



Ministry of  
Health

# British Columbia Health Information Standards

## Medication Catalog Data Dictionary

Version 2.0 2025-12-05

## **Copyright Notice:**

Copyright © 2025 Province of British Columbia

This material is owned by the Government of British Columbia and protected by copyright law. It may not be reproduced or redistributed without the prior written permission of the Province of British Columbia and includes copyrighted information reproduced with permission from the following sources:

- SNOMED®, SNOMED CT® and IHTSDO®

Please note that use of the SNOMED CT terminology within products is subject to your acceptance of the [SNOMED CT Affiliate Agreement and the SNOMED CT Canadian National License Agreement](#).

To accept the terms of these agreements, please create an account at <https://infocentral.infoway-inforoute.ca/en/register>.

## **Disclaimer and Limitation of Liabilities:**

This document and all the information in it contain "as is" without warranty of any kind, whether express or implied.

All implied warranties, including, without limitation, implied warranties of merchantability, fitness for a particular purpose, and non-infringement, are hereby expressly disclaimed.

Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this document, including, without limitation, any lost profits, business interruption, or loss of programs or information, even if the Government of British Columbia has been specifically advised of the possibility of such damages.

## **Comments**

Questions and/or feedback can be directed to the Ministry of Health at: [HLTH.HISSupport@gov.bc.ca](mailto:HLTH.HISSupport@gov.bc.ca)

## Table of Contents

1. BC Drug Product Database (DPD) Relationship to Canadian Clinical Drug Dataset (CCDD).....	4
2. BC Manufactured Product Mapped to Non-Proprietary Therapeutic Product (NTP) and HC DIN .....	10
3. BC Non-Proprietary Therapeutic Product (NTP) to Therapeutic Moiety <sup>TM</sup> .....	13
4. Health Canada DPD DIN Therapeutic Route Form .....	16
5. Health Canada DPD_Brand_Therapeutic_Name.....	18
6. WHO ATC Code-Drug Name.....	21
7. Low-Cost Alternative (LCA) Special Authority (SA) Benefit Status.....	22
8. Reference Drug Program (RDP) Categories .....	26
9. Manufacturer Code and Names .....	28
10. BC PIN Category.....	30
CATEGORIES .....	33
11. BC Vaccine Catalogue File (BC MIP to DIA-IA-BC PIN Mapping) .....	37
12. BC Hazardous Drug Relationship List (DIN, Brand Name, Therapeutic Name, Ingredient Mapping) 43	
13. BC Controlled Prescription Program Drug List.....	49
14. Pharmaceutical files related to Medication ontology .....	52

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 1. BC Drug Product Database (DPD) Relationship to Canadian Clinical Drug Dataset (CCDD)

<b>Subset Name</b>	DPD DIN relationship to CCDD
<b>Tab</b>	BC Relationship to CCDD
<b>Description</b>	BC medication file that maps the relationship between the HC DIN, Brand Name, number of pharmaceutical ingredients, WHO ATC codes, Form, Route, to the CCDD ontology (MP, NTP & TM) and SNOMED CT form, route, and admin device codes.

<b>Data Field</b>	<b>Description</b>	<b>Example</b>
HC_Drug_Code	Unique meaningless code assigned by Health Canada to each drug product.	100362
HC_last_status	Health Canada value representing if the product is available on shelf in Canada or elsewhere.	Marketed
HC_last_status_date	Health Canada last status date a product is available on shelf in Canada or elsewhere.	2022-08-24
HC_DIN	The DIN or NPN identifier assigned to an authorized medicinal product by Health Canada.	2514435

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
HC_Brand_Name	The product name as present in the DPD approved by Health Canada, under which the drug product may be marketed.	HYDROMORPHONE HYDROCHLORIDE INJECTION USP
Number_of_Active Ingredients	This represents the total number of active (medicinal) ingredient(s) contained in a medicinal product.	1
WHO_ATC_code	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	N02AA03
WHO_ATC_code description	WHO ATC description of medicinal substances classified by their main therapeutic use.	Hydromorphone
Health Canada (HC)_Form	Indicates the form of presentation in which a medicinal product is supplied (e.g., tablet, capsule, cream, drops).  A product can have more than one dosage form when it is a kit (e.g., tablet, capsule).	Solution

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
Health Canada (HC)_Route	<p>Indicates the part of the body on which, through which or into which the product is to be introduced (e.g., oral, topical, intramuscular, rectal).</p> <p>A product can have more than one route of administration (e.g., intravenous, intramuscular).</p>	Intramuscular, Intravenous, Subcutaneous
mp_code	Unique Manufactured Product identifier, which may be a Health Canada assigned DIN or NPN, or an identifier specific to the Canadian Clinical Drug Data Set.	2514435
mp_formal_name	Unambiguous description of the Manufactured Product that is available for prescribing and dispensing in Canada.	HYDROMORPHONE HYDROCHLORIDE INJECTION USP (HYDROMORPHONE HYDROCHLORIDE 1 MG PER 1 ML SOLUTION FOR INJECTION VIAL) SANDOZ CANADA INCORPORATED
mp_status	<p>Lifecycle state for the product.</p> <p>Allowable values for status are or an identifier specific to the Canadian Clinical Drug Data Set.</p>	Active

