Vaccinia (including MPX) Vaccination - Recipients Snowflake Data Dictionary

Last Updated 10/7/2022

LHJ Data Source

Table Name: TBL_IMMUN_MONKEYPOX_RECIPIENTS

Description: This is a recipient level table that contains one row per vaccine recipient and is used by the California Department of Public Health (CDPH) vaccine data team for calculations that involve measures of people (e.g., partially/fully vaccinated, race/ethnicity). The data include 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	Recipient ID	RECIP_ID	Unique ID for recipient.	n/a
2	Administration date – Dose 1	DS1_ADMIN_DATE	The first recorded dose administration date for the recipient. Ignores DOSE_NUM field in dose-level dataset for determination.	n/a
3	Administration date – Dose 2	DS2_ADMIN_DATE	The second recorded dose administration date for the recipient. Ignores DOSE_NUM field in dose-level dataset for determination.	n/a
4	Administration date – Dose 3	DS3_ADMIN_DATE	If given, the third recorded dose administration date for the recipient. Ignores DOSE_NUM field in dose-level dataset for determination.	n/a
5	Administration date – Dose 4	DS4_ADMIN_DATE	If given, the fourth recorded dose administration date for the recipient. Ignores DOSE_NUM field in dose-level dataset for determination.	n/a

Field No.	Data Element	Variable Name	Description	Value Set
6	Vaccine types received	VAX_RECEIVED	The trade name(s) of all vaccines received, for up to 4 doses.	Locally Defined Value Set: ACAM2000 JYNNEOS
7	Vaccination status	FULLY_VACCINATED	Recipient's vaccination status for MPX. A vaccine recipient is considered fully vaccinated for MPX if they meet at least one of the following criteria: 1) They received one dose of ACAM2000 (CVX 75) 2) They received two JYNNEOS (CVX 206) doses >= 24 days apart	Locally Defined Value Set: FALSE (Partially vaccinated) TRUE (Fully vaccinated)
8	Fully vaccinated date	FULLY_VACCINATED_DATE	Date recipient became fully vaccinated for MPX.	n/a
9	Partially vaccinated date	PARTIALLY_VACCINATED_DATE	Date recipient became partially vaccinated for MPX (i.e., received first dose of JYNNEOS)	n/a
10	Recipient name: first	RECIP_FIRST_NAME	Recipient's first name.	n/a
11	Recipient name: middle	RECIP_MIDDLE_NAME	Recipient's middle name.	n/a
12	Recipient name: last	RECIP_LAST_NAME	Recipient's last name.	n/a
13	Recipient date of birth	RECIP_DOB	Recipient's date of birth.	n/a
14	Recipient age	RECIP_AGE	Recipient's age in years.	n/a
15	Recipient age group	RECIP_AGE_GROUP	Recipient's age group, in years.	Locally Defined Value Set: Under 5 5-11 12-17 18-34 35-49 50-64 65+ Unknown* Birthdates within 60 days of the vaccination date are categorized as 'Unknown'

Field No.	Data Element	Variable Name	Description	Value Set
16	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)
17	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)
18	Recipient address: street	RECIP_ADDRESS_STREET	The street component of the recipient's address.	n/a
19	Recipient address: street 2	RECIP_ADDRESS_STREET_2	The street 2 component of the recipient's address.	n/a
20	Recipient address: city	RECIP_ADDRESS_CITY	The city component of the recipient's address.	n/a
21	Recipient address: state	RECIP_ADDRESS_STATE	The state component of the recipient's address.	US Postal Service two-character state codes

Field No.	Data Element	Variable Name	Description	Value Set
22	Recipient address: zip code	RECIP_ADDRESS_ZIP	The zip code of the recipient's address.	n/a
23	Recipient county name	RECIP_COUNTY_LABEL	The county name component of the recipient's address. 'Outside California' category includes out-of-state residents and records where recipient's state of residence is blank.	Derived from FIPs based on County_Code. When recip_address_county is null, derived from recip_address_zip. See Recip_Address_County_New.
24	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
25	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
26	Administration address: concatenated	MIXED_ADMIN_ADDRESS	Concatenation of the vaccinating provider's address street, city, state, and zip code.	
27	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
28	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
29	Administration address: county name	ADMIN_COUNTY_LABEL	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 name/description.
30	Mixed zip	MIXED_ZIP	If recipient zip code is null, this field is populated by admin zip code.	n/a
31	Mixed county	MIXED_COUNTY	If recip_address_county_new is NULL or unknown, populate this with admin_county_label.	

