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| Work Plan:  Data Curation Query Package |
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**V4.15**

**June 17, 2019**

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1. **Purpose and Scope**

The purpose of the Data Curation Query Package v4.15 is to characterize the data in 19 of the PCORnet Common Data Model (CDM) v4.1 tables. The package consists of a code errors query, a data curation query and an Empirical Data Curation Report which summarizes key information from the query output and evaluates the results against PCORnet’s Data Check v6. Output tables will be produced by running SAS programs against static local DataMarts in PCORnet CDM v4.1 with SAS data types.

Query results will be used by the PCORnet Coordinating Center’s Distributed Research Network Operations Center (DRN OC) to ensure a foundational level of data quality across the networks. Approved results may be used to provide initial feasibility estimates for prep-to-research queries, inform study planning activities, and to create DataMart-level, HPRN/CRN-level or network-level reports. Data aggregated at the network level may be shared publicly.DataMart-level results such as the metadata transparency reports may be published within PCORnet upon review and approval by the HPRN/CRN principal investigator (PI).

To provide the DRN OC with additional insight into the query results, the ETL Annotated Data Dictionary (ETL ADD) must be updated prior to submitting a query response. The ETL ADD is stored in a REDCap® database.

**Low Cell Count Threshold**

In the previous packages, a low cell count threshold that establishes the minimum number of observations required to protect against possible identification of subject data has been set to 11. In accordance with PCRF contract language, this package will change the low cell count threshold to 0 instead of 11, and should not be changed.

**Potential Code Errors Report**

The query package produces a Potential Code Errors report which identifies exceptions to the expected code length or content for ICD9/ICD10 diagnosis codes; ICD9/ICD10-PCS and CPT/HCPCS procedure codes; LOINC codes; RXNORM\_CUI codes; and NDC codes by applying the heuristics described in Section II.

**Data curation output tables**

The query package produces up to 215 query output tables depending on how many CDM tables are populated. Information about each output table is provided in Sections IV and Sections X-XXVIII. Please note that for tables which are cross-tabs of two fields, the table shells only contain certain example cells.

**Empirical Data Curation Report**

The query package produces an Empirical Data Curation (EDC) report. The EDC Report summarizes key information from the data curation query ouput tables and identifies exceptions to the PCORnet Data Checks v6. The table of contents is shown in Section V.

**CDM Errata**

This query package does not account for CDM Errata.

**Lookback Date**

Lookback date is the earliest date included in the query results. Lookback date will be calculated by subtracting lookback period from the Query Response Date which is the date the data curation query (specifically, the cross-table portion) was run. The default lookback period is 20 years (240 months). **The lookback value should not be modified unless you are instructed to do so**.

This date restriction does not apply to the DEMOGRAPHIC, DEATH, HARVEST, DEATH\_CAUSE, or PROVIDER tables. The dates used to select records in the other tables are ENROLLMENT.ENR\_START\_DATE, ENCOUNTER.ADMIT\_DATE, DIAGNOSIS.ADMIT\_DATE, PROCEDURES.ADMIT\_DATE, VITAL.MEASURE\_DATE, DISPENSING.DISPENSE\_DATE, LAB\_RESULT\_CM.RESULT\_DATE, CONDITION.REPORT\_DATE, PRO\_CM.PRO\_DATE, PRESCRIBING.RX\_ORDER\_DATE, PCORNET\_TRIAL.TRIAL\_ENROLL\_DATE, MED\_ADMIN.MEDADMIN\_START\_DATE, OBS\_CLIN.OBSCLIN\_DATE, and OBS\_GEN.OBSGEN\_DATE. Since some of these variables do not have to be populated, records with missing dates will also be included in the data curation query.

Questions about this query package should be sent to Laura Qualls ([laura.qualls@duke.edu](mailto:laura.qualls@duke.edu)) and Sujung Choi ([sujung.choi@duke.edu](mailto:sujung.choi@duke.edu)).

1. **Potential Code Errors Query**

The purpose of the Potential Code Errors Program is to help network partners identify exceptions to the expected formats for selected codes. Output tables will be produced by running SAS programs against static local DataMarts in PCORnet CDM 4.1 format with SAS data types.

This program identifies exceptions to the expected code length or content for ICD9/ICD10 diagnosis codes; ICD9/ICD10-PCS and CPT/HCPCS procedure codes; LOINC codes; RXNORM\_CUI codes; and NDC codes found in 8 CDM tables by applying the heuristics shown in the table below. Heuristics are conservative to allow for all potential implementations (e.g. current LOINC codes are 5+ digits, but the program allows for the shorter deprecated codes). These heuristics will **not** identify all erroneous codes, and will only identify codes which are classified as the proper type (e.g. a ICD9 diagnosis code labeled as a SM code type will not be evaluated). The CDM provides guidance on addressing potential code errors (see [General Implementation Guidance issue #5](https://pcornet.imeetcentral.com/p/aQAAAAADloN6)).

The tables and code types checked are as follows: DIAGNOSIS (09 and 10), PROCEDURES (09, 10, CH), DISPENSING (ND), PRESCRIBING (RX), MED\_ADMIN (ND and RX), LAB\_RESULT\_CM (LC), OBS\_CLIN (LC), and OBS\_GEN (LC and ND). The program does not check 09 and 10 codes in CONDITION or OBS\_GEN since diagnoses and procedure codes cannot be disambiguated.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Code Type** | **Unexpected length (after removing decimals if applicable)** | **Unexpected string** | **Unexpected alphabetical character** | **Unexpected numeric character** |
| DX | 09 | Not 3-5 | 000.x | Any alphabetical character other than E or V | No numeric characters |
| DX | 10 | Not 3-7 | 000.x or 999.x | First character is not alphabetical | No numeric characters |
| PX | CH | Less than 5 | 00000x or 99999x | n/a | No numeric characters |
| PX | 09 | Not 3-4 | 00.00 | Any alphabetical character | n/a1 |
| PX | 10 | Not 7 | 0000000 or 9999999 | n/a | n/a |
| NDC | n/a | Not 112 | 00000000000 or 99999999999 | Any alphabetical character2 | n/a1 |
| RXNORM\_CUI | n/a | Not 2-7 | n/a | Any alphabetical character | n/a1 |
| LOINC | n/a | Not 3-7 | No hyphen in the penultimate position | Any alphabetical character | n/a1 |

1. Redundant with the unexpected alphabetical character rule.
2. Also checked as part of the data curation query.
3. **Data Curation Query Definitions**

The definitions for variables included in the query output are as follows:

* ADMIT\_DATE Mismatch: These fields are replicated from the ENCOUNTER table to the PROCEDURES and DIAGNOSES table. The number of mismatched records is the number of records in PROCEDURES or DIAGNOSIS where these fields do not match the value in the ENCOUNTER table.
* ALL\_N or RECORD\_N or N: Count of records with non-missing values for the specified field.
* DATASET: CDM table name
* DISTINCT\_N: Count of records with unique values for the specified field.
* DISTINCT\_ENC\_ID\_N: Count of records with unique values for ENCOUNTERID.
* DISTINCT\_PATID\_N: Count of records with unique values for PATID.
* DISTINCT\_VISIT\_N: Count of unique visits in the ENCOUNTER table. Visits are a concatenation of PATID + PROVIDER\_ID + ENC\_TYPE + ADMIT\_DT.
* ELIG\_RECORD\_N: Count of records in the ENCOUNTER table where PATID, PROVIDER\_ID, ENC\_TYPE, and ADMIT\_DT are all populated.
* ENC\_TYPE Mismatch: These fields are replicated from the ENCOUNTER table to the PROCEDURES and DIAGNOSES table. The number of mismatched records is the number of records in PROCEDURES or DIAGNOSIS where these fields do not match the value in the ENCOUNTER table.
* EXP\_SPECIMEN\_SOURCE: The expected specimen source based on the values established by LOINC®.
* KNOWN\_TEST: Total number of records where LAB\_LOINC is not null.
* KNOWN\_TEST\_RESULT: Total number of records where (1) LAB\_LOINC is not null and (2) RESULT\_NUM is not null and RESULT\_MODIFIER is not in (null, NI, UN, OT) or (3) RESULT\_QUAL is in ("BORDERLINE", "POSITIVE", "NEGATIVE" or "UNDETERMINED")
* KNOWN\_TEST\_RESULT\_NUM: Total number of records where the test and result are known, as follows: (1) LAB\_LOINC is not null and (2) RESULT\_NUM is not null and (3) RESULT\_MODIFIER is not in (null, NI, UN, OT).
* KNOWN\_TEST\_RESULT\_NUM\_SOURCE: Total number of records where the test and result are known, as follows: (1) LAB\_LOINC is not null and (2) RESULT\_NUM is not null and (3) RESULT\_MODIFIER is not in (null, NI, UN, OT) and (4) SPECIMEN\_SOURCE is not in (null, NI, UN, OT)
* KNOWN\_TEST\_RESULT\_NUM\_UNIT: Total number of records where the test and result are known, as follows: (1) LAB\_LOINC is not null and (2) RESULT\_NUM is not null and (3) RESULT\_MODIFIER is not in (null, NI, UN, OT) and (4) RESULT\_UNIT is not in (null, NI, UN, OT)
* KNOWN\_TEST\_RESULT\_NUM\_SRCE\_UNIT: Total number of records where the test and result are known, as follows: (1) LAB\_LOINC is not null and (2) RESULT\_NUM is not null and (3) RESULT\_MODIFIER is not in (null, NI, UN, OT) and (4) SPECIMEN\_SOURCE is not in (null, NI, UN, OT) and (5) RESULT\_UNIT is not in (null, NI, UN, OT)
* KNOWN\_TEST\_NUM\_RESULT\_RANGE: Total number of records where the test, numeric result, and normal range are all known, as follows: (1) LAB\_LOINC is not null and (2) RESULT\_NUM is not null and (3) RESULT\_MODIFIER is not in (null, NI, UN, OT) and (4) one of the following is true: (4a) NORM\_MODIFIER\_LOW=’EQ’ and NORM\_MODIFIER\_HIGH=’EQ’ and NORM\_RANGE\_LOW is not null and NORM\_RANGE\_HIGH is not null or (4b) NORM\_MODIFIER\_LOW in (‘GT’,’GE’) and NORM\_MODIFER\_HIGH=’NO’ and NORM\_RANGE\_LOW is not null and NORM\_RANGE\_HIGH is null or (4c) NORM\_MODIFIER\_HIGH in (‘LE’,’LT’) and NORM\_MODIFIER\_LOW=’NO’ and NORM\_RANGE\_HIGH is not null and NORM\_RANGE\_LOW is null.
* NMISS or NULL\_N: Count of records with null or missing values for the specified field.
* ENCOUNTERID Orphan: An ENCOUNTERID which is not in the ENCOUNTER table and appears in any other table.
* PATID Orphan: A PATID which is not in the DEMOGRAPHIC table and appears in any other table.
* PROVIDERID orphan: A PROVIDERID which is not in the PROVIDER table and appears in any other table.
* RECORD\_PCT: The percent of all records. Will be blank for rows with values of 0 or BT (below threshold).
* RECORD\_N\_RXCUI: Count of records with non-missing values for RXNORM\_CUI.
* RECORD\_N\_LOINC: Count of records with non-missing values for LOINC.
* RESPONSE\_DATE: Date the query package was run (ie, SAS system date).
* QUERY\_PACKAGE: Query package name.
* RXNORM\_CUI\_TTY\_TIER: The term type (TTY) that the RXNORM\_CUI is mapped to. Tier 1: RXNORM\_CUI\_TTY in ('SCD','SBD','BPCK','GPCK'). Tier 2: RXNORM\_CUI\_TTY in ('SBDF','SCDF','SBDG','SCDG','SBDC','BN','MIN'). Tier 3: RXNORM\_CUI\_TTY in ('SCDC', 'PIN','IN'). Tier 4: RXNORM\_CUI\_TTY in ('DF','DFG'). NULL or missing=RXNORM\_CUI\_TTY='NULL or missing'.
* STAT: Descriptive statistic (e.g. minimum, maximum, median).
* TAG: CDM field name
* VALID\_N: Number of records in a valid format. Used for fields without a prespecified value set.
* VISIT: As stated in the PCORnet Common Data Model, for the Encounter table, “each record will generally reflect a unique combination of PATID, ADMIT\_DATE, PROVIDERID, and ENC\_TYPE”. Thus, a visit is a concatenation of PATID + ADMIT\_DATE+ PROVIDERID + ENC\_TYPE.

