

Table IA. Demographic Summary

This table contains general descriptive information about the patients in the DEMOGRAPHIC table. These patients may or may not be represented in other CDM tables.

| | N | % | Source table |
|----------------------|-----------|------|--------------------|
| Patients | 1,734,872 | | DEM_L3_N |
| Age | | | DEM_L3_AGEYRSDIST1 |
| Mean | 47 | | |
| Median | 48 | | |
| Age group | | | DEM_L3_AGEYRSDIST2 |
| 0-4 | 38,786 | 2.2 | |
| 5-14 | 97,121 | 5.6 | |
| 15-21 | 97,135 | 5.6 | |
| 22-64 | 1,010,707 | 58.2 | |
| 65+ | 422,622 | 24.4 | |
| Missing | 68,501 | 3.9 | |
| Hispanic | | | DEM_L3_HISPDIST |
| N (No) | 1,424,905 | 82.1 | |
| Y (Yes) | 90,320 | 5.2 | |
| Missing or Refused | 219,647 | 12.6 | |
| Sex | | | DEM_L3_SEXDIST |
| F (Female) | 923,846 | 53.3 | |
| M (Male) | 808,293 | 46.6 | |
| Missing or Ambiguous | 2,733 | 0.1 | |
| Race | | | DEM_L3_RACEDIST |
| White | 1,161,404 | 66.9 | |
| Non-White | 285,186 | 16.4 | |
| Missing or Refused | 288,282 | 16.7 | |

The four 'flavors of null' defined in the CDM are combined in the missing categories shown here, but details are available in the source tables.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Sums which include BT values are marked with an asterisk (*), either accompanying the sum of all above-threshold values or alone if all values are BT.

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.

Percentages are sums of the percentages in the source table and are subject to rounding errors.

Race distribution is shown for all patients and for patients seen after Meaningful Use standards were widely implemented.

Table IA. Demographic Summary (continued)

This table contains general descriptive information about the patients in the DEMOGRAPHIC table. These patients may or may not be represented in other CDM tables.

| | N | % | Source table |
|---|-----------|-------|-------------------|
| Race among patients with at least 1 encounter after December 2011 | | | XTBL_L3_RACE_ENC |
| White | 989,713 | 68.4 | |
| Non-White | 239,866 | 16.6 | |
| Missing or Refused | 216,813 | 15.0 | |
| Gender Identity | | | DEM_L3_GENDERDIST |
| GQ (Genderqueer/Non-Binary) | 0 | 0.0 | |
| M (Man) | 0 | 0.0 | |
| W (Woman) | 0 | 0.0 | |
| MU (Multiple gender categories), SE (Something else), TF (Transgender female/Trans woman/Male-to-female), or TM (Transgender male/Trans man/Female-to-male) | 0 | 0.0 | |
| Missing or Refused | 1,734,872 | 100.0 | |
| Sexual Orientation | | | DEM_L3_ORIENTDIST |
| Bisexual | 0 | 0.0 | |
| Gay | 0 | 0.0 | |
| Lesbian | 0 | 0.0 | |
| Queer | 0 | 0.0 | |
| Straight | 0 | 0.0 | |
| AS (Asexual), MU (Multiple sexual orientations), SE (Something else), QS (Questioning) | 0 | 0.0 | |
| Missing or Refused | 1,734,872 | 100.0 | |

The four 'flavors of null' defined in the CDM are combined in the missing categories shown here, but details are available in the source tables.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Sums which include BT values are marked with an asterisk (*), either accompanying the sum of all above-threshold values or alone if all values are BT.

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.

Percentages are sums of the percentages in the source table and are subject to rounding errors.

Race distribution is shown for all patients and for patients seen after Meaningful Use standards were widely implemented.

