

DPCC Data Standard Reference for Cohort Study v1.0

	Project Identifier	Study Design	Study Keywords
Input Type	Text Field	Text Field	Text Field
Definition	A unique Project Identifier generated by the DPCC representing the name or protocol number of the clinical study	The type of study performed	The keyword(s) that summarize the study's approach or objective.
Format	Text Maximum length: 21 characters	Text Maximum length: 50 characters	Text Maximum length: 500 characters
Value List	None	Interventional study Observational study Not Collected Not Provided Restricted Access	Acute influenza study Adjuvant Household transmission Longitudinal Vaccination history Vaccination study Not Collected Not Provided Restricted Access
Curation	The entry must be a Project Identifier value registered with the DPCC.	The entry must be one and only one member of the Value List. Values are case-sensitive	The entry must be one or more members of the Value List. Values are case-sensitive.
Examples	15-0103	Interventional study	Vaccination study, Adjuvant, or Vaccination history, Longitudinal, or Household transmission
Notes	None	None	Acute influenza study = Studies recruiting subjects presenting with influenza-like illness Adjuvant = Studies involving vaccines that utilize adjuvant Household transmission = Studies that involve monitoring household contacts for disease transmission Longitudinal = Studies that monitor subjects over time Vaccination history = Studies where a subject's vaccination history is available Vaccination study = Studies that include administration of a vaccine Not Collected Not Provided Restricted Access
Dependent Fields			
Validation	Project_Identifier should be a valid project identifier.	Field value should be one or more of the valid values	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.		Field value should be one or more of valid values as in list.
Message Code	Error_4_DENIED_USER_ACCESS		Error_1_INVALID_VALUE
Validation			
Message Code			

	Sample Material	Quantity Available	Number of Subjects	Subject Age Group
Input Type	Text Field	Number Field	Number Field	Text Field
Definition	The types of samples collected from all subjects enrolled in the study	The quantity of samples available from all subjects enrolled in the study	The number of unique subjects enrolled in the study	The age group of the subjects enrolled in the study
Format	Text Maximum length: 250 characters	Integer Maximum length: 5 characters	Integer Maximum length: 5 characters	Text Maximum length: 50 characters
Value List	AEC BAL BLO BMR FEC FIB LLF LUN NAL NAS NEC NTS OTH- OTT PLS PMC RCS SER SPC SPU TEC TFT TRS VRS	Number	Number	ADL CHI OAD Not Collected Not Provided Restricted Access
Curration	The entry must be one or more members of the Value List. Values are case-sensitive and must be entered in all-caps.	The entry must be a valid integer between 0-99999	The entry must be a valid integer between 0-99999	The entry must be one or more members of the Value List. Values are case-sensitive and must be entered in all-caps.
Examples	BLO	50, or 1250	2500	CHI, ADL, or ADL
Notes	AEC = Alveolar epithelial cells BAL = Bronchoalveolar lavage BLO = Blood BMR = Bone marrow FEC = Feces FIB = Fibroblast cells LLF = Lung lavage fluid LUN = Lungs NAL = Nasal lavage NAS = Nasal swab NEC = Nasal epithelial cells NTS = Combined nasal throat swab OTH- = Other; append free text to describe OTT = Other tissue PLS = Plasma PMC = Peripheral blood mononuclear cell RCS = Rectal swab SER = Serum SPC = Soft palate cells SPU = Sputum TEC = Tracheal epithelial cells TFT = Tissue from trachea TRS = Tracheal swab VRS = Virus isolate	None	None	ADL = Adult (18-64 years of age) CHI = Child (0-17 years of age) OAD = Older adult (65+ years of age) Not Collected Not Provided Restricted Access
Dependent Fields				
Validation	Validate field length	Must be a valid number	Must be a valid number	Field value should be one or more of the valid values
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_18_ATTRIBUTE_VALUE_TYPE	Error_18_ATTRIBUTE_VALUE_TYPE	Error_1_INVALID_VALUE
Validation	Field value should be one or more of valid values as in list. NOTE: User can enter other value by prefixing 'OTH-'	Must be a valid number between 0 and 99999	Must be a valid number between 0 and 99999	
Message Code	Error_1_INVALID_VALUE	Error_153_INVALID_NUMBER_RANGE	Error_153_INVALID_NUMBER_RANGE	
Validation				
Message Code				