1. **Data Curation Query Output Table List**

| **ID** | **PCORnet Table(s)** | **Output table** | **Output table description** |
| --- | --- | --- | --- |
| 1 | CONDITION | cond\_l3\_condition | CONDITION frequency |
| 2 | CONDITION | cond\_l3\_n | Counts PATID, ENCOUNTERID, and CONDITIONID |
| 3 | CONDITION | cond\_l3\_rdate\_y | REPORT\_DATE year frequency |
| 4 | CONDITION | cond\_l3\_rdate\_ym | REPORT\_DATE year month frequency |
| 5 | CONDITION | cond\_l3\_source | CONDITION\_SOURCE frequency |
| 6 | CONDITION | cond\_l3\_status | CONDITION\_STATUS frequency |
| 7 | CONDITION | cond\_l3\_type | CONDITION\_TYPE frequency |
| 8 | Death | death\_l3\_date\_y | DEATH\_DATE year frequency |
| 9 | death | death\_l3\_date\_ym | DEATH\_DATE year month frequency |
| 10 | death | death\_l3\_impute | DEATH\_DATE\_IMPUTE frequency |
| 11 | death | death\_l3\_match | DEATH\_MATCH\_CONFIDENCE frequency |
| 12 | Death | death\_l3\_n | Counts non-missing, distinct, and missing PATID and DEATHID |
| 13 | Death | death\_l3\_source | DEATH\_SOURCE frequency |
| 14 | Death | death\_l3\_source\_ym | DEATH\_SOURCE and DEATH\_DATE year month crosstab |
| 15 | DEATH\_CAUSE | deathc\_l3\_code | DEATH\_CAUSE\_CODE frequency |
| 16 | DEATH\_CAUSE | deathc\_l3\_conf | DEATH\_CAUSE\_CONFIDENCE frequency |
| 17 | DEATH\_CAUSE | deathc\_l3\_n | Counts PATID, DEATH\_CAUSE, and DEATHCID |
| 18 | DEATH\_CAUSE | deathc\_l3\_source | DEATH\_CAUSE\_SOURCE frequency |
| 19 | DEATH\_CAUSE | deathc\_l3\_type | DEATH\_CAUSE\_TYPE frequency |
| 20 | Demographic | dem\_l3\_ageyrsdist1 | Descriptive statistics for age. Age is calculated as current age or age at death if death date is known. If multiple death records exist, the earlier death date is used. |
| 21 | Demographic | dem\_l3\_ageyrsdist2 | Age group frequency. Age is calculated as current age or age at death if death date is known. If multiple death records exist, the earlier death date is used. |
| 22 | Demographic | [dem\_l3\_genderdist](#RANGE!A1) | GENDER\_IDENTITY frequency |
| 23 | Demographic | dem\_l3\_orientdist | SEXUAL\_ORIENTATION frequency |
| 24 | Demographic | dem\_l3\_hispdist | HISPANIC frequency |
| 25 | Demographic | dem\_l3\_n | Counts non-missing, distinct, and missing PATID |
| 26 | Demographic | dem\_l3\_patpreflang | PAT\_PREF\_LANGUAGE\_SPOKEN frequency |
| 27 | Demographic | dem\_l3\_racedist | RACE frequency |
| 28 | Demographic | dem\_l3\_sexdist | SEX frequency |
| 29 | Diagnosis | dia\_l3\_adate\_y | ADMIT\_DATE year frequency |
| 30 | Diagnosis | dia\_l3\_adate\_ym | ADMIT\_DATE year month frequency |
| 31 | Diagnosis | dia\_l3\_dash1 | Counts the number of patients with any diagnosis record with a populated ADMIT\_DATE during the designated period prior to the maximum ADMIT\_DATE. If the maximum ADMIT\_DATE is in the future, the current date is used instead. |
| 32 | DIAGNOSIS | dia\_l3\_dx | DX frequency |
| 33 | DIAGNOSIS | dia\_l3\_dxtype | DX\_TYPE frequency |
| 34 | DIAGNOSIS | dia\_l3\_dx\_dxtype | DX and DX\_TYPE crosstab |
| 35 | DIAGNOSIS | dia\_l3\_dxpoa | DX\_POA frequency |
| 36 | DIAGNOSIS | dia\_l3\_dxsource | DX\_SOURCE frequency |
| 37 | DIAGNOSIS | dia\_l3\_dxtype\_adate\_y | DX\_TYPE and ADMIT\_DATE year crosstab |
| 38 | DIAGNOSIS | dia\_l3\_dxtype\_dxsource | DX\_TYPE and DX\_SOURCE crosstab |
| 39 | Diagnosis | dia\_l3\_dxtype\_enctype | DX\_TYPE and ENC\_TYPE crosstab |
| 40 | Diagnosis | dia\_l3\_enctype | ENC\_TYPE frequency |
| 41 | Diagnosis | dia\_l3\_enctype\_adate\_ym | ENC\_TYPE and ADMIT\_DATE year month crosstab |
| 42 | DIAGNOSIS | dia\_l3\_n | Counts PATID, ENCOUNTERID, and DIAGNOSISID |
| 43 | Diagnosis | dia\_l3\_origin | DX\_ORIGIN frequency |
| 44 | DIAGNOSIS | dia\_l3\_pdx | PDX frequency |
| 45 | Diagnosis | dia\_l3\_pdx\_enctype | PDX and ENC\_TYPE crosstab |
| 46 | DIAGNOSIS | dia\_l3\_pdxgrp\_enctype | PDX group and ENC\_TYPE crosstab |
| 47 | DIAGNOSIS | dia\_l3\_pdx\_detail | ENC\_TYPE and DX ORIGIN crosstab for principal diagnosis records |
| 48 | dispensing | disp\_l3\_ndc | NDC frequency |
| 49 | dispensing | disp\_l3\_ddate\_y | DISPENSE\_DATE year frequency |
| 50 | dispensing | disp\_l3\_ddate\_ym | DISPENSE\_DATE year month frequency |
| 51 | dispensing | disp\_l3\_dispamt\_dist | Descriptive statistics for DISPENSE\_AMT |
| 52 | dispensing | disp\_l3\_dose\_dist | Descriptive statistics for DISPENSE\_DOSE\_DISP |
| 53 | dispensing | disp\_l3\_doseunit | DISPENSE\_DOSE\_DISP\_UNIT frequency |
| 54 | dispensing | disp\_l3\_route | DISPENSE\_ROUTE frequency |
| 55 | dispensing | disp\_l3\_n | Counts non-missing, distinct, and missing PATID, DISPENSINGID. PRESCRIBINGID, NDC, and valid NDCs. Valid NDCs are 11 digits with no dashes, ie. HIPAA format. |
| 56 | dispensing | disp\_l3\_supdist2 | Record count by category of RX\_DAYS\_SUPP |
| 57 | Encounter | enc\_l3\_adate\_y | ADMIT\_DATE year frequency |
| 58 | Encounter | enc\_l3\_adate\_ym | ADMIT\_DATE year month frequency |
| 59 | Encounter | enc\_l3\_admsrc | ADMITTING\_SOURCE frequency |
| 60 | Encounter | enc\_l3\_dash1 | Counts the number of patients with any encounter record with a populated ADMIT\_DATE during the designated period prior to the maximum ADMIT\_DATE. If the maximum ADMIT\_DATE is in the future, the current date is used instead. |
| 61 | Encounter | enc\_l3\_dash2 | Counts the number of patients with any AV, ED, IP, EI, or OS encounter record with a populated ADMIT\_DATE during the designated period prior to the maximum ADMIT\_DATE. If the maximum ADMIT\_DATE is in the future, the current date is used instead. |
| 62 | Encounter | enc\_l3\_ddate\_y | DISCHARGE\_DATE year frequency |
| 63 | Encounter | enc\_l3\_ddate\_ym | DISCHARGE\_DATE year month frequency |
| 64 | Encounter | enc\_l3\_disdisp | DISCHARGE\_DISPOSITION frequency |
| 65 | Encounter | [enc\_l3\_disstat](file:///C:\Users\lg104\AppData\Local\Temp\OICE_15_974FA576_32C1D314_F0A\7A9D956E.xlsx#enc_l3_disstat!A1) | DISCHARGE\_STATUS frequency |
| 66 | Encounter | enc\_l3\_drg | DRG frequency. |
| 67 | Encounter | enc\_l3\_drg\_type | DRG\_TYPE frequency |
| 68 | Encounter | enc\_l3\_enctype | ENC\_TYPE frequency. **(***Note:* Visits are a concatenation of PATID + PROVIDER\_ID + ENC\_TYPE + ADMIT\_DT. ELIG\_RECORD\_N is a count of records where all fields used to define a visit are populated) |
| 69 | Encounter | enc\_l3\_enctype\_adate\_y | ENC\_TYPE and ADMIT\_DATE year month crosstab |
| 70 | Encounter | enc\_l3\_enctype\_adate\_ym | ENC\_TYPE and ADMIT\_DATE year month crosstab |
| 71 | Encounter | enc\_l3\_enctype\_admsrc | ENC\_TYPE by ADMITTING\_SOURCE crosstab |
| 72 | Encounter | enc\_l3\_enctype\_ddate\_ym | ENC\_TYPE and DISCHARGE\_DATE year month crosstab |
| 73 | Encounter | enc\_l3\_enctype\_disdisp | ENC\_TYPE and DISCHARGE\_DISPOSITION crosstab |
| 74 | Encounter | enc\_l3\_enctype\_disstat | ENC\_TYPE and DISCHARGE\_STATUS crosstab |
| 75 | Encounter | enc\_l3\_enctype\_drg | ENC\_TYPE and DRG\_TYPE crosstab |
| 76 | Encounter | enc\_l3\_n | Counts non-missing, distinct, and missing PATID, ENCOUNTERID, and PROVIDERID, and FACILITYID |
| 77 | Encounter | enc\_l3\_payertype1 | PAYER\_TYPE\_PRIMARY frequency |
| 78 | Encounter | enc\_l3\_payertype2 | PAYER\_TYPE\_SECONDARY frequency |
| 79 | Encounter | enc\_l3\_facilitytype | FACILITY\_TYPE frequency |
| 80 | Encounter | enc\_l3\_facilityloc | FACILITY\_LOCATION frequency |
| 81 | Encounter | enc\_l3\_facilitytype\_facilityloc | FACILITY\_TYPE and FACILITY\_LOCATION(first 3 digits of a zipcode) crosstab |
| 82 | Enrollment | enr\_l3\_basedist | ENR\_BASIS frequency |
| 83 | Enrollment | enr\_l3\_dist\_end | Descriptive statistics for distinct ENR\_END\_DATE |
| 84 | Enrollment | enr\_l3\_dist\_enrmonth | Distinct number of enrollment month frequency. Enrollment months are calculated as the difference between the ENR\_END\_DATE and ENR\_START\_DATE in months. Records with null or missing ENR\_END\_DATE or ENR\_START\_DATE are excluded from the calculation. |
| 85 | Enrollment | enr\_l3\_dist\_enryear | Distinct number of enrollment year frequency. Enrollment years are calculated as the difference between the ENR\_END\_DATE and ENR\_START\_DATE in years. Records with null or missing ENR\_END\_DATE or ENR\_START\_DATE are excluded from the calculation. |
| 86 | Enrollment | enr\_l3\_dist\_start | Descriptive statistics for distinct ENR\_START\_DATE |
| 87 | Enrollment | enr\_l3\_enr\_ym | ENR\_START\_DATE frequency |
| 88 | Enrollment | enr\_l3\_n | Counts non-missing, distinct, and missing PATID, ENR\_START\_DATE, and ENROLLID (combination of PATID, ENR\_START\_DATE, and ENR\_BASIS) |
| 89 | Enrollment | enr\_l3\_per\_patid | Descriptive statistics for number of enrollment periods per PATID. |
| 90 | ENROLLMENT | enr\_l3\_chart | CHART frequency |
| 91 | LAB\_RESULT\_CM | lab\_l3\_abn | ABN\_IND frequency |
| 92 | lab\_result\_cm | lab\_l3\_dcgroup | Frequency by DC\_LAB\_GROUP |
| 93 | LAB\_RESULT\_CM | lab\_l3\_high | NORM\_MODIFIER\_HIGH frequency |
| 94 | lab\_result\_cm | lab\_l3\_loc | RESULT\_LOC frequency |
| 95 | LAB\_RESULT\_CM | lab\_l3\_loinc | LAB\_LOINC frequency |
| 96 | lab\_result\_cm | lab\_l3\_loinc\_result\_num | RESULT\_NUM descriptive statistics by LAB\_LOINC code |
| 97 | LAB\_RESULT\_CM | lab\_l3\_loinc\_source | LAB\_LOINC and SPECIMEN\_SOURCE crosstab for a subset of LOINC codes |
| 98 | LAB\_RESULT\_CM | lab\_l3\_low | NORM\_MODIFIER\_LOW frequency |
| 99 | lab\_result\_cm | lab\_l3\_mod | RESULT\_MODIFIER frequency |
| 100 | lab\_result\_cm | lab\_l3\_n | Counts non-missing, distinct, and missing PATID, LAB\_RESULT\_CM\_ID, and ENCOUNTERID |
| 101 | lab\_result\_cm | lab\_l3\_priority | PRIORITY frequency |
| 102 | lab\_result\_cm | lab\_l3\_px\_pxtype | LAB\_PX and LAB\_PXTYPE crosstab |
| 103 | lab\_result\_cm | lab\_l3\_px\_type | LAB\_PX\_TYPE frequency |
| 104 | lab\_result\_cm | lab\_l3\_qual | RESULT\_QUAL frequency |
| 105 | lab\_result\_cm | lab\_l3\_raw\_name | RAW\_LAB\_NAME frequency |
| 106 | lab\_result\_cm | lab\_l3\_rdate\_y | RESULT\_DATE year frequency |
| 107 | lab\_result\_cm | lab\_l3\_rdate\_ym | RESULT\_DATE year month frequency |
| 108 | LAB\_RESULT\_CM | lab\_l3\_recordc | Frequency of records with varying levels of completeness across variables |
| 109 | LAB\_RESULT\_CM | lab\_l3\_snomed | RESULT\_SNOMED frequency |
| 110 | lab\_result\_cm | lab\_l3\_source | SPECIMEN\_SOURCE frequency |
| 111 | lab\_result\_cm | lab\_l3\_unit | RESULT\_UNIT frequency |
| 112 | MED\_ADMIN | medadm\_l3\_doseadm | Descriptive statistics for MEDADMIN\_DOSE\_ADM |
| 113 | MED\_ADMIN | medadm\_l3\_doseadmunit | MEDADMIN\_DOSE\_ADMIN\_UNIT frequency |
| 114 | MED\_ADMIN | medadm\_l3\_n | Counts MEDADMINID and PATID |
