



AIRA

AMERICAN IMMUNIZATION
REGISTRY ASSOCIATION

MIROW Common Vocabulary

Simple Report

Version 2.0

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Project MIROW Common Vocabulary

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Description Terms approved as of August 2022.

Note: The Advanced Report and Domain Diagrams in can provide context for terms and be helpful to illustrate vocabulary group concepts and other aspects. The Simple Report presents just the term and definition.

Terms

Term	Definition
Action Code	a value submitted on a vaccination event submission (via the HL7 message) that indicates the desired action to be taken on a vaccination event
Address	the place where a party is located or may be reached
Address Type	a kind of address whether it is a physical or mailing address
Administered/ Historical Indicator	the type of a submission based on whether submitted by the vaccinating organization ("administered") or by a third party ("historical")
Administers Vaccines	an indicator of whether or not a provider organization administers vaccines
Alternate Patient ID	a data element of an alternate patient id group that is a unique identifier for a patient
Alternate Patient ID Assigning Authority ID	a data element of an alternate patient id group that identifies the organization that assigned the alternate patient id
Alternate Patient ID Group	a set of data elements assigned to a patient by an organization other than an IIS to uniquely identify a patient
Alternate Patient ID Type	a data element of an alternate patient id group that identifies the kind of alternate patient ID that is assigned
Alternate Vaccination Event ID	a data group assigned to a vaccination event that includes a unique combination of vaccination event id and the IIS-AO that assigned the vaccination event id
Alternative Process (Workaround)	a different way of doing something for a short period of time
Antigen	a foreign (non-self) substance found in the body that produces an immune response
Assessment Report	an account of the degree to which a cohort is immunized according to current recommendations
Balance	the number of vaccines currently on hand for an inventory item

Term	Definition
Base Record	an existing record that is updated from another record during the consolidation process
Birth Certificate Number	a registration number for an official document of a patient's date and place of birth and parentage
Birth Facility	a physical location where a patient is born
Borrowing	the use of a vaccine during a vaccination event that is taken from stock that does not correspond to the patient's dose level eligibility
Business Continuity	the strategic and tactical capability of the organization to plan for and respond to incidents and business disruptions to continue business operations at an acceptable predefined level
Business Continuity Management System (BCMS)	a part of an overall management system that establishes, implements, operates, monitors, reviews, maintains and improves business continuity
Business Continuity Plan	the documented procedures that guide organizations to mitigate the impact of a disruption and to respond, recover, resume and restore to a pre-defined level of operation following disruption
Business Function	a description of work that is performed to accomplish a business unit's responsibility
Business Impact Analysis	the process of analyzing business functions and the effect that a disruption might have upon them
Carrier/Tracking Number	an identifier used to facilitate locating a shipment
Cohort	a group of people who share a common characteristic such as age
Combination Vaccine Dose	a combination of multiple vaccine types into a single vaccine dose
Communication	a process by which information is exchanged between individuals through a common system of symbols, signs, or behavior
Confidence Level	an aggregated degree of trust regarding the information contained in a demographic record or vaccination event record

Term	Definition
Consolidated Demographic Record	a demographic record that combines information available from one or more sources
Consolidated Patient Record	a combination of a consolidated demographic record and zero or more consolidated vaccination event records for that patient
Consolidated Record	a general term used to refer to both consolidated demographic records and consolidated vaccination event records
Consolidated Vaccination Event Record	a vaccination event record that combines information available from one or more sources for a single vaccination event
Contact Method	a manner in which to contact a patient
Contact Method Primary Indicator	an indicator to denote the primary contact method for a patient
Contact Method Type	the mode of communication that will be used to contact a patient
Continuity Option	an alternative course of action, such as using an alternative process or relocation , for implementing a business function due to a disruption
CPT Code	a numerical string identifying a billable service that is associated with the procedure used when administering a vaccine
CVX Code	a numerical identifier used to identify a vaccine type
Data Consumer	an IIS-AO that has access to patient immunization history
Data Enterer	a person who works for a recording organization and enters submission data
Data Quality	the degree to which data meets requirements
Data Quality Assurance (DQA)	the planning, implementation and control activities that apply quality management techniques to data, in order to assure it is fit for consumption and meets the needs of data consumers
Data Source Type	the category of the submitter of the record containing the data element/data group
Date of Birth (DOB)	the date of the patient 's birth

