Generic V2.0

National Center for Immunization and Respiratory Diseases (NCIRD), Atlanta, Georgia

Version Date: 4/9/2020

THROUGHOUT THIS DOCUMENT:

- Columns A-E ("Condition," "Data Element Name," "Data Element Description," "Data Element Identifier," "CDC Priority") contain information from the current* MMG for each condition (i.e., generic v2.0, H. influenzae, N. meningitidis, invasive pneumococcal disease, psittacosis, legionellosis).
- Column F ("NCIRD Priority") contains the programmatic priority designation of these data elements.
 The data elements noted as priority 1 or priority 2 in column F are highlighted in dark green or light green, respectively, and are of HIGHEST and HIGH priority, respectively, for inclusion in HL7 message.
 Jurisdictions' data collection processes and systems should be modified to collect priority 1 and 2 data.

 - Data elements noted as priority in column F (highlighted in yellow) should be considered for inclusion in HLT message but are not of highest or high priority.

 Data elements noted as "Required" in column F (highlighted in orange) are mandatory for sending a case notification via HLT message.
- Column G ("NCIRD Priority Description") includes standard guidance for each priority level.

 Column H ("Program-Specific Guidance for implementation") includes the context and rationale for the priority designation, in addition to NCIRD guidance for the data element, where applicable.

 If you have questions about the content of this document, please contact the NCIRD Surveillance Data mailbox at NCIRDsurvData@cdc.gov.

*Generic V2.0 MMG dated 12/06/2017

Condition	Data Element (DE) Name	Data Element Description	Data Element (DE) Identifier	CDC Priority (as on MMG)	NCIRD Priority	NCIRD Priority Description	Program-Specific Guidance for Implementation (where applicable)
Gen V2	Message Profile Identifier	Message Profile identifiers provide a literal value to use for the references in MSP-21, MSH-21 will always contain a reference to the notification type in the "PHRNProfileD" namespace and a reference to the implemented version of the Generic MMG in the "PHRNMgdMgdD" namespace. For conditions that have a condition-specific MMG, MSH-21 will also contain a reference to that MMG that is also in the "PHRNMgsMgdD" namespace.	N/A: MSH-21	R	Required	This data element is mandatory for sending a message if the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Local Subject ID	The local ID of the subject/entity	N/A: PID-3	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Birth Date	Patient's date of birth	N/A-PID-7	P	1	This data element is of highest priority for reporting. These data elements are critical for national curvellance activities, invincision's data collection system should be modified to collect Priority? As a collection system should be modified to collect Priority? As a collection system should be modified to collect Priority? As a valiable to send, please discurs with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important demographic information.
Gen V2	Subject's Sex	Subject's current sex	N/A-PID-S	P	1	This das element is of highest priority for reporting. These data elements in extracted for national consultance activities, invincition's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important demographic information.
Gen V2	Race Category	Race category - Major OMB Race Categories. Detailed race information would be rolled up to these major OMB race categories.	N/A-PID-10	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently, collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important demographic information.
Gen V2	Subject Address State	State of residence of the subject	N/A: PID-11.4	0	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently, collected and available to send, please discuss with the CDC Program whether you comboand without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important demographic information.
Gen V2	Subject Address ZIP Code	ZIP Code of residence of the subject	N/A: PID-11.5	0	2	This is a high priority data element that will support national unrealillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important demographic information.
Gen V2	Subject Address County	County of residence of the subject	N/A PID-11.9	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected any available to send, believe discuss with the CDR Program who can collect the collection of the CDR Program which the CDR Program whose the properties of the collection of these data elements, if nor able to collect and transmit at onboarding.	This data provides important demographic information. This data element is of highest priority for the IPD program.
Gen V2	Ethnic Group	Based on the self-identity of the subject as Hispanic or Latino	N/A: PID-22	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdictions data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important demographic information.
Gen V2	Deceased Date	If the subject died from this illness or complications associated with this illness, indicate the date of death.	N/A-PID-29	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDF Program whether you can onboard without that element being available and included in the messages. Some CDF programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.

Gen V2	Local Record ID	Sending system-assigned local ID of the case investigation with which the subject is associated.	N/A: OBR-3	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Date First Electronically Submitted	Date/time the notification was first electronically sent to CDC. This value does not change after the original notification.	N/A: OBR-7	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Date of Electronic Case Notification to CDC	Date/time this version of the electronic case notification was sent. It will be the same value as NOT103 for the original notification. For updates, this is the update/send date/time.	N/A: OBR-22	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Notification Result Status	Status of the notification	N/A: OBR-25	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Condition Code	Condition or event that constitutes the reason the notification is being sent.	N/A: OBR-31	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Other Race Text	Other Race Text	32624-9	0	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone, please plan to update jurisdictions's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2	Country of Birth	Country of Birth	78746-5	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities, invincition's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently collected and available to send, please discuss with the CDC Program whether you con obnoard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding	This data provides important epidemiologic information.
Gen V2	Other Birth Place	Other Birth Place	21842-0	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Country of Usual Residence	Where does the person usually live (defined as their residence). This variable replaces the Foreign Resident variable mentioned in 11-51-04 titled "Revised Guidelines for Determining Residency for Disease Reporting" located at http://cymchcom/sites/www.tsteorg/resource/resmgr/PS/1 1-5i-04.pdf. Cases with country of usual residence equal to the US, Puerto Rico, and US Virgin Islands as well as unknown and null responses will be included in the state-specific counts and rates.	77983-5	P	1	his das elements for highest priority for reporting. These data elements are critical for national surveillance activities, buridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDF Program whether you can onboard without that element being available and included in the messages. Some CDF programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2	Date of Illness Onset	Date of the beginning of the illness. Reported date of the onset of symptoms of the condition being reported to the public health system.	11368-8	P	1	This data element is of highest priority for reporting. These data elements are critical for national questillione activities, invincition's data collection system should be modified to collect Priority? I data elements. If this data elements is not currently collected and available to send, please discous with the CDC Program whether you can orboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if nor able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2	Illness End Date	Date at which the disease or condition ends.	77976-9	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Illness Duration	Length of time this subject had this disease or condition.	77977-7	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	NCRD understands that some jurisdictions may not ask duration questions in terms of total number of days. In the short term, the jurisdiction can send answers to this question in structured numeric format to send data as appropriate (e.g. > #). However, as timelines are developed for surveillance data collection and message mapping guide implementation, jurisdictions should consider changes to support collection and transmission of "duration in days," as indicated for case classification.
Gen V2	Illness Duration Units	Unit of time used to describe the length of the illness or condition.	N/A: OBX-6	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Pregnancy Status	Indicates whether the subject was pregnant at the time of the event.	77996-7	0	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2	Diagnosis Date	Earliest date of diagnosis (clinical or laboratory) of condition being reported to public health system.	77975-1	P	1	This data element is of highest priority for reporting. These data elements are official for national surveillance activities. Jurisdictions data collection system should be modified to collect Priority 1 data elements. If this data elements in sort currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2	Hospitalized	Was subject hospitalized because of this event?	77974-4	o	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDP Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.

Surpellance activities: If this data element is not currently collected and available to some places plan to update principlications's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at ordoxording. Gen V2 Discharge Date Subject's most recent discharge date from the hospital for the George of the Condition covered by the investigation. Gen V2 Discharge Date Subject's most recent discharge date from the hospital for the Condition covered by the investigation. Gen V2 Discharge Date Subject's duration of stay at the hospital for the Condition covered by the investigation. Gen V2 Duration of Mospital Stay in Day's Unation of Stay at the hospital for the condition covered by the investigation. Gen V2 Duration of Mospital Stay in Day's Unation of Stay at the hospital for the condition covered by the investigation. Gen V2 Subject Died Died Investigation. Gen V3 Subject Died Died Investigation. Gen V4 Died Investigation of Mospital Stay in Day's Died Investigation. Gen V5 Subject Died Died Investigation. Gen V6 Subject Died Died Investigation of Mospital Stay in Day's Died Investigation of Died Investigation Died Investigation of Died Investigation Die	This data element is of high priority for the IPD program. This data element is of high priority for the IPD program. This data provides important epidemiologic information. This information is used to identify unique notifications.
condition covered by the investigation. Surveillance activities. If this data element is not currently collected and available to send; please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding. Gen V2 Duration of Hospital Stay in Days Duration of Hospital Stay in Days Subjects duration of stay at the hospital for the condition covered by the investigation. This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update purisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding. Gen V2 Subject Died Did the subject did from this illness or complications of this liness? P 1 This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Aurodiction's data collection system should be modified to collect. Priority data elements in this data element is not currently collected and available to send the collection system should be modified to collect. Priority data elements in the collection system should be modified to collect. Priority data elements, if not able to collect and available to send please discuss with the CDC Programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit a orthosard/mine. Gen V2 State Case Identifier States use this identifier to link NEDSS investigations back to 77993-4 O 3 This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data provides important epidemiologic information.
Surples of this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding. Gen V2 Sutject Died Did the subject die from this illness or complications of this illness? This data element is of highest priority for reporting. These data elements are critical for rational surveillance activities, burdiscition's data collection system should be modified to collect priority data elements. If this data element is not currently collected and available to send to send please discuss with the CDC Program whether you can onboard without that element is not currently collected in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding. Gen V2 State Case Identifier States use this identifier to link NEDSS investigations back to 77993-4 O 3 This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
elements are critical for national surveillance activities. Jurisdictions' data collection system should be modified for collect priority of data elements. If this data elements. If this data elements. If this data elements. If this data elements in concurrently collected and available to send, please discuss with the CPP forgram whether you can onboard without that element being available and included in the messages. Some CDC grogars may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding. Gen V2 State Case Identifier States use this identifier to link NEDSS investigations back to 77993-4 O 3 This is a lower priority data element that should be considered for their own state investigations. This is a lower priority data element that should be considered for includion in the surveillance system and case notification. Please send if currently collected in the system.	
their own state investigations. Inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This information is used to identify unique notifications.
Gen V2 Legacy Caste Identifier CDC uses this identifier to link current case notifications to to case notifications submitted by a previous system (NETS. STD-MIS, etc.). The data element is of highest priority for reporting. These data elements are critical for rational surveillance activities. Justifications data collection system should be modified to collect Priority 1 data elements. If this data elements in Comparison activities. Justifications data collection system should be modified to collect Priority 1 data elements. If this data elements in Comparison activities, Justifications and available to send, please discuss with the CDC Program whether you can onboard without that elements from shall be and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This information is used to identify unique notifications.
Gen V2 Age at Case Investigation Subject age at time of case investigation 77998-3 P This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements in ort currently collected and available to send, places discuss with the CCP frogram whether you can onboard without that elements a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2 Age Unit at Case Investigation Subject age unit at time of case investigation N/A: CBX-6 P This data element is of highest prointy for reporting. These data elements are critical contraction system should be modified to collect Priority 1 data collection system should be modified to collect Priority 1 data elements. If this case elements in CBX data elemen	This data provides important epidemiologic information.
Gen V2 Case Disease Imported Code Indication of where the disease/condition was likely acquired. Ty982-7 In So data element is of highest priority for reporting. These data elements are critical for realization activities, justical activities, under a cardious provided and available to send, peace discusses with the CDC priority of data elements. In this data elements in the data elements are critical for activities. Justical and included and available to send, peace discuss with the CDC priority and the elements. If this data elements in the data elements are critical for activities. Justical and included and available to send, peace discuss with the CDC priority and addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2 Imported Country If the disease or condition was imported, indicates the country in which the disease was likely acquired. In NY153 P This is a high priority data element that will support national survey and country in which the disease was likely acquired. In NY153 P This is a high priority data element that will support national survey and surve	This data provides important epidemiologic information.
Gen V2 Imported State If the disease or condition was imported, indicates the state in INV154 P This is a high priority data element that will support national surrellines activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' data collection system. Some CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2 Imported City If the disease or condition was imported, indicates the city in which the disease was likely acquired. This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and variable to send, places plan to update purisdictions data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2 Imported County If the disease or condition was imported, contains the county of origin of the disease or condition. In V156 O 3 This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen VZ Country of Exposure Indicates the country in which the disease was likely acquired. The is a high priority data element that will support national support acquired and suilable to send, please plan to or currently collected and available to send, please plan to update jurisdictions data collection system. Some CCP programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.

Gen V2	·	Indicates the state (or Province) in which the disease was likely acquired. Note: If Country of exposure was US, populate with US State. If Country of exposure was Mexico, populate with Mexican State. If Country of exposure was Canada, populated with Canadian Province. For all other countries, leave null.	77985-0	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2	City of Exposure	Indicates the city in which the disease was likely acquired Note: If country of exposure is US, populate with US city. For all other cities, can be populated but not required.	77986-8	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2	County of Exposure	Indicates the county in which the disease was likely acquired Note: If country of exposure is US, populate with US county. Otherwise, leave null.		P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adta collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2	Transmission Mode	Code for the mechanism by which disease or condition was acquired by the subject of the investigation.	77989-2	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Case Class Status Code	Status of the case/event as suspect, probable, confirmed, or not a case per CSTE/CDC/ surveillance case definitions.	77990-0	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Immediate National Notifiable Condition	Does this case meet the criteria for immediate (extremely urgent or urgent) notification to CCF Refer to the 2015 list of NNC by type of notification category (extremely urgent, urgent, and standard; at the following link: http://wwwn.cdc.gov/nndss/document/NNC_2015_Notification_ n_Requirements_By_Category.pdf	77965-2	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Case Outbreak Indicator	Denotes whether the reported case was associated with an identified outbreak.	77980-1	P	1	This date element is of highest priority for reporting. These date elements are critical for rational surveillance activities, invincition's data collection system should be modified to collect Priority 1 data elements. If this data elements into currently, collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future unicusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2	Case Outbreak Name	A state-assigned name for an identified outbreak.	77981-9	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently, collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important epidemiologic information.
Gen V2	Jurisdiction Code	Identifier for the physical site from which the notification is being submitted.	77969-4	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data provides important reporting information.
Gen V2	Reporting Source Type Code	Type of facility or provider associated with the source of information sent to Public Health.	48766-0	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Reporting Source ZIP Code	ZIP Code of the reporting source for this case.	52831-5	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Binational Reporting Criteria	For cases meeting the binational criteria, select all the criteria which are met.	77988-4	P	1	This data element is of highest priority for reporting. These data elements are critical for rational surveillance activities, invincition's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2	Person Reporting to CDC - Name	Name of the person who is reporting the case to the CDC. This is the person that CDC should contact in a state if there are questions regarding this case notification.	74549-7	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2	Person Reporting to CDC - Phone Number	Phone Number of the person who is reporting the case to the CDC. This is the person that CDC should contact in a state if there are questions regarding this case notification.	74548-9	P	2	This is a high priority data element that will support national surveillance activities: If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2	Person Reporting to CDC - Email	Email Address of the person reporting the case to the CDC. This is the person that CDC should contact in a state if there are questions regarding this case notification.	74547-1	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Gen V2		The date the case investigation was initiated.	77979-3	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Date Reported	Date that a health department first suspected the subject might have the condition.	77995-9	P	1	This data element is of highest priority for reporting. These data elements are ortical for national sureillance activities. Juridictions data collection system should be modified to collect Priority 1 data elements. If this data elements in sort currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important reporting information.

Gen V2	Earliest Date Reported to County	Earliest date reported to county public health system.	77972-8	o	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data provides important reporting information.
Gen V2	Earliest Date Reported to State	Earliest date reported to state public health system.	77973-6	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data provides important reporting information.
Gen V2	MMWR Week	MMWR Week for which case information is to be counted for MMWR publication.	77991-8	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	MMWR Year	MMWR Year (YYYY) for which case information is to be counted for MMWR publication.	77992-6	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Notified of This Case	Date the case of an Immediately National Notifiable Condition was first verbally reported to the CDC Emergency Operation Center or the CDC Subject Matter Expert responsible for this condition.	77994-2	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Gen V2	Date First Reported to PHD	Date the report was first sent to the public health department (local, county or state) by reporter (physician, lab, etc.).	77970-2	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important reporting information.
Gen V2	Reporting State	State reporting the notification	77966-0	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2	Reporting County	County reporting the notification	77967-8	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides important reporting information.
Gen V2	National Reporting Jurisdiction	National jurisdiction reporting the notification to CDC	77968-6	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Gen V2		Use this field, if needed, to communicate anything unusual about this case, which is not already covered with the other data elements. Do not send personally identifiable information to CDC in this field.	77999-1	0	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	

Haemophilus influenzae

National Center for Immunization and Respiratory Diseases (NCIRD), Atlanta, Georgia

Version Date: 4/9/2020

THROUGHOUT THIS DOCUMENT:

- Columns A-E ("Condition," "Data Element Name," "Data Element Description," "Data Element Identifier," "CDC Priority") contain information from the current" MMG for each condition (i.e., generic v2.0, H. influenzae, N. meningitidis, invasive pneumococcal disease, psittacosis, legionellosis).
- Column F ("NCIRD Priority") contains the programmatic priority designation of these data elements.

