

**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	4,974,441		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	39		
Median	38		
Age group			DEM_L3_AGEYRSDIST2
0-4	224,445	4.5	
5-14	715,303	14.3	
15-21	497,128	10.0	
22-64	2,652,956	53.3	
65+	884,009	17.7	
Missing	600	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	2,068,336	41.6	
Y (Yes)	1,238,522	24.9	
Missing or Refused	1,667,583	33.5	
Sex			DEM_L3_SEXDIST
F (Female)	2,655,758	53.4	
M (Male)	2,272,456	45.7	
Missing or Ambiguous	46,227	0.9	
Race			DEM_L3_RACEDIST
White	2,274,995	45.7	
Non-White	825,224	16.6	
Missing or Refused	1,874,222	37.7	

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	2,118,079	47.9	
Non-White	767,851	17.2	
Missing or Refused	1,535,372	34.7	
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	4,974,441	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	4,974,441	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 2.09 (Less than 80% of patients with a face-to-face encounter during the past 5 years have at least 1 face-to-face diagnosis and 1 vital measurement), 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 to 3/04 and 3.05 are highlighted in red and must be corrected; data check exceptions to 2.09 are highlighted in blue and must be explained in the ETL ADD.

Metric	Metric Description	Result	Percent	Source table
All patients	Number of unique patients in the DEMOGRAPHIC table	4,974,441		DEM_L3_N
Potential pool of patients for observational studies	Number of unique patients with at least 1 face-to-face (ED, EI, IP, OS, or AV) encounter within the past 5 years	887,018	18%	ENC_L3_DASH2
Potential pool of patients for trials	Number of unique patients with at least 1 face-to-face (ED, EI, IP, OS, or AV) encounter within the past 1 year	373,902	8%	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 DIAGNOSIS face-to-face encounter and VITAL records within the past 5 years	626,931	71%	XTBL_L3_DASH1
	Number of unique patients with at least 1 DIAGNOSIS face-to-face encounter, VITAL, and PRESCRIBING or MED_ADMIN records within the past 5 years	567,875	64%	XTBL_L3_DASH2
	Number of unique patients with at least 1 DIAGNOSIS face-to-face encounter, VITAL, PRESCRIBING or MED_ADMIN, and LAB_RESULT_CM records within the past 5 years	411,870	46%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	68%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	62%		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	6,189,294		
Height (inches), mean	66		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	6,705,873		
Weight (lbs.), mean	180		
Weight (lbs.), median	175		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	6,700,305		
BMI <=25	2,421,824	36.1	
BMI 26-30	2,092,982	31.2	
BMI >=31	2,185,499	32.6	

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	4,974,441	26SEP2023	4,974,441	4,974,441	---	BIRTH_DATE	1943_Jul	2018_May	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,487,556	26SEP2023	1,487,556	1,487,556	---	ENR_START_DATE^	2010_Feb	2022_Dec	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	161,837,569	26SEP2023	130,722,200	4,421,302	130,722,200	ADMIT_DATE	2014_Jul	2023_May	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	230,682,832	26SEP2023	190,237,647	3,025,248	50,932,864	ADMIT_DATE	2014_Jun	2023_May	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	208,034,467	26SEP2023	164,884,940	2,739,110	31,731,891	ADMIT_DATE	2014_May	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	46,660	26SEP2023	46,660	46,660	---	DEATH_DATE	2014_Aug	2023_Apr	DEATH_L3_N; XTBL_L3_DATES
VITAL	9,671,636	26SEP2023	8,134,105	988,827	8,134,105	MEASURE_DATE	2014_Jul	2023_Jun	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	264,379,177	26SEP2023	223,184,446	932,812	5,638,831	RESULT_DATE	2014_Aug	2023_May	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	71,257,341	26SEP2023	60,753,068	922,148	11,967,212	RX_ORDER_DATE	2014_Jul	2023_May	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	221,713,921	26SEP2023	208,326,222	1,744,471	---	DISPENSE_DATE	2015_Mar	2023_Feb	DISP_L3_N; XTBL_L3_DATES
CONDITION	8,693,133	26SEP2023	6,509,065	855,954	2,418,337	REPORT_DATE	2014_Jun	2023_Mar	COND_L3_N; XTBL_L3_DATES
PROVIDER	102,738	26SEP2023	102,738	---	---	---	---	---	PROV_L3_N
MED_ADMIN	72,843,324	26SEP2023	59,597,975	440,309	3,108,264	MEDADMIN_ START_DATE	2014_Jun	2023_May	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	39,492,570	26SEP2023	32,882,456	776,514	7,222,349	OBSCLIN_START_ DATE	2014_Jun	2023_May	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	13,452	26SEP2023	13,191	8,752	11,990	OBSGEN_START_ DATE	2015_Sep	2023_Mar	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	98	26SEP2023	98	98	---	---	---	---	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	4,974,441	26SEP2023	4,974,441	4,974,441	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	4,801,492	26SEP2023	4,801,492	4,801,492	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	3,517,623	26SEP2023	3,362,169	592,067	1,097,965	VX_RECORD_DATE	2016_Nov	2023_Jun	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)	23,653,038	18.1	78,253,309	41.1	48,004,065	29.1
ED (Emergency Dept)	708,226	0.5	5,079,637	2.7	3,972,599	2.4
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	610,526	0.5	12,489,863	6.6	35,027,767	21.2
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	15,057,623	11.5	5,341,077	2.8	1,663,833	1.0
OS (Observation Stay)	72,663	0.1	1,602,700	0.8	2,044,149	1.2
TH (Telehealth)	939,589	0.7	9,938,670	5.2	1,092,349	0.7
Missing, NI, UN or OT	89,680,535	68.6	77,532,391	40.8	73,080,178	44.3
Total	130,722,200		190,237,647		164,884,940	
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)	23,653,038	1,491,599	15.9	23,506,042	21,458,186	1.10	ENC_L3_ENCTYPE
ED (Emergency Dept)	708,226	353,473	2.0	707,920	660,021	1.07	ENC_L3_ENCTYPE
EI (ED to IP Stay)	0	0		0	0		ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	610,526	221,370	2.8	606,707	578,610	1.05	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	15,057,623	1,021,963	14.7	15,057,488	14,196,879	1.06	ENC_L3_ENCTYPE
OS (Observation Stay)	72,663	54,200	1.3	72,369	72,133	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	939,589	196,874	4.8	939,589	937,876	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	89,680,535	5,495,889	16.3	81,591,144	73,854,193	1.10	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.