

# Data Dictionary

## PANORAMA

**This Data Dictionary supports:**

Configuration Version: 2.5  
Forecaster Version: 1.4  
Application Version: 2.5.3.029

*Please reference the Forecaster Handbook for information on changes found within the Immunizations Forecast.*

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## Purpose

This dictionary is intended for all stakeholders who are currently using Panorama or who have access to Panorama data. This dictionary should be used as the primary source for gathering information on any data elements or objects found throughout Panorama, including the discovery and use of data gathered from the Panorama Database.

**Missing Definitions?**  
If you are unable to locate a definition, please contact the eHS Service Desk.

There is a provincial need to fully understand the meaning of objects and data elements within Panorama to support consistent use across the province by both Users and Administrators of the system. This document supports this need by providing consistent definitions for all elements and objects as they are being used by stakeholders.

This document is regularly updated by the Panorama Support Team. Please ensure you reference the Updated Date at the bottom of each page to ensure you have received the most recent version.

## Using This Dictionary

**Element Name:** The name of the element or object currently being defined.

The Data Dictionary is sorted alphabetically by Element Name.

**Domain:** The area of Panorama where the element can be found. Categorized within either: Panorama (all areas), Immunizations, Inventory, Family Health, Outbreak, Investigations or Admin.

**Screen:** The screen within Panorama where the element can be found. If the element is located on one or more screens, or if the element is not located on a screen, no value will be entered.

**Definition:** Description of the meaning of the element.

**Notes:** Any unique notes to the element in context. This may include related elements, business rules, default values, the source of values etc.

# Data Dictionary

## A

Element Name	Domain	Screen	Definition	Notes
Address Type	Panorama	Personal Information	Type of address.	Mandatory field for adding or updating address data.
Antigen	Panorama		A (viral or bacterial) substance, which is capable of inducing an adaptive or passive immune response when introduced into the body.	See the Agent to Antigen Mapping document for information on which Antigens are grouped under which Agent in Panorama.

## C

Element Name	Domain	Screen	Definition	Notes
City	Panorama		City associated with the address.	This field changes from a drop list to a text entry field when the Country is not

Element Name	Domain	Screen	Definition	Notes
				Canada or the United States.
Client ID	Panorama		The unique identifier assigned to all Clients in Panorama. This value is unique to Panorama.	This value is automatically generated and uniquely assigned to a Client upon creation in Panorama.
Code	Admin		Unique alphanumeric text value associated with a concept or description. Codes are associated with English descriptions to create a Concept.	
Contraindication	Immunizations	Immunizations – Special Considerations	A situation in which a drug, such as a vaccine, should not be used because the risk outweighs any potential therapeutic benefit. Contraindications will remove the vaccine they are associated to from a client forecast.	
Country	Panorama		Client's country of residence.	

**D**

Element Name	Domain	Screen	Definition	Notes
Date Administered	Immunizations		The date the vaccine was administered.	This date must be greater than the Client's date of birth, and not a future date at the time of entry.
Date of Birth	Panorama		The Client's date of birth.	This field is not required on a Client's record, however it is required in order to run the Client's Forecast.
Deceased	Panorama	Personal Information	<b>TBD</b>	<b>TBD</b>
Deferral	Immunizations	Immunizations – Special Considerations	A deferral is created when a condition or situation exists that prevents the client from receiving a scheduled immunization (for a specific immunizing agent and dose). Recording a deferral indicates to other clinicians why an immunization was not	

Element Name	Domain	Screen	Definition	Notes
			administered at the recommended time. The client will continue to be forecast for the immunizing agent that is deferred. The deferral will remain on the client record until the deferral end date is reached.	
Dose Number	Immunizations		The intended dose number in a series of immunizations given to a client, for the specific agent in context.	Dose Number can also be found in the Antigen table of the Immunization Detail Update Screen. In this context, it represents the Dose Number for that particular antigen.
Dose Status	Immunizations	Immunization Detail Update – Immunization Detail – Status Column	Status of each particular antigen in an Immunization Event.	