 The data elements noted as priority 1 or priority 2 in column F are highlighted in dark green or light green, respectively, and are of HIGHEST and HIGH priority, respectively, for inclusion in HL7 message.
- I he data elements noted as pnortly 1 or priority 2 in column 1 are nigniligated in dark green or light green, respectively, and are of HIGHEST and HIGH priority, respectively, for inclusion of Justifications' data collection processes and systems should be modified to collect priority! and 2 data.

 Data elements noted as priority 3 in column F (highlighted in yellow) should be considered for inclusion in HL7 message but are not of highest or high priority.

 Data elements noted as "Required" in column F (highlighted in orange) are mandatory for sending a case notification via HL7 message.

 Column G ("NCIRD Priority Description") includes standard guidance for each priority level.

 Column H ("Program-Specific Guidance for Implementation") includes the context and rationale for the priority designation, in addition to NCIRD guidance for the data element, where applicable.

 If you have questions about the content of this document, please contact the NCIRD Surveillance Data mailbox at NCIRDsurvData@cdc.gov.

*RIBD v1.0 MMG dated 12/13/2019

Condition	Data Element (DE) Name	Data Element Description	Data Element (DE) Identifier	CDC Priority (as on MMG)	NCIRD Priority	NCIRD Priority Description	Program-Specific Guidance for Implementation (where applicable)
H. influenzae	Message Profile Identifier	Message Profile Identifiers provide a literal value to use for the references in MSH-21. MSH-21 will always contain a reference to the notification type in the "PHINP/OffileID" namespace and a reference to the implemented version of the Generic MMS in the "PHINM/MSM/MSP) ramespace. For conditions that have a condition-specific MMG, MSH-21 will also contain a reference to that MMG that is also in the "PHINM/SMAPID" namespace.	N/A: MSH-21	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required also elements alone are not sufficient for national surveillance purposes.	
H. influenzae	Insurance	Insurance	76437-3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Weight	Subject's weight at diagnosis	3141-9	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Weight Units	Subject's weight units	N/A: OBX-6 for 3141-9	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Height	Subject's height at diagnosis	3137-7	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Height Units	Subject's height units	N/A: OBX-6 for 3137-7	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Bacterial Infection Syndrome	Types of infection caused by organism	INV298	P	1	This date element is of highest priority for reporting. These data elements are critical for rational surveillance activities, surfaction's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding	This data provides clinical and epidemiologic information about the disease occurrence.
H. influenzae	Did Underlying Condition(s) Exist	Did the subject have any underlying causes or prior illnesses?	INV235	P	2	This is, high priority data element that will support national surveillance activities. If this data element is not currently collected and readable to some please plan to update jurisdictions' data data control of the property of the property of the addressing future inclusion of these data elements, if not able to collect and transmit at orbitanting.	This data provides clinical and epidemiologic information about the disease occurrence.
H. influenzae	Underlying Condition(s)	Listing of underlying causes or prior illnesses	INV236	P	2	This is a high priority data element that will support national sunveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding	This data provides clinical and epidemiologic information about the disease occurrence.
H. influenzae	Underlying Conditions Indicator	Underlying Conditions Indicator	INV662	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides information on the signs and symptoms of the disease occurrence.
H. influenzae	Pregnancy Status at the Time of First Positive Culture	At the time of first positive culture, was the patient pregnant or postpartum? (The postpartum period is defined as the 30 days following a delivery or miscarriage)	INV661	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to conf. please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on pregnancy-associated infections.
H. influenzae	Pregnancy Outcome	If pregnant or postpartum, what was the outcome of fetus?	63893-2	P	2	This is a high priority data element that will support national sunveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding	This data element provides information on pregnancy-associated infections.
H. influenzae	Gestational Age	If patient <1 month of age, indicate gestational age (in weeks)	18185-9	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
H. influenzae	Birth Weight	If patient <1 month of age, indicate birth weight	56056-5	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sond, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on infant infections.
H. influenzae	Birth Weight Units	Birth weight units	N/A: OBX-6 for 56056-5	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone, please plan to update jurisdictions' data collection system. Some CD cprograms may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on infant infections.

H. influenzae	Previous Contact With Hib Disease	Is there a known previous contact(s) with Hib disease within the preceding two months?	INV1041	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
H. influenzae	Hib Contact Type	Type of previous contact(s) with Hib disease within the preceding two months.	INV1042	P	2	This is a high priority date element that will support national surveillance activities if this date element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
H. influenzae	Previous Contact With Non-b or Nontypeable H. influenzoe Case	Did patient have known previous contact(s) with a non-th-or nontypeable case of H. affluenzae disease within the preceding 2 months?	INV1043	P	2	This is a high priority data element that will support national surveillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC prosporar may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
H. influenzae	Non-b or Nontypeable Contact Type	Specify type of contact(s) with non-b or nontypeable case of M. influenzae	INV1044	P	2	This is a high priority data element that will support nations surveillance activities: if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCD prosporar may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
H. influenzae	In Day Care	Does this patient attend a day care facility?	INV615	P	2	This is a high priority data element that will support national surveillance activities: If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCD; prosporam may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
		,	INV636	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Case Investigation Status Code	Case investigation status code	INV109	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element refers to the local case investigation status. CDC guidance its to submit notifications early in the investigation rather than waiting until the investigation is finalized. However, NCIRD understands that some jurisdictions may have jurisdiction-specific requirements for the timing of case notifications.
H. influenzae	Pathogen	Does this case have recurrent disease with the same pathogen! For Streptococcus pneumonite; the specimen from the current case must have been located 40 or more days after any previous case due to the same pathogen. For all other pathogen, the specimen from the current case must have been isolated 30 or more days after any previous case due to the same pathogen.)	INV975	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to son, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
H. influenzae		StateID of 1st occurrence for this pathogen and person.	INV976	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Case Report Form Status	Case Report Form Status	INV656	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
	Patient Address City	Patient address city	N/A: PID-11.3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This information is often used to support specificity in communications between CDC and jurisdictions when providing follow-up and technical assistance.
	Illness Onset Age	illness onset age	INV143	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities, jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements in sort currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides investigation is included in the Generic V2 MMG, NIGIP recognizes that some jurisdictions may collect age information specific to onset. In addition, the CDC program will not be able to calculate liness conset age if a case is missing responses for age at case investigation, illness onset age if a case is missing responses for age at case investigation, illness onset age in case in missing responses for age at case investigation, illness onset adventure of the control of the con
H. influenzae	Illness Onset Age Units	illness onset age units	N/A: OBX-6 for INV143	P	1		This data element provides important epidemiologic information. Although age at case investigation is included in the Generic V2 MMG, NIGIP recognises that some jurisdictions may collect age information specific to onset. In addition, the CDC program will not be able to calculate illness conset age if a case is missing proposes for age at case investigation, illness onset age it ace ace inserting the house the data analysis and the same to this data element if you have the data analysis, and consider adding illness onset age to your surveillance system if you do not.
H. influenzae	Residence	Where was the patient a resident at time of initial culture?	75617-1	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCD prosporam gay request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
H. influenzae	Premature Infant	Premature at birth (for children ≤2 years old)	76517-2	P	2	This is a high priority data element that will support national surveillance activities: If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
H. influenzae	Epi-Linked to a Laboratory Confirmed Case	is this case epi-linked to a laboratory-confirmed case?	INV927	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDP Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is important for understanding <i>H. influenzoe</i> epidemiology in the U.S.
H. influenzae	ABCs State ID	ABCs State ID	INV966	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element applies to ABCs jurisdictions. For ABCs cases for which a case notification is also submitted for NNDSS, please include the ABCs state ID in the NNDSS case information so that the two sources can be linked together.

H. influenzae	Laboratory Testing Performed	Was laboratory testing done to confirm the diagnosis?	LAB630	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Although an algorithm could impute a response of "Yes" for this data element if any laboratory data are rovided in the case notification, laboratory data are often missing (especially early in the investigation), Therefore, it would not be appropriate to impute a response of "No" for this data element when no laboratory data are entered. NCRD has consequently assigned a "higher priority" designation to this data element, as NCRD appropriately does not apply an algorithm to impute these responses.
H. influenzae	Laboratory Confirmed	Was the case laboratory confirmed?	INV164	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. In vinidicition's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Although an algorithm could impute a response of "Yes" for this date element if any laboratory data are rowided in the case notification, laboratory data are ordered in the case notification, laboratory data are often missing (especially early in the investigation). Therefore, it would not be appropriate to impute a response of Nor' for this data element when no laboratory data are entered NCRD has consequently assigned a "higher prioring" designation to this data element, as NCRD appropriately does not apply an algorithm to impute these responses.
H. influenzae	Test Type	Epidemiologic interpretation of the type of test(b) performed for this case.	INV290	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CEP Program whether you can orbicard without that element being switched and included in the messages. Some CCP programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbicarding.	Test type is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
H. influenzae	Specimen Type	Specimen Type from which organism was isolated	66746-9	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect. Priority 1 data elements. If this data element is not currently collected and available to surface, places discuss with the CER Program whole the CER Program whole the CER Program whole the collection of these data elements, if not able to collect and transmit at orboarding.	Specimen type is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
H. influenzae	Specimen Collection Date/Time	Date of Specimen Collection	68963-8	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect. Priority 1 data elements. If this data element is not currenly collected and available to send, please discuss with the CDR Program whether you consider the collection of the CDR Program whether you can be compared to the collection of the collection of these data elements. If not able to collect and transmit at orboarding.	Specimen collection date is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
H. influenzae	Test Method	Test Method	85069-3	P	2	This is high priority data element that will support national surveillance activities. If this data element is not currently collected collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test method is important for fully describing the lab testing and test results.
H. influenzae	Organism Name	Bacterial species isolated	LAB276	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and snallable to send, please discuss with the CEP Program whether you can onboard without that element being available and included in the messages. Some CCP programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Organism name is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
H. influenzae	Test Result	Epidemiologic interpretation of the results of the testis) performed for this case. This is a qualifiative test result (e.g. positive, detected, negative)	INV291	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect. Priority 1 data elements. If this data element is not currently collected elements. If this data element is not currently collected includes you are notional without that element being available and included in the messages. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test result is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
H. influenzae	Test Result Quantitative	Quantitative Test Result Value	LAB628	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Result Units	Units of measure for the Quantitative Test Result Value	LAB115	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae		What was the serotype?	INV706	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDF Program whether you can onboard without that element being available and included in the messages. Some CDF programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Serotype is important for understanding the epidemiology of H. influenzae cases in the U.S.
	Serotype Method	Serotype Method	LAB532	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Serotype method is important for fully describing the lab testing and test results.
H. influenzae	Performing Laboratory Type	Performing laboratory type	8271-7	P	,	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDP Program whether you can onboard without that element being available and included in the messages. Some CDP programs may request a plan addressing infurer inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on whether a CDC laboratory, VPD Reference Center or other type of laboratory performed the test, which is important for linking results to specific cases and for assessing the applicability of the test results.

H. influenzae	Performing Laboratory Name	Reporting laboratory name	68994-3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Test Manufacturer	Test Manufacturer	LAB650	P	2	This is a high priority data element that will support national sunveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCD programs ry request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test manufacturer provides information about how the test results should be interpreted and is important for fully describing the lab testing and test results.
H. influenzae	Specimen Sent to CDC	Was a specimen sent to CDC for testing?	82314-6	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to each place plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This information assists CDC in linking the specimen identifier and CDC-tested lab results.
H. influenzae	Lab Accession Number	Lab Accession Number (including CDC Lab ID)	INV978	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdictions' data collection system. Some CDC programs my request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	The lab accession number is used to assist in locating/identifying test results for specific cases.
H. influenzae	Date Specimen Sent to CDC	Date specimen sent to CDC	85930-6	P	2	This is a high priority data element that will support national surveillance achiefule. If this data element is not currently collected and available to send, please plan to update jurisdictions' data collection system. Some CDC programs nay request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	If a specimen is sent to CDC, it is important to know when it was sent to assist in locating identifying test results for specific cases.
H. influenzae	Did the Subject Ever Receive a Vaccine Against This Disease	Did the subject ever receive a vaccine against this disease?	VAC126	P	1	This das element is of highest priority for reporting. These data elements are critical for rational surveillance activities. Jurisdictions data collection system should be modified to collect Priority 1 data elements. If this data elements in this data elements. If this data elements in data elements in data elements in data elements elements applicated in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Although an algorithm could impute a response of "Yes" for this data element if any scalarion data are provided in the case notification, vaccination data are order missing (especially early in the investigation). Therefore, it would not be appropriate to impute a response of "No" for this data element when no vaccination data are entered. NORD has consequently assigned a "highest protrior" designation to this data element, as NORD appropriately does not apply an algorithm to impute these responses.
H. influenzae	Date of Last Dose Prior to Illness Onset	Date of last vaccine dose against this disease prior to illness onset	VAC142	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority's data elements. If this data element is not currently collected and vanishable to send please discuss with the CCP Program whether you can onboard without that element being available and included in the messages. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the vaccination status of <i>H. influenze</i> cases in the U.S. Although this could be determined through an algorithm if there are any vaccination data provided in the case notification, vaccination data are often missing (especially early in the investigation).
H. influenzae	Vaccination Doses Prior to Onset	Number of vaccine doses against this disease prior to illness orset	82745-1	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements in this data elements if this data elements in this data elements in this data elements in this data elements. If this data elements in the collect priority and swallable and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is used for understanding the vaccination status of <i>H. influenzoe</i> cases in the U.S.
H. influenzae	Vaccinated per ACIP Recommendations	Was subject vaccinated as recommended by the Advisory Committee on immunization Practices (ACIP)?	VAC148	P	1	This data element is of highest priority for reporting. These data elements are critical for rational sur-ellimine activities. Jurisdiction's data collection system should be modified to collect Priority it data elements if this data elements in this data elements if this data elements in the control production and available to send please discuss with the CDC Program whether you can orbitate without that element being available and included memory and the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding	This data element provides important information is to whether the case was vaccinated according to the ACIP recommendations. The question is through phrased to capture whichever ACIP recommendations are nelveant. Jurisdictions should answer this question in the context of current ACIP guidelines. Note that the intention of this question is to identify whether the case was appropriately following ACIP recommendations, whether vaccinated or not.
H. influenzae	Reason Not Vaccinated Per ACIP Recommendations	Reason subject not vaccinated as recommended by ACIP	VAC149	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CCP Program whether you can orbit of which that element being available and included in the messages. Some CCP program may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbitosing in the collection of these data elements.	This data element provides important information as to whether the case was vaccinated according to the ACIP recommendations. The question is broadly phrased to capture whichever ACIP recommendations are relevant. Lurisdictions should answer this question in the content of current ACIP guidelines. Note that the intention of this question is to describe why the case was not vaccinated at all, or was not vaccinated appropriately as recommended by ACIP.
H. influenzae	Vaccine History Comments	Vaccine History Comments	VAC133	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
H. influenzae	Vaccine Type	The type of vaccine administered for the condition being reported	30956-7	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdictions data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC program may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine type is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
H. influenzae	Vaccine Administered Date	The date that the vaccine was administered	30952-6	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority's data elements. If this data element is not currently collected and available to send please discuss with the CCD Program whether you can onboard without that element being available and included in the mersages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine date is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.