| 115 | MED\_ADMIN | medadm\_l3\_route | MEDADMIN\_ROUTE frequency |
| 116 | MED\_ADMIN | medadm\_l3\_source | MEDADMIN\_SOURCE frequency |
| 117 | MED\_ADMIN | medadm\_l3\_type | MEDADMIN\_TYPE frequency |
| 118 | MED\_ADMIN | medadm\_l3\_sdate\_y | MEDADMIN\_ START\_DATE year frequency |
| 119 | MED\_ADMIN | medadm\_l3\_sdate\_ym | MEDADMIN\_ START\_DATE year month frequency |
| 120 | MED\_ADMIN | medadm\_l3\_code\_type | MEDADMIN\_TYPE and MEDADMIN\_CODE crosstab |
| 121 | MULTIPLE | datamart\_all | DataMart metadata including variable names, variable lengths, data types and number of observations. Used to assess conformance to the required SAS structure for the PCORnet Common Data Model (CDM) v3.1. |
| 122 | MULTIPLE | elapsed\_all | Displays the query start time, query end time, and query run time for each table created by the data\_curation\_all program, the cumulative run time for the program and the dataset loading time. |
| 123 | MULTIPLE | elapsed\_main | Displays the query start time, query end time, and query run time for each table created by the data\_curation\_main program, the cumulative run time for the program and the dataset loading time. |
| 124 | MULTIPLE | elapsed\_lab | Displays the query start time, query end time, and query run time for each table created by the data\_curation\_lab program, the cumulative run time for the program and the dataset loading time. |
| 125 | MULTIPLE | elapsed\_xtbl | Displays the query start time, query end time, and query run time for each table created by the data\_curation\_xtbl program, the cumulative run time for the program and the dataset loading time. The DATAMART\_ALL table is not included because it is just a print. |
| 126 | MULTIPLE | xtbl\_l3\_dash1 | Counts the number of patients with any VITAL record with a populated MEASURE\_DATE and a diagnosis record with a populated ADMIT\_DATE and DX during the designated period prior to the maximum DIAGNOSIS.ADMIT\_DATE. If the maximum ADMIT\_DATE is in the future, the current date is substituted. |
| 127 | MULTIPLE | xtbl\_l3\_dash2 | Counts the number of patients with any VITAL record with a populated MEASURE\_DATE and a DIAGNOSIS record with a populated DX and ADMIT\_DATE and either a PRESCRIBING record with a populated RXNORM\_CUI and RX\_START\_DATE *or* a DISPENSING record with a populated DISPENSE\_DATE and NDC during the designated period of time prior to the maximum DIAGNOSIS.ADMIT\_DATE. If the maximum ADMIT\_DATE is in the future, the current date is substituted. |
| 128 | MULTIPLE | xtbl\_l3\_dash3 | Counts the number of patients with any VITAL record with a populated MEASURE\_DATE and a DIAGNOSIS record with a populated DX and ADMIT\_DATE and either (a PRESCRIBING record with a populated RXNORM\_CUI and RX\_ORDER\_DATE *or* a DISPENSING record with a populated DISPENSE\_DATE and NDC) and a LAB\_RESULT\_CM record and RESULT\_DATE during the designated period of time prior to the maximum DIAGNOSIS.ADMIT\_DATE. If the maximum ADMIT\_DATE is in the future, the current date is substituted. |
| 129 | MULTIPLE | xtbl\_l3\_date\_logic | Identifies illogical relationships between BIRTH\_DATE, DEATH\_DATE, and key dates in other tables |
| 130 | MULTIPLE | xtbl\_l3\_dates | Descriptive statistics and counts of records with future dates or dates prior to January 2010 for all date fields. |
| 131 | MULTIPLE | xtbl\_l3\_lab\_enctype | # of records and patients with lab records by encounter type. |
| 132 | MULTIPLE | xtbl\_l3\_metadata | HARVEST fields; maximum refresh date; query package; response date; low cell count threshold; operating system; SAS version and packages; SAS datastore (data or views); and query run time. There should only be 1 record in this table. The DATAMARTID and REFRESH\_MAX fields are used extensively throughout the query package. |
| 133 | MULTIPLE | xtbl\_l3\_mismatch | Counts the number of records where there is a mismatch between a parent and child table. These checks include ENCOUNTERIDs that are not in the ENCOUNTER table; PATIDs that are not in the DEMOGRAPHIC table; PROVIDERIDs that are not in the PROVIDER table; and discordance in the fields that are replicated from the ENCOUNTER table to the PROCEDURES and DIAGNOSIS tables. |
| 134 | MULTIPLE | xtbl\_l3\_non\_unique | Identify encounters which are associated with more than 1 patient (PATID) in the same table |
| 135 | MULTIPLE | xtbl\_l3\_pres\_enctype | # of records and patients with prescribing records by encounter type. |
| 136 | MULTIPLE | xtbl\_l3\_times | Descriptive statistics for all time fields. |
| 137 | MULTIPLE | xtbl\_l3\_race\_enc | # of records and patients by RACE among patients with at least 1 encounter after 2009(from 2010) |
| 138 | OBS\_CLIN | obsclin\_l3\_n | Counts OBSCLINID and PATID |
| 139 | OBS\_CLIN | obsclin\_l3\_code\_type | OBSCLIN\_TYPE and OBSCLIN\_CODE crosstab |
| 140 | OBS\_CLIN | obsclin\_l3\_mod | OBSCLIN\_RESULT\_MODIFIER frequency |
| 141 | OBS\_CLIN | obsclin\_l3\_qual | OBSCLIN\_RESULT\_QUAL frequency |
| 142 | OBS\_CLIN | obsclin\_l3\_runit | OBSCLIN\_RESULT\_UNIT frequency |
| 143 | OBS\_CLIN | obsclin\_l3\_type | OBSCLIN\_TYPE frequency |
| 144 | OBS\_GEN | obsgen\_l3\_mod | OBSGEN\_RESULT\_MODIFIER frequency |
| 145 | OBS\_GEN | obsgen\_l3\_tmod | OBSGEN\_TABLE\_MODIFIER frequency |
| 146 | OBS\_GEN | obsgen\_l3\_n | Counts OBSGENID, PATID, ENCOUNTERID and OBSGEN\_PROVIDERID |
| 147 | OBS\_GEN | obsgen\_l3\_qual | OBSGEN\_RESULT\_QUAL frequency |
| 148 | OBS\_GEN | obsgen\_l3\_runit | OBSGEN\_RESULT\_UNIT frequency |
| 149 | OBS\_GEN | obsgen\_l3\_type | OBSGEN\_TYPE frequency |
| 150 | OBS\_GEN | obsgen\_l3\_code\_type | OBSGEN\_TYPE and OBSGEN\_CODE crosstab |
| 151 | PCORNET\_TRIAL | trial\_l3\_n | Counts PATID, TRIALID, PARTICIPANTID, and TRIAL\_KEY |
| 152 | prescribing | pres\_l3\_basis | RX\_BASIS frequency |
| 153 | prescribing | pres\_l3\_dispaswrtn | RX\_DISPENSE\_AS\_WRITTEN frequency |
| 154 | prescribing | pres\_l3\_freq | RX\_FREQUENCY frequency |
| 155 | prescribing | pres\_l3\_n | Counts non-missing, distinct, and missing PATID, PRESCRIBINGID, ENCOUNTERID, and RX\_PROVIDERID |
| 156 | prescribing | pres\_l3\_odate\_y | RX\_ORDER\_DATE year frequency |
| 157 | prescribing | pres\_l3\_odate\_ym | RX\_ORDER\_DATE year month frequency |
| 158 | prescribing | pres\_l3\_prnflag | RX\_PRN\_FLAG frequency |
| 159 | prescribing | pres\_l3\_rxcui | RXCUI frequency |
| 160 | prescribing | pres\_l3\_rxcui\_rxsup | Descriptive statistics for RX\_DAYS\_SUPPLY by RXNORM\_CUI |
| 161 | prescribing | pres\_l3\_rxcui\_tier | RXNORM\_CUI frequency by tier of term type |
| 162 | prescribing | pres\_l3\_rxdoseform | RX\_DOSE\_FORM frequency |
| 163 | prescribing | pres\_l3\_rxdoseodr\_dist | Descriptive statistics for RX\_DOSE\_ORDERED |
| 164 | prescribing | pres\_l3\_rxdoseodrunit | RX\_DOSE\_ORDERED\_UNIT frequency |
| 165 | pRESCRIBING | pres\_l3\_rxqty\_dist | Descriptive statistics for RX\_QUANTITY |
| 166 | pRESCRIBING | pres\_l3\_rxrefill\_dist | Descriptive statistics for RX\_REFILLS |
| 167 | pRESCRIBING | pres\_l3\_route | RX\_ROUTE frequency |
| 168 | pRESCRIBING | pres\_l3\_source | RX\_SOURCE frequency |
| 169 | pRESCRIBING | pres\_l3\_rawrxmed | RAW\_RX\_MED\_NAME frequency |
| 170 | pRESCRIBING | pres\_l3\_supdist2 | Record count by category of RX\_DAYS\_SUPPLY |
| 171 | PRO\_CM | procm\_l3\_cat | PRO\_CAT frequency |
| 172 | pro\_cm | procm\_l3\_itemfullname | PRO\_ITEM\_FULLNAME frequency |
| 173 | PRO\_CM | procm\_l3\_loinc | PRO\_LOINC frequency |
| 174 | PRO\_CM | procm\_l3\_itemnm | PRO\_ITEM\_NAME frequency |
| 175 | PRO\_CM | procm\_l3\_measure\_fullname | PRO\_MEASURE\_FULLNAME frequency |
| 176 | PRO\_CM | procm\_l3\_measurenm | PRO\_MEASURE\_NAME frequency |
| 177 | PRO\_CM | procm\_l3\_method | PRO\_METHOD frequency |
| 178 | PRO\_CM | procm\_l3\_mode | PRO\_MODE frequency |
| 179 | PRO\_CM | procm\_l3\_n | Counts PRO\_CM\_ID, PATID, and ENCOUNTERID |
| 180 | PRO\_CM | procm\_l3\_pdate\_y | PRO\_DATE year frequency |
| 181 | PRO\_CM | procm\_l3\_pdate\_ym | PRO\_DATE year month frequency |
| 182 | PRO\_CM | procm\_l3\_type | PRO\_TYPE frequency |
| 183 | Procedures | pro\_l3\_adate\_y | ADMIT\_DATE year frequency |
| 184 | Procedures | pro\_l3\_adate\_ym | ADMIT\_DATE year month frequency |
| 185 | Procedures | pro\_l3\_enctype | ENC\_TYPE frequency |
| 186 | Procedures | pro\_l3\_enctype\_adate\_ym | ENC\_TYPE and ADMIT\_DATE year month crosstab |
| 187 | Procedures | pro\_l3\_n | Counts non-missing, distinct, and missing PATID, ENCOUNTERID, and PROCEDURESID |
| 188 | Procedures | pro\_l3\_ppx | PPX frequency |
| 189 | Procedures | pro\_l3\_px | PX frequency |
| 190 | Procedures | pro\_l3\_pxtype | PX\_TYPE frequency |
| 191 | Procedures | pro\_l3\_px\_pxtype | PX and PX\_TYPE crosstab |
| 192 | Procedures | pro\_l3\_pxdate\_y | PX\_DATE year frequency |
| 193 | Procedures | pro\_l3\_pxsource | PX\_SOURCE frequency |
| 194 | procedures | pro\_l3\_pxtype\_adate\_y | PX\_TYPE and ADMIT\_DATE year crosstab |
| 195 | Procedures | pro\_l3\_pxtype\_enctype | PX\_TYPE and ENC\_TYPE crosstab |
| 196 | Provider | prov\_l3\_n | Counts PROVIDERID and PROVIDER\_NPI |
| 197 | Provider | prov\_l3\_npiflag | PROVIDER\_NPI\_FLAG frequency |
| 198 | Provider | prov\_l3\_specialty | PROVIDER\_SPECIALTY\_PRIMARY frequency |
| 199 | Provider | prov\_l3\_specialty\_group | PROVIDER\_SPECIALTY\_PRIMARY group frequency |
| 200 | Provider | prov\_l3\_sex | PROVIDER\_SEX frequency |
| 201 | Vital | vit\_l3\_bmi | BMI frequency |
| 202 | Vital | vit\_l3\_bp\_position\_type | BP\_POSITION\_TYPE frequency |
| 203 | Vital | vit\_l3\_dash1 | Counts the number of patients with any vital record with a populated MEASURE\_DATE during the designated period prior to the maximum MEASURE\_DATE. If the maximum MEASURE\_DATE is in the future, the current date is substituted. |
| 204 | Vital | vit\_l3\_diastolic | DIASTOLIC frequency |
| 205 | Vital | vit\_l3\_ht | HT frequency |
| 206 | Vital | vit\_l3\_ht\_dist | Descriptive statistics for HT |
| 207 | Vital | vit\_l3\_mdate\_y | MEASURE\_DATE year frequency |
| 208 | Vital | vit\_l3\_mdate\_ym | MEASURE\_DATE year month frequency |
| 209 | Vital | vit\_l3\_n | Counts non-missing, distinct, and missing PATID, ENCOUNTERID, and VITALID |
| 210 | Vital | vit\_l3\_smoking | SMOKING frequency |
| 211 | Vital | vit\_l3\_systolic | SYSTOLIC frequency |
| 212 | Vital | vit\_l3\_tobacco | TOBACCO frequency |
| 213 | Vital | vit\_l3\_tobacco\_type | TOBACCO\_TYPE frequency |
| 214 | Vital | vit\_l3\_vital\_source | VITAL\_SOURCE frequency |
| 215 | Vital | vit\_l3\_wt | WT frequency |
| 216 | Vital | vit\_l3\_wt\_dist | Descriptive statistics for WT |

