**Table:** DEMOGRAPHICS

**Field:** PAT\_PREF\_LANGUAGE\_SPOKEN

**Change:** New Field

**Status:** Can be added from language\_concept\_id in Person table

**Field:** RAW\_PAT\_PREF\_LANGUAGE\_SPOKEN

**Change:** New Field

**Status:** Can be added from language\_source\_value in Person table

**Table:** ENCOUNTER

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** PROVIDERID

**Change**: Value must also exist in Provider if not NULL

**Status:** No change needed, already implemented in source data

**Field:** ENC\_TYP

**Change:** Value IC (Institutional Professional Consult) definition expanded to include “This includes physician consults for patients during inpatient encounters that are not directly related to the cause of the admission (e.g. a ophthalmologist consult for a patient with diabetic ketoacidosis) guidance updated in v4.0)”

**Status:** No change needed unless more detailed consult reason/admission diagnosis is available.

**Field:** FACILITYID

**Change:** Only 1 FACILITY\_TYPE per FACILITYID if not NULL

**Status**: No change needed, only 1 place\_of\_service\_concept\_id per care\_site\_id allowed (see FACILITY\_TYPE)

**Field:** DRG

**Change:** Implementation expanded to include “For records with multiple DRGs assigned, choose the most appropriate one based on the source data”

**Status**: Is most appropriate available? Currently minimum value is used.

**Table:** ENCOUNTER (continued)

**Field:** ADMITTING\_SOURCE

**Change:** New value IH (Intra-hospital) added with implementation “When a patient is discharged from one distinct entity in a hospital and admitted to another, resulting in a separate claim, use “IH””

**Status**: Not currently available. The admitting\_source\_concept\_id in visit occurrence table does not have a matching value.

**Field:** PAYER\_TYPE\_ PRIMARY

**Change**: New Field

**Status:** Need more information

**Field:** PAYER\_TYPE\_ SECONDARY

**Change**: New Field

**Status:** Need more information

**Field:** FACILITY\_TYPE

**Change**: New Field, with only 1 FACILITY\_TYPE per FACILITYID if not NULL

**Status:** Can be added from place\_of\_service\_concept\_id in care\_site table which only allows a single entry.

**Field:** RAW\_FACILITY\_TYPE

**Change**: New Field

**Status:** Can be added from place\_of\_service\_source\_value in care\_site table.

**Field:** RAW\_PAYER\_TYPE\_PRIMARY

**Change**: New Field

**Status:** Need more information, currently only have plan\_type in visit payer table

**Field:** RAW\_ PAYER \_NAME\_PRIMARY

**Change**: New Field

**Status:** Need more information, currently only have plan\_name in visit payer table

**Field:** RAW\_PAYER\_ID\_PRIMARY

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** RAW\_PAYER\_TYPE\_ SECONDARY

**Change**: New Field

**Status:** Need more information, currently only have plan\_type in visit payer table

**Table:** ENCOUNTER(continued)

**Field:** RAW\_ PAYER \_NAME\_ SECONDARY

**Change**: New Field

**Status:** Need more information, currently only have plan\_name in visit payer table

**Field:** RAW\_PAYER\_ID\_ SECONDARY

**Change**: New Field

**Status:** Need more information, currently unavailable

**Table:** DIAGNOSIS

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** ENCOUNTERID

**Change**: No longer mandatory, can be NULL. Value must also exist in Encounter if not NULL

**Status:** Need to change join between condition occurrence table and visit occurrence table on visit occurrence id to LEFT join.

**Field:** ENC\_TYPE

**Change**: Implementation updated to add “Should be non-null for all records replicated from ENCOUNTER table (guidance added in v4.0)”.

**Status:** No change needed, all ENC\_TYPE in ENCOUNTER table populated with OT if NULL.

**Field:** PROVIDERID

**Change**: Value must also exist in Provider if not NULL

**Status:** No change needed, already implemented in source data

**Field:** DX\_ORIGIN

**Change**: Value OD (Order) now includes EHR, value DR (Derived) added. Implementation updated to add “Use “DR” for all diagnoses that are derived or imputed through analytical procedures (e.g.,natural language processing). This does not apply to diagnoses that have been mapped from vocabulary mapping software/middleware (e.g,, IMO) See General Guidance #4. In those instances, use “OD” or “BI”, depending on the provenance of the diagnosis.”

**Status:** No change needed, DX\_ORIGIN is not derived, it comes from the condition\_type\_concept\_id in the condition occurrence table.