H. influenzae	Vaccine Dose Number	The dose number in a series	30973-2	P	1	Th	his data element is of highest priority for reporting. These data	Vaccine dose is a key component of the vaccination history repeating group
						eli da da av ca m in	ements are critical for national surveillance activities. Justications at collection system should be modified to collect Priority 1 ats cellents. If this data elements in for currently collected and validable to send, please discuss with the CDc Program whether you no nobroard without that element is not capitable and included in the essages. Some CDc programs may request a plan addressing future clusion of these data elements, if not able to collect and transmit at inboarding.	vaccine does so a very conjunction on the vaccination history of the case.
H. influenzae V	Vaccine Manufacturer	The company which manufactured the vaccine	30957-5	P	1	eli da da av ca m in	his data element is of highest priority for reporting. These data tementar are cittallor or national surveillations extinctes, prividiction's state collection system should be modified to collect. Priority 1 and solitation in the collection of these data elements, if not able to collect and transmit at abounding the collection of these data elements, if not able to collect and transmit at abounding.	Vaccine manufacturer is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
H. influenzae V	Vaccine Lot Number	The lot number for the vaccine administered	30959-1	P	2	su an co ad	his is a high priority data element that will support national unrealitude and the priority data element that will support national unrealitude activities if this data element is not currently collected of svalidable to exent, please plan to update jurisdictions' data disciscion system. Some CCP (programs way request a plan oddressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is of high/coptional priority. This data element is part of the IS repeating group, and is structured to support electronic consumption of IS data. NORD encourages jurisdictions to consider implementation of IS data. NORD encourages jurisdictions to consider implementation of IS destronic linkages between NNDSS and IIIS, to enhance of efficiency, completeness, and accuracy of vaccine history data. However, NCBD understands that the linkage functionally may not be fassible in the short-term, therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history repeating group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
H. influenzae V	Vaccine Expiration Date	The expiration date for the vaccine administered	VAC109	P	2	su an co ad	his is a high priority data element that will support national unrellatore activities. If this data element is not currently collected and variable to send plasse plan to update puridictions' data ollection system. Some COC programs may request a plan diversing future inclusion of these data elements, if not able to ollect and transmit at onboarding.	This data is of highlyoptional priority. This data element is part of the IIS repeating group, and is structured to support electronic consumption of IIS data. NCIRD encourages jurisdictions to condider implementation of electronic linkages between NNIDSS and IIS, to enhance efficiency, completeness, and accuracy of vaccine history data. However, NCIRD understands that the linkage functionality may not be feasible in the shorterm; therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history expending group is of highest priority and should be used by all jurisdictions to provide vaccine history expending orous io fullyhest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
H. influenzae N	National Drug Code (NDC)	NDC from the vaccine's bar code can be used to obtain vaccine brand name and manufacturer.	vac153	P	2	su an co ac	his is a high priority data element that will support national unrellations activities. If this data element is not currently collected ad valiable to send, plasse plan to update privadiction's data placetion system. Some CDC programs may request a plan driversing future inclusion of these data elements, if not able to pliect and transmit at onboarding.	This data is of high/optional priority. This data element is part of the IIS repeating group, and is structured to support electronic consumption of IIS data. NCIRD encourages jurisdictions to consider implementation of electronic linkages between NNDSS and IIS, to enhance efficiency, completeness, and accuracy of vaccine history data. However, NCIRD understands that the linkage functionality may not be feasible in the short-term; therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history expenting group is of highest priority and should be used by all jurisdictions to provide vaccine history depending orous for highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
H. influenzae V	Vaccination Record Identifier	Vaccination record identifier	VAC102	P	2	su an co ac	his is a high priority data element that will support national unrellative activities. If this data element is not currently collected in divalilatio to servi plasse plan to update pradiction's data ollection system. Some CDC programs may request a plan diversing future inclusion of these data elements, if not able to ollect and transmit at onboarding.	This data is of highlyoptional priority. This data element is part of the IIS repeating group, and is structured to support electronic consumption of IIS data. NCIRD encourages jurisdictions to consider implementation of electronic linkages between NNDSS and IIS, to enhance efficiency, completeness, and accuracy of vaccine history data. However, NCIRD understands that the linkage functionality may not be feasible in the shorterm; therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history exerting group is of highest priority and should be used by all jurisdictions to provide vaccine history exerting group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
H. influenzae A	Age at Vaccination	The persons age at the time the vaccine was given	VAC105	P	2	an co ac	his is a high priority data element that will support national urveillance activities. If this data element is not currently collected and valiable to send, please plan to update privadiction's data pleaction system. Some CDC programs may request a plan diversing future inclusion of these data elements, if not able to pliect and transmit at onboarding.	This data element provides essential information on the vaccination history of the case. Although age at case investigation is included in the Generic V2 MMG, NCRID recognizes that some jurisdictions may collect age information specific to vaccination history, in addition, the CDC program will not be able to accluste age at vaccination if a case insisting responses for age at case investigation, vaccination date, or date of birth. Please may to this date element if you have the data available, and consider adding age at vaccination to your surveillance system if you do not.
H. influenzae A	Age at Vaccination Units	The age units of the person at the time the vaccine was given	N/A: OBX-6 for VAC105	P	2	su an co ac	his is a high priority data element that will support national unrellance activities. If this data element is not currently collected and variable to send plasse plan to update puridictions' data ollection system. Some CDC programs may request a plan driversing future inclusion of these data elements, if not able to ollect and transmit at onboarding.	This data element provides essential information on the vaccination history of the case. Although age at case investigation is included in the Generic V2 MMG, NCRD recognizes that some jurisdictions may collect age information specific to vaccination history, in addition, the CDC program will not be able to accludate age at vaccination if a case insisting responses for age at case investigation, vaccination date, or date of birth. Please map to this data element if you have the data available, and consider adding age at vaccination to your surveillance system if you do not.
H. influenzae V	Vaccine Event Information Source	The information source for this vaccination record	VAC147	0	1	eli da da av ca m in	his data element is of highest priority for reporting. These data tements are citical for national surveillance activities. Intrinsication's ata collection system should be modified to collect Priority 1 and selements. If this data element is not currently collected and an activation of the collection of the collection of the collection of the swallable to send, please discuss with the CDC Program whether you are one-board without and the celement being available and included in the esseages. Some CDC programs may request a plan addressing future clusters of these data elements, if not able to collect and transmit at abounding.	Vaccine event information source is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
H. influenzae S	Susceptibility Test	Was any susceptibility data available?	LAB222	P	3	in	his is a lower priority data element that should be considered for nclusion in the surveillance system and case notification. Please and if currently collected in the system.	
Ţ	Туре	enzymes, PCR and other genetic tests to detect the resistance against specific drugs.	LABAST6	P	3	in se	his is a lower priority data element that should be considered for nclusion in the surveillance system and case notification. Please and if currently collected in the system.	
	Antimicrobial Susceptibility Test Interpretation	Antimicrobial Susceptibility Test Interpretation (e.g. Susceptible, Resistant, Intermediate, Not tested)	LABAST8	P	3	in	his is a lower priority data element that should be considered for nclusion in the surveillance system and case notification. Please end if currently collected in the system.	
L	Susceptibility Testing Performing Lab Type	Susceptibility testing performing lab type	LABAST15	P	3	in se	his is a lower priority data element that should be considered for nclusion in the surveillance system and case notification. Please end if currently collected in the system.	
H. influenzae A	Antimicrobial Susceptibility Test Method	Antimicrobial Susceptibility Test Method (e.g. E-Test, MIC, Disk Diffusion)	LABAST7	P	3	in	his is a lower priority data element that should be considered for cclusion in the surveillance system and case notification. Please end if currently collected in the system.	

H. influenzae	VPD Lab Message Reference Laboratory	Vaccine Preventable Disease (VPD) reference blooratory that will be used along with the patient identifier and specimen identifier to uniquely identify a VPD lab message	LAB143	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC test results with NNDSS cases.
H. influenzae	VPD Lab Message Patient Identifier	VPD lab message patient identifier that will be used along with the reference laboratory and specimen identifier to uniquely identify a VPD lab message	LA8598	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC prosporam say request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC test results with NNDSS cases.
H. influenzae	VPD Lab Message Specimen Identifier	VPD lab message specimen identifier that will be used along with the patient identifier and reference laboratory to uniquely identify a VPD lab message	LAB125	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone please plan to update jurisdiction's data collection system. Some CD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC test results with NNDSS cases.
H. influenzae	Current Occupation	This data element is used to capture the narrative text of a subject's current occupation.	85658-3	P	2	This is a high priority data element that will support national surveillance activities. This data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
H. influenzae	Current Occupation Standardized	This data element is used to capture the CDC NIOSN standard concupiation code based upon the narrative text of a subject's current occupation. (The National Institute for Occupational Safety and Health (MIOSH) has developed a web-based oxforware tool designed to translate industry and occupation text to standardized total control of the Company of	85659-1	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDc programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
H. influenzae	Current Industry	This data element is used to capture the narrative text of subject's current industry.	85078-4	P	2	This is a high priority date element that will support national surveillance artivities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
H. influenzae	Current Industry Standardized	This data element is used to capture the CDC NIOSH standard industry code based upon the narrathe text of a subject's current industry. (The National Institute for Occupational Safety and Health (NIOSH) has developed a web-based software tool designed to translate industry and occupation reto translate industry and Occupational Computerized Coding System (NIOSCS) is available here: http://www.cdc.gov/niosh/topics/coding/overview.html	85657-5	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	

Neisseria meningitidis

National Center for Immunization and Respiratory Diseases (NCIRD), Atlanta, Georgia Version Date: 4/9/2020

THROUGHOUT THIS DOCUMENT:

- THROUGHOUT THIS DOCUMENT:

 Column A-E ("Condition," "Data Element Name," "Data Element Description," "Data Element Identifier," "CDC Priority") contain information from the current* MMG for each condition (i.e., generic v2.0, H. influenzae, N. meningitidis, invasive pneumococcal disease, psittacosis, legionellosis).

 Column F ("NCIRD Priority") contains the programmatic priority designation of these data elements.

 The data elements noted as priority 1 or priority 2 in column F are highlighted in dark green or light green, respectively, and are of HIGHEST and HIGH priority, respectively, for inclusion in HL7 message.

 Jurisdictions' data collection processes and systems should be modified to collect priority 1 and 2 data.

 Data elements noted as priority 3 in column F (highlighted in valley) as a remaindatory for sending a case notification via HL7 message but are not of highest or high priority.

 Data elements noted as "Required" in column F (highlighted in orange) are mandatory for sending a case notification via HL7 message.

 Column G ("NCIRD Priority Description") includes standard guidance for each priority level.

 Column H ("Program-Specific Guidance for implementation") includes the context and rationale for the priority designation, in addition to NCIRD guidance for the data element, where applicable.

 Highor V10 MMG dated 12/13/2019

Condition	Data Element (DE) Name	Data Element Description	Data Element (DE) Identifier	CDC Priority (as on MMG)	NCIRD Priority	NCIRD Priority Description	Program-Specific Guidance for Implementation (where applicable)
N. meningitidis	Message Profile Identifier	the references in MSH-21, MSH-22 will always contain a reference to the noticitation pye in the "PHINNPOIRIED" namespace and a reference to the implemented version of the Generic MMG in the "PHINNSOHADIO" namespace, For conditions that have a condition-specific MMG, MSH-21 will also contain a reference to that MMG that is also in the "PHINMSOHADIO" namespace.	N/A: MSH-21	R	Required	This data element is mandatory for sending a message. If the required data element is not present he message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
N. meningitidis	Insurance	Insurance	76437-3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Weight	Subject's weight at diagnosis	3141-9	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Weight Units	Subject's weight units	N/A: OBX-6 for 3141-9	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Height	Subject's height at diagnosis	3137-7	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Height Units	Subject's height units	N/A: OBX-6 for 3137-7	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Bacterial Infection Syndrome	Types of infection caused by organism	INV298	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Auxiliation's data collection system should be modified to collect Priority 1 data elements: if this data element is not contently collected and available to see of please discuss with the CDC Program whether you can oroboard without that element being available and included in the messages, some CDC programs may request a plan addressing fluture inclusion of these data elements, if not able to collect and transmit at oroboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
N. meningitidis	Did Underlying Condition(s) Exist	Did the subject have any underlying causes or prior illnesses?	INV235	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to exemple place to place by the property of an advanced to the property of the property of addressing fations included of these data elements. If not able to collect and transmit at onboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
N. meningitidis	Underlying Condition(s)	Listing of underlying causes or prior illnesses	INV236	P	2	This is a high priority data element that will support rational surveillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CCD programs may request a glan addressing future inclusion of these data elements, if not able to collect and transmit at orboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
N. meningitidis	Underlying Conditions Indicator	Underlying Conditions Indicator	INV662	P	2	This is a high priority data element that will support rational surveillance activities, if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a glan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
N. meningitidis	Pregnancy Status at the Time of First Positive Culture	At the time of first positive culture, was the patient pregnant or postpartum? (The postpartum period is defined as the 30 days following a delivery or miscarriage)	INV661	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Pregnancy Outcome	If pregnant or postpartum, what was the outcome of fetus?	63893-2	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Gestational Age	If patient <1 month of age, indicate gestational age (in weeks)	18185-9	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Birth Weight	If patient <1 month of age, indicate birth weight	56056-5	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Birth Weight Units	Infant's birth weight units	N/A: OBX-6 for 56056-5	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Attending Higher Education College	is patient (15-24 years only) currently attending college?	224311000	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, plesse plan to update jurisdictions' state collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Grade in School	Year of college	64990-5	P	2	This is a high priority data element that will support rational surveillance articlines; if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements; if not able to collect and transmit at orboarding.	This data element supports understanding of the epidemiclogy of the cases.
N. meningitidis	College Living Situation	Patient's current living situation (college/university)	INV1091	P	2	This is a high priority data element that will support rational surveillance activities, if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbioarding.	This date element supports understanding of the epidemiology of the cases.

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N. meningitidis	Name of College/University	Name of College/University	INV1092	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbioarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	In Day Care	Does the patient attend a day care facility?	INV615	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Secondary Case	Is this a secondary case?	INV1093	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Long-term Care Resident	Does the patient reside in a long term care facility?	INV636	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Case Investigation Status Code	Case investigation status code	INV109	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element refers to the local case investigation status. CDC guidance is to submit notifications early in the investigation, rather than waiting until the investigation is finitized. However, NGDD understands that some jurisdictions may have jurisdiction-specific requirements for the timing of case notifications.
N. meningitidis	Recurrent Disease with Same Pathogen	Does this case have recurrent disease with the same pathogen? (For Steptococcus premoniae, the specimen from the current case must have been isolated 8 or more days after any previous case due to the same pathogen. For all other pathogens, the specimen from the current case must have been isolated 30 or more days after any previous case due to the same pathogen.)	INV975	P	2	This is a high priority data element that will support national surveillance activities, if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Previous State ID (Recurrent Case)	StateID of 1st occurrence for this pathogen and person.	INV976	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Case Report Form Status	Case Report Form Status	INV656	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Had Sex with a Male within the Past 12 Months	Had sex with a male within the past 12 months?	STD107	P	2	This is a high priority data element that will support national surveillance activities, if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CCD repostans may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Had Sex with a Female within the Past 12 Months	Had sex with a female within the past 12 months?	STD108	P	2	his is a high priority data element that will support national sometillation activities if this data element is not correctly colected and swallable to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a jurisdiction collection system may request a just addressing sture inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Number of Male Sexual Partners	In the 3 months prior to the onset of symptoms, number of male sex partners the person had?	INV605	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	HIV Status	Documented or self-reported HIV status at the time of event	55277-8	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Homeless	Was the patient homeless at time of symptom onset?	32911000	P	2	This is a high priority data element that will support rational surveillance activities, if this data element in our currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Signs and Symptoms	Indicate what symptoms of interest the patient had during the course of the illness	56831-1	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sent, please plan to update jurisdiction's data collection system. Some CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the clinical presentation of the cases to support sect assistifaction. In addition, this information also supports understanding of the epidemiology of the cases.
N. meningitidis	Signs and Symptoms Indicator	Indicator for associated signs and symptoms	INV919	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sent, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the clinical presentation of the cases to support sect lastification. In addition, this information also supports understanding of the epidemiology of the cases.
N. meningitidis		Was the patient taking eculizumab/Soliris at the time of disease onset?	427429004	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis		(Proposed) Was the patient taking Ravulizumab (Ultomiris) at the time of disease onset?		P	2	This is a high priority data element that will support rational surveillance activities, if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may respects a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Patient Address City	Patient address city	N/A: PID-11.3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This information is often used to support specificity in communications between CDC and jurisdictions when providing follow-up and technical assistance.
N. meningitidis	Illness Onset Age	illness onset age	INVI43	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Auridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to seed, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	investigation, illness onset date, or date of birth. Please map to this data

