



# Common Data Model (CDM) v3.0 Specification Errata

This document is current as of: 2016-01-20

## 1.1. Background

### **What is the CDM Errata?**

The CDM Errata lists the minor errors and typos that have been identified in the CDM specification, with thanks to the individuals and teams who have pointed them out. It is intended as a guide to data partners, and to assist in evaluation for future CDM updates and releases.

### **Why are there errors?**

Despite our best efforts, which include formal review cycles and incorporation of feedback, some errors are not identified during this process. Our goal is to identify and promote awareness of these corrections.

### **Where to find the most up-to-date errata:**

This document is static, but the live version of the errata will be updated as issues are identified at <https://github.com/CDMFORUM/CDM-ERRATA>

### **What about adding new domains and new data elements?**

Any potential CDM expansion is not covered under the scope of errata. Errata only apply to the existing CDM specification.

### **License:**

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## 1.2. Errata

### Applies to:

2015-07-29 PCORnet Common Data Model v3.0

(<http://www.pcornet.org/wp-content/uploads/2014/07/2015-07-29-PCORnet-Common-Data-Model-v3dot0-RELEASE.pdf>)

| <i>Errata title</i>                                 | <i>Description of issue</i>  | <i>Errata correction</i>  | <i>Date added to errata</i> | <i>GitHub issue tracker</i> |
|---|--|---|-----------------------------|-----------------------------|
| RESULT_NUM SAS data type                            | In the LAB_RESULT_CM table, the RESULT_NUM field is currently specified as SAS Char(8). However, this is inconsistent given that the RDBMS data type is RDBMS Number(8).   | In the LAB_RESULT_TABLE, the SAS Data Type for the RESULT_NUM field should be NUMERIC(8).   | 2016-01-11                  | #2                          |
| Clarification for including all tables              | <p>Question: On page 7 of the CDM v3 specification there's a note that says all tables must be present. Could you please clarify if you want all tables expected for PPRNs or all tables covered in the specification including those never expected to be populated by PPRNs?</p> <p>Response: Yes, this would be all tables covered in the specification, regardless of whether the table actually has data. Basically, the menu-driven querying platform is fairly generic because it needs to work with any and all networks. The platform will look for each table (and will find it difficult to operate if the table isn't present in the database) – but the table can be completely empty.</p> <p>Response: Yes, you want to avoid an error and just retrieve zero rows</p> | In section 3.1, a clarification should be added that all tables should be present, even if it is a table not expected for PPRNs.    | 2016-01-11                  | #3                          |
| CDM diagram typo                                    | The CDM diagram in section 2.4 lists "DEATH_CONDITION," but the actual specification table name is DEATH_CAUSE.  | In section 2.4, the label for "DEATH_CONDITION" should be "DEATH_CAUSE".  | 2016-01-11                  | #4                          |
| Clarification for decimal precision on ORIGINAL_BMI | On the VITAL table, recommendation from data partner to add clarification that "Decimal precision is permissible" on the ORIGINAL_BMI field.   | In the VITAL table, an additional statement should be added that "Decimal precision is permissible" for the ORIGINAL_BMI statement. | 2016-01-12                  | #5                          |

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|---|---|---|-----------------------------|-----------------------------|
| Clarification for Postgres NUMBER data format   | Recommendation from data partner to clarify that the "RDBMS NUMBER" specification does not need to be literally interpreted as a Postgres NUMBER data format.   | In section 3.1, a clarification should be added that the number fields do not dictate that such values must be integers (unless indicated). Instead, a specification of NUMBER(8) is a recommendation for the precision, but does not include a second value to specify a permissible scale (ie, number of digits after the decimal place).   | 2016-01-12                  | #6                          |
| Language to attribute LOINC copyright           | The full copyright statement for LOINC content is not included.   | In the LAB_RESULT_CM section, the statement should be added: "This material contains content from LOINC® ( <a href="http://loinc.org">http://loinc.org</a> ). The LOINC table, LOINC codes, LOINC panels and forms file, and LOINC linguistic variants file are copyright © 1995-2015, Regenstrief Institute, Inc. and the Logical Observation Identifiers Names and Codes (LOINC) Committee and available at no cost under the license at <a href="http://loinc.org/terms-of-use">http://loinc.org/terms-of-use</a> ." | 2016-01-12                  | #7                          |
| DEATH constraint for records without death date | Some data partners have mortality data that does not include a date of death.<br><br>These records violate the DEATH table composite primary key and constraint for PATID + DEATH_DATE + DEATH_SOURCE. These records also violate the DEATH_DATE (required, not null) constraint. | In the DEATH table, the DEATH_DATE_IMPUTE field should include an additional categorical value: F=The full date, including month, day, and year, was imputed.   | 2016-01-12                  | #8                          |