## E

Element Name	Domain	Screen	Definition	Notes
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Element Name	Domain	Screen	Definition	Notes
Effective From	Panorama		The date the relevant record becomes active.	
Effective To	Panorama		The date the relevant record is no longer active, or effective.	
End Date	Immunizations	Risk Factors	Date the Risk Factor ended.	Cannot be prior to the Risk Factor Start Date.
Exemption	Immunizations	Immunizations – Special Considerations	An exemption to an immunizing agent may be recorded for clients due to immunity (e.g., the client has previously been immunized or had the disease) or refusal by the client (e.g., for medical, religious, or philosophical reasons) in the rare instance that a client insists they do not want to receive any reminders for any vaccine(s) in the future. Exemptions will remove the vaccine they are associated to from a client forecast.	



Element Name	Domain	Screen	Definition	Notes
			Consent Refusals are the preferred approach for documentation of clients or parent's vaccine refusal.	
Ext	Panorama		Extension number for the telephone number of the Client.	

## F

Element Name	Domain	Screen	Definition	Notes
First Name	Panorama		First name of the Client.	
Frequency	Immunizations	Risk Factors	The frequency with which the Risk Factor occurred.	Possible options include: Continuous, More Than Once, Single event.

## G

Element Name	Domain	Screen	Definition	Notes
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Element Name	Domain	Screen	Definition	Notes
Gender	Panorama		Gender of the Client.	Possible options include: Male, Female or Unknown.

## H

Element Name	Domain	Screen	Definition	Notes
Health Card Number	Panorama		Provincial Health Card Number identifying the Client.	Often abbreviated as HSN.
Health Card Number Province	Panorama		Province in which the Client's Health Card was issued.	
Health Region	Panorama		The Jurisdictional Organization assigned to the Client.	In Saskatchewan, it is current practice to add the Client's Regional Health Authority into the Health Region field. The selected organization in the Health Region field is known as the Jurisdictional Organization or JOrg.

I

Element Name	Domain	Screen	Definition	Notes
Identifier	Panorama		The value of a unique identifier assigned to the Client's record.	This field is accompanied by the Identifier Type, which declares what the Identifier represents.
Identifier Type	Panorama		The type of unique identifier assigned to the Client's record.	This field is accompanied by the Identifier, which is the associated value of the Identifier Type.
Immunization Status	Immunizations	Immunization Detail Update – Immunization Detail	The status of the given Immunization Event.	<p>On the Immunization Detail and Update Immunization Detail screens, the Status field will have the following possible values:</p> <p>Valid, Valid (override), Invalid, Invalid (override), Invalid (dose invalidated)</p> <p>For new Immunizations, the Status will remain blank until the forecaster has been executed.</p>
Immunizing Agent	Panorama		A preparation of antigens that induces immunity.	See the Agent to Antigen Mapping document for information on which Antigens are grouped under which Agent in Panorama.
Inactive	Panorama		Flag that indicates whether the Client	The Immunization Forecast will not run if the Client Inactive flag is

Element Name	Domain	Screen	Definition	Notes
			record is inactive.	enabled.
Inactive Reason	Panorama		The reason why the Client has been inactivated.	This field is displayed only when the Inactive flag is enabled.  Possible options include: Deceased, Lost to Follow-up, Moved out of Province, Presumed Disease
Invalid	Immunizations	Immunization Detail Update – Immunization Detail	An Antigen or Agent that does not meet the recommended guidelines from the Immunization Schedule Dose Rules. Clinical decision by the appropriate healthcare practitioner will determine if the dose must be repeated. Invalid doses will not be counted when forecasting required future doses, but future dose intervals will be counted from these doses. E.g., MMR given at 10 months of age is invalid. Dose 1 will be forecasted at 12 months of age.	A value of the Immunization Status field.

Element Name	Domain	Screen	Definition	Notes
Invalid (dose invalidated)	Immunizations	Immunization Detail Update – Immunization Detail	If the dose was manually invalidated by the user via the Invalidate Administered Dose of Compromised Vaccine functionality, regardless of previous statuses.	A value of the Immunization Status field.
Invalid (override)	Immunizations	Immunization Detail Update – Immunization Detail	If the dose has been manually overridden by the user to be invalid, regardless of what the validation status would have been.	A value of the Immunization Status field.

