

Vaccinia (including MPX) Vaccination - Doses

Snowflake Data Dictionary

Last Updated 8/19/2022

LHJ Data Source

Table Name: TBL_IMMUN_MONKEYPOX

Description: This is a dose level table that contains all vaccinia vaccine doses (including monkeypox) reported to the California Immunization Registry (CAIR2) and the Healthy Futures Registry (the San Diego Immunization Registry was integrated into CAIR2 in April 2022).

FIELD DEFINITIONS

Field No.	Data Element	Variable Name	Description	Value Set
1	Vaccine ID	VACCINE_ID	Vaccine identifier for the vaccination given.	n/a
2	Vaccination event ID	VAX_EVENT_ID	The vaccination event's unique identifier within the system.	n/a
3	Extract type	EXT_TYPE	FOR CDC REPORTING ONLY. Extract type defines whether CDC file contains completely de-identified data, PPRL ID, or fully identifiable data. Set to Deidentified.	Locally Defined Value Set: D (Deidentified) P (PPRL) I (Identified)
4	Recipient ID	RECIP_ID	Unique ID for recipient.	n/a
5	Recipient name: first	RECIP_FIRST_NAME	Recipient's first name.	n/a
6	Recipient name: middle	RECIP_MIDDLE_NAME	Recipient's middle name.	n/a
7	Recipient name: last	RECIP_LAST_NAME	Recipient's last name.	n/a
8	Recipient date of birth	RECIP_DOB	Recipient's date of birth.	n/a

Field No.	Data Element	Variable Name	Description	Value Set
9	Recipient sex	RECIP_SEX	Recipient sex. Derived from value recorded for second dose, unless null, then first dose value is used.	Locally Defined Value Set: F (Female) M (Male) O (Other) X (Non-binary) U (Unknown/undifferentiated)
10	Recipient address: street	RECIP_ADDRESS_STREET	The street component of the recipient's address.	n/a
11	Recipient address: street 2	RECIP_ADDRESS_STREET_2	The street 2 component of the recipient's address.	n/a
12	Recipient address: city	RECIP_ADDRESS_CITY	The city component of the recipient's address.	n/a
13	Recipient address: county	RECIP_ADDRESS_COUNTY	The county code component of the recipient's address	FIPS Codes
14	Recipient address: state	RECIP_ADDRESS_STATE	The state component of the recipient's address.	US Postal Service two-character state codes
15	Recipient address: zip code	RECIP_ADDRESS_ZIP	The zip code of the recipient's address.	n/a
16	Recipient race 1	RECIP_RACE_1	Recipient's race	HL7 User Defined table 0005 1002-5 (American Indian or Alaska Native) 2028-9 (Asian) 2076-8 (Native Hawaiian or Other Pacific Islander) 2054-5 (Black or African American) 2106-3 (White) 2131-1 (Other Race) UNK (Unknown)
17	Recipient race 2	RECIP_RACE_2	Recipient's race. Fields recipient race 2-6 support recipients with more than 1 race. (Skip if only one race reported).	See Value Set in "Recipient Race 1" field
18	Recipient race 3	RECIP_RACE_3	Recipient's race. Fields recipient race 2-6 support recipients with more than 1 race. (Skip if only one race reported).	See Value Set in "Recipient Race 1" field

Field No.	Data Element	Variable Name	Description	Value Set
19	Recipient race 4	RECIP_RACE_4	Recipient's race. Fields recipient race 2-6 support recipients with more than 1 race. (Skip if only one race reported).	See Value Set in "Recipient Race 1" field
20	Recipient race 5	RECIP_RACE_5	Recipient's race. Fields recipient race 2-6 support recipients with more than 1 race. (Skip if only one race reported).	See Value Set in "Recipient Race 1" field
21	Recipient race 6	RECIP_RACE_6	Recipient's race. Fields recipient race 2-6 support recipients with more than 1 race. (Skip if only one race reported).	See Value Set in "Recipient Race 1" field
22	Recipient ethnicity	RECIP_ETHNICITY	Recipient's ethnicity.	HL7 User Defined table 0189 2135-2 (Hispanic or Latino) 2186-5 (Not Hispanic or Latino) UNK (Unknown ethnicity)
23	Recipient race/ethnicity	RECIP_RACE_ETH	Recipient's race/ethnicity.	When ethnicity is marked 'Hispanic or Latino' then 'Latino', when more than one specified race code (1002-5, 2028-9, 2076-8, 2054-5, 2106-3) is noted then 'Multiracial', otherwise first race is noted. Derived from original ethnicity and race codes: HL7 User Defined Table 0189 2135-2 (Hispanic or Latino) 2186-5 (Not Hispanic or Latino) UNK (Unknown ethnicity) HL7 User Defined Table 0005 1002-5 (American Indian or Alaska Native) 2028-9 (Asian) 2076-8 (Native Hawaiian or Other Pacific Islander) 2054-5 (Black or African American) 2106-3 (White) 2131-1 (Other Race) UNK (Unknown)
24	Administration date	ADMIN_DATE	The date the vaccination event occurred (or was intended to occur).	n/a