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
ntp_code	Unique meaningless Non-proprietary Therapeutic Product identifier.	9014761
ntp_formal_name	Unambiguous description of the Non-proprietary Therapeutic Product (brand independent and clinically oriented representation of a manufactured (therapeutic) drug product) necessary to distinguish it from other similar concepts.	HYDROMORPHONE HYDROCHLORIDE 1 MG PER 1 ML SOLUTION FOR INJECTION VIAL
tm_code	Unique meaningless therapeutic moiety identifier.	8000106
tm_formal_name	Unambiguous description of the therapeutic moiety (clinically significant part of the active ingredient present in a medicinal product) necessary to distinguish it from other similar concepts.	HYDROMORPHONE
BC_SCT_route_code	SNOMED CT concept ID that represents the route of administration for this medicinal product.	738984000
BC_SCT_route_name	SNOMED CT-Route of administration description of a therapeutic agent into or onto the patient (qualifier value).	Parenteral

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
BC_SCT_form_code	SNOMED CT concept ID that represents a general type of pharmaceutical formulation for this medicinal product (basic dose form).	385223009
BC_SCT_form_name	SNOMED CT- Basic dose form name that represents the formulation for the medicinal product intended to be delivered to the patient (e.g., tablet, capsule, cream, ointment, solution, suspension).	Powder for solution for injection
BC_SCT_Unit_of_Presentation_code	SNOMED CT concept ID represents the unit of presentation for this medicinal product.	733026001
BC_SCT_Unit_of_Presentation_name	SNOMED CT-Unit of presentation name of a therapeutic agent into or onto the patient (qualifier value).	Vial (unit of presentation)

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
Hazardous_Drug_Flag	<p>An indicator that identifies the medication as being an occupational hazard to healthcare workers as identified in:</p> <ul style="list-style-type: none"> <li>• Group 1: NIOSH List of Hazardous Drugs (table 1) and reviewed by Provincial Pharmacy Hazardous Drug Review Committee</li> <li>• Group 2: NIOSH List of Hazardous Drugs (table 2) and reviewed by Provincial Pharmacy Hazardous Drug Review Committee</li> </ul> <p>These drugs must be handled with the use of recommended personal protective equipment (PPE), regardless of dosage form.</p>	1
Controlled_Prescription_Program_Flag	The Controlled Prescription Program flag identifying the medicinal product as controlled and requiring a duplicate pad prescription	1

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 2. BC Manufactured Product Mapped to Non-Proprietary Therapeutic Product (NTP) and HC DIN

<b>Subset Name</b>	BC Manufacturer Product mapped to Non-Proprietary Therapeutic Product (NTP) and HC DIN
<b>Tab</b>	CCDD_MP_NTP_DIN
<b>Description</b>	Manufactured Products (MP) which identifies the precise ingredient, strength, dose form, and dose unit of presentation mapped to both the HC DIN, ATC, and NTP code.

Field Name	Description	Example
mp_code	Unique Manufactured Product identifier, which may be a Health Canada assigned DIN or NPN, or an identifier specific to the Canadian Clinical Drug Data Set.	
mp_formal_name	Unambiguous description of the Manufactured Product that is available for prescribing and dispensing in Canada.	TEVA-CLONIDINE (clonidine hydrochloride 0.1 mg oral tablet) TEVA CANADA LIMITED
mp_status	Lifecycle state for the product.  Allowable values for status are or an identifier specific to the Canadian Clinical Drug Data Set.	Active

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
mp_status_effective_time	The date of the mp_status in this file is based on the underlying regulatory status data in the DPD; Format = YYYYMMDD.	1993-12-31
NTP_code	Unique meaningless Non-proprietary Therapeutic Product identifier.	9000346
HC_DIN	The DIN or NPN identifier assigned to an authorized medicinal product by Health Canada.	2046121
HC_Brand_Name	The product name as present in the DPD approved by Health Canada.	TEVA-CLONIDINE
HC_Drug_Code	Unique meaningless code assigned by Health Canada to each drug product.	14715
HC_last_status	Health Canada value representing if the product is available on shelf in Canada or elsewhere.	Marketed
HC_last_status_date	Health Canada last status date a product is available on shelf in Canada or elsewhere.	2014-01-17
HC_number_of_active_ingred	Health Canada representation of the total number of active ingredient(s) contained in a medicinal product.	1
HC_AIG	Health Canada value representing the active ingredient(s) contained in a medicinal product.	108891001

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
WHO_ATC_code	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	C02AC01
WHO_ATC_code description	WHO ATC description of medicinal substances classified by their main therapeutic use.	Clonidine
Hazardous_Drug_Flag	<p>An indicator that identifies the medication as being an occupational hazard to healthcare workers as identified in:</p> <ul style="list-style-type: none"> <li>Group 1: NIOSH List of Hazardous Drugs (table 1) and reviewed by Provincial Pharmacy Hazardous Drug Review Committee</li> <li>Group 2: NIOSH List of Hazardous Drugs (table 2) and reviewed by Provincial Pharmacy Hazardous Drug Review Committee</li> </ul> <p>These drugs must be handled with the use of recommended personal protective equipment (PPE), regardless of dosage form.</p>	1
Controlled_Prescription_Program (CPP)_Flag	The Controlled Prescription Program flag identifying the medicinal product as controlled and requiring a duplicate pad prescription	1

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 3. BC Non-Proprietary Therapeutic Product (NTP) to Therapeutic Moiety™

<b>Subset Name</b>	BC Non-Proprietary Therapeutic Product (NTP) to Therapeutic Moiety™
<b>Tab</b>	CCDD_NTP_TM
<b>Description</b>	Non-proprietary therapeutic product (NTP) which includes information that is brand independent and is a clinically oriented representation of a manufactured product with qualitative strength, form, and route (e.g., 2.5 mg oral tablet) mapped to a therapeutic moiety (the active substance(s)).