## J

Element Name	Domain	Screen	Definition	Notes
Jurisdictional Organization	Panorama		A specific organization in Saskatchewan that may represent a legal entity. Jurisdictional Organizations in Panorama are used to facilitate reporting, security and maintenance of	The Ministry of Health represents the highest level Jurisdictional Organization.  Lower level Jurisdictional Organizations include Regional Health Authorities and Public Health Offices.

Element Name	Domain	Screen	Definition	Notes
			organization attributes.	Additional Jurisdictional Organization types include Schools and First Nation Organizations.  The organization assigned to a Client's record is called the Client's Health Region.
JOrg	Panorama		Commonly used acronym for Jurisdictional Organization.	See Jurisdictional Organization for details.

## L

Element Name	Domain	Screen	Definition	Notes
Last Name	Panorama		Last name of the Client.	
Lost to Follow-up	Panorama	Personal Information	TBD	TBD

## M

Element Name	Domain	Screen	Definition	Notes
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Element Name	Domain	Screen	Definition	Notes
Mass Immunizations (Query Type Option)	Immunizations	Reminder/Recall Details	Selected to denote that this Reminder/Recall query is used to generate a list of Clients for a Mass Immunizations event.	An option displayed in the Query Type field of the Reminder/Recall details screen.
Middle Name	Panorama		Middle name of the Client.	
Moved out of Province	Panorama	Personal Information	TBD	TBD

## N

Element Name	Domain	Screen	Definition	Notes
Number	Panorama		Phone number of the Client.	Concatenates the area code, exchange and extension.
Number Type	Panorama		Type of Phone Number.	

**P**

Element Name	Domain	Screen	Definition	Notes
P.O. Box	Panorama		Post office box number.	Optional if Country is Canada or the United States, otherwise this field is not available.
Postal Code	Panorama		Postal code associated with the address.	
Precaution	Immunizations	Immunizations – Special Considerations	A condition that may increase the risk of an adverse reaction following immunization or that may compromise the ability of the vaccine to produce immunity. In general, vaccines are deferred when a precaution is present. However, there may be circumstances when the benefits of giving the vaccine outweigh the potential harm, or when reduced vaccine immunogenicity may still result in significant	



Element Name	Domain	Screen	Definition	Notes
			benefit to a susceptible, immunocompromised host. Precaution will not stop the forecast for an associated vaccine.	
Preferred	Panorama		An indicator to identify the related record is preferred. For example, the Client's preferred address when one or more addresses are listed on the Client's record.	
Presumed Deceased	Panorama	Personal Information	TBD	TBD
Province/Territory	Panorama		Province or territory associated with the address.	This field changes from a drop list to a text entry field when the Country is not Canada or the United States.

## Q

Element Name	Domain	Screen	Definition	Notes
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Element Name	Domain	Screen	Definition	Notes
Query Type	Immunizations	Reminder/Recall Details	A field to describe what type of Reminder/Recall Query is being generated.	Possible options include: Reminder, Mass Immunizations.

## R

Element Name	Domain	Screen	Definition	Notes
Reason for Invalidation	Immunizations		Reason for invalidating the immunization.	
Reason for Special Considerations	Immunizations	Add Special Consideration	The reason for a Special Consideration being reported.	
Refusal	Panorama	Maintain Consent for Immunizations Consent Directive Details	Indicator that consent for the related service was refused.	Found in the Instruction field of the Consent Directive.
Refusal Reason	Panorama	Maintain Consent for Immunizations Consent Directive Details	Explanation for why the refusal was given by the client, parent, guardian or substitute decision maker.	Found in the Reason field of the Consent Directive.

