**18 Apr 2019**

MHS Genesis Vitals File

for the

MHS Data Repository (MDR)

**(Version 1.00.00)**

**Current Specification**

Revision History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | Date | Originator | Para/Tbl/Fig | Description of Change |
| 1.00.00 | 04/18/2019 | B. Edwards |  | * Original version |

**VITALS FOR GENESIS**

1. SOURCE

The source system is the Cerner Millenium. All records are based on records sent from WH\_CLN\_CLINICAL\_EVENT file. In order to increase the utility of this file, it is merged against other tables from Cerner Millenium [as well as other files on the MDR, as described below in Section VI.]

1. TRANSMISSION (Format and Frequency)

Buk data extract transmitted weekly according to ICD DHMSM DRAFT ICD\_Tables\_BDE: Clinical Events v1.0.0, 22 November 2017

1. ORGANIZATION AND BATCHING

Source data: The first step in MDR processing is to batch records received from MHS Genesis. Raw data batches are stored in /mdr/genesis/raw according to routine MDR operating procedures.

Output products: SAS datasets containing all vitals records where the encounter date is in a fiscal year. The Vitals files are stored at /mdr/pub/genesis/vitals/fyxx.sas7bdat

1. RECEIVING FILTERS

Vitals are identified within the Clinical Events table where the health\_system\_id=18635 and event \_code\_ref is in the following list:

|  |  |
| --- | --- |
| **Event Code Reference** | **Event Code Definition** |
| 107856247 | Numeric Pain Score |
| 113087723 | Tobacco used in past 12 months |
| 1164536 | Systolic Blood Pressure Supine |
| 1164539 | Diastolic Blood Pressure Supine |
| 1164542 | Diastolic Blood Pressure Sitting |
| 1164545 | Systolic Blood Pressure Sitting |
| 1164548 | Systolic Blood Pressure Standing |
| 1164551 | Diastolic Blood Pressure Standing |
| 1164554 | Pulse Sitting |
| 1164557 | Pulse Standing |
| 1164560 | Pulse Supine |
| 18244229 | Pain Present |
| 2670507 | Corrective Lenses |
| 26847707 | O2 Sat Resting/Exertion Alpha |
| 2700541 | Heart Rate Monitored |
| 3316585 | Primary Pain Location |
| 3320080 | Menstrual Status |
| 40050733 | How often do you drink alcohol |
| 40050757 | How many alcoholic drinks per day |
| 4154120 | Weight Measured |
| 4154123 | Weight Dosing |
| 4154135 | Weight Estimated |
| 4154126 | Height/Length Measured |
| 4157752 | Temperature Temporal Artery |
| 4247435 | Numeric Pain Score (0-10) |
| 703306 | Mean Arterial Pressure, Cuff |
| 703498 | Oxygen Saturation |
| 703501 | Systolic Blood Pressure |
| 703511 | Peripheral Pulse Rate |
| 703516 | Diastolic Blood Pressure |
| 703526 | Temperature Tympanic |
| 703540 | Respiratory Rate |
| 703691 | Heart Rhythm |
| 704770 | Tobacco Last Use |
| 711255 | Last Menstrual Period |
| 711643 | Eye, Right Visual Acuity |
| 711646 | Eye, Left Visual Acuity |

All records were provided with the initial batch of data. Thereafter, new and changed records are sent each week.

1. UPDATE PROCESS

The primary key for the Vitals table is the clinical\_event\_key field. During the extraction of the raw Vitals records, de-duplication of records, or anytime a clinical\_event\_key collision occurs between incoming data and existing master data, the processor de-duplicates data by selecting the record with the most recent value of the update date/time (UPDT\_DT\_TM) for any multiple of records with the same primary key. Similar update processes are applied to the other raw data sets.

Once the raw data has been updated, the processor combines them as described here and assigns many other internally-derived variables as described in Table 2.