1. **Empirical Data Curation Report**

The data from all data curation query output tables except for the *elapsed* datasets is compiled into a normalized dataset. The Empirical Data Curation (EDC) Report is produced from this dataset. The EDC Report summarizes key information from the query ouput tables and identifies exceptions to the PCORnet Data Checks v6. The report includes a table of contents, a data check exception summary, and up to 42 tables and charts, depending upon the number of CDM tables which are populated. The table of contents is below.

| **Section** | **Table** | **Table Description** | **Data Check** |
| --- | --- | --- | --- |
| n/a | n/a | PCORnet Empirical Data Curation Report Table of Contents | n/a |
| n/a | n/a | Data Check Exception Summary | n/a |
| Section I: | Table IA | Demographic Summary | n/a |
| Descriptive | Table IB | Potential Pools of Patients | 3.04, 3.05 |
| Information | Table IC | Height, Weight, Body Mass Index (BMI) and Smoking | n/a |
|  | Chart IA | Vital Measures by Measurement Date, Past 5 Years | n/a |
|  | Table ID | Records, Patients, Encounters, and Date Ranges by Table | n/a |
|  | Table IE | Records Per Table by Encounter Type | n/a |
|  | Chart IB | Trend in Encounters by Admit Date and Encounter Type, Past 5 Years | n/a |
|  | Chart IC | Trend in Institutional Encounters by Discharge Date and Encounter Type, Past 5 Years | n/a |
|  | Table IF | Date Obfuscation or Imputation | n/a |
|  | Table IG | Lab Results for Selected Lab Tests | n/a |
|  | Chart ID | Trend in Laboratory Results by Result Date, Past 5 Years | n/a |
|  | Chart IE | Trend in Prescribed Medications by Rx Order Date, Past 5 Years | n/a |
|  | Chart IF | Trend in Dispensed Medications by Dispense Date, Past 5 Years | n/a |
|  | Chart IG | Trend in Administered Medication Records by Start Date, Past 5 Years | n/a |
|  | Chart IH | Trend in Condition Records by Report Date, Past 5 Years | n/a |
|  | Chart II | Trend in Death Records by Death Date and Death Source, Past 5 Years | n/a |
| Section II: | Table IIA | Primary Key Errors | 1.05 |
| Data Model | Table IIB | Values Outside of Common Data Model (CDM) Specifications | 1.06 |
| Conformance | Table IIC | Non-Permissible Missing Values | 1.07 |
|  | Table IID | Diagnostic Errors | 1.01- 1.04 |
|  | Table IIE | Orphan Records, Replication Errors and Encounter Duplication | 1.08-1.12 |
|  | Table IIF | Potential Code Errors | 1.13 |
| Section III: | Table IIIA | Future Dates | 2.01 |
| Data | Table IIIB | Records with Extreme Values | 2.02 |
| Plausibility | Table IIIC | Illogical Dates | 2.03 |
|  | Table IIID | Encounters Per Visit and Per Patient | 2.04 |
|  | Table IIIE | Laboratory Result Specimen Source Discrepancies | 2.05 |
|  | Table IIIF | Quantitative Lab Result Outliers, Selected Tests | 2.06 |
| Section IV: | Table IVA | Diagnosis Records Per Encounter, Overall and by Encounter Type | 3.01 |
| Data | Chart IVA | Diagnosis Records Per Encounter by Admit Date and Encounter Type, Past 5 Years | n/a |
| Completeness | Table IVB | Procedure Records Per Encounter, Overall and by Encounter Type | 3.02 |
| and | Chart IVB | Procedure Records Per Encounter by Admit Date and Encounter Type, Past 5 Years | n/a |
| Plausibility | Table IVC | Missing or Unknown Values, Required Tables | 3.03 |
|  | Table IVD | Missing or Unknown Values, Optional Tables | 3.03 |
|  | Table IVE | Principal Diagnoses for Institutional Encounters | 3.06 |
|  | Table IVF | Data Latency and Completeness of Encounter, Diagnosis and Procedure Data, Past 2 Years | 3.07 |
|  | Table IVG | Data Latency and Completeness of Vital, Prescription, and Lab Data, Past 2 Years | 3.11 |
|  | Table IVH | RXNORM Term Type Mapping | 3.08 |
|  | Table IVI | Laboratory Result Data Completeness | 3.09, 3.10, 3.12 |
| Section V: | Table VA | Changes in CDM Tables | 4.01 |
| Data | Table VB | Changes in Selected Encounters and Domains | 4.02 |
| Persistence | Table VC | Changes in Selected Code Types | 4.03 |

1. **Program Package File Structure**

Each request package distributed by PCORnet’s DRN OC contains several sub-folders to organize program inputs and outputs. The subfolders must reside within an outer folder labeled with the query name designated in the DRN Query Tool, e.g. PROD\_P02\_DQA\_FDPRO\_DCQ\_NSD1\_c003\_r001.   
The subfolders are as follows:

* ***dmlocal***: Contains output generated by the request that should be saved locally but not returned to DRN OC. Output may be used locally or to facilitate follow-up queries.
* ***drnoc***: Contains output generated by the request that should be returned to the DRN OC via the PCORnet DRN Query Tool. These tables consist of aggregate data/output and transfer the minimum required to answer the analytic question.
* ***sasprograms***: Contains the master SAS program that must be edited and then executed locally.
* ***infolder****:* Contains all input programs and files needed to execute the request. These are created for each request by the DRN OC Data Curation team; the contents of this folder should not be edited.

1. **Files Included in Query Request**

The following files are included in the Zip file distributed with the query request.

Cycle 6 Data Curation Query Package Checklist.pdf

Data Curation Query Package v4.15 Work Plan.pdf

Investigative Data Check 2.06 Exceptions.xlsx

*infolder*

1. data\_curation\_query\_base.sas
2. data\_curation\_query\_lab.sas
3. data\_curation\_query\_main.sas
4. data\_curation\_print.sas
5. data\_curation\_query\_xtbl.sas
6. dc\_reference.cpt (includes 15 SAS datasets: lab\_loinc\_ref, lab\_dcgroup\_ref, rxnorm\_cui\_ref, \_qual, \_route, \_unit, facility\_type, patient\_pref\_language\_spoken, payer\_type\_, rx\_dose\_form, provider\_primary\_specialty, short\_dose\_x\_unit, short\_result\_unit, short\_specimen\_source and specimen\_source). These datasets are created from the PCORnet\_CDM\_ValueSet\_ReferenceFile\_v1.5.xlsx.
7. edc\_prep.sas
8. edc\_reference.cpt (includes 8 SAS datasets: dc\_summary, dc\_tables, footers, headers, missingness, required\_structure, toc, and q2\_stat\_dlg\_loinc)
9. edc\_report.sas
10. edc\_template.sas
11. normalization.sas
12. potential\_code\_errors.sas

*sas\_programs*

1. 01\_run\_code\_errors.sas
2. 02\_run\_queries.sas
3. 03\_run\_edc\_prep.sas
4. 04\_run\_edc\_report.sas
5. **Output Files**

**Local files (*dmlocal* folder).** DMID=DataMart ID; DATE=response date

|  |  |
| --- | --- |
| **Produced by** | **File description** |
| pcornet\_code\_errors.sas | code\_error\_summary (SAS dataset and csv file)  *Up to 8 error files, if relevant code types are present:*  bad\_dx (SAS dataset and csv file)  bad\_px (SAS dataset and csv file)  bad\_pres (SAS dataset and csv file)  bad\_lab (SAS dataset and csv file)  bad\_disp (SAS dataset and csv file)  bad\_medadmin (SAS dataset and csv file)  bad\_obsclin (SAS dataset and csv file)  bad\_obsgen (SAS dataset and csv file) |
| data\_curation\_query\_base.sas;  data\_curation\_query\_main.sas;  data\_curation\_query\_lab.sas; data\_curation\_query\_xtbl.sas; | Up to 215 output tables (SAS dataset and csv file; see section IV) and set.log (contains the output results of the PROC SETINIT procedure. This information is used to populate XTBL\_L3\_METADATA) |
| normalization.sas | [DMID]\_[ DATE]\_dc\_norm.sas7dat |

**Files to be returned to the DRN OC (*drnoc* folder).**  DMID=DataMart ID; DATE=response date.

| **File name** | **Program produced by** | **File description** |
| --- | --- | --- |
| [DMID]\_[DATE]\_potential\_code\_errors.log | potential\_code\_errors.sas | The SAS log file for the program. Must be checked for errors and warnings. |
| [DMID]\_[DATE]\_Potential\_Code\_Errors.pdf | potential\_code\_errors.sas | The report produced by the program. |
| [DMID]\_[DATE]\_code\_error\_summary.cpt | potential\_code\_errors.sas | A SAS transport file (similar to a Zip file) containing the code error summary dataset produced by the program |
| *If all data curation queries are run at once*  [DMID]\_[DATE]\_data\_curation\_all.cpt  **or**  *If data curation queries are run separately*  [DMID]\_[DATE]\_data\_curation\_main.cpt  [DMID]\_[DATE]\_data\_curation\_lab.cpt  [DMID]\_[DATE]\_data\_curation\_xtbl.cpt | data\_curation\_query\_base.sas;  data\_curation\_query\_main.sas;  data\_curation\_query\_lab.sas;  data\_curation\_query\_xtbl.sas | A SAS transport file (similar to a Zip file) containing all the SAS datasets produced by the program(s). |
| *If all data curation queries are run at once*  [DMID]\_[DATE]\_data\_curation\_all.pdf  **or**  *If data curation queries are run separately*  [DMID]\_[DATE]\_data\_curation\_main.pdf  [DMID]\_[DATE]\_data\_curation\_lab.pdf  [DMID]\_[DATE]\_data\_curation\_xtbl.pdf | data\_curation\_query\_base.sas;  data\_curation\_query\_main.sas;  data\_curation\_query\_lab.sas;  data\_curation\_query\_xtbl.sas;  data\_curation\_print.sas | A PDF containing a partial print of the output tables for the benefit of non-programmers. For ease of readibility, it excludes the first three columns of the table (DataMartID, Response Date, and Query Package), and large tables are limited to the 100 most frequent observations. Empty tables are not printed. |
| *If all data curation queries are run at once*  [DMID]\_[DATE]\_data\_curation\_all.log  [DMID]\_[DATE]\_data\_curation\_base.log  **or**  *If data curation queries are run separately*  [DMID]\_[DATE]\_data\_curation\_base.log  [DMID]\_[DATE]\_data\_curation\_main.log  [DMID]\_[DATE]\_data\_curation\_lab.log  [DMID]\_[DATE]\_data\_curation\_xtbl.log | data\_curation\_query\_base.sas;  data\_curation\_query\_main.sas;  data\_curation\_query\_lab.sas;  data\_curation\_query\_xtbl.sas | The SAS log files for the programs. Must be checked for errors and warnings. |
| [DMID]\_[DATE]\_dc\_norm.cpt | normalization.sas | A SAS transport file (similar to a Zip file) containing a normalized version of all data curation query output tables except the *elapsed* datasets. |
| [DMID]\_[DATE]\_normalization.log | normalization.sas | The SAS log file for the program. Must be checked for errors and warnings. |
| [DMID]\_[ DATE]\_ EDCRPT.log | edc\_report.sas | The SAS log file for the program. Must be checked for errors and warnings. |
| [DMID]\_[ DATE]\_EDCRPT.pdf | edc\_report.sas | The report produced by the program. |

1. **Query Input and Output Diagram**

The diagram below ilustrates how the query package uses information from the CDM tables and prior data curation results to produce the datasets in the *dmlocal* folder.



1. **Responding to the Query Package**
2. Prepare for the query as instructed in the Query Package Checklist.
3. Go to the DataMart Client and open the query package. Extract the contents, save them locally as described in Sections VI, and create the *drnoc* and *dmlocal*folders.
4. If the CDM data is stored in database tables, do the following. Otherwise proceed to Step 4.
   1. Consider compressing large tables to improve query response time.
   2. Modify the user inputs to use appropriate SAS/ACCESS options on a LIBNAME statement so that the program knows where to find the database tables. The examples below show connection information for an Oracle database; connecting to other database systems may require different connection information.
      * 1. In the *sasprograms* folder, open **01\_run\_code\_errors.sas, 02\_run\_queries.sas** and **04\_run\_edc\_report.sas** and edit the dpath variable to include the appropriate database connection information. Be sure to use the %str() function to mask the embedded equal signs. For example: %let dpath = %str(oracle user=”myuserid” orapw=mypasswd path=mydbname schema=myschema);
        2. In the *infolder f*older, open the **data\_curation\_query\_base.sas** program edit the libname pcordata statement on Line 32 to remove the quotation marks, as: libname pcordata &dpath;
5. Open all programs in the *sasprograms* folder and modify the directory paths and inputs as instructed below. For reasons of compatibility and standardization, directory paths must meet the following criteria:
   * + DO use forward slashes (e.g. /) which are always compatible on both UNIX and WINDOWS.
     + DO use end of path separators (e.g. /xyz/ and not /xyz) which are assumed by many programs.
     + DO use beginning of path separators (e.g. /xyz) on UNIX.
     + DO NOT use beginning of path separators on WINDOWS (e.g. P:/xyz not /P:/xyz).
     + DO NOT surround directory paths with quotes (e.g. /xyz/ not "/xyz/").
   1. After %let dpath=, provide the directory path where your PCORnet CDM SAS data is located.
   2. After %let qpath=, provide the outer folder where the required folders were created.
   3. In the **02\_run\_queries.sas** program, populate the following user inputs.
      1. After %let threshold=, leave the default value of 0.
      2. After %let \_grp, provide one of the query group process option: all, main, lab, or xtbl.
         1. *To run the programs all at once*: Select “all” to run the data curation query programs as a batch; this option is recommended if you are not an experienced SAS user and for the final submission to the DRNOC.
         2. *To run the programs sequentially:* This is recommended for partners who have long run times and want to be able to remediate issues which only affect certain tables more easily. To do so, select one of the 3 options (main, lab, or xtbl) for the initial run and then repeat with the remaining options as instructed in Step 6.
      3. After %let lookback=, leave the default value of 20.
   4. In the **04\_run\_edc\_report.sas** program, after %let ppath=, provide the outer folder containing the most recently approved query results (i.e. results for the previous DataMart refresh).
6. Open the **01\_run\_code\_errors.sas** program. Run the program and review the log and output as instructed in the Query Package Checklist.
7. Open the **02\_run\_queries.sas** program. Run the program, either 1 time if you selected %let \_grp=all, or 3 times in the sequence you desire (e.g. first with lab, next with xtbl, and finally with main). As it processes each query program, the program will print results to a PDF file, create permanent SAS datasets for each output table, and import all permanent SAS datasets into a SAS transport file. Review the logs and output (see section VIII) as instructed in the Query Package Checklist. You may wish to review the output tables which could contain required data check exceptions before proceeding (e.g. from xtbl, review XTBL\_L3\_MISMATCH and XTBL\_L3\_NONUNIQUE). If you are working in Windows and executing the queries sequentially, you will need to close all open applications (e.g. PC SAS and Microsoft Word) before running the next program. Otherwise, you will get an error message from SAS like “Fatal ODS error has occurred. Unable to continue processing this output destination” and “File is in use”. You can monitor the query progress by checking the [DMID]\_[DATE]\_data\_curation\_progress\_report.rtf document in the *drnoc* folder. Depending on your SAS processing environment, you may also see the same information in the SAS OUTPUT window or RESULTS window.
8. Open and run the **03\_run\_edc\_prep.sas** program. All data curation datasets must be present before proceeding with the EDC portion of this package. To ensure that this is the case, review the output in the result window. You should see a statement that says “No datasets are missing”. If a dataset is missing, it will be listed in the output. If there is no output, confirm that you entered the correct information after %let qpath=. If necessary, rectify problems by returning to the **02\_run\_queries.sas** program to create the missing datasets.
9. Open and run the **04\_run\_edc\_report.sas** program. This program will first call the **normalization.sas** program to create a dataset which combines all the data curation query output tables and then call **edc\_report.sas** to create the EDC report from the normalized dataset and print results to a PDF file. Review the logs and output as instructed in the Query Package Checklist.
10. If you need to modify your data after running the queries, follow these guidelines for re-running the **02\_run\_queries.sas** programs, and then rerun the **03\_run\_edc\_prep.sas** and **04\_run\_edc\_report.sas** programs.
    1. You must re-run the main program unless the only change you made is to a field in the HARVEST table that is not a REFRESH date or the DATAMARTID.
    2. You must re-run the xtbl program if any of the following changes occurred: records were added or deleted, dates were changed, identifiers were changed, RACE or ENC\_TYPE were changed, or anything in the HARVEST table was changed.
    3. You must re-run the lab program if you make any changes to the LAB\_RESULT\_CM table.
11. Update the online ETL Annotated Dictionary as instructed in the Query Package Checklist.
12. If desired, verify the contents of the cpt files by using a proc cimport statement, as shown in the example below:

libname outlib ‘F:/pcornet/myproject/’;