Field No.	Data Element	Variable Name	Description	Value Set
25	CVX	CVX	The vaccine type that was administered.	Vaccine Codes
26	NDC	NDC	The vaccine product that was administered: Unit of Use (UoU) is preferred if both UoU and Unit of Sale (UoS) are available.	NDC Crosswalk Tables
27	MVX	MVX	The manufacturer of the vaccine administered.	MVX – Manufacturers of Vaccines
28	Lot number	LOT_NUMBER	The lot number of the vaccine administered: Unit of Use (UoU) is preferred if both UoU and Unit of Sale (UoS) are available.	n/a
29	Vaccine administering site	VAX_ADMIN_SITE	The body site of vaccine administration.	HL7 defined table 0163 LT (Left thigh) LA (left arm) LD (left deltoid) LG (left gluteus medius) LVL (left vastus lateralis) LLFA (left lower forearm) RT (right thigh) RA (right arm) RD (right deltoid) RG (right gluteus medius) RVL (right vastus lateralis) RLFA (right lower forearm)
30	Vaccine route of administration	VAX_ROUTE	The route of vaccine administration (e.g., oral, subcutaneous).	HL7 defined table 0162 or FDA NCI Thesaurus (NCIT) NCIT values preferred and provided for reference C38238 (Intradermal) C28161 (Intramuscular) C38284 (Nasal) C38276 (Intravenous) C38288 (Oral) C38676 (Percutaneous) C38299 (Subcutaneous) C38305 (Transdermal)
31	Dose number	DOSE_NUM	Dose number in vaccination series, provided dose is considered valid (e.g., counts towards immunity).	Locally Defined Value Set: 1 (Valid first dose) 2 (Valid second dose)

Field No.	Data Element	Variable Name	Description	Value Set
				INV (Invalid dose) UNK (Unknown validity)
32	Vaccination series complete	VAX_SERIES_COMPLETE	Report if the vaccination series is complete. Select "YES" when the recipient has completed the required doses for the specific vaccine product. If more doses are required select "NO." If unknown, or cannot be calculated, select "UNK."	Locally Defined Value Set: YES (Yes) NO (No) UNK (Unknown)
33	Responsible organization	RESPONSIBLE_ORG	The name of the parent organization or health system that originated and is accountable for the content of the record. If an organization has several clinics or facilities, this would be the organization that represents all of the clinics/facilities. (The "Administered at location" field is the name of individual physical location.)	n/a
34	Administered at location	ADMIN_NAME	The name of the physical clinic or facility that reported the vaccination, refusal, or missed appointment. In a small practice setting, this could be the same as the responsible organization.	n/a
35	VTrckS provider PIN	VTRCKS_PROV_PIN	The 6-digit Provider PIN in VTrckS. For VFC Providers, this is the VFC PIN.	n/a
36	Administered at location: type	ADMIN_TYPE	The characteristic of the provider site that reported the vaccination, refusal, or missed appointment.	Locally Defined Value Set: 1 (Childcare facility) 2 (College/university) 3 (Community HC) 4 (Corrections facility - all ages) 5 (Drug treatment facility) 6 (Family planning) 7 (Family practice) 8 (Fed-qual or rural HC) 9 (Foster care) 10 (Health department-associated site) 11 (Health plans) 12 (HIE/data aggregator) 13 (HIV/STD clinic) 14 (Home health) 15 (Hospital - birthing) 16 (Tribal/IHS clinic)