1. FIELD TRANSFORMATIONS AND DELETIONS FOR MDR CORE DATABASE

This section of this functional specification describes the data merges that are necessary to append fields in the MDR Genesis Referral file. Table 1 describes additional files that are used in processing.

| **Merge** | **Date Matching** | **Additional Matching** |
| --- | --- | --- |
| Code Value Outbound Reference |  | health\_system\_source\_id = 18635 and active\_ind = 1 |
| Encounter Flat File (for M2) |  | encounter\_sk from Encounter file= encounter\_sk from Clinical Events, where enc\_type\_class not in (“Recurring”, “Inpatient”) or MEPRS\_cd = BIA |
| MDR Genesis Person File |  | person\_sk |
| Master Person Index (MPI) |  | edipn, ssn, gender\_r, dob\_r, last\_name, first\_name |
| Longitudinal VM6 (LVM6) | admit\_dt\_tm between the begin and end dates associated with the segment | EDIPN from LVM6 = EDIPN retrieved from Personnel |
| OMNI CAD | FY and FM of CAD = admit\_dt\_tm | patzip, sponsvc |
| DMIS ID Index | FY = visit\_dt\_enc | MTF and denrsite (2 separate merges) |

Raw clinical event data in MHS Genesis are stored as one row per clinical event. For the MDR, these clinical events are “flattened” to represent one row per encounter.

Business rules for each of the appended fields are described in the body of the format table in Section VII.

The table below reflects the fields as they exist in the Vitals following processing. Other fields may be created to facilitate processing, but should not be included in the public use MDR file when it is posted. The public use MDR file is broken out by fiscal year based on encounter date and each is saved as a SAS dataset in the MDR.