N. meningitidis	Illness Onset Age Units	Illness onset age units	N/A: OBX-6 for INV143	P	1	This data element is of highest priority for reporting. These data elements are critical for national survalinare activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides investigation is included in the Generic V2 MMG, NCRID recognizes that some jurisdictions in my collect age information specific to onset. In addition, the CDC program will not be able to calculate illness conset age if a case is missing responses for age at case investigation, illness conset data case is missing responses for age at case investigation, illness conset data con date of birth. Please map to this data element if you have the data available and consider adding illness onset age to your surveillance system if you do not.
N. meningitidis	Residence	Where was the patient a resident at time of initial culture?	75617-1	P	2	This is a high priority data element that will support national surveillance activities if this data element is not currently collected and available to send, please glan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
N. meningitidis	Epi-Linked to a Laboratory Confirmed Case	is this case epi-linked to a laboratory-confirmed case?	INV927	P	2	This is a high priority data element that util support national unrealistics activities if this data element is not correctly colected and smallable to send, please plan to update jurisdiction's data collection systems. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is important for understanding N meningitidis epidemiology in the U.S.
N. meningitidis	ABCs State ID	ABCs State ID	INV966	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element applies to ABCs jurisdictions. For ABCs cases for which a case notification is also submitted for NNDSS, please include the ABCs state ID in the NNDSS case information so that the two sources can be linked together.
N. meningitidis	Laboratory Testing Performed	Was laboratory testing done to confirm the diagnosis?	LAB630	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Auridiction's data collection system should be modified to collect frointy! I data elements. If this data element is not currently collected and available to see place discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	element, as NCIRD appropriately does not apply an algorithm to impute
N. meningitidis	Laboratory Confirmed	Was the case laboratory confirmed?	NV164	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Auristicition's data collection system should be modified to collect Priority? I data elements: if this data element is not currently collected and available to such please discuss with the CIC Program whether you can onboard without that element being available and included in the messages, Some CIC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onbounding.	element, as NCIRD appropriately does not apply an algorithm to impute
N. meningitidis	Test Type	Epidemiologic interpretation of the type of test(s) performed for this case.	INV290	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. A principle of the control of	Test type is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
N. meningitidis	Organism Name	Bacterial species isolated	LAB278	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Autoricidativi data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to see place discuss with the CDC Program whether you can oroboard without that element being available and included in the messages, some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orrboarding.	Organism name is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
N. meningitidis	Specimen Type	Specimen Type from which organism was isolated	66746-9	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. An indication is decidention years multiple discrete decidence of the properties of collection years and public data elements in ordications of the data elements in ordicativity collection of the data elements in ordicativity of the data elements with the CDC Program whether you can oroboard without that element being available and included in the messages, some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orrboarding.	Specimen type is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
N. meningitidis	Specimen Collection Date/Time	Date of Specimen Collection	68963-8	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. An advantage of collection system should be modified to collect fronting the data elements. If this data element is not contently collected and available to such please discuss with the CC Program whether you can onboard without that element beginned available an included in the messages, some CCC program may request a plan addressing future includes of these data elements, if not able to collect and transmit at onboarding.	Specimen collection date is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
N. meningitidis	Test Method	Test Method	85069-3	P	2	This is a high priority data element that utill support rational someillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC program may request a jurisdiction collection system some CCC program may request a jurisdiction addressing turne inclusion of these data elements, if not able to collect and transmit at onboarding.	Test method is important for fully describing the lab testing and test results.
		Epidemiologic interpretation of the results of the test(s) performed for this case. This is a qualitative test result (e.g. positive, detected, negative)	INV291	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Auxiliations data collection system should be modified to collect priority 1 data elements. If this data element is not currently collected and available to an ordinary characteristic management of the CDC Program whether you can onboard without that element being available and included in the messages some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test result is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
N. meningitidis	Test Result Quantitative	Quantitative Test Result Value	LAB628	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Result Units	Units of measure for the Quantitative Test Result Value	LAB115	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	

where the second control of the second contr								
A company of contractions of the contraction of the	N. meningitidis	Serogroup	What was the serogroup?	INV705	P	1	elements are critical for national surveillance activities. Auridiction's data collection system should be modified to collect Priority' 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if	Serogroup is important for understanding the epidemiology of N. meningilitids cases in the U.S.
And the second control of the second control	N. meningitidis	Serogroup Method	Serogroup method	LAB652	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to	
And the second control of the contro	N. meningitidis	Performing Laboratory Type	Performing laboratory type	82771-7	P	1	elements are critical for national surveillance activities. Auridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if	Reference Center or other type of laboratory performed the test, which is important for linking results to specific cases and for assessing the
An interpretation of the control of	N. meningitidis	Performing Laboratory Name	Reporting laboratory name	68994-3	P	3	inclusion in the surveillance system and case notification. Please	
An exception An	N. meningitidis	Test Manufacturer	Test manufacturer	LAB650	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to	be interpreted and may help to fully describe the lab testing and test
An exercised as Controlled Secretary (and the control of the contr	N. meningitidis	Specimen Sent to CDC	Was a specimen sent to CDC for testing?	82314-6	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to	
we recognized. We compared to a supplier for the control and cont	N. meningitidis	Lab Accession Number	Lab Accession Number (including CDC Lab ID)	INV978	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to	
Not merception. Not merception	N. meningitidis	Date Specimen Sent to CDC	Date specimen sent to CDC	85930-6	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to	
Test Type express PCR and other genetic stop to describe express pages agent agent, days and consideration of the surveillence spates and can confiction. Place and confidence of the regions. An intercolatal Susceptibility Feat representation to general spates agent agent, days are described by the surveillence spates and can another the surveillence spates and can another them. Place the surveillence spates are desired for surveillence spates and can another them. Place the surveillence spates are desired for surveillence spates and can another them. Place the surveillence spates are desired for surveillence spates and can another them. Place the survey of the surveillence spates and can another them. Place the surveillence spates are desired for surveillence spates and can another them. Place the surveillence spates are desired for surveillence spates and can another them. Place the surveillence spates are desired for surveillence spates and can another them. Place the surveillence spates are desired for surveillence spates and can another them. Place the surveillence spates are desired for	N. meningitidis	Susceptibility Test	Was any susceptibility data available?	LAB222	P	3	inclusion in the surveillance system and case notification. Please	
Item Interpretation Succeptibility feating performing lab lype Administration Admin	N. meningitidis		enzymes, PCR and other genetic tests to detect the	LABAST6	P	3	inclusion in the surveillance system and case notification. Please	
Performing tails. Type Antiferrorative Succeptibility Per Method on the Comment of the Application of the System. Antiferrorative Succeptibility Per Method on the System. Antiferrorative Succeptibility Succeptibility Per Method on the System. Antiferrorative Succeptibility Succepti	N. meningitidis			LABAST8	P	3	inclusion in the surveillance system and case notification. Please	
Test Method Dat the Education in the surveillance system and care rediction. Please Included prompts of the part of the	N. meningitidis		Susceptibility testing performing lab type	LABAST15	P	3	inclusion in the surveillance system and case notification. Please	
We come Against This Disease We come Against This Disease If the control of the control of the control of the U.S. Although an infrarcticnic state collection system should be modified to control (virting) fails and element in not control of the	N. meningitidis			LABAST7	P	3	inclusion in the surveillance system and case notification. Please	
elements are critical for national surveillance activities. Numeningibidi Numeningibidi Numeningibidi Vaccination Doses Prior to Onset Illness Onset I	N. meningitidis		Did the subject ever receive a vaccine against this disease?	VAC126	P	1	elements are critical for national surveillance activities. Junisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if	vaccination status of N meningitidis cases in the LS. Although an algorithm could impute a response of "Fo" for this data element if any vaccination data are provided in the case notification, vaccination data are often missing (especially early in the investigation). Therefore, it would not be appropriate to impute a response of "No" for this data element when no vaccination data are entered. NCRD has consequently assigned a "highest prioriny" designation to this data element, as NCRD appropriately
Onset On	N. meningitidis		onset		P	1	elements are critical for national surveillance activities. Junisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if	vaccination status of <i>N. meningitidis</i> cases in the U.S. Although this could be determined through an algorithm if there are any vaccination data provided in the case notification, vaccination data are often missing
Recommendations Committee on Immunization Practices (ACIP)? selements are critical for national surrelliance activities. Aurisdictions data collection systems should be modified to collect Priority? I data elements in not currently collected and available to send, peace discusse with the CDC Program whether you can onboard without that element is not swallable and included in the messages. Some CDC Programs was request a plan addressing future inclusion of these data elements, if not able to collect and treasmant at onboarding. Not able to collect and treasmant at onboarding. Note that the intention of this question is to identify whether the case was	N. meningitidis	Onset	onset		P	1	elements are critical for national surveillance activities, fundiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	meningilidis cases in the U.S.
	N. meningitidis			VAC148	P	1	elements are critical for national surveillance activities. Auridiction's data collection system should be modified to collect Priority' 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if	was vaccinated according to the ACIP recommendations. The question is broadly phrased to capture whichever ACIP recommendations are relevant. Jurisdictions should arower this question in the context of current ACIP guidelines.

N. meningitidis	Reason Not Vaccinated Per ACIP Recommendations	Reason subject not vaccinated as recommended by ACIP	VAC149	P	1	This data element is of highest priority for reporting. These data elements are critical for national survinance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If his data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request as plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides important information as to whether the case was vaccinated according to the ACIP encommendations. The question is broadly phrased to capture whichever ACIP recommendations are relevant. Aurisdictions should answer this question in the context of current ACIP guideline. Note that the intention of this question is to describe why the case was not vaccinated at all, or was not vaccinated appropriately as recommended by ACIP.
N. meningitidis	Vaccine History Comments	Vaccine History Comments	VAC133	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
N. meningitidis	Vaccine Type	The type of vaccine administered for the condition being reported	30956-7	P	1	This data element is of highest priority for reporting. These data elements are critical for national survivalence activities burisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not corrently collected and available to send, please discuss with the CLO Program vehillen you can nothous without that element available and included in the messages. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine type is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
N. meningitidis	Vaccine Name	Vaccine Name	VAC15S	P	1	This data element is of highest priority for reporting. These data elements are critical for national survalinace activities. Avaridation's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can notboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine name provides essential information on the vaccination history of the case.
N. meningitidis	Vaccine Administered Date	The date that the vaccine was administered	30952-6	P	1	This data element is of highest priority for reporting. These data elements are critical for national survolance activities. Avridiction's data collection system should be modified to collect Priority 1 data elements. If his data element is not currently collected and available to send, please discuss with the CDC Program whether you can notboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine date is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
N. meningitidis	Vaccine Lot Number	The lot number for the vaccine administered	30959-1	P	2	This is a high priority data element that will support national surveillance activities of this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCP programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
N. meningitidis	Vaccine Expiration Date	The expiration date for the vaccine administered	VAC109	P	2	This is a high priority data element that will support national surveillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is of high/roptional priority. This data element is part of the IS repeating group, and is structured to support electronic consumption of IIS data. NGIB encourages jurisdictions to consider implementation of electronic linitages between NDIGS and IS, to enhance efficiency, completeness, and accuracy of varcine history data. However, NGIBD understands that the linkage functionality may not be feasible in the shorterm therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history perstaing group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
N. meningitidis	Vaccine Dose Number	The dose number in a series	30973-2	P	1	This data element is of highest priority for reporting. These data elements are critical for national survoltance activities. Available for a facility and the priority of t	Vaccine dose is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
N. meningitidis	Vaccine Manufacturer	The company which manufactured the vaccine	30957-5	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Available collection system should be modified to collect priority 1 data elements. If this data element is not carrently collected and available to send please discuss with the CDC Program whether you can onboard without that element being available and included in the messages some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine manufacturer is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
N. meningitidis	National Drug Code (NDC)	NDC from the vaccine's bair code can be used to obtain vaccine brand name and manufacturer.	VAC153	P	2	This is a high priority data element that will support national unwellhance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing turue inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is of high/reptional priority. This data element is part of the IIS repeating group, and is structured to support electronic consumption of IIS data. NGRD encourages jurisdictions to consider implementation of electronic linkages between NNDSS and IIS, to enhance efficiency, completeness, and accuracy of vaccine history data. However, NCRD understands that the linkage functionality may not be feasible in the shorternt herefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history repeating group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
N. meningitidis		Vaccination record identifier	VAC102	P	2		This data is of high/optional priority. This data element is part of the 1S repeating group, and is structured to apport electronic consumption of 1S data. NCDR occurage, jurisdictions to consider implementation of electronic inlarges between NROSS and IS, to enhance efficiency, completeness, and accurage of vaccine history data. However, the CRD completeners, and excurage of vaccine history data. However, the CRD content of the complete durit the limitage functionality may not be feasible in the other time therefore beginning the complete priority and should be used by all jurisdictions to provide vaccine history operating group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
N. meningitidis	Age at Vaccination	The persons age at the time the vaccine was given	VAC105	P	2	This is a high priority data element that will support national surveillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orboarding.	This data element provides essential information on the vaccination history of the case. Although age at case investigation is included in the Generic V2 MMG, NCIGO recognizes that some jurisdictions may collect age information specific to excination history, in addition, the CDC program will not be able to calculate age at vaccination if a case is missing responses for age at case investigation, vaccination date, or date of brith. Please map to this data element if you have the data available, and consider adding age at vaccination to your surveillance system if you do not.

N. meningitidis	Age at Vaccination Units	The age units of the person at the time the vaccine was given	N/A: OBX-6 for VAC105	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sent please glan to update jurisdictions' data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides essential information on the vaccination history of the case. Although age at case investigation is included in the Generic V2 MMG, NCRID recognizes that some jurisdictions may collect age information specified to the case of the
N. meningitidis	Vaccine Event Information Source	The information source for this vaccination record	VAC147	0	1	This data element is of highest priority for reporting. These data elements are critical for national survalinace activities, hirisdiction's data collection system should be modified to collect Priority 1 data elements. If his data element is not currently collected and available to send, please discuss with the CD. Program whether you can orbidout without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine event information source is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
N. meningitidis	Laboratory	Vaccine Preventable Disease (VPD) reference laboratory that will be used along with the patient identifier and specimen identifier to uniquely identify a VPD lab message		P	2	This is a high priority data element that will support national surveillance activities if this data element is not currently collected and available to send please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC text results with NNDSS cases.
N. meningitidis	Identifier	VPD bits message patient identifier that will be used along with the reference bloozatory and specimen identifier to uniquely identify a VPD lab message	LAB598	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a lapal addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC text results with NNDSS cases.
N. meningitidis	VPD Lab Message Specimen Identifier	VPD lab message specimen identifier that will be used along with the paint identifier and reference laboratory to uniquely identify a VPD lab message	LAB125	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC text results with NNDSS cases.
N. meningitidis	Current Occupation	This data element is used to capture the narrative text of a subject's current occupation.	85658-3	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
N. meningitidis	Standardized	This data element is used to capture the CDC NIOCH standard occupation code based upon the narrative text of a subjects current occupation. The National Institute for Occupational Safety and Health (NIOCSH) has developed a web based software tool designation of the standard indication of the standard indication and Occupational Computerized Coding System (NIOCCSI) is available here: http://www.cdc.gov/nioch/topics/coding/overview.html	85659-1	P	2	This is a high priority data element that will support national surveillance activities, if this data element is not currently collexed and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing huture inclusion of these data elements, if not able to collect and transmit at onboarding.	
N. meningitidis	Current Industry	This data element is used to capture the narrative text of subject's current industry.	85078-4	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
N. meningitidis	·	This data element is used to capture the CDC NIOSH standard industry code based upon the narrative text of a subject's current industry. The National Institute for Occupational Safety and Health (NIOSH) has developed a web-based software tool designed to translate industry and occupation text to standardized industry and Occupational Computerized Coding System (NIOCCS) is available here: http://www.cdc.gov/niosh/topics/coding/overview.html	85657-5	P	2	This is a slipp priority data element that will support rational sunveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future fluxion of these data elements, if not able to collect and transmit at onboarding.	

Invasive Pneumococcal Disease (IPD)

National Center for Immunization and Respiratory Diseases (NCIRD), Atlanta, Georgia

Version Date: 4/9/2020

THROUGHOUT THIS DOCUMENT:

- Columns A-E ("Condition," "Data Element Name," "Data Element Description," "Data Element Identifier," "CDC Priority") contain information from the current* MMG for each condition (i.e., generic v2.0, H. influenzae, N. meningitidis, invasive pneumococcal disease, psittacosis, legionellosis).
- Column F ("NCIRD Priority") contains the programmatic priority designation of these data elements.