Table IB. Potential Pools of Patients

This table illustrates the number of patients meeting different inclusion criteria and supports Data Check 3.04 (less than 50% of patients with encounters have DIAGNOSIS records) and Data Check 3.05 (less than 50% of patients with encounters have PROCEDURES records). Data check exceptions are highlighted in red and must be corrected.

| Metric | Metric Description | Result | Source table |
|---|--|---------|-----------------------|
| Potential pool of patients for observational studies | Number of unique patients with at least 1 ED, EI, IP, OS, TH, or AV encounter within the past 5 years | 853,633 | ENC_L3_DASH2 |
| Potential pool of patients for trials | Number of unique patients with at least 1 ED, EI, IP, OS, TH, or AV encounter within the past 1 year | 455,710 | ENC_L3_DASH2 |
| Potential pool of patients for studies requiring data on diagnoses, vital measures and (a) medications or (b) medications and lab results | Number of unique patients with at least 1 encounter and DIAGNOSIS and VITAL records within the past 5 years | 787,166 | XTBL_L3_DASH1 |
| | Number of unique patients with at least 1 encounter and DIAGNOSIS, VITAL, and PRESCRIBING or DISPENSING records within the past 5 years | 746,049 | XTBL_L3_DASH2 |
| | Number of unique patients with at least 1 encounter and DIAGNOSIS, VITAL, PRESCRIBING or DISPENSING, and LAB_RESULT_CM records within the past 5 years | 550,874 | XTBL_L3_DASH3 |
| Patients with diagnosis data | Percentage of patients with encounters who have at least 1 diagnosis | 85% | ENC_L3_N; DIA_L3_N |
| Patients with procedure data | Percentage of patients with encounters who have at least 1 procedure | 80% | ENC_L3_N; PRO_L3_N |

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Sums which include BT values are marked with an asterisk (*), either accompanying the sum of all above-threshold values or alone if all values are BT.

Table IC. Height, Weight, and Body Mass Index

This table contains descriptive statistics and frequencies of VITAL measurements.

| | Result | % | Source table |
|------------------------------------|------------|------|----------------|
| Height measurements | | | VIT_L3_HT_DIST |
| Records | 6,303,259 | | |
| Height (inches), mean | 65 | | |
| Height (inches), median | 66 | | |
| Weight measurements | | | VIT_L3_WT_DIST |
| Records | 11,025,025 | | |
| Weight (lbs.), mean | 180 | | |
| Weight (lbs.), median | 178 | | |
| Body Mass Index (BMI) measurements | | | VIT_L3_BMI |
| Records | 10,413,289 | | |
| BMI <=25 | 3,305,092 | 31.7 | |
| BMI 26-30 | 3,007,474 | 28.9 | |
| BMI >=31 | 4,100,723 | 39.4 | |

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Sums which include BT values are marked with an asterisk (*), either accompanying the sum of all above-threshold values or alone if all values are BT.

Table 1D. Records, Refresh Dates, Patients, Encounters, and Date Ranges by Table

This table displays record counts and refresh dates for all populated tables, and summary counts and date ranges for the characterized data. The characterized data may be a subset of all data for all tables except for DEMOGRAPHIC, DEATH_CAUSE, HASH_TOKEN, LAB_HISTORY, LDS_ADDRESS_HISTORY, and PROVIDER. Differences are due to the lookback date restriction and/or the exclusion of LOINC codes that may contain PII from the OBS_CLIN, OBS_GEN, LAB_RESULT_CM and PRO_CM tables. These data support Data Check 1.18 (table refresh dates are not documented). Data check exceptions are highlighted in red and must be corrected.