**Table 2: Fields in the MDR Genesis VITALS**

|  | **Format** | **SAS Name** | **Source Element** | **Transformation** |
| --- | --- | --- | --- | --- |
| **Fields from the Encounter Flat File** | | | | |
| Genesis Person ID | $100 | person\_sk | person\_sk | No transformation |
| Genesis Encounter ID | $100 | encounter\_sk | encounter\_sk | No transformation |
| **Fields from the Encounter Flat File** | | | | |
| Financial Number | $40 | financial\_nbr | fin | No Transformation |
| Genesis Encounter ID | $100 | encounter\_sk | encounter\_sk | No transformation |
| Treatment MEPRS Code | $4 | meprscd | meprscd | No transformation |
| Treatment MTF | $4 | mtf | mtf | No transformation |
| Treatment Parent MTF | $4 | mtf\_parent | mtf\_parent | No transformation |
| Encounter Type | $42 | encounter\_type | encounter\_type | No transformation |
| Calendar Year | $4 | cy | cy | No Transformation |
| Calendar Month | $2 | cm | cm | No Transformation |
| Fiscal Year | $4 | fy | fy | No Transformation |
| Fiscal Month | $2 | fm | fm | No Transformation |
| Encounter Date | $8 | visit\_dt\_enc | visit\_dt | No transformation |
| Primary Provider Assigned DMIS ID | $4 | prov\_assig\_dmisid | prov\_mtfd\_prim | No transformation |
| Primary Provider EDIPN | $10 | prov\_edipn | prov\_edipn\_prim | No transformation |
| Primary Provider Primary HIPAA Taxonomy | $10 | hipaa\_tax | prov\_hipaa\_prim | No transformation |
| Primary Provider NPI | $10 | prov\_npi | prov\_npi\_prim | No transformation |
| Primary Provider Skill Type | $1 | prov\_st | skillh\_prim | No transformation |
| **Fields from MHS Genesis Person File** | | | | |
| Person EDIPN | $10 | edipn | edipn | No Transformation |
| SSN | $9 | ssn | ssn | No Transformation |
| First Name | $100 | first\_name | first\_name | No Transformation |
| Last Name | $100 | last\_name | last\_name | No Transformation |
| MRN | $40 | mrn | mrn | No Transformation |
| IPI | $10 | Ipi | Ipi | No Transformation |
| Gender of Record | $10. | gender\_r | gender | No Transformation |
| Date and Time of Birth of Record | Date/Time | dob\_r | dob | No Transformation |
| ZIP Code of Record | $25 | patzip\_r | zip | No Transformation |
| Test Person Indicator | 8 | test\_person\_ind | test\_record\_ind | No Transformation |
| **Fields from the MPI** | | | | |
| Sponsor SSN | $9 | sponssn | spssn | If a record is found in the MPI with matching EDIPN or Patient SSN, fill with the Sponsor SSN from the MPI. |
| Person Association Reason Code | $2 | parc | parc | If a record is found in the MPI with matching EDIPN or Patient SSN, fill with the PARC for the relationship between this patient and the sponsor on that record. |
| **Fields from the LVM6** | | | | |
| Gender | $1 | gender | gender | Fill with gender associated with this EDIPN. If not found and gender\_r = F or M, set to gender\_r. |
| Date of Birth | SAS Date | patdob | patdob | Fill with date of birth associated with this EDIPN |
| Marital Status of Record | $20 | marital | marital | No Transformation |
| DEERS Sponsor Service Aggregate | $1 | sponsvc | sponsvc | Fill with sponsvc code if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| DEERS Health Care Delivery Program Code – Enrolled | $3 | hcdp | hcdp | Fill with enrollment HCDP code if the visit\_dt\_enc is between the begin and end date associated with the enrollment HCDP code. |
| DEERS Alternate Care Value | $1 | acv | acv | Fill with acv if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| ACV Group | $2 | acvgroup | acvgroup | Derived from ACV and comben (before 1/1/18) or enrollment group, PCM type, eligibility group, and comben (after 1/1/18). If there is no match for this patient in the LVM, set to O. See VM6 Specification, section G.3 for derivation. |
| DEERS Enrollment DMIS ID | $4 | denrsite | denrsite | Fill with denrsite if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| DEERS Beneficiary Category | $3 | bencat | bencat | Fill with bencat if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| DEERS Common Beneficiary Category | $1 | comben | comben | Fill with comben if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| DEERS Zip Code | $5 | patzip | patzip | Fill with patzip if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| Race of Record | $41 | race | race | No Transformation |