 The data elements noted as priority 1 or priority 2 in column F are highlighted in dark green or light green, respectively, and are of HIGHEST and HIGH priority, respectively, for inclusion in HL7 message.

 - Jurisdictions' data collection processes and systems should be modified to collect priority 1 and 2 data.
 Data elements noted as priority 3 in column F (highlighted in yellow) should be considered for inclusion in HL7 message but are not of highest or high priority.
- But a elements nurse as princing? an columnir (nigringinet on yearon) should be considered for incusion in HLZ message but are not of nignest or nign priority.

 Abat a elements noted as "Required" in column F (nighighted in orange) are mandatory for sending a case notification via HLZ message.

 Column G ("NCIRD Priority Description") includes standard guidance for each priority level.

 Column H ("Program-Specific Guidance for implementation") includes the context and rationale for the priority designation, in addition to NCIRD guidance for the data element, where applicable.

 If you have questions about the content of this document, please contact the NCIRD Surveillance Data mailbox at NCIRDsurvData@cdc.gov.

*RIBD v1.0 MMG dated 12/13/2019

Condition	Data Element (DE) Name	Data Element Description	Data Element (DE) Identifier	CDC Priority (as on MMG)	NCIRD Priority	NCIRD Priority Description	Program-Specific Guidance for Implementation (where applicable)
IPD	Message Profile Identifier	Message Profile Identifiers provide a literal value to use for the references in MRS-12 MSH-23 MSH-23 MsH-20 are reference to the notification type in the "PHINPORIDED" namespace and a reference to the implemented version of the Generic MMG in the "PHINMSGMADID" namespace. For conditions that have a condition-specific MMG, MSH-21 will also contain a reference to that MMG that is also in the "PHINMSGMADID" namespace.	N/A: MSH-21	R	Required	This das element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
IPD	In Day Care	Does this patient attend a day care facility?	INV615	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
IPD	Long Term Care Resident	Does this patient reside in a long term care facility?	INV636	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone fplease plan to update jurisdiction's data collection system. Some CD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
IPD	Bacterial Infection Syndrome	Types of Infection caused by organism	INV298	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. In surficidition's data collection system should be modified to collect Priority I data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
IPD	Did Underlying Condition(s) Exist	Did the subject have any underlying causes or prior illnesses?	INV235	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone (please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
IPD	Underlying Condition(s)	Listing of underlying causes or prior illnesses	INV236	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC prosposism say request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
IPD	Underlying Conditions Indicator	Underlying Conditions Indicator	INV662	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone fplease plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data provides clinical and epidemiologic information about the disease occurrence.
IPD	Case Investigation Status Code	Case investigation status code	INV109	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element refers to the local case investigation status. CC guidance its os submit notifications early in the investigation rather than waiting until the investigation is finalized. However, NCIRD understands that some jurisdictions may have jurisdiction-specific requirements for the timing of case notifications.
IPD	Patient Address City	Patient address city	N/A: PID-11.3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This information is often used to support specificity in communications between CDC and jurisdictions when providing follow-up and technical assistance.
IPD	Illness Onset Age	These order age	INV143	P	1	This data element is of highest priority for reporting. These data elements are critical for antional surveillance activities. Jurisdiction's data elements reporting the state of the control of the c	
IPD	Illness Onset Age Units	Ilhess onset age units	N/A: OBX-6 for INV143	P	1	inclusion of these data elements, if not able to collect and transmit at onboarding.	illness onset date, or date of birth. Please map to this data element if you have the data available, and consider adding illness onset age to your surveillance system if you do not.
IPD	Hospital ICU	During any part of the hospitalization, did the subject stay in an Intensive Care Unit (ICU) or a Critical Care Unit (ICCU)?	309904001	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on disease severity. Please answer if Hospitalized = Y (Generic V2, DE identifier 77974-4).

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IPD	Residence		75617-1	,	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC prosporam may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
IPD	Pregnancy Status at the Time of First Positive Culture	At the time of first positive culture, was the patient pregnant or postpartum? The postpartum period is defined as the 30 days following a delivery or miscarriage)	INV661	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC prosporam may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on pregnancy-associated infections.
IPD	Pregnancy Outcome	If pregnant or postpartum, what was the outcome of fetus?	63893-2	P	2	This is a high priority data element that will support national surveillance activities: If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on pregnancy-associated infections.
IPD	Gestational Age	If patient <1 month of age, indicate gestational age (in weeks)	18185-9	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on infant infections.
IPD	Birth Weight	ff patient <1 month of age, indicate birth weight	56056-5	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC prosposm may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on infant infections.
IPD	Birth Weight Units		N/A: OBX-6 for \$6056-5	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on infant infections.
IPD	Premature Infant		76517-2	P	2	This is a high priority data element that will support national surveillance activities: If this data element is not currently collected and available to send, please plan to update jurisdictions' adata collection system. Some CDC prosposm may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
IPD	Insurance	Insurance	76437-3	Р	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
IPD	Epi-Linked	is this case Epi-Linked to another confirmed or probable case?	INV217	P	1	This data element is of highest priority for reporting. These data elements are critical for national questilence activities, jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orboarding.	This data is important for understanding IPD epidemiology in the U.S.
IPD	ABCs State ID	ABCs State ID	INV966	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element applies to ABCs jurisdictions. For ABCs cases for which a case notification is also submitted for NNDSS, please include the ABCs state ID in the NNDSS case information so that the two sources can be linked together.
IPD	Pathogen	pathogen? For Streptococcus pneumoniae, the specimen from the current case must have been loalsted 8 or more days after any previous case due to the same pathogen. For all other pathogens, the specimen from the current case must have been loaled 30 or more days after any previous case due to the same pathogen.)	INV975	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to son, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is important for understanding IPD epidemiology in the U.S.
IPD	Previous State ID (Recurrent Case)	StateID of 1st occurrence for this pathogen and person.	INV976	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
IPD			LAB630	p	1	inclusion of these data elements, if not able to collect and transmit at onboarding.	appropriately does not apply an algorithm to impute these responses.
IPD			INV164	P	1	messages. Some COC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
IPD	Test Type	Epidemiologic interpretation of the type of test(s) performed for this case.	INV290	P	1	This data element is of highest priority for reporting. These data elements are critical for national sureillance activities. Instriction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test type is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.

IPD	Specimen Type	Specimen Type from which organism was isolated	66746-9	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority'1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Specimen type is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
IPD	Specimen Collection Date/Time	Date of specimen collection	68963-6	P	1	This data element is of highest priority for reporting. These data elements are critical for rational surveillance activities. Invidiction's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently collected and available to send, please discuss with the CDC Program whether you con obboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Specimen collection date is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
IPD	Test Method	Test Method	85069-3	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sund, please plan to update jurisdictions' data collection system. Some COS programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbicarding.	Test method is important for fully describing the lab testing and test results.
IPD	Organism Name	Bacterial species isolated	LABZ78	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect! Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDF Program whether you can orbicand without that element being available and included in the messages. Some CDF programs may request a plan addressing future inclusion of these data elements, if nor able to collect and transmit at onboarding.	Organism name is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
IPD	Test Result	Epidemiologic interpretation of the results of the test(s) performed for this case. This is a qualitative test result (e.g. positive, detected, negative)	INV291	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDP Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test result is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
IPD	Test Result Quantitative	Quantitative Test Result Value	LAB628	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
IPD	Result Units	Units of measure for the Quantitative Test Result Value	LAB115	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
IPD	Serotype	What was the serotype?	INV706	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send please discuss with the CDP Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Serotype is important for understanding the epidemiology of IPD cases in the U.S. This variable is also assessed as a key variable for completeness through the surveillance indicators.
IPD	Serotype Method	Serotype Method	LAB532	P	2	This is a high priority data element that will support national surveillance activities: If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Performing Laboratory Type	Performing laboratory type	82711-7	P	1	This date element is of highest priority for reporting. These date elements are critical for national surveillance activities. Invincicion's data collection system should be modified to collect Priority 1 data elements. If this data elements in oncurrently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on whether a CDC laboratory, VPD Reference Centre or other type of bloarotrop performed the text, which is important for linking results to specific cases and for assessing the applicability of the test results.
IPD	Performing Laboratory Name	Reporting laboratory name	68994-3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
IPD	Test Manufacturer	Test Manufacturer	LAB650	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to some please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test manufacturer provides information about how the test results should be interpreted and may help to fully describe the lab testing and test results.
IPD	Specimen Sent to CDC	Was a specimen sent to CDC for testing?	82314-6	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to come please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This information assists CDC in linking the specimen identifier and CDC-tested lab results.
IPD	Lab Accession Number	Lab Accession Number (including CDC Lab ID)	INV978	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	The lab accession number is used to assist in locating/identifying test results for specific cases.
IPD	Date Specimen Sent to CDC	Date specimen sent to CDC.	85930-6	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to son, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	If a specimen is sent to CDC, it is important to know when it was sent to assist in locating/identifying test results for specific cases.

IPD	Did the Subject Ever Receive a Vaccine Against This Disease	Did the subject ever receive a vaccine against this disease?	VAC126	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdictions data collection system should be modified to collect Priority 1 data elements. If this data element is not currenly collected and available to send, please discuss with the CDP Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if nor able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the vaccination status of IPD cases in the U.S. Although an algorithm could impute a response of "Yes" for this data element if any vaccination data are provided in the case notification, vaccination data are often missing especially early in the investigation. Therefore, it would not be appropriate to impute a response of "No" for this data element when no vaccination data are entered. NCIRD has consequently assigned a "highest priority are entered. NCIRD has consequently assigned a "highest priority and algorithm to impute these responses. This variable is also assessed as a key variable for completeness through the surveillance indicators.
IPD	Date of Last Dose Prior to Illness Onset	Date of last vaccine dose against this disease prior to illness onset	VAC142	P	1	This data element is of highest priority for reporting. These data elements are dritted for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements in sort currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the vaccination status of IPO cases in the U.S. Although this could be determined through an algorithm if there are any vaccination data provided in the case notification, vaccination data are often missing (especially early in the investigation).
IPD	Vaccination Doses Prior to Onset	Number of vaccine doses against this disease prior to illness onset	82745-1	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send please discuss with the CDP roggam whether you can onboard without that element being available and included in the messages. Some CDP programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is used for understanding the vaccination status of IPD cases in the U.S.
IPD	Vaccinated per ACIP Recommendations	Was subject vaccinated as recommended by the Advisory Committee on Immunization Practices (ACIP?	VAC148	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities, jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements in sort currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides important information as to whether the case was vaccinated according to the ACIP recommendations. The question is broadly phrased to capture whichever ACIP recommendations are relevant. Jurisdictions should answer this question in the context of current ACIP guidelines. Note that the intention of this question is to identify whether the case was appropriately following ACIP recommendations, whether vaccinated or not.
IPD	Reason Not Vaccinated Per ACIP Recommendations	Reason subject not vaccinated as recommended by ACIP	VAC149	P	1	onboarding.	This data element provides important information as to whether the case was vaccinated according to the ACIP recommendations. The question is broadly phrased to capture whichever ACIP recommendations are relevant. Jurisdictions should answer this question in the context of current ACIP guidelines. Note that the intention of this question is to describe why the case was not vaccinated at all, or was not vaccinated appropriately as recommended by ACIP.
IPD	Vaccine History Comments	Vaccine History Comments	VAC133	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
IPD	Vaccine Type	The type of vaccine administered for the condition being reported	30956-7	P	1	This das element is of highest priority for reporting. These data elements are critical for national outsillance activities. Invidiction's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently collected and available to send, please discuss with the CDC Program whether you con onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine type is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
IPD	Vaccine Administered Date	The date that the vaccine was administered	30952-6	P	1	This data element is of highest priority for reporting. These data elements are ortifical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements in sort currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine date is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
IPD	Vaccine Manufacturer	The company which manufactured the vaccine	30957-5	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data elements in sort currently collected and available to send, please discuss with the CDC Program whether you can onbeard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine manufacturer is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
IPD	Vaccine Lot Number	The lot number for the vaccine administered	30959-1	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to seno, please plan to update jurisdictions data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is of high/optional priority. This data element is part of the IIS repealing group, and is structured to support electronic consumption of IIS data. NCIRD encourages jurisdictions to consider implementation of electronic linkages between NNDSS and IIS, to enhance efficiency, completeness, and accuracy of vaccine history data. However, NCIRD understands that the linkage functionality may not be feasible in the short-term; therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history expending group is of highest priority and should be used by all jurisdictions to provide vaccine history depending proup is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
IPD	Vaccine Dose Number	The dose number in a series	30973-2	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Justicicition's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDP Program whether you can onboard without that element being available and included in the messages. Some CDP programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine dose is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.

IPD	Vaccine Expiration Date	The expiration date for the vaccine administered	VAC109	P	2	This is a high priority data element that will support national	This data is of high/optional priority. This data element is part of the IIS
						surveillance activities. If this data element is not currently collected and available to son, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	repeating group, and is structured to support electronic consumption of IS data. NCIRD encorages jurisdictions to consider implementation of electronic linkages between NNDSS and ItS, to enhance efficiency, completeness, and accuracy of vaccine history data. However, NCIRD understands that the linkage functionality may not be feasible in the short-term; therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history repeating group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
IPD	National Drug Code (NDC)	NDC from the vaccine's bar code can be used to obtain vaccine brand name and manufacturer.	VAC153	P	2	This is a high priority data element that will support national surveillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is of high/optional priority. This data element is part of the IS repeating group, and is structured to support electronic consumption of IS data. NCIRD encourages jurisdictions to consider implementation of electronic linkages between NROSS and Its, to enhance efficiency, completeness, and accuracy of vaccione history data. However, NCIRD understands that the linkage functionality may not be feasible in the short-term; therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccine history repeating group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
IPD	Vaccination Record Identifier	Vaccination record identifier	VAC102	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to seno, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data is of high/optional priority. This data element is part of the IS repeating group, and is structured to support delectronic consumption of IS data. NCIRD encourages jurisdictions to consider implementation of electronic initiages between NNIOSS and Its, to enhance efficiency, completeness, and accuracy of vaccione history data. However, NCIRD understands that the linkage functionality may not be leasible in the short-term; therefore these elements do not need to be completed until the jurisdiction is able to implement the electronic linkage. Note that the vaccion history repeating group is of highest priority and should be used by all jurisdictions to provide vaccine history data until electronic linkages are implemented.
IPD	Age at Vaccination	The persons age at the time the vaccine was given	VAC10S	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adta collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides essential information on the vaccination history of the case. Although age at case investigation is included in the Generic V2 MMG, NCRD recognizes that some jurisdictions may collect age information specific to vaccination history. In addition, the CDC program will not be able to calculate age at vaccination if a case is missing responses for age at case investigation, vaccination date, or date of britth. Please map to this data element if you have the data available, and consider adding age at vaccination to your surveillance system if you do not.
IPD	Age at Vaccination Units	The age units of the person at the time the vaccine was given	N/A: OBX-6 for VAC105	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions' adta collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides essential information on the vaccination history of the case. Although age at case investigation is included in the Generic V2 MMG, NCIRD recognizes that some jurisdictions may collect age information specific to vaccination history, in addition, the CDC program will not be able to calculate age at vaccination if a case is missing responses for age at case investigation, vaccination date, or date of brith. Please map to this data element if you have the data available, and consider adding age at vaccination to your surveillance system if you do not.
IPD	Vaccine Event Information Source	The information source for this vaccination record	VAC147	0	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Juridiction's data collection system should be modified to collect Priority 1 data elements. If this data elements is not currently, collected and available to send, please discuss with the CDC Program whether you con onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Vaccine event information source is a key component of the vaccination history repeating group and provides essential information on the vaccination history of the case.
IPD	Susceptibility Test	Was any susceptibility data available?	LAB222	P	2	This is a high priority data element that will support national surveillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Oxacillin Zone Size	Oxacillin Zone Size	INV299	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Oxacillin Interpretation	Oxacillin Interpretation	INV300	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sem, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Antimicrobial Susceptibility Test Type	Antinicobial Susceptibility Test Type would includes drugs, enzymes, PCR and other genetic tests to detect the resistance against specific drugs.	LABAST6	P	2	This is a high priority data element that will support national surveillance archives if this data element is not currently collected and available to send, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Susceptibility Testing Performing Lab Type	Susceptibility testing performing lab type	LABAST15	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to son, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Antimicrobial Susceptibility Test Method	Antimicrobial Susceptibility Test Method (e.g. E-Test, MIC, Disk Diffusion)	LABAST7	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to son, please plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Antimicrobial Susceptibility Test Interpretation	Antimicrobial Susceptibility Test Interpretation (e.g. Susceptible, Resistant, Intermediate, Not tested)	LABAST8	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to son, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.