**Table:** DIAGNOSIS (continued)

**Field:** PDX

**Change**: Value X (Unable to Classify) removed. Implementation updated to add “Value expected for IP, IS, EI and OS encounters”.

**Status:** Need to change default value, it is currently X to UN (Unknown) or OT (Other))

**Field:** DX\_POA

**Change**: New Field

**Status:** Need more information, can it be identified whether diagnosis was present on inpatient admission.

**Field:** RAW\_DX\_POA

**Change**: New Field

**Status:** Need more information, can it be identified whether diagnosis was present on inpatient admission.

**Table:** PROCEDURES

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** ENCOUNTERID

**Change**: Value must also exist in Encounter if not NULL

**Status:** No change needed, already implemented

**Field:** ENC\_TYPE

**Change**: Implementation updated to add “Should be non-null for all records replicated from ENCOUNTER table (guidance added in v4.0)”.

**Status:** No change needed, all ENC\_TYPE in ENCOUNTER table populated with OT if NULL.

**Field:** PROVIDERID

**Change**: Value must also exist in Provider if not NULL

**Status:** No change needed, already implemented in source data

**Field:** PX\_TYPE

**Change**: Value description for 09 changed to ICD-9-CM

**Status:** No change needed, only code used.

**Table:** PROCEDURES(continued)

**Field:** PX\_SOURCE

**Change**: Value OD (Order) now includes EHR, value DR (Derived) added. Implementation updated to add “Use “DR” for all procedure records that are derived or imputed through analytical procedures (e.g., natural language processing). This does not apply to procedures mapped from a superset terminology (General Guidance #4)”.

**Status:** No change needed, PX\_SOURCE is not derived, it comes from the procedure\_type\_concept\_id in the procedure occurrence table.

**Field:** PPX

**Change**: New Field

**Status:** Need more information, can it be identified whether procedure is principal.

**Field:** RAW\_PPX

**Change**: New Field

**Status:** Need more information, can it be identified whether procedure is principal.

**Table:** VITAL

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** ENCOUNTERID

**Change**: Value must also exist in Encounter if not NULL

**Status:** No change needed, already implemented.

**Field:** HT

**Change:** New Field

**Status:** Can be added from value\_as\_number in the measurement table for measurement concept id = 3023540

**Field:** WT

**Change:** New Field

**Status:** Can be added from value\_as\_number in the measurement table for measurement concept id = 3013762

**Field:** DIASTOLIC

**Change:** New Field

**Status:** Can be added from value\_as\_number in the measurement table for measurement concept id IN 3034703,3019962, 3013940, 3012888

**Table:** VITAL(continued)

**Field:** SYSTOLIC

**Change:** New Field

**Status:** Can be added from value\_as\_number in the measurement table for measurement concept id IN 3018586, 3035856, 3009395, 3004249