| Ethnic Group of Record | $1 | ethnic | ethnic | No Transformation |
| Enrollment Group | $1 | enr\_grp | enr\_grp | Fill with enr\_grp if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| Eligibility Group | $1 | elg\_grp | elg\_grp | Fill with elg\_grp if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| PCM ID | $18 | pcmid | pcmid | Fill with PCM ID if the visit\_dt\_enc on the vitals record is between the begin and end dates associated with the PCM ID. See VM6 Specification, Exhibits G-18 and 19 for segment and field positions. |
| PCM Type | $1 | pcm\_type | pcm\_type | Fill with Enrollment PCM Type if the visit\_dt\_enc on the vitals record is between the begin and end date associated with the Enrollment PCM Type. If the visit\_dt\_enc is on or after 1/1/18 and the visit\_dt\_enc is outside of the dates associated with the Enrollment Group, or there is no match for this patient in the LVM, set to Z. If the visit\_dt\_enc is before 1/1/18, set to blank. See VM6 Specification, Exhibit G-19 for segment and field positions. |
| Medicare Eligibility Flag | $1 | medicare\_flag | medicare\_flag | Fill with Medicare Eligibility Code if the visit\_dt\_enc on the vitals record is between the begin and end date associated with the Medicare Eligibility Code. If the visit\_dt\_enc is outside of the dates associated with the Medicare Flag, or there is no match for this patient in the LVM, set to N. See VM6 Specification, Exhibits G-18 and 19 for segment and field positions. |
| Privilege Code | $1 | privilege | privilege | Fill with Medical Privilege Code if the visit\_dt\_enc on the vitals record is between the begin and end date associated with the Medical Privilege Code. If the visit\_dt\_enc is outside of the dates associated with the Privilege Code, or there is no match for this patient in the LVM, set to 9. See VM6 Specification, Exhibits G-18 and 19 for segment and field positions. |
| HCDP - Assigned | $3 | hcdp\_assgn | hcdp\_assgn | Fill with hcdp\_assgn if the visit\_dt\_enc is between the begin and end date associated with the enrollment record. |
| **Fields from the DMIS ID Index Table (merging by mtf)** | | | | |
| Treatment Service | $1 | txsvc | ubu\_svc | After matching on fy and mtf, set to ubu\_svc |
| Treatment Parent DMIS ID | $4 | mtf\_parent | ubu\_par | After matching on fy and mtf, set to ubu\_par |
| Treatment T3 Region | $2 | mtf\_t3\_reg | t3\_reg | After matching on fy and mtf, set to t3\_reg |
| Treatment T17 Region | $2 | mtf\_t17\_reg | t17\_reg | After matching on fy and mtf, set to t17\_reg |
| Treatment Major Command | $8 | txcmnd | majcmnd | After matching on fy and mtf, set to majcmnd |
| Treatment MSM Area ID | $3 | txmsma | msm\_id | After matching on fy and mtf, set to msm\_id |
| **Fields from the DMIS ID Index Table (merging by denrsite)** | | | | |
| Enrollment Service | $1 | enrsvc | ubu\_svc | After matching on fy and denrsite, set to ubu\_svc |
| Enrollment Site Parent DMIS ID | $4 | enr\_parent | ubu\_par | After matching on fy and denrsite, set to ubu\_par |
| Enrollment T3 Region | $2 | enr\_t3\_reg | t3\_reg | After matching on fy and denrsite, set to t3\_reg |
| Enrollment T17 Region | $2 | enr\_t17\_reg | t17\_reg | After matching on fy and denrsite, set to t17\_reg |
| **Fields from the Omni-CAD** | | | | |
| Catchment Area ID | $4 | catch | catch | Based on matching FY, FM and patzip; if sponsvc = A then set equal to AWORLD, if sponsvc = F then set equal to FWORLD; if sponsvc in (M, N, V) then set equal to NWORLD, otherwise set equal to OWORLD. If zip code not found in MDR Omni-CAD, set equal to ‘0999’ |
| PRISM Area ID | $4 | prism | prism | Based on matching FY, FM and patzip; if sponsvc = A then set equal to APRISM, if sponsvc = F then set equal to FPRISM; if sponsvc in (M, N, V) then set equal to NPRISM, otherwise set equal to OPRISM. If zip code not found in MDR Omni-CAD, set equal to ‘0999’ |
| MTF Service Area ID | $4 | mtfsvcarea | mtfsvcarea | Based on matching FY, FM and patzip; if sponsvc = A then set equal to ABPA, if sponsvc = F then set equal to FBPA; if sponsvc in (M, N, V) then set equal to NBPA, otherwise set equal to OPRISM. If zip code not found in MDR Omni-CAD, set equal to ‘0999’ |