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.	
32	**Local health jurisdiction**	LHJ	Local health jurisdiction of recipient's residence; if zip code (mixed_zip) is in Berkeley, Long Beach, or Pasadena cities, LHJ = Berkeley, Long Beach and Pasadena, respectively, otherwise LHJ = mixed_county. 'Outside California' category includes out-of-state residents and records where recipient's state of residence is blank.	when mixed_zip in ('94701', '94702', '94703', '94704', '94705', '94707', '94708', '94709', '94710', '94712', '94720') then 'Berkeley' when mixed_zip in ('90801', '90802', '90803', '90804', '90805', '90806', '90807', '90808', '90809', '90810', '90813', '90814', '90815', '90822', '90831', '90832', when mixed_zip in ('90833', '90834', '90835', '90840', '90842', '90844', '90845', '90846', '90847', '90848', '90853', '90888', '90899') then 'Long Beach' when left(mixed_zip,5) in ('91101', '91102', '91103', '91104', '91105', '91106', '91107', '91109', '91110', '91114', '91115', '91116', '91117', '91121', '91123', '91124', '91125', '91126', '91129', '91131', '91182', '91184', '91185', '91188', '91189', '91191', '91199') then 'Pasadena' ELSE mixed_county
33	**Census tract – recipient address (2010)**	CENSUS_TRACT_10	2010 census tract based on recipient address only.	
34	**Census tract – administration address**	CENSUS_TRACT_ADMIN_10	2010 census tract based on vaccinating provider's address only.	
35	**HPI 3.0 - census tract**	HPI_3_TRACT	Healthy Places Index 3.0 score based on the 2010 census tract from the recipient's address.	Healthy Places Index
36	**HPI 3.0 – zip**	HPI_3_ZIP	Healthy Places Index 3.0 score based on the recipient's address zip (if null, uses the ZCTA zip from the zip-to-ZCTA crosswalk); if recipient's address zip is still null, uses the vaccinating provider's address zip (if provider's address zip is	Healthy Places Index

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Field No.	Data Element	Variable Name	Description	Value Set
			null, uses the ZCTA from the zip-to-ZCTA crosswalk).	
37	HPI 3.0 - mixed	HPI_3_MIXED	HPI_3_TRACT; if null, uses HPI_3_ZIP.	Healthy Places Index
38	VEM quartile	HPIQUARTILE	Vaccine Equity Metric (VEM) score quartiles based on mixed_zip. Vaccine Equity Metric (VEM) score quartiles combine the Public Health Alliance of Southern California's Healthy Places Index (HPI) measure with CDPH-derived scores to estimate factors that impact health, like income, education, and access to health care. Zip codes range from less healthy community conditions in Quartile 1 to more healthy community conditions in Quartile 4.	Locally Defined Value Set: 1 (VEM Quartile 1) 2 (VEM Quartile 2) 3 (VEM Quartile 3) 4 (VEM Quartile 4) Null (no VEM score assigned)
39	VEM quartile based on recipient zip code	HPIQUARTILE_RCP_ZIP	Vaccine Equity Metric (VEM) score quartiles based on recipient zip code Vaccine Equity Metric (VEM) score quartiles combine the Public Health Alliance of Southern California's Healthy Places Index (HPI) measure with CDPH-derived scores to estimate factors that impact health, like income, education, and access to health care. Zip codes range from less healthy community conditions in Quartile 1 to more healthy community conditions in Quartile 4.	Locally Defined Value Set: 1 (VEM Quartile 1) 2 (VEM Quartile 2) 3 (VEM Quartile 3) 4 (VEM Quartile 4) Null (no VEM score assigned)
40	Recipient address: county based on zip code	HPI_COUNTY_RCP_ZIP	The county name of the recipient's address, derived from the zip code of the recipient's address.	County derived from recip_address_zip.
41	Administered at location: type	ADMIN_TYPE_DESC	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)

Field No.	Data Element	Variable Name	Description	Value Set
				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)
				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)
42	Lot numbers	LOT_NUMBERS	The lot numbers for all COVID vaccinations administered, concatenated.	n/a
43	Email	EMAIL_ADDRESS	Recipient's email address.	n/a
44	Phone number	PHONE_NUMBER	Recipient's phone number.	n/a

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Field No.	Data Element	Variable Name	Description	Value Set
45	Dose 1 vaccination event ID	DS1_VAX_EVENT_ID	The vaccination event's unique identifier within the system for first reported dose (based on vaccination date).	n/a
46	Dose 2 vaccination event ID	DS2_VAX_EVENT_ID	The vaccination event's unique identifier within the system for second reported dose (based on vaccination date).	n/a
47	Dose 3 vaccination event ID	DS3_VAX_EVENT_ID	The vaccination event's unique identifier within the system for third reported dose (based on vaccination date).	n/a
48	Dose 4 vaccination event ID	DS4_VAX_EVENT_ID	The vaccination event's unique identifier within the system for fourth reported dose (based on vaccination date).	n/a
49	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)
50	Snapshot time	SNAPSHOT_TIME	Data current as of this timestamp.	n/a
51	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.