



CDM Working Group

Updates and 2021 Plan

Meetings: 1st Tuesday of the month @1pm est

Location: OHDSI Teams environment

Team: *Workgroup – Common Data Model*



2020 Accomplishments

OMOP Common Data Model



Background

Conventions

CDM Versions

Proposals

Help

How to



OMOP CDM v6.0

Changes in v6.0

Clinical Data Tables

Health System Data Tables

Health Economics Data Tables

Standardized Derived Elements

Metadata Tables

Vocabulary Tables

OMOP CDM v6.0

Below is the specification document for the OMOP Common Data Model, v6.0. Each table is represented with a high-level description and ETL conventions that should be followed. This is continued with a discussion of each field in each table, any conventions related to the field, and constraints that should be followed (like primary key, foreign key, etc). Should you have questions please feel free to visit the [forums](#) or the [github issue](#) page.

-after regeneration of DDLs link to csv of cdm link to pdf of cdm documentation link to forum on doc page

Changes in v6.0

- Latitude and Longitude added to [LOCATION](#)
- Contract owner field added to [PAYER_PLAN_PERIOD](#)
- All primary keys were changed to bigint
- The name of [ADMISSION_SOURCE_CONCEPT_ID](#) was changed to [ADMITTED_FROM_CONCEPT_ID](#) in [VISIT_OCCURRENCE](#) and [VISIT_DETAIL](#)
- All [Concept_Ids](#) are now mandatory except for [UNIT_CONCEPT_ID](#), [VALUE_AS_CONCEPT_ID](#), and [OPERATOR_CONCEPT_ID](#). If there is no value available then a [Concept_Id](#) should be set to 0 instead of NULL.
- [DEATH](#) table removed and [DEATH_DATETIME](#) field added to the [PERSON](#) table. Cause of death is stored in the [CONDITION_OCCURRENCE](#)
- [DATETIME](#) fields were made mandatory and date fields were made optional.

Clinical Data Tables

PERSON

Table Description

This table serves as the central identity management for all Persons in the database. It contains records that uniquely identify each person or patient, and some demographic information.

User Guide

All records in this table are independent Persons.

ETL Conventions

All Persons in a database needs one record in this table, unless they fail data quality requirements specified in the ETL. Persons with no Events should have a record nonetheless. If more than one data source contributes Events to the database, Persons must be reconciled, if possible, across the sources to create one single record per Person. The [BIRTH_DATETIME](#) must be equivalent to the content of [BIRTH_DAY](#), [BIRTH_MONTH](#) and [BIRTH_YEAR](#). There is a helpful rule listed in table below for how to derive [BIRTH_DATETIME](#) if it is not available in the source. **New to CDM v6.0** The person's death date is now stored in this table instead of the separate [DEATH](#) table.



2021 Plan

- Pre-release of Oncology Tables
- What's the deal with CDM v6?
- Resuming regularly scheduled programming