Field Name	Description	Example
ntp_code	Unique meaningless Non-proprietary Therapeutic Product identifier.	9000003
ntp_formal_name	Unambiguous description of the Non-proprietary Therapeutic Product (brand independent and clinically oriented representation of a manufactured (therapeutic) drug product) necessary to distinguish it from other similar concepts.	epinephrine (epinephrine hydrochloride) 1 mg per 1 mL solution for injection ampoule
ntp_status	The lifecycle state for the product. Allowable values for status are "Active", "Inactive".	Active

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
ntp_status_effective_time	The date of the ntp_status in this file has been inferred based on the Manufactured Products associated with the ntp; Format = YYYYMMDD.	1951-12-31
tm_code	Unique meaningless therapeutic moiety identifier.	8000003
tm_formal_name	Unambiguous description of the therapeutic moiety (clinically significant part of the active ingredient present in a medicinal product) necessary to distinguish it from other similar concepts.	epinephrine
BC_SCT_route_code	SNOMED CT concept ID that represents the route of administration for this medicinal product.	738984000
BC_SCT_route_name	SNOMED CT-Route of administration description of a therapeutic agent into or onto the patient (qualifier value).	Parenteral
BC_SCT_form_code	SNOMED CT concept ID that represents a general type of pharmaceutical formulation for this medicinal product (basic dose form).	385219001
BC_SCT_form_name	SNOMED CT- Basic dose form name that represents the formulation for the medicinal product intended to be delivered to the patient (e.g., tablet, capsule, cream, ointment, solution, suspension).	Solution for injection

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
BC_SCT_Unit_of_Presentation_code	SNOMED CT concept ID represents the unit of presentation for this medicinal product.	732978007
BC_SCT_Unit_of_Presentation_name	SNOMED CT-Unit of presentation name of a therapeutic agent into or onto the patient (qualifier value).	Ampule (unit of presentation)

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 4. Health Canada DPD DIN Therapeutic Route Form

<b>Subset Name</b>	Health Canada DPD DIN_Therapeutic_Route_Form
<b>Tab</b>	DPD_Drug_Route_Form
<b>Description</b>	Linking Health Canada DIN, Brand name, WHO ATC groups, ingredients, form, and route of administration for marketed medication products in Canada.

Field Name	Description	Example
HC_Drug Code	Unique meaningless code assigned by Health Canada to each drug product.	3132
HC_DIN	Drug Identification Number (DIN)/ Natural Product Number (NPN) assigned to each of the products by the Health Protection Branch of Health Canada.	438014
HC_Brand Name	This is the brand name approved by Health Canada, under which the drug product may be marketed.	(20 Mmol/L) Potassium Chloride In 3.3% Dextrose And 0.3% Sodium Chloride Injection Usp
WHO_ATC_code	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	B05BB02

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
WHO_ATC_code description	WHO ATC description of medicinal substances classified by their main therapeutic use.	Electrolytes with carbohydrates
Number_of_AIS	This represents the total number of active (medicinal) ingredient(s) contained in a product.	3
Health_Canada_Form	Indicates the form of presentation in which a medicinal product is supplied (e.g., tablet, capsule, cream, drops).  A product can have more than one dosage form when it is a kit (e.g., tablet, capsule).	Solution
Health_Canada_Route	Indicates the part of the body on which, through which or into which the product is to be introduced (e.g., oral, topical, intramuscular, rectal).  A product can have more than one route of administration (e.g., intravenous, intramuscular).	Intravenous
HC_last_status	Health Canada value representing if the product is available on shelf in Canada or elsewhere.	Marketed
HC_last_status_date	Health Canada last status date a product is available on shelf in Canada or elsewhere.	2023-01-01

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 5. Health Canada DPD\_Brand\_Therapeutic\_Name

<b>Subset Name</b>	Health Canada DPD_Brand_Therapeutic_Name
<b>Tab</b>	DPD_Brand_Therapeutic_Name
<b>Description</b>	Linking Health Canada DPD details (e.g., Class, DIN, Brand name, Number of Active Ingredients (AI)), to the Canadian Clinical Drug Dataset (CCDD) therapeutic names and related WHO ATC groups and name for marketed medication products in Canada.