Element Name	Domain	Screen	Definition	Notes
Reminder	Immunizations	Reminder/Recall Details	Selected to denote that this Reminder/Recall Query is used to Remind clients of their forecast status (either Due, Eligible or Overdue).	An option found in the Query Type field of the Reminder/Recall Details screen.
Reported By	Immunizations	Risk Factors	The role of the person who reported the Risk Factor.	Possible options include: Caregiver/Guardian, Client, Lab Report, Primary Care Provider.
Response	Immunizations	Risk Factors	The Client's response to the relevant Risk Factor.	Possible options include: Not Asked, Not Required, Yes.
Revised Dose Comment	Immunizations	Immunization Detail	Comment for reason for manually revising the Dose Number.	This is a mandatory field when no Revised Dose Reason is set when a manual Dose Number revision is triggered.
Revised Dose Number	Immunizations	Immunization Detail	Dose Number that the User has determined, and updated manually, based on the historical information obtained from the Client or	

Element Name	Domain	Screen	Definition	Notes
			another source.	
Revised Dose Reason	Immunizations	Immunization Detail	Reason for entering Revised Dose Number and overriding the forecast.  Revised Dose Number is the same as Forced Dose.	
Risk Factor	Immunizations	Risk Factors	An attribute, characteristic or exposure of an individual who has an existing health condition or is at risk of developing a disease.	
Rural Route	Panorama		Rural route.	Optional if Country is Canada or the United States, otherwise this field is not available.

## S

Element Name	Domain	Screen	Definition	Notes
Special Consideration	Immunizations	Immunizations –	Special Considerations	

Element Name	Domain	Screen	Definition	Notes
		Special Considerations	is an umbrella term used to encompass Contraindications, Exemptions, and Precautions, and indicates reasons that preclude the administration of a vaccination to a client, as well as precautions that should be considered.	
Start Date	Immunizations	Risk Factors	Date the Risk Factor started.	Must be greater than the date the Risk Factor was created.
Status	Panorama			For the Status field on the Immunization Detail screen, see Immunization Status.  For the Status field in the Antigen table of the Immunization Detail screen, see Dose Status.
STN	Panorama		Address station number.	Optional if Country is Canada or the United States, otherwise this field is not available.

Element Name	Domain	Screen	Definition	Notes
Street Direction	Panorama		Address street direction.	Optional if Country is Canada or the United States, otherwise this field is not available.
Street Name	Panorama		Address street name.	Optional if Country is Canada or the United States, otherwise this field is not available.
Street Type	Panorama		Address street type.	Optional if Country is Canada or the United States, otherwise this field is not available.
Subject ID	Panorama		The unique identifier assigned to all Clients in Panorama. This value is unique to Panorama.	Synonymous with Client ID.  This value is automatically generated and uniquely assigned to a Client upon creation in Panorama.

## T

Element Name	Domain	Screen	Definition	Notes
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Element Name	Domain	Screen	Definition	Notes
Type of Special Consideration	Immunizations	Add Special Consideration	The type of Special Considerations being reported.	<p>Possible options include: Contraindication, Exemption or Precaution.</p> <p>Special Considerations added with the type of Precaution do not affect a Client's forecast.</p>

## U

Element Name	Domain	Screen	Definition	Notes
Unit No.	Panorama		Address unit number.	This field is optional if the country selected is either Canada or the United States. This field will not display if a country is selected other than the United States or Canada.

V

Element Name	Domain	Screen	Definition	Notes
Vaccine			The Immunization Event administered to the Client.	Also known as Immunization Event in Panorama.
Valid	Immunizations	Immunization Detail Update – Immunization Detail	An Antigen or Agent that was given within the recommended guidelines (meeting the minimum or maximum age/interval requirements) and is deemed to have provided protection. The dose will be counted when forecasting required future doses. E.g., a MMR given at 12 months of age is valid and a second dose will be forecasted at 18 months.	A value of the Immunization Status field.
Valid (override)	Immunizations	Immunization Detail Update – Immunization Detail	If the dose has been manually overridden by the user to be valid, regardless of what the validation status would have been (if set by	A value of the Immunization Status field.



Element Name	Domain	Screen	Definition	Notes
			the forecaster rules).	