%let infile= ‘F:/pcornet/myproject/T1D3\_20151101\_data\_curation.cpt’;

proc cimport infile=&infile library=outlib;

run;

1. Return the files in the *drnoc* folder (see section VIII), a completed Investigative Data Check 2.06 Exceptions spreadsheet if applicable, and a signed Query Package Checklist. If there is more than one version of any of the files in the *drnoc* folder, archive and/or delete the earlier versions and only return the ones with the most recent date (i.e., those reflecting the final results).
2. Retain all output from the final run in the *dmloca*l folder for use in future queries as shown in Section IX.

1. **Table Shells: Potential Code Errors**

**code\_summary**

*Note: This dataset will include 1 row for each observed combination of table and code type.*

|  |  |
| --- | --- |
| **Field** | **Description** |
| Table | DIAGNOSIS, DISPENSING, LAB\_RESULT\_CM, MED\_ADMIN, OBS\_GEN, OBS\_CLIN, PRESCRIBING, or PROCEDURES |
| Code\_type | 09,10, CH, ND, LC, or RX |
| Bad records | Count of potentially bad records |
| Total records | Count of total records |
| Pct | The percent of records which are potentially bad records. |

**bad\_dx; bad\_px; bad\_disp; bad\_pres; bad\_lab; bad\_medadmin; bad\_obsclin; bad\_obsgen**

*Note: Tables will only be created if the table contains at least 1 record for the relevant code types.*

|  |  |
| --- | --- |
| **Field** | **Description** |
| [Varies] | Pseudoidentifer for the table, e.g. encounterID |
| CODE\_TYPE | 09,10, CH, ND, LC, or RX |
| CODE | The code. This field is renamed from the table-specific fields, e.g. DX, PX, LAB\_LOINC, and MEDADMIN\_CODE. |
| CODE\_CLEAN | Uppercase code which discards decimals, dashes, commas, spaces and trailing blanks |
| CODE\_LENGTH | Length of code\_clean |
| ANYALPHA | The position of the first alphabetical character; 0 if there are no alphabetic characters |
| ANYDIGIT | The position of the first numeric character; 0 if there are no numeric characters |
| TABLE | DIAGNOSIS, DISPENSING, LAB\_RESULT\_CM, MED\_ADMIN, OBS\_GEN, OBS\_CLIN, PRESCRIBING, or PROCEDURES |
| unexp\_length | Error indicator. Yes=1; No=0; null=not applicable. |
| unexp\_alpha | Error indicator. Yes=1; No=0; null=not applicable. |
| unexp\_string | Error indicator. Yes=1; No=0; null=not applicable. |
| unexp\_numeric | Error indicator. Yes=1; No=0; null=not applicable. |

1. **Table Shells: DEMOGRAPHIC Queries**

**dem\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **TAG** | **ALL\_N** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC | PATID |  |  |  |

**dem\_l3\_ageyrsdist1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**dem\_l3\_ageyrsdist2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **AGE\_GROUP** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | <0 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 0-1 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2-4 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5-9 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10-14 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 15-18 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 19-21 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 22-44 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 45-64 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 65-74 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 75-110 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >110 yrs |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**dem\_l3\_genderdist**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **GENDER\_IDENTITY** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | DC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | F |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GQ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | M |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MU |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | TF |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | TM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dem\_l3\_hispdist**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **HISPANIC** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | R |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dem\_l3\_racedist**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RACE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 06 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 07 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dem\_l3\_orientdist**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **SEXUAL\_ORIENTATION** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GA |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MU |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | QS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | QU |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ST |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dem\_l3\_sexdist**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **SEX** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | A |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | F |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | M |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dem\_l3\_patpreflang1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PATIENT\_PREF\_LANGUAGE\_SPOKEN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AAR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ABK |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ACE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ACH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ADA |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **Table Shells: ENCOUNTER Queries**

**enc\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dataset** | **tag** | **all\_n** | **distinct\_n** | **null\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER | PROVIDERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER | FACILITYID |  |  |  |

**enc\_l3\_admsrc**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ADMITTING\_SOURCE** | **record\_n** | **record\_ pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AF |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**enc\_l3\_enctype\_admsrc1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENC\_TYPE** | **ADMITTING\_SOURCE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | AF |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | AL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | AV |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC | ED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP | HH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA | HS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | HS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | IP |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | NH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | RH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | RS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | SN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | IH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | Values outside of CDM specifications |  |  |

**enc\_l3\_adate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Admit\_date** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2006 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2007 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**enc\_l3\_adate\_ym 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ADMIT\_DATE** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**enc\_l3\_enctype\_adate\_ym 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Enc\_type** | **Admit\_date** | **record\_n** | **Distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2015\_07 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2015\_08 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC | 2015\_09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP | 2015­\_10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS | 2015\_11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS | 2015\_12 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | 2016\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | 2016\_02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | 2016\_03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 2016\_04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | 2016\_05 |  |  |

**enc\_l3\_ddate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DISCHARGE\_DATE** | **record\_n** | **record\_pct** | **Distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**enc\_l3\_ddate\_ym 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DISCHARGE\_DATE** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**enc\_l3\_enctype\_ddate\_ym 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Enc\_type** | **DISCHARGE\_date** | **record\_n** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2004\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2004\_02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2004\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2004\_02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | 2004\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | 2004\_02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 2004\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | 2004\_02 |  |  |

**enc\_l3\_disdisp**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DISCHARGE\_DISPOSITION** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | A |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | E |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**enc\_l3\_enctype\_disdisp**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENCTYPE** | **DISCHARGE\_ DISPOSITION** | **record\_n** | **record \_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | A |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | E |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | A |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | E |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | Values outside of CDM specifications |  |  |

[**enc\_l3\_disstat**](file:///C:\Users\lg104\AppData\Local\Temp\OICE_15_974FA576_32C1D314_F0A\7A9D956E.xlsx#enc_l3_disstat!A1)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DISCHARGE\_STATUS** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AF |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AW |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**enc\_l3\_enctype\_disstat 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Enc\_type** | **DISCHARGE\_STATUS** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC | AW |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA | HO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | HH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | Values outside of CDM specifications |  |  |

**enc\_l3\_drg 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DRG** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 001 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 150 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**enc\_l3\_drg\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DRG\_TYPE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**enc\_l3\_enctype\_drg 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENCTYPE** | **DRG** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 001 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 150 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 001 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 150 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | NULL or missing |  |  |

**enc\_l3\_enctype**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_ PACKAGE** | **Enctype** | **record\_n** | **record\_pct** | **distinct\_visit\_n** | **distinct\_**  **patid\_n** | **elig\_ record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | AV |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |  |  |

**enc\_l3\_enctype\_adate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Enctype** | **ADMIT\_DATE** | **record\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2004 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2005 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2006 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2007 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2008 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2009 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2004 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2005 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2006 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2007 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2008 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2009 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | NULL or missing |  |  |

**enc\_l3\_dash1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PERIOD** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 yr |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 3 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 4 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | All yrs |  |

**enc\_l3\_dash2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PERIOD** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 yr |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 3 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 4 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | All yrs |  |

**enc\_l3\_payertype1 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PAYER\_TYPE\_PRIMARY\_GRP** | **PAYER\_TYPE\_PRIMARY** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | MR | 1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MR | 11 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OG | 2 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | Values outside of CDM specifications |  |  |  |

**enc\_l3\_payertype2 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PAYER\_TYPE\_SECONDARY\_GRP** | **PAYER\_TYPE\_SECONDARY** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | MR | 1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MR | 11 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OG | 2 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | Values outside of CDM specifications |  |  |  |

**enc\_l3\_facilitytype 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **FACILITY\_TYPE\_GRP** | **FACILITY\_TYPE** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | OTHER\_CARE\_SITE | ADULT\_DAY\_CARE\_CENTER |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OTHER\_OP\_CARE\_SITE | AMBULANCE \_BASED\_CARE |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CL/CENTER\_AM\_OP\_CARE | AMBULATORY\_CARE\_SITE \_OTHER\_ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | Values outside of CDM specifications |  |  |  |

**enc\_l3\_facilityloc 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **FACILITY\_LOCATION** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 775 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 773 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 765 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 196 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 194 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 775 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 775 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**enc\_l3\_facilitytype\_facilityloc1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **FACILITY\_TYPE** | **FACILITY\_LOCATION** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | ADULT\_DAY\_CARE\_CENTER | 775 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AMBULANCE \_BASED\_CARE | 775 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AMBULATORY\_CARE\_SITE \_OTHER\_ | 765 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | 194 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | 194 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | 775 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 775 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | NULL or missing |  |  |  |

1. **Table Shells: DIAGNOSIS Queries**

**dia\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DataSET** | **TAG** | **all\_n** | **distinct\_n** | **null\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | DIAGNOSIS | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DIAGNOSIS | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DIAGNOSIS | DIAGNOSISID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DIAGNOSIS | PROVIDERID |  |  |  |

**dia\_l3\_dx 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.XX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.XX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.XX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.XX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.XX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.X |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | VXX.X |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.XX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.XX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX.X |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | VXX.X |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**dia\_l3\_dxtype**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX\_TYPE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dia\_l3\_dx\_dxtype 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX** | **DX\_TYPE** | **RECORD\_N** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | SM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | Values outside of CDM specifications |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

[**dia\_l3\_dxsource**](file:///C:\Users\lg104\AppData\Local\Temp\OICE_15_974FA576_32C1D314_F0A\7A9D956E.xlsx#dia_l3_dxsource!A1)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX\_SOURCE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | FI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dia\_l3\_dxtype\_dxsource**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX\_TYPE** | **DX\_SOURCE** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | AD |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | DI |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | FI |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | IN |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | NI |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | UN |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OT |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | NULL or missing |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | Values outside of CDM specifications |  |

**dia\_l3\_PDX**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PDX** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | P |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | S |  |  |
| ~~D1TEST~~ | ~~17JUN2019~~ | ~~DC V4.15~~ | ~~X~~ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**dia\_l3\_PDX\_enctype**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PDX** | **Enc\_type** | **record\_n** | **DISTINCT\_ENCID\_N** | **distinct\_PATID\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | P | AV |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | ED |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | EI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | IC |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | IP |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | IS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | OA |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | OS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | Values outside of CDM specifications |  |  |  |

**dia\_l3\_pdxgrp\_enctype**

*This query counts the number of distinct encounters in the DIAGNOSIS table by the presence or absence of any diagnosis with PDX=P. P means that the encounter has at least 1 principle diagnosis; U means that the encounters principle diagnosis is unknown.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PDXGRP** | **Enc\_type** | **DISTINCT\_ENCID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | P | AV |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | ED |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | EI |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | IC |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | IP |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | IS |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | OA |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | OS |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | NI |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | UN |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | OT |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | NULL or missing |  |
| D1TEST | 17JUN2019 | DC V4.15 | P | Values outside of CDM specifications |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | AV |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | ED |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | EI |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | IC |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | IP |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | IS |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | OA |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | OS |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | NI |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | UN |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | OT |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | NULL or missing |  |
| D1TEST | 17JUN2019 | DC V4.15 | U | Values outside of CDM specifications |  |

**dia\_l3\_adate\_y**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_**  **PACKAGE** | **Admit\_date** | **record\_n** | **record\_pct** | **distinct\_encid\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015 |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |  |

**dia\_l3\_adate\_ym 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ADMIT\_DATE** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**dia\_l3\_enctype**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENCTYPE** | **record\_n** | **record\_pct** | **Distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | AV |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**dia\_l3\_dxtype\_enctype**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX\_type** | **ENC\_TYPE** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | AV |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | ED |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | EI |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | IC |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | IP |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | IS |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OA |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OS |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | NI |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | UN |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OT |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | NULL or missing |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | Values outside of CDM specifications |  |

**dia\_l3\_enctype\_adate\_ym 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **Enc\_type** | **Admit\_**  **date** | **distinct\_ encid\_n** | **RECORD\_N** | **distinct\_patId\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2004\_01 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2004\_02 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | 2004\_03 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC | 2004\_04 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP | 2004\_05 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS | 2004\_06 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA | 2004\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS | 2004\_06 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | 2004\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | 2004\_08 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | 2004\_09 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 2004\_10 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | 2004\_11 |  |  |  |