Field Name	Description	Example
HC_Drug Code	Unique meaningless code assigned by Health Canada to each drug product.	95983
HC_Class	Unique class identified by Health Canada if the drug is for human use, veterinary use, disinfectant, or used as a radiopharmaceutical.	Human
HC_DIN	Drug Identification Number (DIN)/ Natural Product Number (NPN) assigned to each of the products by the Health Protection Branch of Health Canada.	02470780
HC_Brand Name	This is the brand name approved by Health Canada, under which the drug product may be marketed.	Aa-Lansoprazole- Amoxicillin- Clarithromycin

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
Company_Name	The Company and/or manufacturer name provided to Health Canada.	Aa Pharma Inc
Number_of_AIS	This represents the total number of active (medicinal) ingredient(s) contained in a product.	3
Therapeutic_name_from_DPDIngredients	The Non-proprietary Therapeutic Product (brand independent and clinically oriented representation of a manufactured (therapeutic) drug product) derived from Health Canada DPD ingredients.	amoxicillin 500 mg / capsule with clarithromycin 500 mg / tablet with lansoprazole 30 mg / capsule oral kit (capsule and delayed release capsule and tablet)
Brand_Therapeutic_Name_example	The brand name, therapeutic drug product name, and drug manufacturer derived from Health Canada DPD ingredients.	Aa-Lansoprazole-Amoxicillin-Clarithromycin (amoxicillin 500 mg / capsule with clarithromycin 500 mg / tablet with lansoprazole 30 mg / capsule oral kit (capsule and delayed release capsule and tablet)) [Aa Pharma Inc]

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
CCDD_NTP_code	Unique meaningless Non-proprietary Therapeutic Product identifier.	9012653
CCDD_NTP_formal_name	Unambiguous description of the Non-proprietary Therapeutic Product (brand independent and clinically oriented representation of a manufactured (therapeutic) drug product) necessary to distinguish it from other similar concepts.	amoxicillin 500 mg oral capsule with clarithromycin 500 mg oral tablet with lansoprazole 30 mg gastro-resistant capsule
HC_status	Health Canada value representing if the product is available on shelf in Canada or elsewhere.	Marketed
HC_status_date	Health Canada last status date a product is available on shelf in Canada or elsewhere.	2022-10-04
WHO_ATC_code	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	A02BD07
WHO_ATC_code description	WHO ATC description of medicinal substances classified by their main therapeutic use.	Lansoprazole, amoxicillin and clarithromycin

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 6. WHO ATC Code-Drug Name

<b>Subset Name</b>	WHO ATC code-drug name
<b>Tab</b>	WHO ATC code-drug name
<b>Description</b>	Medicinal substances classified according to their main therapeutic use for each medicinal product (as defined by route of administration and in some cases strength).

<b>Field Name</b>	<b>Description</b>	<b>Example</b>
WHO_ATC_code	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	A10BA02
WHO_ATC_code description	WHO ATC description of medicinal substances classified by their main therapeutic use.	Metformin

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 7. Low-Cost Alternative (LCA) Special Authority (SA) Benefit Status

<b>Subset Name</b>	Low-Cost Alternative (LCA)_Special Authority (SA) Benefit Status
<b>Tab</b>	LCA_SA
<b>Description</b>	This list includes all new and existing generic drugs within the LCA Program with their current reimbursement limits

Field Name	Description	Example
LCA Category No	Unique meaningless code assigned by PharmaCare to each drug category.	1366
HC_DIN	Drug Identification Number (DIN)/ Natural Product Number (NPN) assigned to each of the products by the Health Protection Branch of Health Canada.	02297841
Chemical Name	The name of the chemicals for each drug which includes form, dose, and dose units.	LOSARTAN HCTZ TAB 100MG/12.5MG
Drug Name	The product name associated with a specific manufacturer's version of a drug.	HYZAAR

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
Manufacturer	<p>The manufacturer code assigned by Health Canada.</p> <p>For more information, please see the tab for Manufacturer codes and names.</p>	MRK
Full / Partial LCA Benefit	<p>This column indicates whether or not a product will be automatically and fully covered by PharmaCare:</p> <ul style="list-style-type: none"> <li>• F — the product is a "Full Benefit" and will be fully covered by PharmaCare, subject to the Maximum Pricing Policy.</li> <li>• P — the product is a "Partial Benefit" and coverage is limited according to LCA or RDP pricing policy.</li> <li>• P* —the product will be recognized as a full benefit if a Special Authority has been granted an exemption from the RDP rules.</li> </ul>	P
Plan B Only	<p>A "Y" in this column indicates that the product is a benefit for Plan B patients only.</p> <p>These drugs are subject to LCA or RDP rules.</p>	

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
RDP	<p>An "RDP" entry in this column indicates that the drug is subject to the rules of the Reference Drug Program (RDP).</p> <p>Claims for drugs that are RDP-designated will adjudicate according to LCA Program rules, and up to a maximum daily cost that is determined by the cost of the reference drug comparator.</p> <p>A "REF" entry indicates that the drug is a reference drug for the category.</p> <p>All claims for a "REF" drug adjudicate according to LCA Program rules.</p> <p>If this column is blank, the drug is not included in the RDP.</p>	REF
SA	<p>A "Y" in this column indicates that the product is a LIMITED COVERAGE DRUG that is covered only with an approved Special Authority (SA).</p> <p>Claims for SA drugs adjudicate to zero unless a Special Authority approval has been granted and entered on PharmaNet before the prescription is filled.</p> <p>All valid claims for an SA drug adjudicate according to LCA Program rules.</p>	Y