| T3 Residence Region | $2 | ben\_t3\_reg | t3\_reg | Based on matching FY, FM and patzip; Set equal to T3\_REG. If zip code not found in MDR Omni-CAD, leave blank. |
| T17 Residence Region | $2 | ben\_t17\_reg | t17\_reg | Based on matching FY, FM and patzip; Set equal to T17\_REG. If zip code not found in MDR Omni-CAD, leave blank. |
| **Internally Derived Fields** | | | | |
| Age Group | $1 | agegrp | N/A | If Patient Age is 0-4, set to A; if 5-14, B; if 18-24, C; if 25-34, D; if 35-44, F; if 45-64, G; if 65+, H; else X. |
| Alcohol Annoy |  | alcohol\_annoy | N/A | TBD |
| Alcohol Cut Down |  | alcohol\_cut\_down | N/A | TBD |
| Alcohol Eye Opener |  | alcohol\_eye\_opener | N/A | TBD |
| Alcohol Frequency | $80 | alcohol\_freq | N/A | If event\_code\_ref = 40050733 then fill with result\_value |
| Alcohol Use | $80 | alcohol\_use | N/A | If event\_code\_ref = 40050757 then fill with result\_value |
| Mean Arterial Pressure, Cuff | $6 | art\_pressure\_cuff | N/A | If event\_code\_ref = 703306 then fill with result\_value |
| Corrective Lenses | $80 | corr\_lenses | N/A | If event\_code\_ref = 2670507 then fill with result\_value |
| Diastolic Blood Pressure, no position reported | $6 | diastolic\_blank | N/A | If event\_code\_ref = 703516 then fill with result\_value |
| Sitting Diastolic Blood Pressure | $6 | diastolic\_sit | N/A | If event\_code\_ref = 1164542 then fill with result\_value |
| Standing Diastolic Blood Pressure | $6 | diastolic\_stand | N/A | If event\_code\_ref = 1164551 then fill with result\_value |
| Supine Diastolic Blood Pressure | $6 | diastolic\_supine | N/A | If event\_code\_ref = 1164539 then fill with result\_value |
| Heart Rate Monitored | $6 | heart\_rate\_mon | N/A | If event\_code\_ref = 2700541 then fill with result\_value |
| Height (in cm) | 8 | height\_cm | N/A | If event\_code\_ref = 4154126 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “centimeter” then fill with result\_value. Else convert height\_inches to height\_cm. Else leave blank. |
| Height (in inches) | 8 | height\_inches | N/A | If event\_code\_ref = 4154126 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “inch” then fill with result\_value. Else convert height\_cm to height\_inches. Else leave blank. |
| Last Menstrual Period | $80 | mens\_last | N/A | If event\_code\_ref = 711255 then fill with result\_value |
| Menstrual Status | $80 | mens\_stat | N/A | If event\_code\_ref = 3320080 then fill with result\_value |
| Oxygen Saturation | $6 | oxygen\_sat | N/A | If event\_code\_ref = 703498 then fill with result\_value |
| O2 Sat Resting/Exertion Alpha | $6 | oxygen\_sat\_rest | N/A | If event\_code\_ref = 26847707 then fill with result\_value |
| Pain | $80 | pain | N/A | If event\_code\_ref = 18244229 then fill with result\_value |
| Primary Pain Location | $80 | pain\_loc | N/A | If event\_code\_ref = 3316585 then fill with result\_value |
| Numeric Pain Score (0-10) | $80 | pain\_num | N/A | If event\_code\_ref = 4247435 then fill with result\_value |
| Numeric Pain Score | $80 | pain\_score | N/A | If event\_code\_ref = 107856247 then fill with result\_value |
| Patient Age | 8 | patage | N/A | Age in years from date of birth (from DEERS) to appointment date. If date of birth from DEERS is not available, use dob\_r. |
| Peak Flow |  | peak\_flow | N/A | TBD |
| Peripheral Pulse Rate | $6 | pulse\_periph | N/A | If event\_code\_ref = 703511 then fill with result\_value |
| Sitting Heart Rate | $6 | pulse\_sit | N/A | If event\_code\_ref =1164554 then fill with result\_value |
| Standing Heart Rate | $6 | pulse\_stand | N/A | If event\_code\_ref =1164557 then fill with result\_value |
| Supine Heart Rate | $6 | pulse\_supine | N/A | If event\_code\_ref =1164560 then fill with result\_value |
| Recent BMI | $1 | recent\_bmi | N/A | Sort data by encounter\_sk and and visit\_dt\_enc (within each FY). Find the latest record where both HEIGHT\_INCHES and WEIGHT\_LBS are populated, and where HEIGHT\_INCHES < 100 in. and WEIGHT\_LBS < 1,000 lbs. This record will have RECENT\_BMI = "Y". All other records in that fiscal year have RECENT\_BMI = "N". |
| Respiratory Rate | $3 | resp\_rate | N/A | If event\_code\_ref = 703540 then fill with result\_value |
| Respiratory Rate | $6 | resp\_rate | N/A | If event\_code\_ref = 703540 then fill with result\_value |