**dia\_l3\_origin**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_ PACKAGE** | **DX\_ORIGIN** | **RECORD\_N** | **RECORD\_PCT** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | OD |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CL |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DR |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**dia\_l3\_dash1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PERIOD** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 yr |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 3 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 4 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | All yrs |  |

**dia\_l3\_dxtype\_adate\_y1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX\_TYPE** | **ADMIT\_DATE** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | 2007 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 | 2008 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 | 2009 |  |
| D1TEST | 17JUN2019 | DC V4.15 | SM | 2010 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | 2011 |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | 2012 |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | 2013 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 2014 |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | NULL or missing |  |

**dia\_l3\_dxpoa**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DX\_POA** | **RECORD\_N** | **RECORD\_PCT** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | Y |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | U |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | W |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**dia\_l3\_pdx\_detail**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Enc\_type** | **DX\_ORIGIN** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | OD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | BI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | CL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC | DR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | Values outside of CDM specifications |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | OD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | BI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | CL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | DR |  |  |

1. **Table Shells: PROCEDURES Queries**

**pro\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dataset** | **tag** | **all\_n** | **distinct\_n** | **null\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | PROCEDURES | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PROCEDURES | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PROCEDURES | PROCEDURESID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PROCEDURES | PROVIDERID |  |  |  |

**pro\_l3\_px 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PX** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 00.11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 0067T |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**pro\_l3\_adate\_y**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_ PACKAGE** | **ADMIT\_DATE** | **record\_n** | **record\_pct** | **distinct\_encid\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015 |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |  |

**pro\_l3\_adate\_ym 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ADMIT\_DATE** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**pro\_l3\_pxdate\_y**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_ PACKAGE** | **PX\_ DATE** | **record\_n** | **record\_pct** | **distinct\_encid\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015 |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |  |

**pro\_l3\_enctype**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENC\_TYPE** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | AV |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**pro\_l3\_pxtype\_enctype 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PX\_type** | **ENC\_TYPE** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | AV |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | ED |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | IC |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | IP |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | IS |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OA |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OA |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OS |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | NI |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | UN |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | OT |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | NULL or missing |  |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | Values outside of CDM specifications |  |

**pro\_l3\_enctype\_adate\_ym 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **Enc\_type** | **Admit\_date** | **record\_n** | **DISTinct\_ENCID\_N** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | AV | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | 2015\_07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 2015\_07 |  |  |  |

**pro\_l3\_pxtype**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PX\_type** | **record\_n** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | C2 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | C3 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | C4 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | H3 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ND |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values Outside of CDM specifications |  |  |

**pro\_l3\_px\_pxtype 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PX** | **PX\_type** | **record\_n** | **DISTINCt\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | C2 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | C3 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | C4 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | H3 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | HC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | ND |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | RE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | Values Outside of CDM specifications |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | 09 |  |  |

**pro\_l3\_pxsource**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PX\_SOURCE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | BI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**pro\_l3\_pxtype\_adate\_y 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **px\_type** | **Admit\_date** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 | 2007 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 | 2009 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 | 2010 |  |
| D1TEST | 17JUN2019 | DC V4.15 | CH | 2011 |  |
| D1TEST | 17JUN2019 | DC V4.15 | LC | 2012 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | 2013 |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | 2014 |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | 2015 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 2016 |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | NULL or missing |  |

**pro\_l3\_ppx**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PPX** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | P |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | S |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **Table Shells: ENROLLMENT Queries**

**enr\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **DATASET** | **TAG** | **ALL\_N** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | ENROLLMENT | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENROLLMENT | ENR\_START\_DATE |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENROLLMENT | ENROLLID |  |  |  |

**enr\_l3\_dist\_start**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | P1 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P5 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P25 |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | P75 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P95 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P99 |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**enr\_l3\_dist\_end**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | P1 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P5 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P25 |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | P75 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P95 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P99 |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**enr\_l3\_dist\_enrmonth 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **EnroLL\_M** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 0 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 1 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 3 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 4 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
|  |  |  |  |  |  |

**enr\_l3\_dist\_enryear**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **Enroll\_Y** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**enr\_l3\_enr\_ym 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **month** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**enr\_l3\_basedist**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENR\_BASIS** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | A |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | D |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | E |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | G |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | I |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**enr\_l3\_per\_patid**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | P1 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P5 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P25 |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | P75 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P95 |  |
| D1TEST | 17JUN2019 | DC V4.15 | P99 |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **enr\_l3\_chartDATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **CHART** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **Table Shells: VITAL Queries**

**vit\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **dataset** | **tag** | **all\_n** | **distinct\_n** | **null\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | VITAL | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | VITAL | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | VITAL | VITALID |  |  |  |

**vit\_l3\_mdate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **MEASURE\_DATE** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2016 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**vit\_l3\_mdate\_ym 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **MEASURE\_DATE** | **record\_n** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_07 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2015\_08 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**vit\_l3\_vital\_source**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **Vital\_SOURCE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | HC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**vit\_l3\_ht 2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_PACKAGE** | **HT\_group** | **record\_n** | **record\_pct** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | <0 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 0-10 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11-20 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 21-45 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 46-52 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 53-58 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 59-64 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 65-70 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 71-76 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 77-82 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 83-88 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 89-94 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >=95 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**vit\_l3\_ht\_dist 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**vit\_l3\_wt 2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **WT\_group** | **record\_n** | **record\_ pct** | **DISTINCT\_PATD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | <0 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 0-1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2-6 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 7-12 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 13-20 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 21-35 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 36-50 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 51-75 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 76-100 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 101-125 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 126-150 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 151-175 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 176-200 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 201-225 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 226-250 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 251-275 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 276-300 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 301-350 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >350 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**vit\_l3\_wt\_dist 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**vit\_l3\_diastolic 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **diastolic\_group** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | <40 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 40-60 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 61-75 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 76-80 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 81-90 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 91-100 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 101-110 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 111-120 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >120 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**vit\_l3\_systolic 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **systolic\_group** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | <40 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 41-50 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 51-60 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 61-70 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 71-80 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 81-90 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 91-100 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 101-110 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 111-120 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 121-130 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 131-140 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 141-150 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 151-160 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 161-170 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 171-180 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 181-190 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 191-200 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 201-210 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >210 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**vit\_l3\_BMI 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **BMI\_group** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | <0 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 0-1 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2-5 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 6-10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11-15 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 16-20 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 21-25 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 26-30 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 31-35 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 36-40 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 41-45 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 46-50 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >50 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**vit\_l3\_BP\_position\_type 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **BP\_POSITION** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**vit\_l3\_smoking 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Smoking** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 06 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 07 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 08 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**vit\_l3\_tobacco 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Tobacco** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 06 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**vit\_l3\_tobacco\_type 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Tobacco\_type** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**vit\_l3\_dash1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Period** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 yr | 3,000 |
| D1TEST | 17JUN2019 | DC V4.15 | 2 yrs | 4,000 |
| D1TEST | 17JUN2019 | DC V4.15 | 3 yrs | 5,000 |
| D1TEST | 17JUN2019 | DC V4.15 | 4 yrs | 6,000 |
| D1TEST | 17JUN2019 | DC V4.15 | 5 yrs | 7,000 |
| D1TEST | 17JUN2019 | DC V4.15 | All yrs | 8,000 |

1. **Table Shells: Cross-Table Queries**

**elapsed\_all, elapsed\_main, elapsed\_lab,** and **elapsed\_xtbl**

*Note: elapsed\_all will be present if the data curation program is run all at once; if the queries are run sequentially the elapsed\_main, elapsed\_lab, and elapsed\_xtbl datasets will be present.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **QUERY** | **\_QSTART** | **\_QEND** | **ELAPSEDTIME** | **TOTALRUNTIME** |
| DC PROGRAM | 03OCT2016:09:35:29 | 03OCT2016:09:40:20 | 0:01:06 | 0:01:06 |
| DEATH | 03OCT2016:09:35:30 | 03OCT2016:09:37:29 | 0:02:00 | 0:03:06 |
| DEATH\_L3\_N | 03OCT2016:09:37:30 | 03OCT2016:09:39:29 | 0:02:00 | 0:05:06 |
| DEATH\_L3\_DATE\_Y | 03OCT2016:09:39:30 | 03OCT2016:09:40:20 | 0:01:00 | 0:06:06 |

**xtbl\_l3\_dates**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATA MARTID** | **RESPONSE\_ DATE** | **QUERY\_ PACKAGE** | **Dataset** | **Tag** | **MIN** | **P5** | **mEDIAN** | **P95** | **Max** | **N** | **NMISS** | **FUTURE\_DT\_N** | **PRE2010\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC | BIRTH\_ DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER | ADMIT\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Encounter | DISCHARGE\_ DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Diagnosis | ADMIT\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Procedures | ADMIT\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Procedures | PX\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Vital | MEASURE\_ DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENROLLMENT | ENR\_START\_ DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENROLLMENT | ENR\_END\_ DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH | DEATH\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSING | DISPENSE\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | RX\_ORDER\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | RX\_START\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | RX\_END\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_  CM | LAB\_ORDER\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_  CM | SPECIMEN\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_  CM | RESULT\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITION | REPORT\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITION | RESOLVE\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITION | ONSET\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRO\_CM | PRO\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | MEDADMIN\_START\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | MEDADMIN\_ STOP\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_CLIN | OBSCLIN\_DATE |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_GEN | OBSCLIN\_GEN |  |  |  |  |  |  |  |  |  |

**xtbl\_l3\_date\_logic**

| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATE\_COMPARISON** | **DISTINCT\_PATID\_N** |
| --- | --- | --- | --- | --- |
| D1TEST | 17JUN2019 | DC V4.15 | ADMIT\_DATE < BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | DISCHARGE\_DATE < BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | PX\_DATE< BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEASURE\_DATE < BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSE\_DATE < BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX\_START\_DATE < BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | RESULT\_DATE < BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH\_DATE < BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | ADMIT\_DATE >DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | DISCHARGE\_DATE >DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | PX\_DATE>DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEASURE\_DATE >DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSE\_DATE >DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX\_START\_DATE >DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | RESULT\_DATE > DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDADMIN\_START\_DATE<BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDADMIN\_START\_DATE>DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBSCLIN\_DATE<BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBSCLIN\_DATE>DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBSGEN\_DATE<BIRTH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBSGEN\_DATE>DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | PX\_DATE>DISCHARGE\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | PX\_DATE <ADMIT\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | ADMIT\_DATE>DISCHARGE\_DATE |  |

**xtbl\_l3\_times**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_ DATE** | **QUERY\_PACKAGE** | **Dataset** | **Tag** | **MIN** | **MEDIAN** | **MAX** | **N** | **NMiss** |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC | BIRTH\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER | ADMIT\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Encounter | DISCHARGE\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Vital | MEASURE\_ TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_CM | RESULT\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_CM | SPECIMEN\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | RX\_ORDER\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRO\_CM | PRO\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | MEDADMIN\_ START\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | MEDADMIN\_ STOP\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_CLIN | OBSCLIN\_TIME |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_GEN | OBSGEN\_TIME |  |  |  |  |  |

**xtbl\_l3\_metadata**

| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **TAG** | **VALUE** |
| --- | --- | --- | --- | --- |
| D1TEST | 17JUN2019 | DC V4.15 | NETWORKID |  |
| D1TEST | 17JUN2019 | DC V4.15 | NETWORK\_NAME |  |
| D1TEST | 17JUN2019 | DC V4.15 | DATAMARTID |  |
| D1TEST | 17JUN2019 | DC V4.15 | DATAMART\_NAME |  |
| D1TEST | 17JUN2019 | DC V4.15 | DATAMART\_PLATFORM |  |
| D1TEST | 17JUN2019 | DC V4.15 | CDM\_VERSION |  |
| D1TEST | 17JUN2019 | DC V4.15 | DATAMART\_CLAIMS |  |
| D1TEST | 17JUN2019 | DC V4.15 | DATAMART\_EHR |  |
| D1TEST | 17JUN2019 | DC V4.15 | BIRTH\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENR\_START\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENR\_END\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | ADMIT\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | DISCHARGE\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | PX\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX\_ORDER\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX\_START\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX\_END\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSE\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_ORDER\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | SPECIMEN\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | RESULT\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEASURE\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | ONSET\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | REPORT\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | RESOLVE\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRO\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_DEMOGRAPHIC\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_ENROLLMENT\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_ENCOUNTER\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_DIAGNOSIS\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_PROCEDURES\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_VITAL\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_DISPENSING\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_LAB\_RESULT\_CM\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_CONDITION\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_PRO\_CM\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_PRESCRIBING\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_PCORNET\_TRIAL\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_DEATH\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_DEATH\_CAUSE\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | LOW\_CELL\_CNT |  |
| D1TEST | 17JUN2019 | DC V4.15 | OPERATING\_SYSTEM |  |
| D1TEST | 17JUN2019 | DC V4.15 | QUERY\_PACKAGE |  |
| D1TEST | 17JUN2019 | DC V4.15 | RESPONSE\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | LOOKBACK\_MONTHS |  |
| D1TEST | 17JUN2019 | DC V4.15 | LOOKBACK\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_VERSION |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_BASE |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_GRAPH |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_STAT |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_ETS |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_AF |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_IML |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_CONNECT |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_MYSQL |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_ODBC |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_ORACLE |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_POSTGRES |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_SQL |  |
| D1TEST | 17JUN2019 | DC V4.15 | SAS\_TERADATA |  |
| D1TEST | 17JUN2019 | DC V4.15 | DATASTORE |  |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDADMIN\_START\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDADMIN\_END\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBSCLIN\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBSGEN\_DATE\_MGMT |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_MED\_ADMIN\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_OBS\_CLIN\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_PROVIDER\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | REFRESH\_OBS\_GEN\_DATE |  |
| D1TEST | 17JUN2019 | DC V4.15 | DC\_PROGRAM\_HHMMSS |  |