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
Prov	<p>A "Y" entry in this column indicates that the drug has been listed on a provisional basis.</p> <p>Drugs listed on a provisional basis may be removed from the PharmaCare formulary at the Minister's discretion.</p> <p>For details, refer to the Drug Price Regulation.</p>	
<a href="#">Pan-Canadian</a>	A "Y" in this column indicates that the product is subject to the price point set by the Pan-Canadian Value Price Initiative for Generic Drugs.	
Tiered Pricing Categories	A "Y" in this column indicates that the product is subject to the price established in accordance with the Tiered Pricing Framework as agreed upon in the principle by the Canadian Generic Pharmaceutical Association (CGPA) and participating provinces and territories, including BC, as part of the Council of the Federation.	Y
Max Price	The price entered into PharmaNet as the maximum price that PharmaCare will reimburse for the drug.	2.107
LCA Price	The maximum amount PharmaCare will reimburse for a partial benefit in a particular LCA category.	0.333

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 8. Reference Drug Program (RDP) Categories

<b>Subset Name</b>	Reference Drug Program (RDP) categories
<b>Tab</b>	RDP_categories
<b>Description</b>	This list includes all new and existing generic drugs within the LCA Program with their current reimbursement limits

Field Name	Description	Example
RDP Category	A group of drugs, used to treat the same illness or condition, that are equally safe and effective.  Within each category, fully covered (“reference”) drugs are not subject to a daily maximum; partially covered (“non-reference”) drugs are subject to a daily maximum.	Ace Inhibitors
HC_DIN	Drug Identification Number (DIN)/ Natural Product Number (NPN) assigned to each of the products by the Health Protection Branch of Health Canada.	02283131
Generic Name	The name of the chemicals for each drug which includes form, dose, and dose units.	RAMIPRIL HYDROCHLOROTHIAZIDE TAB 2.5MG/12.5MG

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
Drug Name	The product name associated with a specific manufacturer's version of a drug.	ALTACE HCT
MAN	The manufacturer code assigned by Health Canada.	SAV
RDP_status	The RDP status is determined by the cost of the reference drug. "Full (REF)" refers to the reference drug(s) in the category. "Partial (NONREF)" indicates that the drug will be reimbursed to a maximum of the price of the reference drug.	Full (REF)

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 9. Manufacturer Code and Names

<b>Subset Name</b>	Manufacturer Code and Names
<b>Tab</b>	Manufacturer Code Names
<b>Description</b>	This list includes all manufacturer codes and names assigned by Health Canada

Field Name	Description	Example
MFR_CODE	The manufacturer code assigned by Health Canada.	14412
COMPANY_NAME	The Company and/or manufacturer name provided to Health Canada.	AA PHARMA INC
PNET_MFR_ABBREVIATION	The manufacturer abbreviation used by PharmaNet in the LCA and RDP tabs	AAP
SUITE_NUMBER	The Suite Number of the address.	UNIT 1
STREET_NAME	The name of the street location	1165 CREDITSTONE ROAD
CITY_NAME	The city name	VAUGHAN
PROVINCE_STATE	The province or state name, if applicable	ONTARIO

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
COUNTRY	The country name	CANADA
POSTAL_CODE	The postal code, if applicable	L4K 4N7
POST_OFFICE_BOX	The postal box, if applicable	

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 10. BC PIN Category

<b>Subset Name</b>	BC PIN Category
<b>Tab</b>	BC PINs: This list includes all Pharmacare formulary created product id numbers used in PharmaNet
<b>Description</b>	<p>Product Identification Numbers (PINs) are created by PharmaCare to allow claims to be adjudicated by the PharmaNet system when the:</p> <ul style="list-style-type: none"> <li>• Drug identification number (DIN) has not been supplied by First Databank</li> <li>• Drug or product is classified as an investigational drug or non-pharmaceutical</li> <li>• Drug or product needs a separate identifier for PharmaCare purposes</li> </ul>

Field Name	Description	Example
PIN	Product Identification Numbers (PINs) created by PharmaCare to allow claims to be adjudicated by the PharmaNet system.	46340010
Generic Name from PharmaNet	The generic product identification name truncated to 30 characters returned by PharmaNet 's drug database.	DISETRONIC MEDICAL SYSTEMS INC

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
Full Name/Description	The full generic product description created by formulary and entered into PharmaNet's drug database.	DISETRONIC MEDICAL SYSTEMS INC. (DMSI) ACCU-CHEK RAPID-D INFUSION SET
Length	The length of the product identification name. Used to determine name descriptions over 30 characters.	69
Category	The PIN category created by PharmaCare to allow claims to be adjudicated in PharmaNet.	Diabetes
Sub-Category	The PIN sub-category that identifies additional details relevant to the PIN created by PharmaCare.	Insulin pump supplies
Additional Categories	Additional details relevant to the PIN created by PharmaCare.	Infusion sets/kits
Device Indicator	The device indicator flag created by Pharmacare formulary relevant to devices returned in medication profile responses.	Yes
Notes	Any relevant additional details of the PIN	<a href="#">Product identification numbers (PINs) - Province of British Columbia</a>

## BC Medication Catalog Data Dictionary

Field Name	Description	Example
Optional Extended Display for PIN Name/Description	The fully specified display name (non-truncated) is used by Point of Service applications when displaying the PIN description to clinical users.	DISETRONIC MEDICAL SYSTEMS INC. (DMSI) ACCU-CHEK RAPID-D INFUSION SET

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## CATEGORIES

Note: This is also documented in the LEGEND from the BC Medication Value Set spreadsheet.

