

**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	4,404,563		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	38		
Median	35		
Age group			DEM_L3_AGEYRSDIST2
0-4	213,393	4.9	
5-14	618,182	14.1	
15-21	452,779	10.3	
22-64	2,368,583	53.8	
65+	751,626	17.1	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	3,271,799	74.3	
Y (Yes)	557,602	12.7	
Missing or Refused	575,162	13.1	
Sex			DEM_L3_SEXDIST
F (Female)	2,230,602	50.6	
M (Male)	2,171,917	49.3	
Missing or Ambiguous	2,044	0.0	
Race			DEM_L3_RACEDIST
White	3,624,369	82.3	
Non-White	240,088	5.4	
Missing or Refused	540,106	12.3	

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	3,312,289	83.6	
Non-White	218,902	5.5	
Missing or Refused	430,311	10.9	
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	4,404,563	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	4,404,563	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.

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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	4,404,563		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	3,114,287	71%	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	1,627,159	37%	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	2,660,769	85%	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	2,278,800	73%	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	1,805,617	58%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	99%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	98%		ENC_L3_N; PRO_L3_N

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**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	7,250,739		
Height (inches), mean	60		
Height (inches), median	65		
Weight measurements			VIT_L3_WT_DIST
Records	9,751,850		
Weight (lbs.), mean	148		
Weight (lbs.), median	155		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	22,377,540		
BMI <=25	9,584,253	42.8	
BMI 26-30	5,635,481	25.2	
BMI >=31	7,157,806	32.0	

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**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	4,404,563	01OCT2023	4,404,563	4,404,563	---	BIRTH_DATE	1941_Aug	2018_Aug	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	6,679,175	01OCT2023	6,048,971	3,964,127	---	ENR_START_DATE^	2010_Jan	2022_Oct	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	95,953,004	01OCT2023	74,122,955	3,961,502	74,122,955	ADMIT_DATE	2014_May	2023_Apr	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	295,659,735	01OCT2023	249,809,791	3,928,979	60,737,709	ADMIT_DATE	2014_Sep	2023_Jun	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	318,911,431	01OCT2023	237,293,247	3,880,197	60,658,883	ADMIT_DATE	2014_Apr	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	190,001	01OCT2023	190,001	190,001	---	DEATH_DATE	2014_Apr	2023_Apr	DEATH_L3_N; XTBL_L3_DATES
VITAL	119,336,838	01OCT2023	89,067,447	3,571,007	23,221,578	MEASURE_DATE	2014_Mar	2022_Dec	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	497,829,292	01OCT2023	429,649,084	2,856,189	2,379,242	RESULT_DATE	2014_May	2023_May	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	224,385,894	01OCT2023	215,796,001	3,190,182	16,982,714	RX_ORDER_DATE	2015_Dec	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	94,231,086	01OCT2023	93,465,389	1,157,873	---	DISPENSE_DATE	2014_Oct	2023_Jun	DISP_L3_N; XTBL_L3_DATES
CONDITION	35,344,006	01OCT2023	32,440,682	2,966,388	0	REPORT_DATE	2014_Aug	2023_May	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	200,816	01OCT2023	200,816	50,845	---	---	---	---	DEATHC_L3_N
PRO_CM	2,784,423	03JUL2023	2,543,533	484,396	0	PRO_DATE	2015_Mar	2023_Jun	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	41,145	01OCT2023	41,145	---	---	---	---	---	PROV_L3_N
OBS_CLIN	4,983,315	03JUL2023	4,360,346	228,913	0	OBSCLIN_START_DATE	2014_May	2020_Nov	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	1,063	01OCT2023	997	994	---	---	---	---	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	4,054,315	03JUL2023	4,054,315	4,054,315	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	9,041,914	01OCT2023	9,041,914	4,400,822	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	52,978,333	01OCT2023	27,595,129	2,991,161	1,306,833	VX_RECORD_DATE	2014_Jul	2022_Dec	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)	62,877,631	84.8	184,989,126	74.1	115,525,871	48.7
ED (Emergency Dept)	4,384,780	5.9	27,055,782	10.8	32,238,495	13.6
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	1,779,596	2.4	25,827,292	10.3	64,391,915	27.1
IS (Non-acute Institutional Stay)	7,589	0.0	79,213	0.0	233,505	0.1
OA (Other Ambulatory Visit)	3,175,129	4.3	6,788,969	2.7	9,805,408	4.1
OS (Observation Stay)	0		0		0	
TH (Telehealth)	0		0		0	
Missing, NI, UN or OT	1,898,230	2.6	5,069,409	2.0	15,098,053	6.4
Total	74,122,955		249,809,791		237,293,247	
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)	62,877,631	3,562,182	17.7	58,205,995	51,737,930	1.13	ENC_L3_ENCTYPE
ED (Emergency Dept)	4,384,780	1,686,890	2.6	4,351,842	4,347,732	1.00	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)	1,779,596	1,011,567	1.8	1,778,789	1,776,399	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	7,589	4,248	1.8	7,585	7,578	1.00	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	3,175,129	934,949	3.4	3,175,129	3,140,586	1.01	ENC_L3_ENCTYPE
OS (Observation Stay)	0	0		0	0		ENC_L3_ENCTYPE
TH (Telehealth)	0	0		0	0		ENC_L3_ENCTYPE
Missing, NI, UN or OT	1,898,230	842,124	2.3	1,824,854	1,796,536	1.02	ENC_L3_ENCTYPE

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