IPD	Minimum Inhibitory Concentration Sign	numerical MIC (minimum inhibitory concentration) value	LAB113	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurkdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	Antimicrobial Susceptibility Test Result Quantitative Value		LABAST9	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC prosporam may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results and case classification.
IPD	VPD Lab Message Reference Laboratory	Vaccine Preventable Disease (VPD) reference laboratory that will be used along with the patient identifier and specimen identifier to uniquely identify a VPD lab message	LAB143	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to sone please plan to update jurisdiction's data collection system. Some CD C programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC test results with NNOSS cases.
IPD	VPD Lab Message Patient Identifier	VPD lab message patient Identifier that will be used along with the reference laboratory and specinen identifier to uniquely identify a VPD lab message	LAB598	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurkdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC test results with NNDSS cases.
IPD	VPD Lab Message Specimen Identifier	VPD lab message specimen identifier that will be used along with the patient incentifier and reference laboratory to uniquely identify a VPD lab message	LAB125	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC prosporams may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element can be used to establish capacity for linking VPD RC test results with NNOSS cases.
IPD	Current Occupation	This data element is used to capture the narrative text of a subject's current occupation.	85658-3	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC prosporam may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
IPD	Current Occupation Standardized	This data element is used to capture the CDC NIOSH standard coupation cells based upon the narrative text of a subject's current occupation. The National Institute for Occupational Safety and Health (NIOSH) has developed a web-based software tool designed to translate industry and occupation text to standardized industry and Occupational Complexied Coding System (NIOCS) is available here: http://www.cdc.gov/niosh/topics/coding/overview.html	85659-1	P	2	This is a high priority data element that will support national sunceillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
IPD	Current Industry	This data element is used to capture the narrative text of subject's current industry.	85078-4	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC prosporam may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
IPD	Current Industry Standardized	This data element is used to capture the CDC NIOSH standard industry code based upon the narrative text of a subject's current industry. The National Institute for Occupational Safety and Health (NIOSH) has developed a web based software tool designed to translate industry and occupation text to standardized industry and Occupational Computerized Coding System (NIOCCS) is available here: http://www.cdc.gov/niosh/topics/coding/overview.html	88657-5	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	

Psittacosis
National Center for Immunization and Respiratory Diseases (NCIRD), Atlanta, Georgia Version Date: 4/9/2020

THROUGHOUT THIS DOCUMENT:

- Columns A-E ("Condition," "Data Element Name," "Data Element Description," "Data Element Identifier," "CDC Priority") contain information from the current" MMG for each condition (i.e., generic v2.0, H. influenzoe, N. invasive pneumococcal disease, psittacosis, legionellosis).

 Column F ("NCIRD Priority") contains the programmatic priority designation of these data elements.

 The data elements noted as priority 1 or priority 2 in column F are highlighted in dark green or light green, respectively, and are of HIGHEST and HIGH priority, respectively, for inclusion in HL7 message.

 Jurisdictions' data collection processes and systems should be modified to collect priority 1 and 2 data.

 Data elements noted as priority 3 in column F (highlighted in yellow) should be considered for inclusion in HL7 message but are not of highest or high priority.

 Data elements noted as "Required" in column F (highlighted in orange) are mandatory for sending a case notification via HL7 message.

 Column G ("NCIRD Priority Description") includes standard guidance for each priority level.

 Column H ("Program-Specific Guidance for Implementation") includes the context and rationale for the priority designation, in addition to NCIRD guidance for the data element, where applicable.

 If you have questions about the content of this document, please contact the NCIRD Surveillance Data mailbox at NCIRDsurvData@cdc.gov.

 RIBD v1.0 MMG dated 12/13/2019 Columns A-E ("Condition," "Data Element Name," "Data Element Description," "Data Element Identifier," "CDC Priority" contain information from the current" MMG for each condition (i.e., generic v2.0, H. influenzae, N. meningitidis,

Condition	Data Element (DE) Name	Data Element Description	Data Element (DE) Identifier	CDC Priority (as on MMG)	NCIRD Priority	NCIRD Priority Description	Program-Specific Guidance for Implementation (where applicable)
Psittacosis		Message Profile Identifiers provide a literal value to sue for the references in MR-12. MS-12 will always contain a reference to the notification type in the "PHINProfileD" namespace and a reference to the inplemented version of the Generic MMG in the "PHINMrgMaglo" namespace. For conditions that have a contain-or-specific MMG, MSH-1 will also contain a reference to that MMG that is also in the "PHINMrgMaglo" namespace.		R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes.	
Psittacosis	Current Occupation	This data element is used to capture the narrative text of a subject's current occupation.	85658-3	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Psittacosis		This data element is used to capture the CDC NIOSH standard occupation code based upon the narrative text of a subject's current occupation. The National Institute for Occupational Safety and Health (NIOSH) has developed a web based software tool design for translate industry and occupation text to standardized industry and Occupation Codes. The NIOSH industry and Occupational Computerized Coding System (NIOCCS) is available here: http://www.cdc.gov/niosh/hopics/coding/overview.html	85659-1	P	2	This is a slipp priority data element that will support national sunceillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing hume inclusion of these disk elements, if not able to collect and transmit at onboarding.	
Psittacosis	Current Industry	This data element is used to capture the narrative text of subject's current industry.	85078-4	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Psittacosis		This data element is used to capture the CDC NUCH transland industry code based upon the narrative text of a subject's current industry. The National Institute for Occupational Safety and Health (NOSH) has developed a web based software tool design to translate industry and occupation text to standardized industry and Occupation codes. The NIGSH industry and Occupational Computerized Coding System (NIOCCS) is available here: http://www.cdc.gov/niosh/htpsics/coding/overview.html	85657-5	P	2	This is a high priority data element that will support rational surveillance activities, if this data element is not currently collected and available to send please plan to update jurisdictions data collection system. Some CCC programs may request a plan addressing hume inclusion of these data elements, if not able to collect and transmit at orboarding.	
Psittacosis	Signs and Symptoms	Indicate what symptoms of interest the patient had during the course of the illness	56831-1	P	1	This data element is of highes priority for reporting. These data elements are critical for rational surveilance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CCP Program whether you can onboard without that element being available and included in the messages. Some CCP programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the clinical presentation of the cases to support ace dissification. In addition, this information also supports understanding of the epidemiology of the cases.
Psittacosis	Signs and Symptoms Indicator	Indicator for associated sign and symptom	INV919	P	1	This data element is of highes priority for reporting. These data elements are ordical for rational surrelance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can orboat without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclused or these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the clinical presentation of the cases to support see dissoffication. In addition, this information also supports understanding of the epidemiology of the cases.
Psittacosis		during this illness?	81265-1	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Temperature Units	Units for highest measured temperature	N/A: OBX-6 for 81265-1	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Antibiotics Given	Did the subject take antibiotics as treatment for this illness?		P	2	This is a hijly priority data element that will support national surveillance activities if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on treatment.
			29303-5	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis		Total daily dose of the antibiotic received – For example doxycycline 100mg twice per day would be recorded as doxycycline 200mg	18615-5	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Antibiotic Dose Units	Dose units of the antibiotic received	N/A: OBX-6 for 18615-5	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Date Treatment or Therapy Started		86948-7	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Stopped	Stop date of antibiotic	63939-3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Treatment Duration	Number of days the patient actually took the antibiotic	67453-1	Р	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	

Psittacosis	Hospital ICU	During any part of the hospitalization, did the subject stay	309904001	P	2	This is a high priority data element that will support national	This data element provides information on disease severity.
		in an Intensive Care Unit (ICU) or a Critical Care Unit (ICCU)?				surveillance activities. If this data element is not currently collected and available to sond please plan to update purisdictions' data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Please answer if Hospitalized = Y (Generic V2, DE identifier 77974-4).
Psittacosis	Laboratory Testing Performed	Was laboratory testing done to confirm the diagnosis?	LAB630	P	1	This data element is of highest priority for reporting. These data elements are ordical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can orboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Although an algorithm could impute a response of "Yes" for this data element if any laboratory data are protected in the case notification, laboratory data are rotted in the case notification, laboratory data are often missing (especially early in the investigation). Therefore, it would not be appropriate to impute a response of "No" for this data element when no laboratory data are entered. NCRD has consequently assigned a "highest priority" designation to this data element, as NCRD appropriately does not apply an algorithm to impute these responses.
Psittacosis	Laboratory Confirmed	Was the case laboratory confirmed?	INV164	P	1	This data element is of highest priority for reporting. These data elements are critical for rotational survivalence activities. Jurisdictions' data collection system should be modified to culced Priority 1 data elements. If this data element is not currently, collected and available to send, please discuss with the CDC Program whether you can orbinave without that element possible available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbicarding.	Although an algorithm could impute a response of "Yes" for this data element if any baloatory data are produced in the case notification, laboratory data are rother missing (especially early in the investigation). Horefore, it would not be appropriate to impute a response of Yes' for this data element when no laboratory data are entered. NCRID has concequently assigned a highest printing "designation to this data element, as NCRID appropriately does not apply an algorithm to impute these responses."
Psittacosis	Test Type	Epidemiologic Interpretation of the type of test(s) performed for this case.	INV290	P	1	This data element is of highest priority for regoriting. These data elements are orditing for rational surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can orboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Test type is a key component of the epilab repeating group and is important for fully describing the lab testing and test results.
Psittacosis	Titer Test Type	If this is a titer, indicate if this is an initial/acute or convalescent titer (Titer Test Type)	LAB653	P	1	This data element is of highest priority for regoriting. These data elements are critical for rational survivations extinctly. Jurisdiction's data collection system should be modified to culted Priority 1 data elements: If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can orbinave without that element available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbicarding.	Data elements related to antibody titer results are used for pritacosis case classification.
Psittacosis	Titer Test Method	If this is a tirer, indicate the methodology used for acute and/or convalescent titer (Titer test method)	LAB654	P	1	This data element is of highest priority for reporting. These data elements are critical for rotational survivalence activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently, collected and available to send, please discuss with the CDC Program whether you can orbinave without that element is available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Data elements related to antibody liter results are used for pritacosis case classification.
Psittacosis	Organism Name	Bacterial species identified	LAB278	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's that collection pytems below the collection of the critical below the collection of these data elements, if not able to collect and transmit at orrobarding.	Organism name is a key component of the epi lab repeating group and is important for fully describing the lab testing and text results.
Psittacosis	Test Result	Epidemiologic interpretation of the results of the test(s) performed for this case. This is a qualitative test result (e.g. positive, detected, negative)	INV291	P	1	This data element is of highest priority for reporting. These data elements are critical for rational surveilness extincts invisitions data collection system should be uncodified to collect Priority 1 data elements: If this data element is not currently collected and available to send, please discuss with the CD Program whether you can orbicate without that element is not invisit and and included in the messages. Some CDC programs whether you can orbication of these data elements, if not able to collect and transmit at onboarding.	Test result is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
Psittacosis	Specimen Type	Specimen type from which the organism was identified	66746-9	P	1	This data element is of highest priority for reporting. These data elements are ordinal for national survalinace activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send please discuss with the CDC Program whether you can orboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Specimen type is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
Psittacosis	Specimen Collection Date/Time	Date of specimen collection	68963-8	P	1	This data element is of highest priority for regoriting. These data elements are ordinal for national survinate activities: Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can orboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Specimen collection date is a key component of the epi lab repeating group and is important for fully describing the lab testing and test results.
Psittacosis	Test Result Quantitative	Quantitative Test Result Value	LAB628	P	1	This data element is of highest priority for reporting. These data elements are critical for rational surrollance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send please discuss with the CDC Program whether you can orboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Date elements related to antibody titer results are used for prittacosis case classification. Please use the Quantitative Test Result and Result Units data elements to send titer results for serologic tests.

Psittacosis	Result Units	Units of measure for the Quantitative Test Result Value	LABIIS	P		This data element is of highest priority for reporting. These data elements are critical for national survillance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If his data element is not currently collected and available to send, please discuss with the CDC Program whether you can orhotout without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	Data elements related to antibody titer results are used for politacosis case classification. Please use the Quantitative Test Result and Result Units data elements to send titer results for serologic tests.
Psittacosis	Performing Laboratory Type	Performing laboratory type	82771-7	P	1	This data element is of highest priority for reporting. These data elements are critical for rational survalinace activities. Jurisdiction's data collection system should be modified to collect Priority 1. data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element be parallable and included in the messages. Some CDC programs whether requests at plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This date element provides information on whether a CDC laboratory, VPD Reference Center cother type of laboratory performed the test, which is important for linking results to specific cases and for assessing the applicability of the test results.
Psittacosis	Performing Laboratory Name	Reporting laboratory name	68994-3	P	2	This is a high priority data element that will support rational surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdictions data collection system. Some CCC programs may request a plan addressing thus inclusion of these data elements, if not able to collect and transmit at onboarding.	Performing lab name is used to interpret the lab results, such as providing information on the kind of serologic test that was performed.
Psittacosis	Test Manufacturer	Test Manufacturer	LA8650	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to each glease plan to update jurisdictions' data collection system. Some CDC programs may request a plan addressing thus in circulation of these dise elements, if not able to collect and transmit at onboarding.	Test manufacturer provides information about how the test results should be interpreted and may help to fully describe the lab testing and test results.
Psittacosis	Specimen Sent to CDC	Was a specimen sent to CDC for testing?	82314-6	P	2	This is I high priority data element that will support national smelliture, activities if this data element in our currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCD programm pay request a jam addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This information assists CDC in linking the specimen identifier and CDC-tested lab results.
Psittacosis	Date Specimen Sent to CDC	Date specimen sent to CDC	85930-6	P	2	This is a high priority data element that will support rational surveillance activities, if this data element is not currently collected and available to send, please plan to update jurisdiction's data collection systems. Some CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbioarding.	If a specimen is sent to CDC, it is important to know when it was sent to assist in locating/identifying test results for specific cases.
Psittacosis	Autopsy Specimen Type	Type of autopsy specimen	LAB655	P	1	This data element is of highest priority for regoring. These data elements an exitind for national survination excitivities lurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onhorate without that element available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is of highest priority specifically for cases with diagnost based on an autopy specimer. Please update jurisdiction surveillance activities to collect this case information and also revise NMDSS data collection interface to support entry/submission of data for this element. This data element is only populated for cases where an autopsy was done.
Psittacosis	Result of Autopsy	Autopsy result	85691-4	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. In the control of the control	This data element is of highest priority specifically for cases with diagnosis based on an autopps specimen Please update jurisdiction surveillance activities to caller this case information and also revise MNDSS data collection interface to support entry/submission of data for this element. This data element is only populated for cases where an autopsy was done.
Psittacosis	Date of Autopsy	Date of autopsy (date autopsy specimen collected)	75711-2	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect flowing the about be modified to collect flowing to flow place discuss with the CDC Program whether you can orobord without that element being available and included in the messages, some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is of highest priority specifically for cases with diagnosis based on an autopp specimen. Please update jurisdiction surveillance activities to collect his case information and also revies NNDSS data collection interface to support entry/submission of data for this element. This data element is only populated for cases where an autopsy was done.
Psittacosis	Autopsy Laboratory Name	Autopsy Laboratory Name	LAB656	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Underdictive and collection system should be modified to collect from the collection system should be modified to collect fromity it data elements. If this data element is not currently, collected and available to seek places discuss with the collection of the co	This data element is of highest priority specifically for cases with diagnosis based on an autopp specimen. Please update principation surveillance activities to collect his case information and also review NNDSS data collection interface to support entry/submission of data for this element. This data element is only populated for cases where an autopsy was done.
Psittacosis	Chest X-ray for Pneumonia	Result of chest x-ray for pneumonia	INV923	P	2	This is a high priority data determent that will support national surveillance activities, this data element in our currently collected and available to send, please plan to update jurisdiction's data collection systems own CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at orbioarding.	This data element provides information on the clinical presentation of the cases to support acceleration of the cases to support acceleration of the supports understanding of the epidemiology of the cases.
Psittacosis	Date of Chest X-ray	Date of Chest X-ray	INV1096	P	2	This is a high priority data element that will support rational sometimes are the state of the same and the s	This date element provides information on the clinical presentation of the cases to support can distinct minimum and an administration of the cases supports understanding of the epidemiology of the cases.
Psittacosis	Occupation at Date of Onset	Occupation at date of onset	INV1099	P	1	This data element is of highest priority for reporting. These data elements are critical for national survalence activities Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request as plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.