**xtbl\_l3\_dash1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Period** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 yr |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 3 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 4 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | All yrs |  |

**xtbl\_l3\_dash2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Period** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 yr |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 3 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 4 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | All yrs |  |

**xtbl\_l3\_dash3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Period** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1 yr |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 3 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 4 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | 5 yrs |  |
| D1TEST | 17JUN2019 | DC V4.15 | All yrs |  |

**xtbl\_l3\_mismatch**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_ PACKAGE** | **DATASET** | **TAG** | **DISTINCT\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and DIAGNOSIS | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and PROCEDURES | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and VITAL | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and LAB\_RESULT\_CM | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and PRESCRIBING | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and CONDITION | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and PRO\_CM | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and MED\_ADMIN | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and OBS\_CLIN | ENCOUNTERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and ENROLLMENT | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and ENCOUNTER | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and DIAGNOSIS | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and PROCEDURES | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and VITAL | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and LAB\_RESULT\_CM | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and PRESCRIBING | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and DISPENSING | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and DEATH | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and CONDITION | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and DEATH\_CAUSE | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and PRO\_CM | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and PCORNET\_TRIAL | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and MED\_ADMIN | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | DEMOGRAPHIC and OBS\_CLIN | PATID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and DIAGNOSIS | ENC\_TYPE mismatch | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and DIAGNOSIS | ADMIT\_DATE mismatch | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and PROCEDURES | ENC\_TYPE mismatch | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER and PROCEDURES | ADMIT\_DATE mismatch | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER and ENCOUNTER | PROVIDERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER and DIAGNOSIS | PROVIDERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER and PROCEDURES | PROVIDERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER and PRESCRIBING | PROVIDERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER and MED\_ADMIN | PROVIDERID Orphan | 0 |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER and OBS\_CLIN | PROVIDERID Orphan | 0 |

**xtbl\_l3\_lab\_enctype**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENC\_TYPE** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | AV |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**xtbl\_l3\_pres\_enctype**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ENC\_TYPE** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | AV |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ED |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IP |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OS |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IC |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OA |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**datamart\_all**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **PROC\_CONTENTS output?** | **Field description** |
| LIBNAME | Yes | PCORData |
| MEMNAME | Yes | PCORnet Table Name (e.g. DEMOGRAPHIC) |
| MEMLABEL | Yes | Blank |
| TYPEMEM | Yes | Blank |
| NAME | Yes | Variable name (e.g. SEX) |
| TYPE | Yes | Variable type (1=numeric, 2=character) |
| LENGTH | Yes | Variable length |
| VARNUM | Yes | Variable sequence number (not relevant) |
| LABEL | Yes | Blank |
| FORMAT | Yes | Format applied to the variable, e.g. DATE |
| FORMATL | Yes | Format length |
| FORMATD | Yes | Format decimals |
| INFORMAT | Yes | Variable informat |
| INFORML | Yes | Informat length |
| INFORMD | Yes | Informat decimals |
| JUST | Yes | Justification |
| NPOS | Yes | Position in buffer |
| NOBS | Yes | Observations in dataset. NOTE: will not be accurate for sites using Views. |
| ENGINE | Yes | SAS engine name, e.g. V9 |
| CRDATE | Yes | Create date |
| MODATE | Yes | Last modified date |
| DELOBS | Yes | Deleted observations in dataset |
| IDXUSAGE | Yes | Use of variable in indexes |
| MEMTYPE | Yes | Library memtype |
| IDXCOUNT | Yes | Number of indexes |
| PROTECT | Yes | Password protection |
| FLAGS | Yes | Update flags |
| COMPRESS | Yes | Compression routine |
| REUSE | Yes | Reuse space |
| SORTED | Yes | Sorted and/or validated |
| SORTEDBY | Yes | Position of variable in sorted by clause |
| CHARSET | Yes | Host character set |
| COLLATE | Yes | Collating sequence |
| NODUPKEY | Yes | Sort option: no duplicate keys |
| NODUPREC | Yes | Sort option: no duplicate records |
| ENCRYPT | Yes | Encryption routine |
| POINTOBS | Yes | Point to observations |
| GENMAX | Yes | Maximum number of generations |
| GENNUM | Yes | Generation number |
| GENNEXT | Yes | Next generation number |
| TRANSCOD | Yes | Character variables transcoded. |
| ORD | No | PCORnet table order. DEMOGRAPHIC is 01, ENROLLMENT is 02, etc. |
| QUERY\_RESPONSE\_DATE | No | Date the program was run |

**xtbl\_l3\_non\_unique**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **TAG** | **DISTINCT\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | ENCOUNTER | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | DIAGNOSIS | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | PROCEDURES | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_CM | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | VITAL | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITION | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRO\_CM | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | ENCOUNTERID |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_CLIN | ENCOUNTERID |  |

**xtbl\_l3\_race\_enc**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RACE** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 03 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 04 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 05 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 06 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 07 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

1. **Table Shells: DEATH queries**

**death\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dataset** | **tag** | **all\_n** | **distinct\_n** | **null\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH | DEATHID |  |  |  |

death\_l3\_date\_y

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Death\_date** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2006 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2007 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

death\_l3\_date\_ym1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Death\_date** | **record\_n** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

death\_l3\_impute

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Death\_date\_impute** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | B |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | D |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | M |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

death\_l3\_source

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Death\_SOURCE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | D |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | L |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | S |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | T |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

death\_l3\_match

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **Death\_Match\_CONFIDENCE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | E |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | F |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **Table Shells: DEATH\_CAUSE queries**

deathc\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **TAG** | **ALL\_N** | **dISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH\_CAUSE | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH\_CAUSE | DEATH\_CAUSE |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DEATH\_CAUSE | DEATHCID |  |  |  |

deathc\_l3\_code

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DEATH\_CAUSE\_CODE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

deathc\_l3\_type

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DEATH\_CAUSE\_TYPE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | C |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | I |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | O |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | U |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

deathc\_l3\_source

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DEATH\_CAUSE\_SOURCE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | D |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | L |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | S |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | T |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

deathc\_l3\_conf

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DEATH\_CAUSE\_confidence** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | E |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | F |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **Table Shells: DISPENSING queries**

**disp\_l3\_n**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dataset** | **tag** | **all\_n** | **distinct\_n** | **null\_n** | **valid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSING | PATID |  |  |  | n/a |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSING | DISPENSINGID |  |  |  | n/a |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSING | PRESCRIBINGID |  |  |  | n/a |
| D1TEST | 17JUN2019 | DC V4.15 | DISPENSING | NDC |  |  |  |  |

**disp\_l3\_ndc 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ndc** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 11122211445 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 21456789010 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**disp\_l3\_ddate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dispense\_date** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2006 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2007 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**disp\_l3\_ddate\_ym1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dispense\_date** | **record\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2006\_03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2007\_04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**disp\_l3\_supdist2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dispense\_sup\_group** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | <1 day |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 1-15 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 16-30 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 31-60 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 61-90 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >90 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**disp\_l3\_dispamt\_dist**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **stat** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**disp\_l3\_dose\_dist**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **stat** | **record\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**disp\_l3\_doseunit 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DISPENSE\_DOSE\_DISP\_UNIT** | **SHORT\_YN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | % | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | cm | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | g | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | N |  |  |

**disp\_l3\_route 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DISPENSE\_ROUTE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | OTIC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | INTRA\_ARTICULAR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GASTROSTOMY |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **Table Shells: PRESCRIBING queries**

**pres\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dataset** | **tag** | **all\_n** | **distinct\_n** | **null\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | PRESCRIBINGID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRESCRIBING | RX\_PROVIDERID |  |  |  |

**pres\_l3\_rxcui1 (uses the *rxnorm\_cui\_ref* reference table)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **rxnorm\_cui** | **rxnorm\_cui\_tty** | **record\_n** | **record\_pct** | **dist\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 1811 | BN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 902 | MIN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 04 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | NULL or missing |  |  |  |

**pres\_l3\_supdist2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **rx\_days\_suppLY\_group** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | <1 day |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 1-15 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 16-30 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 31-60 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 61-90 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | >90 days |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**pres\_l3\_rxcui\_rxsup1**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **rxnorm\_cui** | **min** | **mean** | **max** | **n** | **nmiss** |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |  |  |

**pres\_l3\_rxcui\_tier**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RXNORM\_CUI\_TIER** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | Tier 1 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Tier 2 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Tier 3 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Tier 4 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**pres\_l3\_basis**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **rx\_basis** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**pres\_l3\_freq**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **rx\_frequency** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 06 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 07 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 08 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 |  |  |
| ~~D1TEST~~ | ~~17JUN2019~~ | ~~DC V4.15~~ | ~~09~~ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**pres\_l3\_odate\_y**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **rx\_ORDER\_date** | **record\_n** | **record\_pct** | **record\_n\_rxcui** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |  |

**pres\_l3\_odate\_ym1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **rx\_ORDER\_date** | **record\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_02 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_03 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_04 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_05 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**pres\_l3\_rxqty\_dist**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**pres\_l3\_rxrefill\_dist**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**pres\_l3\_dispaswrtn**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RX\_DISPENSE\_AS\_WRITTEN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**pres\_l3\_prnflag**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RX\_PRN\_FLAG** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**pres\_l3\_rxdoseform 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RX\_DOSE\_FORM** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AUGMENTED\_TOPICAL\_CREAM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AUGMENTED\_TOPICAL\_GEL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AUGMENTED\_TOPICAL\_LOTION |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AUGMENTED\_TOPICAL\_OINTMENT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**pres\_l3\_rxdoseodr\_dist**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**pres\_l3\_rxdoseodrunit1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RX\_DOSE\_ORDERED\_UNIT** | **SHORT\_YN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | % |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | cm |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | g |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**pres\_l3\_route 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RX\_ROUTE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | OTIC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | INTRA\_ARTICULAR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GASTROSTOMY |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**pres\_l3\_source**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RX\_SOURCE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | OD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications: |  |  |

**pres\_l3\_rawrxmed 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RAW\_RX\_MED\_NAME** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | ENBREL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HUMIRA |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

1. **TABLE SHELL: LAB\_RESULT\_CM queries**

**lab\_l3\_loc**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **result\_loc** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | L |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | P |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**lab\_l3\_n**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dataset** | **tag** | **all\_n** | **distinct\_n** | **null\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_CM | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_CM | LAB\_RESULT\_CM\_ID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB\_RESULT\_CM | ENCOUNTERID |  |  |  |

**lab\_l3\_priority**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **priority** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | ER |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | R |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | S |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**lab\_l3\_recordc**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **TAG** | **ALL\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | KNOWN\_TEST |  |
| D1TEST | 17JUN2019 | DC V4.15 | KNOWN\_TEST\_RESULT |  |
| D1TEST | 17JUN2019 | DC V4.15 | KNOWN\_TEST\_RESULT\_NUM |  |
| D1TEST | 17JUN2019 | DC V4.15 | KNOWN\_TEST\_RESULT\_NUM\_SOURCE |  |
| D1TEST | 17JUN2019 | DC V4.15 | KNOWN\_TEST\_RESULT\_NUM\_UNIT |  |
| D1TEST | 17JUN2019 | DC V4.15 | KNOWN\_TEST\_RESULT\_NUM\_SRCE\_UNIT |  |
| D1TEST | 17JUN2019 | DC V4.15 | KNOWN\_TEST\_RESULT\_NUM\_RANGE |  |

**lab\_l3\_source 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **specimen\_source** | **SHORT\_YN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | ABDOMEN.FNA | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ABSCESS | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ADRENAL\_GLAND | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AIR | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | N |  |  |

**lab\_l3\_px\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **LAB\_PX\_TYPE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ND |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**lab\_l3\_px\_pxtype 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **LAB\_PX** | **LAB\_PX\_TYPE** | **record\_n** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | CH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | ND |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | RE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | Values Outside of CDM specifications |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 09 |  |  |

**lab\_l3\_qual**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **result\_qual** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | POSITIVE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NEGATIVE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BORDERLINE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ELEVATED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HIGH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LOW |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NORMAL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ABNORMAL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UNDETERMINED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**lab\_l3\_mod**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **result\_mod** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | EQ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | TX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**Lab\_l3\_low**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **norm\_modifier\_low** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | EQ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**lab\_l3\_high**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **norm\_modifier\_high** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | EQ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**lab\_l3\_abn**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **ABN\_IND** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | AB |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**lab\_l3\_loinc 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **LAB\_LOINC** | **record\_n** | **record\_pct** | **DIST\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 1234-5 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 78865-7 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**lab\_l3\_loinc\_source (uses the *lab\_loinc\_ref* reference table) 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **LAB\_LOINC** | **SPECIMEN\_SOURCE** | **EXP\_SPECIMEN\_SOURCE** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 1234-5 | BLD | BLD |  |
| D1TEST | 17JUN2019 | DC V4.15 | 1234-5 | PLAS | BLD |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ | ⁞ |  |
| D1TEST | 17JUN2019 | DC V4.15 | 78865-7 | PLAS | PLAS |  |
| D1TEST | 17JUN2019 | DC V4.15 | 78865-7 | URINE | URINE |  |

**lab\_l3\_dcgroup 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **dc\_lab\_group** | **include\_edc** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | ALBUMIN B/S/P | 1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ALBUMIN URINE | 0 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ALBUMIN URINE 24H | 0 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ALT | 1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AST | 1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BICARBONATE | 0 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BILIRUBIN | 0 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BK VIRUS | 0 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | 0 |  |  |  |

**lab\_l3\_rdate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **result\_date** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2007 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2010 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2011 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2012 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2013 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2014 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**lab\_l3\_rdate\_ym1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **result\_date** | **record\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | 2007\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2010\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2011\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2012\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2013\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2014\_01 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**lab\_l3\_loinc\_result\_num1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **lab\_loinc** | **min** | **p1** | **p5** | **p25** | **median** | **p75** | **p99** | **max** | **n** | **null or mssing** |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX-X |  |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX-X |  |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX-X |  |  |  |  |  |  |  |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX-X |  |  |  |  |  |  |  |  |  |  |