**Field:** ORIGINAL\_BMI

**Change:** New Field

**Status:** Can be added from value\_as\_number in the measurement table for measurement concept id = 3038553

**Table:** DISPENSING

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** DISPENSE\_SUP

**Change**: Value must be numeric

**Status:** No change needed, source data already numeric

**Field:** DISPENSE\_AMT

**Change**: Value must be numeric

**Status:** No change needed, source data already numeric

**Field:** DISPENSE\_DOSE\_DISP

**Change**: New Field

**Status:** Can be added from effective\_drug\_dose in drug exposure table

**Field:** DISPENSE\_DOSE\_DISP\_UNIT

**Change**: New Field

**Status:** Can be added from dose\_unit\_concept\_id in drug exposure table translated using vocabulary table

**Field:** DISPENSE\_ROUTE

**Change**: New Field

**Status:** Can be added from route\_concept\_id in drug exposure table translated using vocabulary table

**Table:** DISPENSING(continued)

**Field:** RAW\_DISPENSE\_DOSE\_DISP

**Change**: New Field

**Status:** Can be added from eff\_drug\_dose\_source\_value in drug exposure table

**Field:** RAW\_DISPENSE\_DOSE\_DISP\_UNIT

**Change**: New Field

**Status:** Can be added from dose\_unit\_source\_value in drug exposure table translated using vocabulary table

**Field:** RAW\_DISPENSE\_ROUTE

**Change**: New Field

**Status:** Can be added from route\_source\_value in drug exposure table translated using vocabulary table

**Table:** LAB\_RESULT\_CM

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** ENCOUNTERID

**Change**: Value must also exist in Encounter if not NULL

**Status:** No change needed, already implemented.

**Field:** LAB\_NAME

**Change**: Field is deprecated

**Status:** Can be removed but populate RAW\_LAB\_NAME if LOINC result is unknown

**Field:** SPECIMEN\_SOURCE

**Change**: Value map updated

**Status:** Can change BLOOD to BLD, PLASMA to PLAS, and SERUM to SER, others unchanged.

**Field:** LAB\_PX\_TYPE

**Change**: Value description for 09 changed to ICD-9-CM

**Status:** No change needed, only code used.

**Table:** LAB\_RESULT\_CM (continued)

**Field:** RESULT\_QUAL

**Change**: Value map updated

**Status:** Update pedsnet\_pcornet\_valueset\_map

**Field:** RESULT\_SNOMED

**Change**: New Field

**Status:** Can be added for qualitative result from measurement\_concept\_id in measurement table translated using vocabulary table where source\_concept\_class = 'Result qualifier'

**Field:** RESULT\_NUM

**Change**: Value must be numeric

**Status:** No change needed, source data already numeric

**Field:** RESULT\_UNIT

**Change**: Value map updated

**Status:** Update pedsnet\_pcornet\_valueset\_map

**Table:** CONDITION

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** ENCOUNTERID

**Change**: Value must also exist in Encounter if not NULL

**Status:** No change needed, already implemented.

**Table:** PRO\_CM

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** ENCOUNTERID

**Change**: Value must also exist in Encounter if not NULL

**Status:** No change needed, already implemented.

**Table:** PRO\_CM (continued)

**Field:** PRO\_ITEM

**Change**: Field is deprecated

**Status:** No change needed, not currently populated

**Field:** PRO\_TYPE

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_ITEM\_NAME

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_ITEM\_LOINC

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_RESPONSE\_TEXT

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_RESPONSE\_NUM

**Change**: Field name changed

**Status:** Need more information, currently unavailable

**Field:** PRO\_ITEM\_VERSION

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_NAME

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_SEQ

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_SCORE

**Change**: New Field

**Status:** Need more information, currently unavailable

**Table:** PRO\_CM (continued)

**Field:** PRO\_MEASURE\_THETA

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_SCALED \_TSCORE

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_STAND ARD\_ERROR

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_COUNT \_SCORED

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_LOINC

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_VERSIO N

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_ITEM\_FULLNAME

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_ITEM\_TEXT

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** PRO\_MEASURE\_FULLN AME

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** RAW\_PRO\_CODE

**Change**: Field is deprecated

**Status:** No change needed, not currently populated

**Table:** PRO\_CM (continued)

**Field:** RAW\_PRO\_RESPONSE

**Change**: Field is deprecated

**Status:** No change needed, not currently populated

**Table:** PRESCRIBING

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Field:** ENCOUNTERID

**Change**: Value must also exist in Encounter if not NULL

**Status:** No change needed, already implemented

**Field:** PROVIDERID

**Change**: Value must also exist in Provider if not NULL

**Status:** No change needed, already implemented in source data

**Field:** RX\_DOSE\_ORDERED

**Change**: New Field

**Status:** Need more information, currently unavailableas effective\_drug\_dose unknown if as originally ordered by provider.

**Field:** RX\_DOSE\_ORDERED\_ UNIT

**Change**: New Field

**Status:** Need more information, currently unavailableas dose\_unit\_concept\_idunknown if as originally ordered by provider.

**Field:** RX\_QUANTITY

**Change**: Value must be numeric

**Status:** No change needed, source data already numeric

**Field:** RX\_DOSE\_FORM

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** RX\_REFILLS

**Change**: Value must be numeric

**Status:** No change needed, source data already numeric

**Table:** PRESCRIBING (continued)

**Field:** RX\_DAYS\_SUPPLY

**Change**: Value must be numeric

**Status:** No change needed, source data already numeric

**Field:** RX\_DAYS\_SUPPLY

**Change**: New values added, 10 (Every evening) and 11 (Once)

**Status:** No change needed, not currently populated (blank)

**Field:** RX\_PRN\_FLAG

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** RX\_ROUTE

**Change**: New Field

**Status:** Can be added from route\_concept\_id in drug exposure table also need to update pedsnet\_pcornet\_valueset\_map

**Field:** RX\_SOURCE

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** RX\_DISPENSE\_AS\_WRITTEN

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** RAW\_RX\_DOSE\_ORDERED

**Change**: New Field

**Status:** Need more information, currently unavailableas effective\_drug\_dose unknown if as originally ordered by provider.

**Field:** RAW\_RX\_DOSE\_ORDERED\_ UNIT

**Change**: New Field

**Status:** Need more information, currently unavailableas dose\_unit\_concept\_idunknown if as originally ordered by provider.