Field No.	Data Element	Variable Name	Description	Value Set
				17 (Internal medicine) 18 (Juvenile detention center) 19 (Local health dept) 20 (Military healthcare) 21 (Multispecialty practice) 22 (Nursing home/LTC) 23 (OBGYN) 24 (Other) 25 (Other IIS) 26 (Pediatrics) 27 (Pharmacy) 28 (Private practice) 29 (School/school district) 30 (Special vaccine clinic) 31 (State agency) 32 (State public health) 33 (Urgent care) 34 (WIC program) 35 (Hospital) 36 (School clinic) 37 (Non clinical site) 38 (Pandemic only) 39 (Pending)
37	Administration address: street	ADMIN_ADDRESS_STREET	The street component of where the vaccine is administered/ planned to be administered. Exception for mobile clinics.	n/a
38	Administration address: street 2	ADMIN_ADDRESS_STREET_2	The street 2 component of where the vaccine is administered/planned to be administered. Exception for mobile clinics.	n/a
39	Administration address: city	ADMIN_ADDRESS_CITY	The city component of where the vaccine is administered/planned to be administered. Exception for mobile clinics.	n/a
40	Administration address: county	ADMIN_ADDRESS_COUNTY	The county component of the administration address.	FIPS Codes
41	Administration address: state	ADMIN_ADDRESS_STATE	The state component of where the vaccine is administered/ planned to be administered. Exception for mobile clinics.	US Postal Service two-character state codes

Field No.	Data Element	Variable Name	Description	Value Set
42	Administration address: zip code	ADMIN_ADDRESS_ZIP	The zip code component of where the vaccine is being administered/ planned to be administered. Exception for mobile clinics.	n/a
43	Vaccination refusal	VAX_REFUSAL	If vaccination was refused, select 'Yes'. If the vaccine was administered, select 'No'.	Locally Defined Value Set: YES NO
44	Comorbidity status	CMORBID_STATUS	Report if the recipient has a comorbidity. Recipients are a member of a special risk group that are at increased risk of severe illness. CAIR2 does not collect information on comorbidity status; default is set to 'UNK'.	Locally Defined Value Set: YES NO UNK
45	Serology results	SEROLOGY	Report if there was a positive serology (antibody test) result. CAIR2 does not collect information on comorbidity status; default is set to 'UNK'.	Locally Defined Value Set: YES NO UNK
46	Email	EMAIL_ADDRESS	Recipient's email address.	n/a
47	Phone number	PHONE_NUMBER	Recipient's phone number.	n/a
48	Date vaccine entered into registry	IIS_ADDED_DATE	The date vaccine reported to local registry.	n/a
49	Source IIS	SOURCE_IIS	Name of IIS.	Locally Defined Value Set: CAIR2 RIDE
50	ID	IMMUN_FACT_ID	Unique identifier for the immunization record.	n/a
51	Snowflake entered date	WAREHOUSE_ENTER_DATE	Date/time record created in Snowflake.	n/a
52	Recipient county name	RECIP_COUNTY_DESC	The county name component of the recipient's address.	Derived from FIPs based on County_Code. When recip_address_county is null, derived from recip_address_zip. See Recip_Address_County_New.

Field No.	Data Element	Variable Name	Description	Value Set
			'Outside California' category includes out-of-state residents and records where recipient's state of residence is blank.	
53	Administration address: county name	ADMIN_COUNTY_DESC	The county component of where the vaccine is being administered/planned to be administered. Exception for mobile clinics.	Join with FIPs table based on County_Code to get the county name.
54	Organization code	ORG_CODE	The CAIR2 or RIDE Organization Code assigned to administering organization.	n/a
55	Historical dose	HISTORICAL_IND	Vaccination entered as an administered or historical dose.	Locally Defined Value Set: 00 (Administered) 01 (Historical)
56	Booster indicator	BOOSTER_IND	Vaccination is defined by IIS as booster dose.	Locally Defined Value Set: Y (Yes) N (No) U (Unk)
57	Medicaid ID	MEDICAID_ID	Medicaid ID.	n/a
58	Mother's first name	MOTHERS_FIRST_NAME	Mother's first name.	n/a
59	Mother's maiden name	MOTHERS_MAIDEN_LAST	Mother's maiden name.	n/a
60	Multiple birth count	MULTIPLE_BIRTH_COUNT	Count of children if multiple birth.	
61	Multiple birth order	MULTIPLE_BIRTH_ORDER	Birth order.	
62	Medicare	MEDICARE	Medicare status (field not currently in use).	n/a
63	Patient sharing indicator	LOCKED_IND	Patient sharing status. If 1, patient has requested that their record not be shared with organizations other than their own provider or public health.	Locally Defined Value Set: 0 (FALSE) 1 (TRUE)

Field No.	Data Element	Variable Name	Description	Value Set
64	Snowflake updated date	WAREHOUSE_UPDATE_DATE	Date/time record updated in Snowflake.	n/a
65	CAIR2 updated date	CAIR_UPDATE_TS	Date/time record updated in CAIR2.	n/a
66	Table creation date	TBL_CREATE_DTTM	Date/time the recipient level view materialization (table creation) is performed.	n/a

Notes:

Minimum intervals are based on CDC recommendations, using 28-day months and including a 4-day grace period.