Term	Definition
Date of Death (DOD)	the date of the patient 's death
Demographic Data Element	a part of a demographic record
Demographic Data Group	a logical grouping of demographic data elements
Demographic Record	a collection of demographic data elements pertaining to a patient
Demographic Submission	a submission regarding a patient 's demographic information
Disruption	an interruption of normal business operations or processes which can range from short term to longer term unavailability
Dose Condition	an indicator that a dose administered to a patient is considered substandard
Dose-Level Eligibility	a patient 's eligibility for a funding program as determined for each administered dose of vaccine
Dose-Level Public/Private Indicator	an indicator of the source of funding that paid for a vaccine
Electronic Data Exchange (EDE)	an interface in which data can be communicated electronically between an IIS and another system, such as an electronic health record system
Essential Business Function	a business function that supports an IIS program's key products and services and, when interrupted, has significant negative impact on the wellbeing of the public and IIS staff, IIS reputation, product or service quality, or ability to meet legal and regulatory requirements
Exercise	an instrument to train for, assess, practice, and improve performance and capabilities in a controlled environment
ExIS Order Date	the date an order for vaccine is entered into the external information system
Existing Record	a record that is already stored in an IIS

Term	Definition
Fund Type	a categorization within dose-level public/private indicator that further specifies the source of funding for the vaccine , and is often tied to a program or use indication
Geographic Jurisdiction	a physical area identified by a governing authority
HL7 (Health Level Seven International)	global authority on standards for interoperability of health information technology
Identical Records	duplicate records from the same data source which have exactly the same data values for each corresponding data element
IIS Data Quality	the degree to which data sent to or stored in an immunization information system meet current standards, support clinical decision-making needs, and are available to answer key public health questions with high confidence
IIS Direct User Interface	a software application that allows a person to enter data directly into or retrieve data directly from an IIS
IIS Patient ID	a unique identifier assigned to a patient by IIS
IIS Program	the staff and/or activities that focus primarily on maintaining and operating the IIS in support of immunization program activities
IIS Vaccination Event ID	a unique identifier assigned by an IIS to each vaccination event
IIS-AO Common Name	a familiar name by which an IIS-AO is known in the community
IIS-AO ID	a unique identifier assigned by an IIS to represent an IIS-AO
IIS-AO Legal Name	a name by which an IIS-AO is legally known
IIS-Authorized Organization (IIS-AO)	an organization that has an agreement with an IIS , that allows for the submittal and/or retrieval of IIS information
Immunization History	a collection of information detailing vaccination events for a patient

Term	Definition
Immunization Information System (IIS)	a confidential, population-based, computerized database for recording information, including vaccination history and vaccine doses given by participating health care providers
Immunization Program	a public health organization that coordinates public health activities related to immunization for a geographic jurisdiction
Incident	an event that might be, or could lead to, a disruption , loss, emergency or crisis
Incoming Record	a record that is received by the IIS from an IIS-AO and will be processed to determine if a matching record exists
Inventory	a collection of inventory items
Inventory Item	a collection of vaccines with the same lot number , lot-level public/private indicator , and lot number expiration date
Inventory Item Date/Time	the date and time the balance for an inventory item is changed
Inventory Item Status	the state of an inventory item , whether it is active, pending or inactive
Lot Number	an identifier assigned by a manufacturer to a specific batch of vaccine product type
Lot Number Expiration Date	the date after which the vaccine is no longer considered potent
Lot-Level Public/Private Indicator	the source of funds that paid for an inventory item , assigned by the IIS
Manufacturer	an organization that produces a vaccine product type
Matched Records	records which have been identified to be duplicate records (same patient or same vaccination event)
Maximum Tolerable Period of Disruption (MTPD)	the time it would take for adverse impacts, which might arise as a result of not providing a business function to become unacceptable
Medicaid Number	a unique identifier assigned to a person for the purposes of receiving medical services financed by Medicaid