Psittacosis	Industry at Date of Onset	Industry at date of onset	INV1100	p	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to	This data element supports understanding of the epidemiology of the cases.
						Collect Priority data elements: If this data element is not currently collected and saulable to send please discuss with the CDC Program whether you can orbibard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Psittacosis	Occupational Duties	Occupational duties	INV1098	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If lift data element is not currently collected and available to send please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request at plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Personal Protective Equipment	At the time of exposure, which of the following personal protective equipment was used by the patient?	INV1047	P	2	This is high priority data element that will support rational sometillance activities if this data element in our currently collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases and politacoils prevention.
Psittacosis	Respiratory Protective Equipment	If respiratory protective equipment was used at the time of exposure, specify what kind	INV1048	P	2	This is high priority data element that will support rational unrealized activities if this data element to not correstly collected and available to send, please plan to update jurisdiction's data collection system. Some CCC programs may request a jurisdiction's data elements, if not able to collect and transmit at orbicarding.	This data element supports understanding of the epidemiology of the cases and partiacosis prevention.
Psittacosis		Does the patient get annual respirator fit testing and training?	INV1049	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Glove Material	If gloves were used, specify glove material	INV1050	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	
Psittacosis	Contact Type	Indicate which of the following contacts patient had during 5 weeks prior to onset	INV603	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveilance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If life data elements into currenty collected and available to send please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Bird Type	What type of bird did the patient have contact with during the 5 weeks prior to onset?	INV1051	P	1	This data element is of highest priority for reporting. These data elements are critical for national survillance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If life data elements not currently collected and available to send, please discuss with the CDC Program whether you can onhorate without that element available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Bird Species	Bed species	INV1052	P	1	This das element is of highest priority for reporting. These data elements are critical for national surveillance activities: Jurisdiction's data collection system should be medified to collect Priority 1 data elements. If this data element is not currently collected and available to send please discuss with the CDC Program whether you can onboard without that element being available and included in the missages, form CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Number of Birds	Approximate number of birds	INV1053	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Undication is discolation system should be modified to collect frontiny to data elements. If this data element is not contently collected and available to see places discoss with the CCX Program whether you can orbitod without that element beginning available and included in the messages, some CCX programs may request a plan addressing future includes of these data elements, if not able to collect and transmit at orrobarding.	
Psittacosis	Healthy Bird	Were the birds healthy?	INV1054	P	1	This data element is of highest priority for reporting. These data elements are critical for rational survalence activities. Jurisdiction's data collection system should be modified to collect Priority 1 Stata elements: If this data element is not currently collected and available to send, please discuss with the CQC Program whether you can onhouse without that element available and included in the messages. Some CCC programs may request as plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	
Psittacosis	Non-Healthy Bird Details	Non-healthy bird exposure detail	INV105S	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Unstruction's data collection system should be modified to collect frontity t data elements. If this data element is not currently, collected and available to see places discuss with the CDC Program whether you can oroboard without that element beginned available and included in the messages, some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at oroboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Type of Establishment Where Exposure Occurred	Type of establishment where the exposure occurred	INV1102	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Juridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to an onlice places discuss with the CDC Program whether you can onboard without that element begin available and included in the messages some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.

Psittacosis	Name of Establishment Where Exposure Occurred	Name of establishment where the exposure occurred	INV1056	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to seek places discuss with the CDC Program whether you can onboard without that element being available and included in the messages, Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Address of Establishment Where Exposure Occurred	Address of establishment where the exposure occurred	INV1057	P	1	nis data element is of highest priority for reporting. These data remement are retired for rational surveilance activities torisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Transmission Settling	Exposure setting	81267-7	P	1	This data element is of highest priority for reporting. These data elements are critical for national survollance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Date of Exposure	Date of exposure	INV10S8	P	1	This data element is of highest priority for reporting. These data elements an erditinal for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onhoot without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.
Psittacosis	Case Investigation Status Code	Case Investigation Status Code	INV109	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element refers to the local case investigation status. CDC guidance is to submit notifications early in the investigation, rather than waiting until the investigation is finalized. However, NIRD understands that some jurisdictions may have jurisdiction-specific requirements for the timing of case notifications.
Psittacosis	Patient Address City	Patient Address City	N/A: PID-11.3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This information is often used to support specificity in communications between CDC and jurisdictions when providing follow-up and technical assistance.
Psittacosis	illness Onset Age	illness onset age	INV143	P	1	This data element is of highest priority for reporting. These data elements are critical for rational survivalence activities. In the control of the contr	This data element provides important epidemiologic information. Although age at case investigation is included in the Generic V2 MMG, NIGIP recognises that some pirisdificions may collect age information specific to onest in addition, the CCC program will not be able to calculate illness conest age if a case is missing response for age at case investigation, illness onest data, or date of brith. Please may to this data element if you have the data available, and Consider adding illness onest age to your surveillance system if you do not.
Psittacosis	illness Onset Age Units	illees onset age units	N/A: OBX-6 for INV143	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides important epidemiologic information. Although age at case investigation is included in the Generic V2 MMG, NCRD recognizes that some jurisdictions may collect age information specific convent. In addition, the CCD groups will not be able to calculate illness onset age if a case is missing responses for age at case investigation, liness onset date, or date of birth. Please map to this data element if you have the data available, and consider adding illness onset age to your surveillance system if you do not.

Legionellosis

National Center for Immunization and Respiratory Diseases (NCIRD), Atlanta, Georgia

Version Date: 4/9/2020

- THROUGHOUT THIS DOCUMENT:

 Columns A-E ("Condition," "Data Element Name," "Data Element Description," "Data Element Identifier," "CDC Priority") contain information from the current" MMG for each condition (i.e., generic v2.0, H. influenzae, N. meningitidis, invasive pneumococcal disease, psittacosis, legionellosis).

 Column F ("NCIRD Priority") contains the programmatic priority designation of these data elements.

 *The data elements noted as priority to priority? In column F are highlighted in dark green or light green, respectively, and are of HIGHEST and HIGH priority, respectively, for inclusion in HL7 message.

 *Jurisdictions' data collection processes and systems should be modified to collect priority 1 and 2 data.

 *Data elements noted as priority 3 in column F (highlighted in yellow) should be considered for inclusion in HL7 message but are not of highest or high priority.

 *Data elements noted as "Required" in column F (highlighted in orange) are mandatory for sending a case notification via HL7 message.

 *Column G ("NCIRD Priority Description") includes standard guidance for each priority level.

 *Column H ("Program-Specific Guidance for implementation") includes the context and rationale for the priority designation, in addition to NCIRD guidance for the data element, where applicable.

 *Hyou have questions about the content of this document, please contact the NCIRD Surveillance Data mailbox at NCIRDsurvData@cdc.gov.

 **RIBD v1.0 MMG dated 12/13/2019

Condition	Data Element (DE) Name	Data Element Description	Data Element (DE) Identifier	CDC Priority (as on MMG)	NCIRD Priority	NCIRD Priority Description	Program-Specific Guidance for Implementation (where applicable)	SLDSS Mapping Information
Legionellosis Legionellosis	Message Profile Identifier	Message Profile Identifiers provide a literal value to use for the references in MSP-12. MSP-12 will always contain a reference to the notification type in the "PHNN"rofileID" namespace and a reference to the implemented version of the Generic MMG in the "PHNMSydNapID" namespace. For conditions that have a condition-specific MMK, MSH-21 will also contain a reference to that MMG that is also in the "PHNMSydNapID" namespace.	N/A: MSH-21	R	Required	This data element is mandatory for sending a message. If the required data element is not present, the message will be rejected. The required data elements alone are not sufficient for national surveillance purposes. This data element is of highest priority for reporting. These data		N/A
Ecginicassas						elements are critical for national surveillance activities. Jurisdictions's data collection system should be modified to collect Priority's data elements. If this data element is not currently collected and available to early besee discuss with the CDC Program whether you can orboard without that element being available and included in the collection of these data elements, if not able to collect and trusted in the collection of these data elements, if not able to collect and trusted at collection of these data elements, if not able to collect and trusted at collection of these data elements, if not able to collect and trusted at collection of these data elements, if not able to collect and trusted at collection of these data elements, if not able to collect and	disease occurrence.	
Legionellosis	Hospital Name	Hospital Name where patient was hospitalized during treatment for legionellosis	58237-9	P	2	This is a high priority data element that will support national survaillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection systems some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.	Hospcasena
Legionellosis	City of Treatment Hospital	City where patient was hospitalized during treatment for legionellosis	INV1060	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data of collection systems some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.	Hospcity
Legionellosis	State of Treatment Hospital	State where patient was hospitalized during treatment for legionellosis	INV1061	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected surveillance activities. If this data element is not currently collection collection system. Some COC programs may support the election system. Some COC programs may support the addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.	Hospstate
Legionellosis	Case Investigation Status Code	Case investigation status code	INV109	Р	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This data element refers to the local case investigation status. CDC guidance is to submit notifications early in the investigation, rather than waiting until the investigation is findlized. However, NGRD understands that some jurisdictions may have jurisdiction-specific requirements for the timing of case notifications.	N/A
Legionellosis	Patient Address City	Patient address city	N/A: PID-11.3	Р	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.	This information is often used to support specificity in communications between CDC and jurisdictions when providing follow-up and technical assistance.	N/A
Legionellosis	Illness Onset Age	Age at illness onset	INV143	P	1	This data element is of highest priority for reporting. These data elements are critical for rational surveillence activities. Jurisdiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides important epidemiologic in Gramation. Although age at case investigation is included in Generic V2 MIMIC, NIGID recognizes that some jurisdictions may collect age information specific to onset in addition, the CDC program will not be able to calculate liness cortea get if a case in missing responses for age at case investigation, illness onset date, or date of birth. Please map to this date element if you have the data available, and consider adding illness onset age to your surveillance system if you do not.	Age
Legionellosis	Illness Onset Age Units	Age units at illness onset	N/A: OBX-6 for INV143	P	1	the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides important epidemiologic information. Although age at case investigation is included in the Genetic V2 MMM, NLRIOR recognises that some judicionism may collect age information specific to corset. In addition, the CCC program will not be able to acclude liness cornet age if a case is mixing responses for age at case investigation, limes somest date, or date of birth. Places may to this date element if you have the data available, and consider adding illness onset age to your surveillance system if you do not.	AgetInit
Legionellosis	Nights Away From Home	In the 14 days before cruser, did the patient spend any nights away from home (excluding healthcare settings)?	INV1062	P	1	This data element is of highest priority for reporting. These data elements are celled for national surveillance activate. Justicidents elements are celled for national surveillance activate. Justicidents and the second surveillance of t	This data element provides information on the epidemiology of travel and accommodation-associated exposures, used for both surveillance and real time public health response.	Travel·History
Legionellosis	Name of Accommodation	Accommodation Name where patient spent nights away from home	TRAVEL42	P	1	This data element is of highest priority for reporting. These data elements an existing for rational surveillence activate. Invidiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and include in the messages. Some CDC programs may request a plan addressing future inclusion of been data elements. If not able to collect and transmit at onboarding.	This data element provides information on the opidemiology of trend and accommodation-associated exposures, used for both surveillance and real time public health response.	HotelName
Legionellosis	Street Address of Accommodation	Street Address where patient spent riights away from home	TRAVEL43	P	,		This data element provides information on the epidemiology of travel and accommodation-associated exposure, used for both surveillance and real time public health response.	TravelAddy

	In	I	I	1-			I	-
Legionellosis Legionellosis	State of Accommodation	State where patient spent nights away from home City where patient spent nights away from home	TRAVEL4	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Juridiction's data collection system should be modified to collect Priority 1 data elements it his data elements in this data elements in this data elements in this data elements in this data elements in data elements. If not active the collected and available to send, please obscure with the CDF program whether you con relocard without that elements gaantiles and relocated in your full control of the collect and transmit at on-boarding. This data element is of highest priority for reporting. These data	This data element provides information on the epidemiology of travel and accommodation-associated exposure, used for both surveillance and real time public health response.	TravelState TravelCity
Legionenosis						elements are critical for national surveillance activities. Jurisdiction's data collection system should be modified to collect Proforty's data offerents. If this data element is not currently collected and available to early place discous with the CDC Program whether you can orbicated without that element being availables and included in the collection of the collectio	travel and accommodation-associated exposures, used for both surveillance and real time public health response.	The state of the s
Legionellosis		Country where patient spent nights away from home	TRAVEL46	P	1	data collection system should be modified to collect Priority 1 data elements. If this data element is first data element is first data element is first data element in courrenty collected and available to send, please discuss with the CDC Program whether you can orboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of bree data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of travel and accommodant-associated exposure, used for both surveillance and real time public health response.	TravelCountry
Legionellosis	Accommodation Room Number	Room Number (at the accommodation) where patient spent nights away from home	TRAVEL47	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Juridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can orboard without that element being available and include in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of travel and accommodant-associated exposure, used for both surveillance and real time public health response.	Room
Legionellosis	Accommodation Comments	Comments or information about nights away from home not collected elsewhere	TRAVEL48	P	1	This data element is of highest priority for reporting. These data elements an critical for rational surveillance activities. Luridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and include in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data dement provides information on the epidemiology of tracel and accommodation-associated exposure, used for both surveillance and real time public health response.	TravComm
Legionellosis	Date Checked Into Accommodation	Arrival Date of Stay	TRAVEL49	P	1	his data element is of highest priority for reporting. These data remement are retired for retirous laurellines activities. Lucidicities remement are retired for retirous laurellines activities. Lucidicities state collection system about be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can orchoral without that element being available and nuclein of the messages. Some CDC programs may request a plan addressing status inclusion of these data elements, if nor able to collect and transmit at orbiboarding.	This data element provides information on the epidemiology of travel and accommodation-associated exposures, used for both surveillance and real time public health response.	TravCheckin
Legionellosis	Date Checked Out of Accommodation	Departure Date of Stay	TRAVELSO	P	1	nic data element is of highest priority for reporting. These data remement am existing for relational unsergions existing. Insident remement am existing of the control o	This data element provides information on the epidemiology of travel and accommodation-associated exposures, used for both surveillance and real time public health response.	TravCheckout
Legionellosis	Zip Code of Accommodation	Zip code where patient spent nights away from home	TRAVELS1	P	1	This data element is of highest priority for reporting. These data elements are critical for rational surveillance activities. Juridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and include in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at on-boarding.	This data element provides information on the epidemiology of travel and accommodation-associated exposures, used for both surveillance and real time public health response.	TravZip
Legionellosis	Healthcare Setting	In the 14 days before onset, did the patient visit or stay in a healthcare setting [e.g. hospital, long patient out on the care/rehal/skilled nursing facility, clinic]? For additional guidance on how to edeepoise healthcare settings, please refer to Section 3. Tavel, Healthcare, and Other Epopure Information at Hispo-News doe, polygonically-ability-depts/sunv-reporting/form-instructions.html.	INV1063	P	1	This data element is of highest priority for reporting. These data elements an critical for rational surveillance activities. Luridiction's data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements. If not able to collect and transmit at on-boarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	VisitHospital
Legionellosis	Transmission Setting	Type of Healthcare Setting/Facility visited in the 14 days before coset	81267-7	P	2	This is a high priority data element that will support rutional survaillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	Setting
Legionellosis	Healthcare Setting Exposure Type	Type of Exposure to healthcare setting	INV1064	P	2	This is ship priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	Exposure
Legionellosis	Healthcare Facility Name	Name of Facility visited by patient in the 14 days before onset	76696-4	P	2	This is high priority data element that will support national surroulization activities. It will be a surroulized activities to the control to occurrently collected and avoidable to send please plan to update jurisdiction's data collection systems. Some CCC programs may request a plan addressing future inclusion of these data elements. If not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare associated exposures.	Facility
Legionellosis	Transplant Center	is This Facility Also a Transplant Center?	INV1065	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data and subable to send please plan to update jurisdiction's charge collection systems some CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	Transplant