Category	Link	Examples
Compounded Prescriptions	<a href="#">Link</a>	<ul style="list-style-type: none"><li>• Eligible</li><li>• Non-Benefit</li><li>• Discontinued Compound</li></ul>
Cystic Fibrosis Supplies	<a href="#">Link</a>	<ul style="list-style-type: none"><li>• Digestive enzymes</li><li>• Nutritional supplements and vitamins</li><li>• Hypertonic saline 7%, normal saline and sterile water</li></ul>

## BC Medication Catalog Data Dictionary

Category	Link	Examples
Diabetes	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>• Blood glucose test strips (BGTS)</li> <li>• Continuous glucose monitors (CGMs)</li> <li>• Insulin pumps</li> <li>• Insulin pump supplies</li> <li>• Insulin pump and insulin pump supplies – approved vendors</li> <li>• Needles and syringes</li> </ul>
Minor Ailments and Contraception Service (MACS)	<a href="#">Link</a> Pharmacist assessment and treatment for 21 minor ailments and contraception services (e.g., medication and/or devices).	<ul style="list-style-type: none"> <li>• Heartburn (condition)</li> <li>• Contraception pill</li> </ul>
Medical Assistance in Dying (MAiD)	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>• Intravenous (IV) kit</li> <li>• Oral kit</li> <li>• Clinical Service Fee</li> </ul>

## BC Medication Catalog Data Dictionary

Category	Link	Examples
Medication Management	N/A	
Medication Study	N/A	
Miscellaneous	<a href="#">Link</a>	
Opioid Agonist Treatment (OAT)	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>• Direct interaction</li> <li>• Direct interaction with delivery</li> <li>• No direct interaction</li> <li>• No direct interaction with delivery</li> <li>• Non-benefit methadone</li> <li>• Buprenorphine/naloxone, Suboxone, and Kadian</li> </ul>
Ostomy Supplies	<a href="#">Link</a>	

## BC Medication Catalog Data Dictionary

Category	Link	Examples
Plan W Non-Drug OTC Benefits	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>• General supplies</li> <li>• Diabetic supplies</li> <li>• Inhaler spacers</li> <li>• IUDs</li> </ul>
Prosthetic and Orthotic	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>• Mastectomy</li> <li>• Ocular</li> <li>• Orthotic</li> <li>• Ostomy</li> <li>• Prosthetic</li> </ul>
Publicly Funded Vaccines	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>• COVID-19 vaccine</li> <li>• Influenza vaccine</li> <li>• Other vaccine</li> </ul>
Renal Supplies	N/A	

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 11. BC Vaccine Catalogue File (BC MIP to DIA-IA-BC PIN Mapping)

<b>Subset Name</b>	BC Vaccine Catalogue File
<b>Tab</b>	BC MIP to DIA-IA-BC PIN Mapping (see Appendix A: BC Vaccine Catalogue)
<b>Description</b>	Brand specific Manufactured Immunizing Products (MIP) currently or recently available for prescribing and administration in BC. Each product and associated metadata are categorized as Detailed Immunizing Agent (DIA) and Immunizing Agent (IA) with the precise ingredient, strength, dose form and relevant unit of presentation for use in Canada. MIP is a child of DIA; DIA is a child of IA.

<b>Data Field</b>	<b>Description</b>	<b>Example</b>
BC UNIQUE MIP CODE	Code used to uniquely identify the manufactured immunizing product.	02401886
BC UNIQUE MIP CODE SYSTEM	Code system associated with the unique identifier. Currently, only Health Canada drug products and SNOMED CT code systems are used.	Health Canada
HC DIN	Drug Identification Number issued by Health Canada that corresponds to the Manufactured Immunizing Product.	02401886

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
BC PIN (PHARMANET)	B.C specific internally unique Product Identification Number (PIN) used for publicly funded vaccine PharmaNet claims.	66128551
MIP PRODUCT NAME	Manufactured Immunizing Product name as listed by Health Canada.	Arepanrix H5N1
MIP SCT CODE	SNOMED CT code represents the manufactured product (real clinical drug).	57881000087106
MIP SCT FORMAL NAME	SNOMED CT fully specified name identifying the real clinical drug name of vaccines and passive immunizing agents with precise ingredients, strength, dose form and relevant unit of presentation.	AREPANRIX H5N1 3.75 micrograms per 0.5 milliliter suspension and emulsion for injection ID Biomedical Corporation of Quebec (real clinical drug)
CONCAT FORM	Available physical forms in which the vaccine is produced and dispensed (e.g., tablet, capsule, liquid, suspension). Options listed in the DPD are concatenated and separated by commas.	emulsion
CONCAT ROUTE	Possible routes of administration for this vaccine. Options list in the DPD are concatenated and separated by commas.	Intramuscular

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
UNIT OF PRESENTATION CODE	SNOMED CT code representing the unit of presentation.	733026001
UNIT OF PRESENTATION NAME	The qualitative concept name that describes a countable entity in which the clinical drug is presented (e.g., tablet, capsule) or in which it is bound (vial, ampule).	Vial (unit of presentation)
DESCRIPTOR	Detailed information on the presentation of the vaccine as listed in the Health Canada DPD.	As03-adjuvanted h5n1 pandemic influenza vaccine
NUMBER OF AIS	Number of active ingredients in the product as listed in the Health Canada DPD.	1
NTP_NAME	A non-proprietary therapeutic product (NTP) immunizing agent name describes the unique combination of active substances (therapeutic moieties) and their strengths, form, intended route, and unit of presentation of a preparation.	haemagglutinin-strain a (h5n1) 3.75 mcg / 0.5 mL emulsion for injection
MARKET AUTHORIZATION HOLDER	Company Name of the market authorization holder for this vaccine product.	Id Biomedical Corporation Of Quebec
DIA SCT CODE	SNOMED CT code for a MIP parent concept that categorizes the medicinal product details.	1003499009