Term	Definition
Medical Record Number	an identifier assigned to a patient by the provider organization
Mother's Maiden Name	the last name under which the patient 's mother was born
MVX Code	an identifier established and maintained by the CDC that describes a manufacturer
NDC	an identifier assigned to a vaccine product type identifying the manufacturer/labeler, product and presentation
New Record	a record that is either the result of a consolidation process or an incoming record that was not matched to an existing record
Order	a request for vaccines placed by a provider organization
Order ID	a unique identifier assigned to an order by the IIS
Order Line	an item of an order specifying the vaccine product type being ordered
Order Line Split Indicator	an indicator of whether an order line item quantity shipped is less than the quantity requested
Order Line Status	the state of an order line in process from an order approval to completion
Order Status	the state of an order in process from submission by a provider organization to completion of the order
Organization	a party that is a body of people with a particular purpose
Party	a person or organization
Patient	a person who is the actual or potential recipient of a vaccine
Patient Eligibility	an indication as to whether or not a patient may receive vaccines from a public health program funding program
Patient Ethnicity	ethnicity of the patient
Patient First Name	the patient 's first name
Patient Gender (Gender)	the patient 's gender

Term	Definition
Patient Last Name	the patient 's last name(s)
Patient Middle Name	the patient 's middle name(s)
Patient Name	a word or phrase that constitutes the distinctive designation of a patient
Patient Phone Number	the patient 's phone number
Patient Race	the patient 's race
Patient Record	a record of information for a patient including both demographic record and vaccination event records for that patient
Patient Status	an indicator of an organization 's accountability for a patient 's immunizations
Patient Status at Geographic Jurisdiction Level	a patient status with respect to an immunization program
Patient Status at Provider Organization Level	a patient status with respect to a provider organization
Person	a human being
Potential Essential Business Function	a business function that is potentially an essential business function
Probability	something (such as an event or circumstance) that is likely to occur
Provider (Provider Individual)	a person who is a medical professional or clinician who works for a provider organization
Provider Identifier	a unique identifier that labels and establishes the identify of a provider

Term	Definition
Provider Organization (PO)	an organization that has any combination of the following characteristics: <ul style="list-style-type: none"> • provides vaccination services • responsible for an entity that provides vaccination services • manages inventory for an entity that provides vaccination services
Provider Organization Profile	a representation of the characteristics associated with a provider organization and its submissions to an IIS
Provider Organization Type (PO Type/Sub-Type)	a classification system for provider organizations based on a combination of services provided and the cohort served
Public Health Entity	a governmental agency with public health oversight over a geographic jurisdiction and/or its population
Recommended Immunization Schedule	a collection of antigen series that specify various paths to achieve presumed immunity against respective diseases as defined by an organization (e.g., Advisory Committee on Immunization Practices)
Recommended Vaccination	the vaccine that is recommended based on a patient 's immunization history and in accordance with an immunization schedule
Recording Organization (Recorder)	an IIS-AO that records information for submission to an IIS
Recovery Point Objective (RPO)	the point prior to a disruption to which information used by a business function must be restored to minimize the loss of data resulting from the disruption
Recovery Time Objective (RTO)	the period of time following a disruption within which a business function must be resumed
Relocation	the transfer of people or activities to another physical location
Reminder/Recall Criteria	a set of conditions (filters) used to produce the list of R/R candidates