| Table | All Data | | Characterized Data | | | Characterized Data Range | | | Source Tables |
|---------------|-------------|--------------|--------------------|-----------|------------|--------------------------|----------------|-----------------|------------------------------|
| | Records | Refresh Date | Records | Patients | Encounters | Field name | 5th Percentile | 95th Percentile | |
| DEMOGRAPHIC | 1,734,872 | 16APR2023 | 1,734,872 | 1,734,872 | --- | BIRTH_DATE | 1939_Nov | 2013_May | DEM_L3_N; XTBL_L3_DATES |
| ENROLLMENT | 1,734,872 | 16APR2023 | 1,446,392 | 1,446,392 | --- | ENR_START_DATE^ | 2004_Aug | 2022_Aug | ENR_L3_N; XTBL_L3_DATES |
| ENCOUNTER | 125,851,983 | 16APR2023 | 92,760,520 | 1,446,392 | 92,760,520 | ADMIT_DATE | 2013_Dec | 2022_Nov | ENC_L3_N; XTBL_L3_DATES |
| DIAGNOSIS | 296,513,312 | 16APR2023 | 246,255,766 | 1,228,564 | 45,393,623 | ADMIT_DATE | 2014_Feb | 2022_Nov | DIA_L3_N; XTBL_L3_DATES |
| PROCEDURES | 250,148,940 | 16APR2023 | 200,848,688 | 1,162,228 | 34,979,293 | ADMIT_DATE | 2013_Dec | 2022_Sep | PRO_L3_N; XTBL_L3_DATES |
| DEATH | 125,833 | 16APR2023 | 125,833 | 125,833 | --- | DEATH_DATE | 2013_Aug | 2022_Oct | DEATH_L3_N; XTBL_L3_DATES |
| VITAL | 69,098,920 | 16APR2023 | 55,163,048 | 1,114,134 | 28,433,538 | MEASURE_DATE | 2013_Dec | 2022_Nov | VIT_L3_N; XTBL_L3_DATES |
| LAB_RESULT_CM | 315,690,183 | 16APR2023 | 222,450,731 | 875,080 | 8,126,828 | RESULT_DATE | 2013_Dec | 2022_Nov | LAB_L3_N; XTBL_L3_DATES |
| PRESCRIBING | 72,464,231 | 16APR2023 | 65,346,599 | 902,778 | 16,014,662 | RX_ORDER_DATE | 2013_Dec | 2022_Nov | PRES_L3_N; XTBL_L3_DATES |

^The lookback date for ENROLLMENT considers either ENR_START_DATE or ENR_END_DATE, but only ENR_START_DATE is displayed here. Descriptive statistics for ENR_END_DATE are available in the XTBL_L3_DATES dataset.

In the All Data columns, records comes from the DATAMART_ALL table and Refresh Date comes from the XTBL_L3_REFRESH_DATE table.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Records are the sum of ALL_N and NULL_N for the field which is the primary key for the table. Patients are the sum of DISTINCT_N and NULL_N for the PATID field. Encounters are the sum of DISTINCT_N and NULL_N for the ENCOUNTERID field.

Table 1D. Records, Refresh Dates, Patients, Encounters, and Date Ranges by Table (continued - page 2 of 3)

This table displays record counts and refresh dates for all populated tables, and summary counts and date ranges for the characterized data. The characterized data may be a subset of all data for all tables except for DEMOGRAPHIC, DEATH_CAUSE, HASH_TOKEN, LAB_HISTORY, LDS_ADDRESS_HISTORY, and PROVIDER. Differences are due to the lookback date restriction and/or the exclusion of LOINC codes that may contain PII from the OBS_CLIN, OBS_GEN, LAB_RESULT_CM and PRO_CM tables. These data support Data Check 1.18 (table refresh dates are not documented). Data check exceptions are highlighted in red and must be corrected.

| Table | All Data | | Characterized Data | | | Characterized Data Range | | | Source Tables |
|---------------|-------------|--------------|--------------------|----------|------------|--------------------------|----------------|-----------------|--------------------------------|
| | Records | Refresh Date | Records | Patients | Encounters | Field name | 5th Percentile | 95th Percentile | |
| DISPENSING | 385,474,344 | 16APR2023 | 361,397,121 | 985,849 | --- | DISPENSE_DATE | 2014_Oct | 2022_Aug | DISP_L3_N; XTBL_L3_DATES |
| CONDITION | 12,849,570 | 16APR2023 | 11,237,799 | 676,058 | 2,351,170 | REPORT_DATE | 2013_Oct | 2022_Dec | COND_L3_N; XTBL_L3_DATES |
| PROVIDER | 66,823 | 16APR2023 | 66,823 | --- | --- | --- | --- | --- | PROV_L3_N |
| MED_ADMIN | 81,363,912 | 16APR2023 | 77,037,904 | 662,063 | 4,296,061 | MEDADMIN_ START_DATE | 2013_Dec | 2022_Nov | MEDADM_L3_N; XTBL_L3_DATES |
| OBS_CLIN | 12,545,678 | 16APR2023 | 12,133,360 | 319,228 | 1,023,417 | OBSCLIN_START_ DATE | 2014_Jan | 2022_Nov | OBSCLIN_L3_N; XTBL_L3_DATES |
| OBS_GEN | 25,933 | 16APR2023 | 25,933 | 17,397 | 20,863 | OBSGEN_START_ DATE | 2020_Feb | 2023_Jan | OBSGEN_L3_N; XTBL_L3_DATES |
| PCORNET_TRIAL | 660 | 16APR2023 | 660 | 660 | --- | --- | --- | --- | TRIAL_L3_N |