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
DIA SCT FORMAL NAME	Detailed categorization of the vaccine including valency, mechanism (e.g., live attenuated, inactivated) and qualitative strength (e.g., high dose, low dose) of the agent or agents contained in the vaccine.	Vaccine product containing only Influenza A virus subtype H5N1 antigen (medicinal product)
DIA SHORT NAME	Detailed immunizing agent short name following existing conventions.	Influenza H5N1 vaccine
DIA ABBREVIATION	Detailed immunizing agent abbreviation to be used as appropriate in orders or documenting immunizing agent history when specific manufactured immunizing product to be given or historically administered are not known.	Inf H5N1
IA SCT CODE	SNOMED CT code representing the type of immunizing agents (medicinal product).	1181000221105
IA SCT FORMAL NAME	Groups immunizing agents by the disease for which they provide active or passive protection.	Vaccine product containing only Influenza virus antigen (medicinal product)
IA SHORT NAME	Immunizing agent name.	Influenza
IA ABBREVIATION	Abbreviation for the immunizing agent	Inf
WHO ATC CODE	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	J07BB02

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
WHO ATC NAME	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) name of medicinal substances.	influenza, inactivated, split virus or surface antigen
DISPLAY NAME	Immunizing agent abbreviation including brand name and market authorization holder abbreviation to be used when displaying a list of vaccines to clinicians.	Inf AREPANRIX H5N1 IDB
AVAILABILITY	Health Canada status of products approved for use in Canada (e.g., approved, marketed, cancelled post market, special access, international, and dormant).	Marketed
MIP LAST STATUS	Manufactured Immunizing Product status in BC subset (e.g., added, modified).	Modified
MIP LAST STATUS DATE	Date of addition or modification of MIP.	2025-05-01
PRODUCT MONOGRAPH URL	URL for detailed information around the vaccine (e.g., indications, dose and administration, contradictions, warnings). For Health Canada DPD products, this is usually the product monograph. When product monograph is not available, the link may be to other authoritative sources such as WHO, US FDA, BC or US CDC.	<a href="https://pdf.hres.ca/dpd_pm/00037980.PDF">https://pdf.hres.ca/dpd_pm/00037980.PDF</a>

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
JURISDICTIONAL URL	Health Canada DPD URL for detailed product information around the vaccine (e.g., DIN, Product Name, Description, Company, Labelling, Dosage, Route of administration). For Health Canada DPD products, this includes product information and the product monographs if available.	<a href="https://health-products.canada.ca/dpd-bdpp/info?lang=eng&amp;code=88676">https://health-products.canada.ca/dpd-bdpp/info?lang=eng&amp;code=88676</a>

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 12. BC Hazardous Drug Relationship List (DIN, Brand Name, Therapeutic Name, Ingredient Mapping)

<b>Subset Name</b>	BC Hazardous Medication List File
<b>Tab</b>	BC Hazardous Medication List
<b>Description</b>	The Hazardous Medication List meets the criteria of the National Institute for Occupational Safety and Health (NIOSH) definition of a hazardous drug where one or more of the following characteristics are identified as a carcinogenic hazard, developmental hazard, reproductive hazard, genotoxic hazard, or other health hazard by exhibiting one or more of the following toxicity criteria in humans, animal models, or in vitro systems.

<b>Data Field</b>	<b>Description</b>	<b>Example</b>
HC_Class	The DIN or NPN identifier assigned to an authorized medicinal product by Health Canada.	Human
HC_DIN	The DIN or NPN identifier assigned to an authorized medicinal product by Health Canada.	02244022

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
HC_Brand_Name	Hazardous medication name identified by jurisdictions (e.g., BC, AB, and NIOSH) as meeting the following characteristics: <ul style="list-style-type: none"> <li>• carcinogenicity (cancer-causing),</li> <li>• teratogenicity or developmental toxicity (harm to fetuses),</li> <li>• reproductive toxicity (impairs reproduction),</li> <li>• genotoxicity (damages DNA), organ toxicity at low doses.</li> </ul>	Misoprostol
Therapeutic _name from HCInged	Unambiguous description of the Non-proprietary Therapeutic Product (brand independent and clinically oriented representation of a manufactured (therapeutic) drug product ingredient.	misoprostol 100 mcg oral tablet
Company_name	The Company and/or manufacturer name provided to Health Canada.	Aa Pharma Inc

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
BC_Hazardous_Drug_Group	<p>These drugs represent an occupational hazard to healthcare workers as identified in:</p> <ul style="list-style-type: none"> <li>• Group 1: NIOSH List of Hazardous Drugs (table 1) and reviewed by Provincial Pharmacy Hazardous Drug Review Committee</li> <li>• Group 2: NIOSH List of Hazardous Drugs (table 2) and reviewed by Provincial Pharmacy Hazardous Drug Review Committee</li> </ul> <p>These drugs must be handled with the use of recommended personal protective equipment (PPE), regardless of dosage form.</p>	2