Term	Definition
Reminder/Recall Distributor	an organization that receives a reminder/recall notification from a reminder/recall originator and distributes it to the patient or responsible party
Reminder/Recall Frequency	a repetition rate for a reminder/recall notification during the R/R process
Reminder/Recall Notification	a communication indicating that a patient has one or more recommended vaccinations due or past due
Reminder/Recall Originator	the organization that is responsible for generating the reminder/recall notification
Reminder/Recall Outcome	the results associated with a r/r notification that may impact a patient's immunization status or patient status
Reminder/Recall Protocol	a set of rules and procedures used to guide the reminder/recall process
Reminder/Recall Recipient	the person to which the reminder/recall notification is addressed
Reminder/Recall Report	a report listing one or more patients with one or more recommended vaccinations due now or in the future
Reminder/Recall Response	a result associated with a reminder/recall notification that characterizes the communication process
Residence	a location where a person resides
Resource	the people , information and data, technology, buildings/worksites, communication systems, equipment, utilities that an organization has to have available to operate
Responsible for VFC Inventory	an indicator of whether or not a provider organization is responsible for VFC inventory
Responsible Party	a person responsible for a patient
Risk	effect of uncertainty on objectives
Risk Assessment	an overall process of risk identification, risk analysis and risk evaluation
Risk Mitigation	to implement measures so as to lower the exposure to risk and lower the probability or impact of a risk

Term	Definition
Selected Essential Business Function	a business function that is selected as an essential business function
Service Delivery	a method of delivering a service offered by business function
Shipment	the vaccine doses sent to a provider organization
Shipment ID	a unique identifier assigned to a shipment
Shipment Line	an item of a shipment specifying the vaccine being shipped
Shipment Status	the state of a shipment in process from shipping by originator to delivery to a provider organization
Shipment Type	an indication of where the shipment originated
Storage Model	the way vaccines are physically separated from each other in the Provider Organization's storage unit
Storage Unit	a refrigerator or freezer used to store vaccine
Submission	a collection of information sent from an IIS-AO to an IIS
Submission Date	the date a submission is received by an IIS
Submission Date Loaded	the date a submission is loaded into an IIS
Submission Error	is the type of error that occurred in the receipt and attempted acceptance of a submission
Submission Status	the state of a submission upon submission to an IIS
Submitting Organization (Submitter)	an IIS-AO that submits information to an IIS or to an intermediary submitter with an IIS as the destination
Testing	a procedure for evaluation; a means of determining the presence, quality, or veracity of something
Threat	a potential cause of an unwanted incident , which may result in harm to individuals, a system or organization , the environment or the community
Threat Assessment	an evaluation and description of the type, scope and nature of events or actions that can result in adverse consequences to an organization or specific assets
Time Frame	a period of time especially with respect to some action or project

Term	Definition
Trade Name	the manufacturer's proprietary name for a vaccine type
Vaccinating Organization (Vaccinator)	an IIS-AO that vaccinates a patient
Vaccination Encounter	an opportunity for one or more vaccination events to occur
Vaccination Encounter Date	the date of a vaccination encounter
Vaccination Encounter Type	a kind of vaccination encounter
Vaccination Event	a medical occurrence of administering one vaccine to a patient
Vaccination Event Data Element	a part of a vaccination event record
Vaccination Event Data Group	a logical grouping of vaccination event data elements
Vaccination Event Date	the date of the vaccination event
Vaccination Event Dosage	the measurement of how much vaccine was administered during a vaccination event
Vaccination Event Record	a collection of related vaccination event data elements pertaining to a vaccination event
Vaccination Event Submission	a submission regarding a vaccination event (s)
Vaccination Forecast	the result of applying rules to determine dates for the next vaccine (s) to be administered to a patient
Vaccine (Vaccine Dose)	a dose of substance administered during a vaccination event
Vaccine Ordering System	an application that supports vaccine ordering functions
Vaccine Product License Begin Date	the date a product license began

Term	Definition
Vaccine Product License End Date	the date a product license ended
Vaccine Product Type	a classification that describes the manufacturer , and presentation of a vaccine type
Vaccine Program	a part of an immunization program that focuses on ensuring vaccinations are available to the population
Vaccine Route of Administration	the method of administration for a vaccine
Vaccine Site of Administration	the anatomical location where a vaccine is administered
Vaccine Type	a classification of vaccines that describes the disease to which it provides immunity
VFC Program	a federally funded program that provides vaccines at no cost to children who might not otherwise be vaccinated because of inability to pay