**lab\_l3\_raw\_name 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **raw\_lab\_name** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | Electrolytes |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ANA |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CBC |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**lab\_l3\_snomed 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RESULT\_SNOMED** | **record\_n** | **record\_pct** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | XXXXXXXXXX |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXXXXXXXX |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**lab\_l3\_unit 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **RESULT\_UNIT** | **SHORT\_YN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 10.L/(min.m2) | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10.uN.s/(cm5.m2) | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10\*4/uL | y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | N |  |  |

1. **TABLE SHELLS: CONDITION queries**

cond\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **Tag** | **all\_n** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITION | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITION | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITION | CONDITIONID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CONDITITION | CONDITION |  |  |  |

cond\_l3\_condition

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **CONDITION** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | DIABETES |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HEADACHE |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | STOMACH ACHE |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | FATIGUE |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

cond\_l3\_rdate\_y

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **REPORT\_DATE** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2006 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2007 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

cond\_l3\_rdate\_ym 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **REPORT\_DATE** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_09 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_10 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_11 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_12 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_01 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_02 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_03 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_04 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_05 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_06 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_09 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_10 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_11 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_12 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

cond\_l3\_status

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **CONDITION\_STATUS** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | AC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RS |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

cond\_l3\_type

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **CONDITION\_TYPE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AG |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HP |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

cond\_l3\_source

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **CONDITION\_STATUS** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | HC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RG |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **TABLES SHELLS: PRO\_CM queries**

procm\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **Tag** | **all\_n** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | PRO\_CM | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRO\_CM | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRO\_CM | PRO\_CM\_ID |  |  |  |
| ~~D1TEST~~ | ~~17JUN2019~~ | ~~DC V4.15~~ | ~~PRO\_CM~~ | ~~PRO\_RESPONSE~~ |  |  |  |

**procm\_l3\_pdate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_DATE** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2006 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2007 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**procm\_l3\_pdate\_ym 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_DATE** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_09 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_10 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_11 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2004\_12 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_01 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_02 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_03 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_04 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_05 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_06 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_09 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_10 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_11 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005\_12 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**procm\_l3\_method**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_METHOD** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | PA |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | EC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | IV |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**procm\_l3\_mode**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_MODE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | SF |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SA |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PA |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**procm\_l3\_loinc 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_ITEM\_LOINC** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 12345-7 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 56789-1 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**procm\_l3\_cat**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_CAT** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**procm\_l3\_itemfullname 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_ITEM\_FULLNAME** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |

**procm\_l3\_itemnm 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_ITEM\_NAME** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | PN\_0001 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PN\_0002 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PN\_0001 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PN\_0001 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PN\_0001 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PN\_0007 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PN\_0007 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**procm\_l3\_measure\_fullname 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_MEASURE\_FULLNAME** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**procm\_l3\_measurenm 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_MEASURE\_NAME** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |

**procm\_l3\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PRO\_TYPE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | PM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NQ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | AM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **TABLE SHELL: PCORNET\_TRIAL query**

trial\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **Tag** | **all\_n** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | PCORNET\_TRIAL | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PCORNET\_TRIAL | TRIALID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PCORNET\_TRIAL | PARTICIPANTID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PCORNET\_TRIAL | TRIAL\_KEY |  |  |  |

1. **TABLE SHELL: PROVIDER queries**

prov\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **Tag** | **all\_n** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER | PROVIDERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PROVIDER | PROVIDER\_NPI |  |  |  |

**prov\_l3\_npiflag**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PROVIDER\_NPI\_FLAG** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**prov\_l3\_specialty 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PROVIDER\_SPECIALTY\_PRIMARY** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | 101Y00000X |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 101YA0400X |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 101YM0800X |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**prov\_l3\_specialty\_group 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PROVIDER\_SPECIALTY\_GROUP** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | Behavioral Health & Social Service Providers |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Chiropractic Providers |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Dental Providers |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**prov\_l3\_sex**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **PROVIDER\_SEX** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | A |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | F |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | M |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **TABLE SHELL: MED\_ADMIN queries**

medadm\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **Tag** | **all\_n** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | MEDADMINID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | MEDADMIN\_PROVIDERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MED\_ADMIN | PRESCRIBINGID |  |  |  |

**medadm\_l3\_doseadm**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **STAT** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | MIN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MEDIAN |  |
| D1TEST | 17JUN2019 | DC V4.15 | MAX |  |
| D1TEST | 17JUN2019 | DC V4.15 | N |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**medadm\_l3\_doseadmunit 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **MEDADMIN\_DOSE\_ADMIN\_UNIT** | **SHORT\_YN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | % | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | cm | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Gram | N |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | Y |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications | N |  |  |

**medadm\_l3\_route 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **MEDADMIN\_ROUTE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | OTIC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | INTRA\_ARTICULAR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GASTROSTOMY |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**medadm\_l3\_source**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **MEDADMIN\_SOURCE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | OD |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**medadm\_l3\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **MEDADMIN\_TYPE** | **RECORD\_N** | **RECORD\_PCT** |
| D1TEST | 17JUN2019 | DC V4.15 | ND |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**medadm\_l3\_sdate\_y**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **MEDADMIN\_ START\_DATE** | **RECORD\_N** | **RECORD\_PCT** | **DISTINCT\_PATID\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2004 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2005 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2006 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2007 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2008 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2009 |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |

**medadm\_l3\_sdate\_ym 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **MEDADMIN\_ START\_DATE** | **RECORD\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | 2014\_07 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2014\_08 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2014\_09 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2014\_10 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2014\_11 |  |
| D1TEST | 17JUN2019 | DC V4.15 | 2014\_12 |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |

**medadm\_l3\_code\_type 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **MEDADMIN\_CODE** | **MEDADMIN\_TYPE** | **record\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | ND |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | RX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | Values Outside of CDM specifications |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | ND |  |  |

1. **TABLE SHELL: OBS\_CLIN queries**

obsclin\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **Tag** | **all\_n** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_CLIN | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_CLIN | OBSCLINID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_CLIN | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_CLIN | OBSCLIN\_PROVIDERID |  |  |  |

**obsclin\_l3\_type\_code 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSCLIN\_CODE** | **OBSCLIN\_TYPE** | **record\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX-X | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXXXXXXXX | SM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | Values Outside of CDM specifications |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ | ⁞ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | LC |  |  |

**obsclin\_l3\_mod**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSCLIN\_RESULT\_MODIFIER** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | EQ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | TX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**obsclin\_l3\_qual**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSCLIN\_RESULT\_QUAL** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | POSITIVE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NEGATIVE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BORDERLINE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ELEVATED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HIGH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LOW |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NORMAL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ABNORMAL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UNDETERMINED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**obsclin\_l3\_runit1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSCLIN\_RESULT\_UNIT** | **SHORT\_YN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 10.L/min |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10.L/(min.m2) |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10.uN.s/(cm5.m2) |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10\*4/uL |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**obsclin\_l3\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSCLIN\_TYPE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **TABLE SHELL: OBS\_GEN queries**

obsgen\_l3\_n

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **DATASET** | **Tag** | **all\_n** | **DISTINCT\_N** | **NULL\_N** |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_GEN | PATID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_GEN | OBSGENID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_GEN | ENCOUNTERID |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OBS\_GEN | OBSGEN\_PROVIDERID |  |  |  |

**obsgen\_l3\_type\_code 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSGEN\_CODE** | **OBSGEN\_TYPE** | **record\_n** | **distinct\_patid\_n** |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX-X | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXXXXXXXX | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | ON |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | SM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | HP |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXX | HG |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | XXXX | RX |  |  |

**obsgen\_l3\_mod**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSGEN\_RESULT\_MODIFIER** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | EQ |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | TX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**obsgen\_l3\_tmod**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSGEN\_RESULT\_MODIFIER** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | ENR |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ENC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | VT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DSP |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LAB |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CON |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PRO |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | DTH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | MA |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OB |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**obsgen\_l3\_qual**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSGEN\_RESULT\_QUAL** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | POSITIVE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NEGATIVE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | BORDERLINE |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ELEVATED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HIGH |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LOW |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NORMAL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ABNORMAL |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UNDETERMINED |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

**obsgen\_l3\_runit1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSGEN\_RESULT\_UNIT** | **SHORT\_YN** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 10.L/min |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10.L/(min.m2) |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10.uN.s/(cm5.m2) |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10\*4/uL |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ⁞ |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |  |

**obsgen\_l3\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DATAMARTID** | **RESPONSE\_DATE** | **QUERY\_PACKAGE** | **OBSGEN\_TYPE** | **record\_n** | **record\_pct** |
| D1TEST | 17JUN2019 | DC V4.15 | 09 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 10 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | 11 |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ON |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | SM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HP |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HG |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | LC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | RX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | ND |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | HC |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | GM |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | CVX |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UD\_\* |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | PC\_\* |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NI |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | UN |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | OT |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | NULL or missing |  |  |
| D1TEST | 17JUN2019 | DC V4.15 | Values outside of CDM specifications |  |  |

1. **Version History**

|  |  |  |
| --- | --- | --- |
| **Date** | **Version** | **Description** |
| Feb 3, 2016 | v3.00 | Original release. |
| Mar 17, 2016 | v3.01 | Corrected truncation of some query results by increasing field lengths. In VITAL\_L3\_HT, height categories of "<0" and "0-10" were both displaying as "0-10" due to a precision issue with PROC FORMAT/PROC MEANS; this was corrected. In PRO\_L3\_PXDATE\_Y was incorrectly labeled ADMIT\_DATE; this was corrected to PX\_DATE. Updated all documentation and code to v3.01. |
| Nov 7, 2016 | v3.02 | Added queries of DEATH, DISPENSING, LAB\_RESULT\_CM, and PRESCRIBING (35 queries). Added 7 cross-table queries. Revised 14 queries (retained backwards compatibility). Revised the low cell count threshold logic to conform to PCORnet’s new minimum bin size policy. Added the Empirical Data Curation Report. |
| Nov 18, 2016 | v3.03 | Eliminated the need for the SAS ACCESS/Interface to PC Files module. Resolves the following warning: “WARNING: In a call to the CATS function, the buffer allocated for the result was not long enough to contain the concatenation of all the arguments.” |
| Mar 21, 2017 | v3.04 | Modified the program so that optional variables which are 100% missing will not cause errors or omissions. In ENC\_L3\_ENCTYPE, corrected the calculations for ELIG\_RECORD\_N and UNIQUE\_VISIT\_N. In XTBL\_L3\_DASH2 and XTBL\_L3\_DASH3, changed the logic to use PRESCRIBING. RX\_ORDER\_DATE instead of RX\_START\_DATE. In XTBL\_L3\_DASH3, changed the logic to not require LAB\_RESULT\_CM.LAB\_NAME to be populated. In Empirical Data Curation (EDC) Table IIE, corrected the highlighting and added the PRESCRIBING table for orphan ENCOUNTERIDS. In Table IIIB, corrected the percentage calculations. In EDC Table IVD, corrected the “% of encounters without a principal diagnosis” calculation. |
| Jul 5, 2017 | V3.10 | Modified queries to conform to CDM v3.1. Added queries of the CONDITION, PCORNET\_TRIAL, DEATH\_CAUSE, and PRO\_CM tables. Added 12 queries pertaining to previously characterized tables. Revised 31 queries. Incorporated PCORnet Data Checks v3. |
| Sept 18, 2017 | V3.11 | In the Data Curation query, corrected an omission in the “enc\_l3\_enctype\_disdisp” query. In EDC Table IIB, added RX\_QUANTITY\_UNIT and corrected calculation for PX\_TYPE. In EDC Table IVC, added DX\_ORIGIN. In EDC Table IVE, corrected the percentage calculation. |
| Nov 20, 2017 | V3.12 | Incorporated the PCORnet Code Errors v3 program. In the Data Curation query, added 13 queries pertaining to previously characterized tables; revised 3 queries; and deprecated 6 queries. In the Empirical Data Curation report, incorporated PCORnet Data Checks v4, added 1 table, and revised 14 tables. |
| June 8, 2018 | V4.10 | Modified existing queries to conform to CDM v4.1. Incorporated the PCORnet Code Errors v5 program. In the Data Curation query, added 40 queries (24 pertaining to previously characterized tables; 16 for tables new to CDM v4.1); revised 27 queries; and deprecated 2 queries. In the Empirical Data Curation report, incorporated PCORnet Data Checks v5, added 1 table and 2 charts, and revised 15 tables. |
| June 29, 2018 | V4.11 | Corrected the DIAGNOSIS and PROCEDURES information in Table ID. Added additional DATE\_MGMT fields to Table IIB. |
| Oct 8, 2018 | V4.12 | Corrected minor bugs in v4.11. Split the data curation program into 3 programs. Separated the data curation and code errors “run” programs. In the Data Curation program, modified the lookback logic to remove the date restriction from the DEATH table and include records with non-missing dates. Added an Empirical Data Curation (EDC) preparation program. In the Empirical Data Curation program, updated the reference files to reflect Cycle 5 results and to exclude LOINC codes which have no variation from Data Check 2.06. |
| Dec 20, 2018 | V4.13 | Full data curation for OBS\_CLIN and OBS\_GEN tables. For the data curation query, added query progress check report; updated Value Set Reference File to v1.5; and added dia\_l3\_dxtype and pro\_l3\_pxtype. Updated Potential Code Errors to v6 which incorporates OBS\_CLIN, OBS\_GEN, and MED\_ADMIN. In the Empirical Data Curation report, incorporated PCORnet Data Checks v6, added 4 tables and 1 chart, revised 11 tables and charts and switched to PDF format. |
| Mar 19, 2019 | V4.14 | Corrected minor bugs in v4.13 affecting PRO\_L3\_PXTYPE and Data Check 2.07.Updated the Data Curation Lab Group reference file to v3.1 and the network-wide results displayed in the EDC report to the most recently available data. |
| Jun 17, 2019 | V4.15 | Set the low cell count threshold to 0. Added Section IX: Query Input and Output Diagram. Added information about the new CDM Value Set Conformance Query to Section X: Responding to the Query Package. |