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
AB_Hazardous_Drug_Categories	<p>Medications that meet the criteria of the National Institute for Occupational Safety and Health (NIOSH) definition of a hazardous drug classification:</p> <ul style="list-style-type: none"> <li>• K = KNOWN (serious risk to healthcare staff if exposed)               <ul style="list-style-type: none"> <li>○ CK = (Cytotoxic substance resulting in cell death or damage)</li> <li>○ KH = (Specialized clean-up if spilled)</li> </ul> </li> <li>• P = POTENTIAL (NIOSH criteria of a hazardous drug for carcinogenicity, cytotoxicity, genotoxicity, or organ toxicity at low doses but are not classified as carcinogenic by NTP or IARC)</li> <li>• R = REPRODUCTIVE (NIOSH criteria of a hazardous drug for developmental, reproductive, or teratogenic risks)               <ul style="list-style-type: none"> <li>○ RH = (Administered by respiratory specialist)</li> </ul> </li> </ul>	R

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
NIOSH_table	<p>Medications that meet the criteria of NIOSH and are identified as a carcinogenic hazard, developmental hazard, reproductive hazard, genotoxic hazard, or other health hazard following toxicity criteria in humans, animal models, or in vitro systems for:</p> <ul style="list-style-type: none"> <li>• Carcinogenicity,</li> <li>• Developmental toxicity (including teratogenicity),</li> <li>• Reproductive toxicity,</li> <li>• Genotoxicity,</li> <li>• Organ toxicity at low doses,7 or a</li> <li>• Structure and toxicity profile that mimics existing drugs determined hazardous by exhibiting any one of the previous five toxicity types.</li> </ul>	2
HC_status	Health Canada value representing if the product is available on shelf in Canada or elsewhere.	Marketed
HC_status_date	Health Canada last status date a product is available on shelf in Canada or elsewhere.	2011-12-14

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
WHO_ATC_code	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	A02BB01
WHO_ATC_code description	WHO ATC description of medicinal substances classified by their main therapeutic use.	Misoprostol

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 13. BC Controlled Prescription Program Drug List

<b>Subset Name</b>	BC Controlled Prescription Program Drug List File
<b>Tab</b>	BC Controlled Prescription Program Drug List
<b>Description</b>	The Controlled Prescription Program (CPP) Drug List identifies drugs specified by the program that must be written on a duplicate prescription pad if prescribers are ordering schedule 1a drugs.

Data Field	Description	Example
HC_Drug_code	Unique meaningless code assigned by Health Canada to each drug product.	87974
HC_class	Unique class identified by Health Canada if the drug is for human use, veterinary use, disinfectant, or used as a radiopharmaceutical.	Human
HC_DIN	The DIN or NPN identifier assigned to an authorized medicinal product by Health Canada.	02394596
HC_Brand_name	This is the brand name approved by Health Canada, under which the drug product may be marketed.	Methadose

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
Company_Name	The Company and/or manufacturer name provided to Health Canada.	Mallinckrodt Canada Ulc
Opioid_agonist_flag	The Controlled Prescription Program flag identifying the medicinal product as controlled and requiring a duplicate pad prescription	1
Prescribed_alternative_flag	The DIN or NPN identifier assigned to an authorized medicinal product by Health Canada.	null
Number_of_AIS	This represents the total number of active (medicinal) ingredient(s) contained in a medicinal product.	1
Therapeutic_prod_code_system	The code system/jurisdiction where the Therapeutic code is derived.	CCDD_NTP
Therapeutic_prod_code	Unique meaningless Non-proprietary Therapeutic Product identifier.	9001395
Therapeutic_prod_name	Unambiguous description of the Non-proprietary Therapeutic Product (brand independent).	methadone hydrochloride 10 mg per mL oral solution
WHO_ATC_code	World Health Organization (WHO) Anatomical Therapeutic Chemical classification (ATC) code.	N07BC02

## BC Medication Catalog Data Dictionary

Data Field	Description	Example
WHO_ATC_code description	WHO ATC description of medicinal substances classified by their main therapeutic use.	Methadone
HC_Status	Health Canada value representing if the product is available on shelf in Canada or elsewhere.	Marketed

# BC Medication Catalog Data Dictionary

[Return to Table of Contents](#)

## 14. Pharmaceutical files related to Medication ontology

Resource	Link
CHI: Canadian Clinical Drug Data Set	<ul style="list-style-type: none"><li><a href="#">Canadian Clinical Drug Data Set</a></li></ul>
Drug Product Database (DPD) API Guide	<ul style="list-style-type: none"><li><a href="#">Drug Product Database (DPD) API Guide</a></li></ul>
Health Canada: Drug Product Database (DPD) Data Extract	<ul style="list-style-type: none"><li><a href="#">What is the DPD Data Extract? - Drug Product Database (DPD) Data Extract</a></li></ul>
Health Canada: Drug Product Database (DPD) Data Extract All Files	<ul style="list-style-type: none"><li><a href="#">Drug Product Database - All Files - Open Government Portal</a></li></ul>
Health Canada: Read Me File - Biosimilar Biologic Drugs	<ul style="list-style-type: none"><li><a href="#">Biosimilar biologic drugs</a></li></ul>
Province of BC: PDDF Pharmacare File	<ul style="list-style-type: none"><li><a href="#">Downloadable Drug Data Files</a></li><li><a href="#">BC PharmaCare Formulary Search</a></li></ul>