| Heart Rhythm, no position reported | $80 | rhythm\_id\_blank | N/A | If event\_code\_ref = 703691 then fill with result\_value |
| Sitting Heart Rhythm |  | rhythm\_id\_sit | N/A | TBD |
| Standing Heart Rhythm |  | rhythm\_id\_stand | N/A | TBD |
| Supine Heart Rhythm |  | rhythm\_id\_supine | N/A | TBD |
| Systolic Blood Pressure, no position reported | $6 | systolic\_blank | N/A | If event\_code\_ref = 703501 then fill with result\_value |
| Sitting Systolic Blood Pressure | $6 | systolic\_sit | N/A | If event\_code\_ref = 1164545 then fill with result\_value |
| Standing Systolic Blood Pressure | $6 | systolic\_stand | N/A | If event\_code\_ref = 1164548 then fill with result\_value |
| Supine Systolic Blood Pressure | $6 | systolic\_supine | N/A | If event\_code\_ref = 1164536 then fill with result\_value |
| Temperature Temporal Artery (in Celsius) | 8 | temp\_artery\_c | N/A | If event\_code\_ref = 4157752 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Degrees Centigrade" then fill with result\_value. Else convert temp\_artery\_f to temp\_artery\_c. Else leave blank. |
| Temperature Temporal Artery (in Fahrenheit) | 8 | temp\_artery\_f | N/A | If event\_code\_ref = 4157752 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Degrees Fahrenheit" then fill with result\_value. Else convert temp\_artery\_c to temp\_artery\_f. Else leave blank. |
| Temperature Site ID | $1 | temp\_site\_id | N/A | Any record with a populated tympanic temperature, has a temperature site id=E. Otherwise, this field is blank. |
| Tympanic Temperature (in Celsius) | 8. | temp\_tympanic\_c | N/A | If event\_code\_ref = 703526 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Degrees Centigrade" then fill with result\_value. Else convert temp\_tymp\_f to temp\_tymp\_c. Else leave blank. |
| Tympanic Temperature (in Fahrenheit) | 8. | temp\_tympanic\_f | N/A | If event\_code\_ref = 703526 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Degrees Fahrenheit" then fill with result\_value. Else convert temp\_tymp\_c to temp\_tymp\_f. Else leave blank. |
| Tobacco Used in Past 12 Months | $80 | tob\_12mon | N/A | If event\_code\_ref = 113087723 then fill with result\_value |
| Tobacco User | $80 | tobacco | N/A | If event\_code\_ref = 704770 then fill with result\_value |
| Tobacco Amount Used |  | tobacco\_amount | N/A | TBD |
| Tobacco Quit Desire |  | tobacco\_quit | N/A | TBD |
| Tobacco Type Used |  | tobacco\_type | N/A | TBD |
| Eye, Left Visual Acuity | $80 | vis\_acuity\_l | N/A | If event\_code\_ref = 711646 then fill with result\_value |
| Eye, Right Visual Acuity | $80 | vis\_acuity\_r | N/A | If event\_code\_ref = 711643 then fill with result\_value |
| Weight Dosing (Kg) | 8 | weight\_dosing\_kg | N/A | If event\_code\_ref = 4154123 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Kilogram" then fill with result\_value. Else convert weight\_dosing\_lb to weight\_dosing\_kg. Else leave blank. |
| Weight Dosing (Lb) | 8 | weight\_dosing\_lb | N/A | If event\_code\_ref = 4154123 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Pound" then fill with result\_value. Else convert weight\_dosing\_kg to weight\_dosing\_lb. Else leave blank. |
| Weight Estimated (Kg) | 8 | weight\_est\_kg | N/A | If event\_code\_ref = 4154135 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Kilogram" then fill with result\_value. Else convert weight\_est\_lb to weight\_est\_kg. Else leave blank. |
| Weight Estimated (Lb) | 8 | weight\_est\_lb | N/A | If event\_code\_ref = 4154135 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Pound" then fill with result\_value. Else convert weight\_est\_kg to weight\_est\_lb. Else leave blank. |
| Weight (in Kilograms) | 8 | weight\_kg | N/A | If event\_code\_ref = 4154120 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Kilogram" then fill with result\_value. Else convert weight\_lb to weight\_kg. Else leave blank. |
| Weight (in pounds) | 8 | weight\_lb | N/A | If event\_code\_ref = 4154120 and if format applied to result\_units\_ref from code\_value\_out\_ref where code\_set = 54 contains “Pound" then fill with result\_value. Else convert weight\_kg to weight\_lb. Else leave blank. |

1. REFRESH FREQUENCY

Weekly

1. DATA MARTS

N/A.

1. Special Outputs

N/A