^The lookback date for ENROLLMENT considers either ENR_START_DATE or ENR_END_DATE, but only ENR_START_DATE is displayed here. Descriptive statistics for ENR_END_DATE are available in the XTBL_L3_DATES dataset.

In the All Data columns, records comes from the DATAMART_ALL table and Refresh Date comes from the XTBL_L3_REFRESH_DATE table.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Records are the sum of ALL_N and NULL_N for the field which is the primary key for the table. Patients are the sum of DISTINCT_N and NULL_N for the PATID field. Encounters are the sum of DISTINCT_N and NULL_N for the ENCOUNTERID field.

Table 1D. Records, Refresh Dates, Patients, Encounters, and Date Ranges by Table (continued - page 3 of 3)

This table displays record counts and refresh dates for all populated tables, and summary counts and date ranges for the characterized data. The characterized data may be a subset of all data for all tables except for DEMOGRAPHIC, DEATH_CAUSE, HASH_TOKEN, LAB_HISTORY, LDS_ADDRESS_HISTORY, and PROVIDER. Differences are due to the lookback date restriction and/or the exclusion of LOINC codes that may contain PII from the OBS_CLIN, OBS_GEN, LAB_RESULT_CM and PRO_CM tables. These data support Data Check 1.18 (table refresh dates are not documented). Data check exceptions are highlighted in red and must be corrected.

| Table | All Data | | Characterized Data | | | Characterized Data Range | | | Source Tables |
|---------------------|-----------|--------------|--------------------|-----------|------------|--------------------------|----------------|-----------------|-------------------------------|
| | Records | Refresh Date | Records | Patients | Encounters | Field name | 5th Percentile | 95th Percentile | |
| HASH_TOKEN | 1,734,872 | 16APR2023 | 1,734,872 | 1,734,872 | --- | --- | --- | --- | HASH_L3_N |
| LDS_ADDRESS_HISTORY | 1,689,354 | 16APR2023 | 1,689,354 | 1,689,354 | --- | --- | --- | --- | LDSADRS_L3_N |
| IMMUNIZATION | 9,252,851 | 16APR2023 | 8,633,660 | 674,444 | 1,835,400 | VX_RECORD_DATE | 2014_Feb | 2023_Jan | IMMUNE_L3_N; XTBL_L3_DATES |

^The lookback date for ENROLLMENT considers either ENR_START_DATE or ENR_END_DATE, but only ENR_START_DATE is displayed here. Descriptive statistics for ENR_END_DATE are available in the XTBL_L3_DATES dataset.

In the All Data columns, records comes from the DATAMART_ALL table and Refresh Date comes from the XTBL_L3_REFRESH_DATE table.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Records are the sum of ALL_N and NULL_N for the field which is the primary key for the table. Patients are the sum of DISTINCT_N and NULL_N for the PATID field. Encounters are the sum of DISTINCT_N and NULL_N for the ENCOUNTERID field.