**Field:** RAW\_RX\_ROUTE

**Change**: New Field

**Status:** Can be added from route\_source\_value in drug exposure

**Field:** RAW\_RX\_REFILLS

**Change**: New Field

**Status:** Can be added from refills in drug exposure

**Table**: PCORNET\_TRIAL

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Table**: DEATH

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Table**: DEATH\_CAUSE

**Field:** PATID

**Change**: Value must also exist in Demographics

**Status:** No change needed, already implemented in source data

**Table**: MED\_ADMIN (from drug\_exposure table with drug\_type\_concept\_id = 38000180)

**Field:** MEDADMINID

**Change**: New Field

**Status:** Can be added from exposure\_id in drug exposure table

**Field:** PATID

**Change**: New Field

**Status:** Can be added from person\_id in drug exposure table

**Field:** ENCOUNTERID

**Change**: New Field

**Status:** Can be added from visit\_occurrence\_id in drug exposure table

**Field:** PRESCRIBINGID

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** MEDADMIN\_PROVIDERID

**Change**: New Field

**Status:** Can be added from provider\_id in drug exposure table

**Table**: MED\_ADMIN (continued)

**Field:** MEDADMIN\_ START\_DATE

**Change**: New Field

**Status:** Can be added from drug\_exposure\_start\_date in drug exposure table

**Field:** MEDADMIN\_ START\_TIME

**Change**: New Field

**Status:** Can be added from drug\_exposure\_start\_datetime in drug exposure table

**Field:** MEDADMIN\_STOP\_DATE

**Change**: New Field

**Status:** Can be added from drug\_exposure\_end\_date in drug exposure table

**Field:** MEDADMIN\_ STOP\_TIME

**Change**: New Field

**Status:** Can be added from drug\_exposure\_end\_datetime in drug exposure table

**Field:** MEDADMIN\_TYPE

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** MEDADMIN\_CODE

**Change**: New Field

**Status:** Can be added from in drug\_concept\_id drug exposure table

**Field:** MEDADMIN\_DOSE\_ADMIN

**Change**: New Field

**Status:** Can be added from effective\_drug\_dose in drug exposure table

**Field:** MEDADMIN\_DOSE\_ADMIN\_UNIT

**Change**: New Field

**Status:** Can be added from dose\_unit\_concept\_id in drug exposure table

**Field:** MEDADMIN\_ROUTE

**Change**: New Field

**Status:** Can be added from route\_concept\_id in drug exposure table

**Field:** MEDADMIN\_SOURCE

**Change**: New Field

**Status:** Need more information, currently unavailable

**Table**: MED\_ADMIN (continued)

**Field:** RAW\_MEDADMIN\_MED\_NAME

**Change**: New Field

**Status:** Can be added from drug\_source\_value in drug exposure table

**Field:** RAW\_MEDADMIN\_CODE

**Change**: New Field

**Status:** Can be added from in drug\_source\_value in drug exposure table

**Field:** RAW\_MEDADMIN\_DOSE\_ADMIN

**Change**: New Field

**Status:** Can be added from eff\_drug\_dose\_source\_value in drug exposure table

**Field:** RAW\_MEDADMIN\_DOSE\_ADMIN \_UNIT

**Change**: New Field

**Status:** Can be added from dose\_unit\_source\_value in drug exposure table

**Field:** RAW\_MEDADMIN\_ROUTE

**Change**: New Field

**Status:** Can be added from route\_source\_value in drug exposure table

**Table**: PROVIDER

**Field:** PROVIDERID

**Change**: New Field

**Status:** Can be added from provider\_id in provider table

**Field:** PROVIDER\_SEX

**Change**: New Field

**Status:** Can be added from gender\_source\_concept\_id in provider table mapped to allowed values given, need to be added to pedsnet\_pcornet\_valueset\_map

**Field:** PROVIDER\_SPECIALT Y\_PRIMARY

**Change**: New Field

**Status:** Can be added from specialty\_concept\_id in provider table and matched with pedsnet\_pcornet\_valueset\_map

**Field:** PROVIDER\_NPI

**Change**: New Field

**Status:** Can be added from NPI in provider table

**Table**: PROVIDER(continued)

**Field:** PROVIDER\_NPI\_FLAG

**Change**: New Field

**Status:** Need more information, currently unavailable

**Field:** RAW\_PROVIDER\_SPE CIALTY\_PRIMARY

**Change**: New Field

**Status:** Can be added from specialty\_source\_value in provider table