	Pregnancy	Hospitalized	Clinical Sites	Collection Countries
Input Type	Text Field	Text Field	Text Field	Text Field
Definition	Whether the study included subjects who were pregnant at the time of sampling	Whether the study included subjects who were hospitalized as a result of infection or secondary problems resulting from infection.	Whether samples were collected from subjects at a single site or from multiple sites.	Country in which the original sample was collected, as listed in the DPCC Country Codes list
Format	Text Maximum length: 17 characters	Text Maximum length: 17 characters	Text Maximum length: 50 characters	Text Maximum length: 250 characters
Value List	Y N Not Collected Not Provided Restricted Access	Y N Not Collected Not Provided Restricted Access	Single Multiple	ISO 3166 Standard Country Code U
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.	The entry must be one and only one member of the Value List. Values are case-sensitive and must be entered in all-caps.	The entry must be one and only one member of the Value List. Values are case-sensitive.	The entry must be one or more members of the Value List. The DPCC will accept the unique ISO ALPHA-3 code in all-caps.
Examples	N	N	Single	VNM, USA, NZL, TWN, or USA
Notes	Y= Yes N= No Not Collected Not Provided Restricted Access	Y= Yes N= No Not Collected Not Provided Restricted Access	None	The ISO 3166 standard of country names may be found on the DPCC Portal. If the study collected samples in multiple countries, comma-separate the countries of collection.
Dependent Fields				
Validation	Field value should be one of valid values as in list.	Field value should be one of valid values as in list.	Field value should be one of valid values as in list.	Field value should be one or more valid country ISO 3 letter code.
Message Code	Error_1_INVALID_VALUE	Error_1_INVALID_VALUE	Error_1_INVALID_VALUE	Error_1_INVALID_VALUE
Validation				Validate field length
Message Code				Error 70_INVALID_FIELD_LENGTH
Validation				
Message Code				

	Collection Period	National Clinical Trial Identifier	Publication PMID	Comments
Input Type	Text Field	Text Field	Text Field	Text Field
Definition	The calendar years in which the study was actively collecting samples from enrolled subjects	The National Clinical Trial (NCT) identifier for the study available at ClinicalTrials.gov	The PubMed Unique Identifier (PMID) for the publication in which the study was published.	Text describing anything else of interest related to the submission
Format	YYYY-YYYY Maximum length: 50 characters	NCTID Maximum length: 50 characters	PMID Maximum length: 50 characters	Text Maximum length: 2000 characters
Value List	Text Not Collected Not Provided Restricted Access	Text NA Not Collected Not Provided Restricted Access	Text NA Not Collected Not Provided Restricted Access	Text NA
Curration	Years must be four digits. The ending year must be greater than or equal to the beginning year.	The entry must be a valid NCT identifier: NCT followed by an 8-digit number.	The entry must be a valid PMID number: 7 or 8-digit number with no leading zeros. http://www.nlm.nih.gov/bsd/mms/medlineelements.html#pmid	None
Examples	2013-2016, or 2009-2010, or 2017-2017	NCT00138281, or NA	19465683, or NA	NA
Notes	If the study collected samples in multiple years, enter the beginning and ending years of collection, separated by a hyphen. If the study collected samples in a single year, enter the year for both the beginning and ending years of collection, separated by a hyphen. For on-going studies, enter the current calendar year as the study's ending period.	If the study was referenced in multiple clinical trials, comma-separate the individual NCT identifiers. Enter NA if the study was not registered or not available at ClinicalTrials.gov	If the study was referenced in multiple publications, comma-separate the individual PMIDs. Enter NA if the study was not referenced in a publication.	If there are no comments, enter NA.
Dependent Fields				
Validation	Validate field length	Validate field length	Validate field length	Validate field length
Message Code	Error_70_INVALID_FIELD_LENGTH	Error_70_INVALID_FIELD_LENGTH	Error_70_INVALID_FIELD_LENGTH	Error_70_INVALID_FIELD_LENGTH
Validation	Each year listed must be a valid year	Must be a valid NCT	Must be a valid PMID	
Message Code	Error_155_INVALID_DATE_YEAR	Error_154_INVALID_NCT	Error_96_INVALID_PMD	
Validation	The ending year must be greater than or equal to the beginning year			
Message Code	Error_156_GREATER_TO_OR_EQUAL_YEAR_RANGE			