Table IE. Records Per Table By Encounter Type

This table contains record counts by encounter type for the ENCOUNTER, DIAGNOSIS, and PROCEDURES tables.

| Encounter Type | ENCOUNTER | | DIAGNOSIS | | PROCEDURES | |
|---|----------------|------|----------------|------|----------------|------|
| | N | % | N | % | N | % |
| AV (Ambulatory Visit) | 23,589,216 | 25.4 | 130,071,660 | 52.8 | 67,908,564 | 33.8 |
| ED (Emergency Dept) | 1,354,193 | 1.5 | 9,131,419 | 3.7 | 11,525,954 | 5.7 |
| EI (ED to IP Stay) | 236,641 | 0.3 | 17,239,074 | 7.0 | 40,591,116 | 20.2 |
| IC (Institutional Professional Consult) | 42,128 | 0.0 | 1,020,462 | 0.4 | 207,880 | 0.1 |
| IP (Inpatient Hospital Stay) | 243,930 | 0.3 | 11,417,605 | 4.6 | 32,610,026 | 16.2 |
| IS (Non-acute Institutional Stay) | 763 | 0.0 | 1,224 | 0.0 | 74 | 0.0 |
| OA (Other Ambulatory Visit) | 31,309,502 | 33.8 | 31,980,566 | 13.0 | 17,778,928 | 8.9 |
| OS (Observation Stay) | 170,485 | 0.2 | 2,965,647 | 1.2 | 6,532,724 | 3.3 |
| TH (Telehealth) | 801,586 | 0.9 | 3,429,717 | 1.4 | 794,996 | 0.4 |
| Missing, NI, UN or OT | 35,012,076 | 37.7 | 38,998,392 | 15.8 | 22,898,426 | 11.4 |
| Total | 92,760,520 | | 246,255,766 | | 200,848,688 | |
| Source table | ENC_L3_ENCTYPE | | DIA_L3_ENCTYPE | | PRO_L3_ENCTTPE | |

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Table IIID. Encounters Per Visit and Per Patient

This table shows the number of encounters, patients, encounters per patient, visits (unique encounters per patient, provider, encounter type, and day), and encounters per visit by encounter type. These data support Data Check 2.04 (the average number of encounters per visit is > 2.0 for inpatient (IP), emergency department (ED), or ED to inpatient (EI) encounters). A high number of encounters per visit may signal potential redundancy or duplication. Data check exceptions are highlighted in blue and should be investigated and explained in the ETL ADD.

| Encounter Type | Encounters | Patients | Encounters per Patient | Encounters with known PROVIDERID | Visit (unique combinations of PATID, ENC_TYPE, ADMIT_DATE, and PROVIDERID) | Encounters with known PROVIDERID per visit | Source table |
|---|------------|-----------|------------------------|----------------------------------|--|--|----------------|
| AV (Ambulatory Visit) | 23,589,216 | 944,185 | 25.0 | 15,965,509 | 15,835,120 | 1.01 | ENC_L3_ENCTYPE |
| ED (Emergency Dept) | 1,354,193 | 502,237 | 2.7 | 1,929 | 1,923 | 1.00 | ENC_L3_ENCTYPE |
| EI (ED to IP Stay) | 236,641 | 116,380 | 2.0 | 236,322 | 236,319 | 1.00 | ENC_L3_ENCTYPE |
| IC (Institutional Professional Consult) | 42,128 | 27,287 | 1.5 | 23,436 | 23,352 | 1.00 | ENC_L3_ENCTYPE |
| IP (Inpatient Hospital Stay) | 243,930 | 171,446 | 1.4 | 241,826 | 241,245 | 1.00 | ENC_L3_ENCTYPE |
| IS (Non-acute Institutional Stay) | 763 | 575 | 1.3 | 763 | 747 | 1.02 | ENC_L3_ENCTYPE |
| OA (Other Ambulatory Visit) | 31,309,502 | 1,062,153 | 29.5 | 31,294,162 | 29,532,392 | 1.06 | ENC_L3_ENCTYPE |
| OS (Observation Stay) | 170,485 | 112,790 | 1.5 | 168,730 | 168,028 | 1.00 | ENC_L3_ENCTYPE |
| TH (Telehealth) | 801,586 | 232,913 | 3.4 | 754,789 | 750,815 | 1.01 | ENC_L3_ENCTYPE |
| Missing, NI, UN or OT | 35,012,076 | 1,881,326 | 18.6 | 33,919,914 | 32,733,052 | 1.04 | ENC_L3_ENCTYPE |

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Sums which include BT values are marked with an asterisk (*), either next to the sum of the above-threshold values or alone if all values are BT.