This document contains the discrepancies between PEDSnet conventions and the OMOP-OPCORnet Subgroup conventions

Visit\_occurrence:

1. For transfers, such as Emergency Room Visit to Inpatient Visit, use FACT\_RELATIONSHIP table to record the link between the two visits. The two relationship\_concept\_id to use are ‘Occurs before’ and ‘Occurs after’. Below is an example:

| **Domain\_concept\_id\_1** | **fact\_id\_1** | **Domain\_concept\_id\_2** | **fact\_id\_2** | **relationship\_concept\_id** |
| --- | --- | --- | --- | --- |
| Visit | 35022489 | Visit | 35022490 | Occurs before |
| Visit | 35022490 | Visit | 35022489 | Occurs after |

1. According to PCORnet requirements, visit\_end\_date should be populated for all Inpatient, Non-Acute Institutional Stay, and Long Term Care Visits.

Since most of Long Term Care Visits will not have end date, this is an open question for PCORnet.

Discharge Status:

Value as concept ID:

PEDSnet:

|  |  |
| --- | --- |
| 44814701 | Residential Facility |

Subgroup:

|  |  |
| --- | --- |
| 44814680 | RS = Residential Facility |

Condition\_occurrence

Condition\_type\_concept\_id

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| condition\_type\_concept\_id | integer | Yes | A foreign key to the predefined concept identifier in the Vocabulary reflecting the source data from which the condition was recorded, the level of standardization, and the type of occurrence. For example, conditions may be defined as primary or secondary diagnoses, problem lists and person statuses. | Only the following two types are relevant to PCORnet Principal discharge diagnosis flag:   * Primary Condition: 44786627 * Secondary Condition: 44786629   All other types will translate to the following concepts from vocabulary\_id = ‘PCORnet’:   * No Information: 44814650 * Unknown: 44814653 * Other: 44814649 * Data field is not present in the source system: 0 |

Fact\_relationship: Establish the relationship between a condition\_occurrence and dx\_source

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DX\_SOURCE | Derive from Observation.value\_as\_concept\_id | Join to Fact\_Relationship table on  fact\_id\_1 = condition\_occurrence\_id  domain\_concept\_id\_1 = 19  domain\_concept\_id\_2 = 27  relationship\_concept\_id = 0  and Observation table on  fact\_id\_2 = observation\_id  and observation\_concept\_id isQualifier for type of diagnosis (4021918)   |  |  | | --- | --- | | OMOP to PCORnet | | | 4203942 | AD = Admitting | | 4230359 | FI = Final | | 4033240 | IN = Interim | | 44814650 | No Information | | 44814653 | Unknown | | 44814649 | Other |   If record does not exist, then NULL. | |  |  | | --- | --- | | OMOP Concepts | | | 4203942 | Admitting diagnosis | | 4230359 | Final diagnosis | | 4033240 | Preliminary diagnosis | | 44814650 | No Information | |  | Unknown | | 44814649 | Other | |
| RAW\_ DX\_SOURCE | Observation.observation\_source\_value | Join to Fact\_Relationship table on  fact\_id\_1 = condition\_occurrence\_id  domain\_concept\_id\_1 = 19  domain\_concept\_id\_2 = 27  relationship\_concept\_id = 0  and Observation table on  fact\_id\_2 = observation\_id  and observation\_concept\_id is Qualifier for type of diagnosis (4021918) |  |