

DPCC Data Standard Reference for Serological Data v2.1

	Project_Identifier	Contributing_Institution	Sample_Identifier
Input Type	Text Field	Text Field	Text Field
Definition	A unique Project Identifier generated by the DPCC by combining the Center-generated Project Code and a random 4-digit number	The institution code for the group that PERFORMED THE ANALYSIS. Must be one of the CEIRS institution codes assigned by NIAID	Identifier initially assigned to each sample collected. If multiple samples are taken from the same host, each sample should have its own identifier.
Format	Project_Code_XXXX Maximum length: 21 characters	Center three-letter code followed by three digits. Maximum length: 6 characters	Center-specific Allowed characters include alphanumeric, hyphen, and underscore: a-z, A-Z, 0-9, -, _ Maximum length: 50 characters
Value List	None	None	None
Curation	The entry must be a Project Identifier value registered with the DPCC.	The entry must be an Institution Code value registered with the DPCC. Center 3-letter codes are case-sensitive and must be entered in all-caps.	The Sample_Identifier initially assigned to the surveillance sample must be provided.
Examples	SJCProj02_4001	SJC101	22258468
Notes		A different Contributing_Institution may have performed the original collection of the surveillance sample that was analyzed.	Submissions without a corresponding surveillance submission will be listed as orphaned records.
Dependent Fields			
Validation	Project_Identifier should be a valid project identifier.	Must be an Institution Code value registered with the DPCC	Validate field length
Message Code	Error_9_PROJECT_NOT_FOUND	Error_1_INVALID_VALUE	Error_70_INVALID_FIELD_LENGTH
Validation	Project_Identifier exists but user does not have permission to access or edit the project.		
Message Code	Error_4_DENIED_USER_ACCESS		
Validation			
Message Code			

	Embargo_End_Date	Influenza_Test_Type
Input Type	Date Field	Text Field
Definition	In case an embargo of the information is needed, the date that the information should be released to the public databases by the DPCC	Assay and target used for serological assessment, as listed in the DPCC Data Dictionary
Format	DD-Mon-YYYY DD-Mon-YY NA Maximum length: 11 characters	Assay/Analyte Maximum length: 200 characters
Value List	Date NA	DPCC Data Dictionary NA
Curation	1. Leading 0 in DD is optional. 2. Month must match the first three letters of the month. Month is NOT case-sensitive. 3. Years may have two or four digits. 4. Date must conform to NIAID data release policies.	The entry must be one and only one member of the Value List. For each assay performed, the target or analyte must be specified after the / character.
Examples	3-Mar-2011, 03-Mar-2011, 03-MAR-2011, 3-MAR-11, or NA	HI/HA, or ELISA/HA
Notes	An exact date must be provided. If Embargo_End_Date is NA, information will be released without delay. Embargo_End_Date cannot be more than 12 months after submission.	Please reference the DPCC Data Dictionary for the Assay and Analyte allowed values. If multiple tests are performed, enter each test on a separate line.
Dependent Fields		
Validation	Embargo_End_Date must be exact date and cannot be a past date.	Validate field length
Message Code	Error_7_INVALID_EMBARGO_DATE	Error_70_INVALID_FIELD_LENGTH
Validation	Embargo_End_Date cannot be more than 12 months after submission.	Format correct but values must reference DPCC Data Dictionary.
Message Code	Error_100_EMBARGO_DATE_12M	Error_13_REFER_TO_DATA_DICTIONARY
Validation		Influenza_Test_Type should follow format assay/analyte
Message Code		Error_101_TEST_TYPE_FORMAT
		Only one Influenza_Test_Type can be entered
		Error_157_INVALID_SEROLOGY_ENTRIES

	Influenza_Test_Antigen	Influenza_Test_Result
Input Type	Text Field	Text Field
Definition	A description of the antigen or analyte used in the influenza test	The numerical result of Influenza_Test_Type
Format	Text Maximum length: 150 characters	Text Maximum length: 50 characters
Value List	Text U NA	Number U NA
Curation	If the test antigen is a whole virus, follow WHO strain name conventions. Include serological subclass information if known.	Provide a single numerical value for the assay listed under Influenza_Test_Type. Enter U when quantitative assay results are not known.
Examples	A/chicken/Fujian/4/2002 (H3N6), A/chicken/Fujian/4/2002 (H5N6), A/swine/Viet Nam/8/2014 (H5N8), Avian H5/H7/H9, or HPAI H5N1 1.1	>160, <=200, or >=3
Notes	The test antigen can be a single strain, a panel of strains, a group of subtypes, etc. If the test antigen is a panel, list all strains or subtypes included in the panel.	The DPCC currently accepts the symbols > and < and =. Greater than or equal to and less than or equal to can be represented by >= and <=, respectively.
Dependent Fields		Influenza_Subtype
Validation	Validate field length	Validate field length
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_70_INVALID_FIELD_LENGTH
Validation		Value must be number, U, or NA. NOTE: The DPCC currently accepts the symbols > and < and =.
Message Code		Error_86_INVALID_NUM_U_NA
Validation		Order must be inequality symbols, then number, e.g., >=2, not 2=<
Message Code		Error_120_INEQUALITY_ORDER
		Only one Influenza_Test_Result can be entered
		Error_157_INVALID_SEROLOGY_ENTRIES

	Influenza_Test_Interpretation	Definition_of_Positive_Sample
Input Type	Text Field	Text Field
Definition	The Positive, Negative, or Inconclusive interpretation of the Influenza_Test_Result value	The cut off value used by an investigator in determining that a sample was seropositive
Format	Text Maximum length: 50 characters	Text Maximum length: 100 characters
Value List	P N U NA	Text NA
Curation	The entry must be one and only one member of the Value List. Values are case-sensitive and must be entered in all-caps. Enter U when the interpretation of the assay results is not known or inconclusive.	None
Examples	P	Values greater than 40 indicate seropositive samples
Notes	P = Positive N = Negative U = Unknown or inconclusive NA = Not Applicable	Use NA if Definition_of_Positive_Sample is not needed or not provided.
Dependent Fields		
Validation	Field value should be one of valid values as in list.	Validate field length
Message Code	Error_1_INVALID_VALUE	Error_70_INVALID_FIELD_LENGTH
Validation	Only one Influenza_Test_Interpretation can be entered	Only one Definition_of_Positive_Sample can be entered
Message Code	Error_157_INVALID_SEROLOGY_ENTRIES	Error_157_INVALID_SEROLOGY_ENTRIES
Validation		
Message Code		

	Influenza_Subtype	Comments
Input Type	Text Field	Text Field
Definition	The subtype of the seropositive sample	Text describing anything else of interest related to the submission
Format	Text Maximum length: 6 characters	Text Maximum length: 2000 characters
Value List	HxNx MERS NA	Text NA
Curation	The entry must be one and only one member of the Value List. H and N are case-sensitive and must be entered in all-caps. If only one of the subtypes have been tested, then use the format H5Nx or HxN1. Enter HxNx if Influenza_Test_Interpretation is positive but inconclusive. Enter MERS if the sample is seropositive for MERS. Enter NA if Influenza_Test_Interpretation is negative.	None
Examples	H9Nx	NA
Notes		If there are no comments, enter NA.
Dependent Fields	Influenza_Test_Result	
Validation	Validate Influenza_Subtype name. Influenza_Subtype should follow pattern HxNx, x can be valid segment number or x if unknown segment.	Validate field length
Message Code	Error_1_INVALID_VALUE	Error_70_INVALID_FIELD_LENGTH
Validation	Validate field length	
Message Code	Error_70_INVALID_FIELD_LENGTH	
Validation		
Message Code		