Legionellosis	Healthcare Facility Reason Visited	Reason For Visit	INV1066	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan	This data element provides information on the epidemiology of healthcare-associated exposures.	Reason
						addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.		
Legionellosis	Address of Healthcare Facility	Street Address of healthcare facility visited by the patient in the 14 days before onset		P	2	This is a hijs priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data collection systems. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	N/A
Legionellosis	City of Healthcare Facility	City where the healthcare facility visited by the patient is located	65647-0	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection systems. Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	City
Legionellosis	State of Facility	State where the healthcare facility visited by the patient is located	68488-6	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and svalishle to send, please plan to update jurisdiction's data collection system Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	State
Legionellosis	Zip Code of Healthcare Facility	Zip code of healthcare facility visited by the patient in the 14 days before onset	65648-8	P	2	This is a high priority data element that will support national surveillance achieful. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a faun addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	N/A
Legionellosis	Date Arrived at Healthcare Facility	Start Date of Visit/Admission	INV1067	P	2	This is a high priority data element that will support national surveillance architics. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	Arrive
Legionellosis	Date Departed Healthcare Facility	End Date of Visit/Admission	INV1068	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and svalishe to send, please plan to update jurisdiction's data collection system Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This date element provides information on the epidemiology of healthcare-associated exposures.	Depart
Legionellosis	Healthcare Setting Exposure Comments	Comments or information about healthcare setting exposure not collected elsewhere	INV1069	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data collection system some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of healthcare-associated exposures.	N/A
Legionellosis	Healthcare Facility Water Management Program	Did the healthcare facility have a water management program to reduce the risk of Legionella growth and spread in place?	INV1070	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		N/A
Legionellosis	Associated Healthcare Exposure	Was this case associated with a healthcare exposure?	INV1071	P	1	This data element is of highest priority for reporting. These data elements are critical for rational surveinance activities, Luridiction 'side collection system should be modified to collect Priority 1 data elements. If this data element is 10% data elements 10%	This data element provides information on the epidemiology of healthcare-associated exposures.	Nosocomial
Legionellosis	Assisted/Senior Living Facility	In the 14 days before onset, did the patient visit or stay in an assisted living facility or senior living facility?	INV1072	P	1	This data element is of highest priority for reporting. These data chements are critical for rational surveillance activities, surfacisfication data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can oroboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of best data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	Assisted
Legionellosis	Associated Assisted/Senior Living Facility Exposure	Was this case associated with an assisted/senior living facility exposure?	INV1073	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	N/A
Legionellosis	Assisted/Senior Living Facility Type	Type of Facility visited/lived in by the patient in the 14 days before coset	INV1074	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and swillable to send, please plan to update jurisdiction's data collection system Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	TypeFac
Legionellosis	Assisted/Senior Living Facility Exposure Type	Type of Exposure to assisted/senior living facility by the patient (resident, visitor/volunteer, employee)	INV1075	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	ЕхрТуре
Legionellosis	Name	Name of assisted/senior living facility visited/lived in by patient	INV1076	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data collection system Some CCC programs may request a just addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted fixing associated exposures.	NameFac
Legionellosis		Street address of assisted/senior living facility visited/lived in by the patient during exposure		P	2	This is a high priority data element that will support national surveillance achiefuls. If this data element is not currently collected and svalishle to send, please plan to update jurisdiction's data collection system Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living -associated exposures.	N/A
Legionellosis	City of Assisted/Senior Living Facility	City where the assisted/senior living facility visited/lived in by the patient is located	INV1078	P	2	This is a hijo priority data element that will support national surveillance activities. If this data element is not currently collected and svalishe to send, please plan to update jurisdiction's data and svalishe to send, please plan to update jurisdiction's data on collection systems some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	CityFac

Legionellosis	State of Assisted/Senior Living Facility	State where the assisted/senior living facility visited/lived in by the patient is located	INV1079	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a failure addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	StateFac
Legionellosis	Zip Code of Assisted/Senior Living Facility	Zip code of assisted/senior living facility visited/lived in by the patient during exposure	INV1080	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system from CCC programs may request a glain addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	N/A
Legionellosis	Date Arrived Assisted/Senior Living Facility	Start Date of Visity Residence	INV1081	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	ArriveFac
Legionellosis	Date Departed From The Assisted/Senior Living Facility	End Date of Visit/Residence	INV1082	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	DepartFac
Legionellosis	Assisted/Senior Living Facility Comments	Comments or information about assisted/senior living facility exposure not collected elsewhere	INV1083	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element provides information on the epidemiology of senior or assisted living-associated exposures.	N/A
Legionellosis	Assisted/Senior Living Facility Water Management Program	Did the assisted/senior living facility have a water management program to reduce the risk of Legionella growth and spread in place?	INV1084	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		N/A
Legionellosis	Exposure	Was the patient exposed to any of the following during the 14 days prior to cnset?	INV1085	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and available to energy please gate to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future exclusion of these data elements. If not able to collect and transmit at orbioarding.	This data element supports understanding of the epidemiology of the cases. While most values would be prioritized as 2 some values, such as hot to be spourue, are already collected, and should be prioritized as a 1.	Spa, Equipment
Legionellosis	Exposure Indicator	Exposure Indicator	INV1086	P	2	This is a high priority data element that will support national surveillance achieful. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection systems. Some CCC programs may request a lapin addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases. While most values would be prioritized as 2 some values, such as hot tub exposure, are already collected, and should be prioritized as a 1.	Spa, Equipment
Legionellosis	Location of Exposure	Location of exposure (e.g. facility name, city , state)	INV1087	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected collection system may be a surveillance of the collection system may request a plan collection system may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.	SpaPlace
Legionellosis	Date(s) of exposure	Date(s) of exposure	INV1088	P	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected and svalishle to send, please plan to update jurisdiction's data collection system Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.	SpaDates
Legionellosis	Humidifier	In the 14 days before onest, if the patient used a nebulizer, CPAP, SIRAP, or any other respiratory therapy equipment of the treatment of sleep apnea, COPD, asthma, or for any other reason, does this device use a humidifier?	INV1089	P	2	This is a hijo priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data collection system Some CCC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element supports understanding of the epidemiology of the cases.	Humidifier
Legionellosis	Respiratory Therapy Equipment Water Source	If the respiratory therapy equipment used a humidifier, what type of water is used in the device?	INV1090	Р	2	This is a high priority data element that will support national surveillance activities. If this data element is not currently collected	This data element supports understanding of the epidemiology of the cases.	Sterile, Distilled, Bottled, Tap, Other, Unknown
			473085002			and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.		
Legionellosis	Recent Cruise Travel	In the 14 days before onset, did patient take a cruise?		P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		Cruise
Legionellosis	Name of Cruise Line	Name of cruise line patient sailed with	TRAVEL52	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		Line
Legionellosis	Name of Ship	Name of ship patient sailed on	TRAVEL53	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		Ship
Legionellosis	Cruise Departure City	Cruise departure city	TRAVELS4	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		Port
Legionellosis	Cruise Departure State	Cruise departure state	TRAVELSS	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		DepartPortLocation
Legionellosis	Cruise Departure Country	Cruise departure country	TRAVELS6	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		DepartPortLocation
Legionellosis	Date of Cruise Departure	Cruise departure date	TRAVELS7	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		DepartDate
Legionellosis	Cruise Return City	Cruise return city	TRAVELS8	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		ReturnPort
Legionellosis	Cruise Return State	Cruise return state	TRAVELS9	P	3	send if currently collected in the system. This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		ReturnPortLocation
Legionellosis	Cruise Return Country	Cruise return country	TRAVEL60	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please		ReturnPortLocation
Legionellosis	Date of Cruise Return	Cruise return date	TRAVEL61	P	3	send if currently collected in the system. This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please		ReturnDate
Legionellosis	Cabin Number	Patient's cruise ship cabin number	TRAVEL62	P	3	send if currently collected in the system. This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please		CabinNumber
Legionellosis	Port of Call City	Port of call city	TRAVEL63	P	3	send if currently collected in the system. This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please		PortOCall
						send if currently collected in the system.		

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Marie	Legionellosis	Port of Call Country	Port of call country	TRAVEL66	P	3	inclusion in the surveillance system and case notification. Please		PortOCall
Manual M	Legionellosis	Port of Call State	Port of call state	TRAVEL64	P	3	inclusion in the surveillance system and case notification. Please		N/A
	Legionellosis	Port of Call Date	Date for port of call	TRAVEL65	P	3	inclusion in the surveillance system and case notification. Please		CallDate
Service of the content of the conten	Legionellosis	CDC NORS Outbreak ID	CDC National Outbreak Reporting System (NORS) Outbreak ID#	INV883	P	3	inclusion in the surveillance system and case notification. Please		N/A
Part	Legionellosis		Did the patient have any underlying causes or prior illnesses	INV235	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to		N/A
Service of the control of the contro	Legionellosis	Underlying Condition(s)	Listing of underlying causes or prior illnesses	INV236	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to		N/A
	Legionellosis		Underlying conditions indicator	INV662	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to		N/A
Septiminal between the control of th	Legionellosis	Current Occupation		85658-3	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to		Occupation
Segmental March Ma	Legionellosis		standard occupation code based upon the narrative test of a subject's current occupation. The National Institute for Occupational Safety and Health (NOCSI) has developed a web-based software tool designed to translite industry and occupation test to standardized industry and Occupation codes. The NOSI industry and occupation codes in the NOSI industry and occupation occupation occupations are not occupational to the NOSI industry and occupation occupations are not occupational to the NOSI industry and occupation occupations are not occupational to the NOSI industry and occupation occu	8559-1	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to		N/A
Suppression of the Part of the	Legionellosis	Current Industry		85078-4	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to		N/A
segmentates to Management of the control of sections of a control of sections of the control of sectio	Legionellosis	Current Industry Standardized	standard industry code based upon the narrative text of a subject's current industry. The National Institute for Occupational Safety and Health (NIOSH) has developed a web-based software tool designed to translate industry and occupation text to standardized industry and Occupation codes. The NIOSH industry and Occupational Computerized Coding System (NIOCCS) is available here:	85657-5	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to		N/A
Date/Time Date/Time Date/	Legionellosis	Test Type	Laboratory Diagnostic Test Type	INV290	P	1	elements are critical for national surveillance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you con onboard without that element leng available and included in the messages. Some CDC programs rawy request a plan addressing future inclusion of these data elements, if not able to collect and	Test type is a key component of the epi lab repeating group and is important for fully describing the lab testing and text results.	Urine, Culture, Fourfold, DFA, PCR
Indication in the serveillance system and care ordination. Please send common (content or the years). Insportedous Specimen Type Specimen T	Legionellosis	Specimen Collection Date/Time	Date of Specimen Collection	68963-8	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to	repeating group and is important for fully describing the lab testing	UrineDt, CultureDt, Date1, Date2, DFADt, PCRDt
elements are critical for missional surveillance activities. Autodiction's data collection's greater should be modified to collect princip! data dements. If this data elements if this data element is for currently collected and available to see light the collection of the messages. Some CCC program may request a plan addressing form of before data elements, if not able to collect and transmit at orbitoarding. Legionellosis Test Result procedular processing integration of the results of the testion position, defected, negative) Legionellosis Test Result procedular processing integration of the results of the testion of the settle and available to see the plant detection of the settle and available to see the plant detection of the settle and available to see the plant detection of the settle and available to see the plant detection of the settle and testing and test results. Species, Ejeccies, PCKSpec and a lapportune for fully describing the lab testing and test results. Displacements are collected and transmit at orbitoarding. Legionellosis Test Result procedular processing integration of the results of the testion of the set testing and test results. Displacements of highest principle for reporting, These date ordered and available to see the plant and the settle of the plant and test results. Legionellosis Test Result Quantitative Test Result Value Legionellosis P 3 This is a lower principle date element in the should be considered for includes in the service of see and case confideration. Please Legionellosis P 3 This is a lower principle date element for this doubted be considered for includes in the service plant and ca	Legionellosis	Titer Test Type	If this is a titer, indicate if this is an initial/acute or convalescent titer (Titer Test Type)	LAB653	P	3	inclusion in the surveillance system and case notification. Please		N/A
surveillance activities. If this data element is not currently collected and available to some places plans to subject printed from 4 and available to some places plans to subject printed from 4 all to collect and transmit at on boarding. Legionelosis Test Result Epidemiologic interpretation of the results of the res	Legionellosis	Specimen Type	Specimen Type from which organism was isolated	66746-9	P	1	elements are critical for national surveillance activities. Juridictions' data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDP Orgoram whether you con oncheard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and		CultSite, OthSite, DFASite, PCROther
performed for this case. This is a qualitative result (e.g. positive, detected, negative) elements are critical for national suverillance activities. Jurisdictions important for fully describing the lab testing and test results. data elements in continents of the Cause Priority of data collection system should be modified for calciles Priority of data elements. If this data element is not currently collected and available to society perspect a plan addressing future included in the messages. Some CCP registers may have been collected and data elements, if not able to collect and transmit at orbitocoding. Legionellosis Test Result Quantitative Quantitative Test Result Value LABGSB P 3 This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please and if currently collected in the system. Legionellosis Result Units Units of measure for the Quantitative Test Result Value LABTS P 3 This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please	Legionellosis	Organism Name	Legionella species isolated	LA6278	P	2	surveillance activities. If this data element is not currently collected and available to send, please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to	Organism name is a key component of the epi lab repeating group and a important for fully describing the lab testing and text results.	Species, fSpecies, PCRSpec
Legionellosis Result Units Units of measure for the Quantitative Test Result Value Legionellosis P 3 This is a lower priority data element that should be considered for indusion in the surveillance system and case notification. Please	Legionellosis	Test Result	performed for this case. This is a qualitative result (e.g.	INV291	P	,	elements are critical for national surveillance activities. Jurisdictions' data collection system should be modified to collect Priority 1 data elements. If this data element is not currently collected and available to send, please discuss with the CDC Program whether you can onboard without that element being available and included in the messages. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and		Urine, Culture, Fourfold, DFA, PCR
inclusion in the surveillance system and case notification. Please					P		inclusion in the surveillance system and case notification. Please send if currently collected in the system.		
	Legionellosis	Result Units	Units of measure for the Quantitative Test Result Value	LAB115	P	3	inclusion in the surveillance system and case notification. Please		N/A

Legionellosis		What was the serogroup	INV705	P	2	This is a hijo priority data element that will support national surveillance activities. If this data element is not currently collected and available to send; please plan to update jurisdiction's data collection system. Some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This data element is important for obtaining a complete picture of the lab results.	Serogrp, fSero, PCRSero
Legionellosis	Performing Laboratory Type	Performing laboratory type	82771-7	P	1	This data element is of highest priority for reporting. These data elements are critical for national surveillance activities. Juridiction's data collection system should be modified to collect Priority 1 data elements in this data elements into currently collected and available to send, please discuss with the CDC Program whether you can robound without that element being available and richted on the messages. Some CDC programs may request a plan addressing future inclusion of these data elements. If not able to collect and transmit at orbiboarding.	This data element provides information on whether a CDC laboratory. OPE ofference Center or other type of laboratory by consistence Center or other type of laboratory performed the test, which is important for linking results to specific cases and for assessing the applicability of the test results.	N/A
Legionellosis	Performing Laboratory Name	Reporting laboratory name	68994-3	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		N/A
Legionellosis	Test Manufacturer	Test manufacturer	LAB650	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		N/A
Legionellosis	Test Brand Name	Test Brand Name	LAB657	P	3	This is a lower priority data element that should be considered for inclusion in the surveillance system and case notification. Please send if currently collected in the system.		N/A
Legionellosis	Specimen Sent to CDC	Was a specimen sent to CDC for testing?	82314-6	P	2	This is a hijo priority data element that will support national surveillance activities. If this data element is not currently collected and available to send; please plan to update jurisdiction's data collection systems from CCD programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	This information assists CDC in linking the specimen identifier and CDC-tested lab results.	N/A
Legionellosis	Date Specimen Sent to CDC	Date specimen sent to CDC	85930-6	P	2	This is a hijp priority data element that will support national surveillance activities. If this data element is not currently collected and available to send please plan to update jurisdiction's data collection systems some CDC programs may request a plan addressing future inclusion of these data elements, if not able to collect and transmit at onboarding.	If a specimen is sent to CDC. It is important to know when it was sent to assist in locating/identifying text results for specific cases.	N/A