

Medical Devices System Incident Data Extract - Data Structure

Although the Medical Devices System is a relational database, there is a requirement to provide the incident data to users in a common format; therefore the data has been extracted into a flat file format. All files are pipe delimited, enclosed in "quotes".

The data extract is comprised of 6 files that contain data extracted from the Medical Devices System. The Medical Devices System stores the data in a more compact manner across a larger number of tables, joins and transformations have been performed to reduce the number of lookup tables required to use the data. It does not include the scripts (programming) used to produce the online version of the Database.

The technical information below is provided for users who are familiar with working with databases or spreadsheets in UTF-8 format.

Incident.txt
Incident_Device.txt
Incident_Company.txt
Incident_Patient_Device_Code.txt
Patient_Device_Code_Table.txt
Preferred_Name_Code_Table.txt

Incident

Purpose: Holds information about the receipt of reports and the overall severity of the incident.

Attribute Logical Name	Attribute Physical Name	Nullable	Date Type (Length)
Incident ID	INCIDENT_ID	No	NUMBER
Incident Type [English]	INCIDENT_TYPE_E	No	VARCHAR2(175 BYTE)
Incident Type [French]	INCIDENT_TYPE_F	No	VARCHAR2(175 BYTE)
Receipt Date	RECEIPT_DT	Yes	DATE
Source of Recall [English]	SOURCE_OF_RECALL_E	No	VARCHAR2(175 BYTE)
Source of Recall [French]	SOURCE_OF_RECALL_F	No	VARCHAR2(175 BYTE)
Hazard Severity Code [English]	HAZARD_SEVERITY_CODE_E	No	CHAR(60 BYTE)
Hazard Severity Code [French]	HAZARD_SEVERITY_CODE_F	No	CHAR(60 BYTE)
Incident Awareness Date	INC_AWARE_DT	Yes	DATE
Mandatory Report Type	MANDATORY_RPT	No	NUMBER
Incident Date	INCIDENT_DT	Yes	DATE

Incident Device

Purpose: Links devices to incidents from the Incident table.

Attribute Logical Name	Attribute Physical Name	Nullable	Date Type (Length)
Incident ID	INCIDENT_ID	No	NUMBER
Device ID	DEVICE_ID	No	NUMBER
Trade name	TRADE_NAME	No	CHAR(150 BYTE)
Preferred Name Code	PREF_NAME_CODE	No	CHAR(6 BYTE)
Risk Class	RISK_CLASSIFICATION	No	NUMBER
Usage Code (Specialty) [English]	USAGE_CODE_TERM_E	No	CHAR(60 BYTE)
Usage Code (Specialty) [French]	USAGE_CODE_TERM_F	No	CHAR(60 BYTE)

Incident Company

Purpose: Links companies to incidents in the Incident table, indicates the company role (importer, manufacturer, distributor) and whether they submitted a report.

Attribute Logical Name	Attribute Physical Name	Nullable	Date Type (Length)
Incident ID	INCIDENT_ID	No	NUMBER
Health Canada company identification number	COMPANY_ID	No	NUMBER
Company name	COMPANY_NAME	No	CHAR(90 BYTE)
Reported company role for this incident [English]	ROLE_E	No	VARCHAR2(175 BYTE)
Reported company role for this incident [French]	ROLE_F	No	VARCHAR2(175 BYTE)
Submitter (flag) [English]	SUBMITTER_FLAG_E	No	CHAR(3 BYTE)
Submitter (flag) [French]	SUBMITTER_FLAG_F	No	CHAR(3 BYTE)

Incident Patient Device Codes

Purpose: Links incidents in the Incident table to the coded patient and device problems associated with the incident.

Attribute Logical Name	Attribute Physical Name	Nullable	Date Type (Length)
Incident ID	INCIDENT_ID	No	NUMBER
Patient or Device Code	PATIENT_DEV_CD	No	NUMBER

Patient Device Code Table

Purpose: Decodes the coded patient and device problems, and identifies the types of problem listed in the Incident Patient Device Codes table.

Attribute Logical Name	Attribute Physical Name	Nullable	Date Type (Length)
Patient or Device Code	PATIENT_DEV_CD	No	NUMBER
Description [English]	DESC_E	No	CHAR(75 BYTE)
Description [French]	DESC_F	No	CHAR(75 BYTE)
Code Type [English]	CODE_TYPE_E	No	CHAR(75 BYTE)
Code Type [French]	CODE_TYPE_F	No	CHAR(75 BYTE)

Preferred Name Code Table

Purpose: Serves to decode the Preferred Name Codes listed in the Incident Device table.

Attribute Logical Name	Attribute Physical Name	Nullable	Date Type (Length)
Preferred Name Code	PREF_NAME_CODE	No	CHAR(6 BYTE)
Description [English]	PREF_DESC_E	No	VARCHAR2(120 BYTE)
Description [French]	PREF_DESC_F	No	VARCHAR2(120 BYTE)