

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	1,938,681		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	50		
Median	50		
Age group			DEM_L3_AGEYRSDIST2
0-4	41,567	2.2	
5-14	106,979	5.5	
15-21	109,200	5.6	
22-64	1,097,739	56.7	
65+	582,900	30.1	
Missing	296	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	1,559,368	80.4	
Y (Yes)	107,749	5.6	
Missing or Refused	271,564	14.0	
Sex			DEM_L3_SEXDIST
F (Female)	1,029,356	53.1	
M (Male)	905,993	46.7	
Missing or Ambiguous	3,332	0.2	
Race			DEM_L3_RACEDIST
White	1,277,805	65.9	
Non-White	315,640	16.3	
Missing or Refused	345,236	17.8	

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.

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	1,051,698	66.8	
Non-White	259,010	16.4	
Missing or Refused	263,139	16.8	
Gender Identity			DEM_L3_GENDERDIST
GQ (Genderqueer/Non-Binary)	911	0.0	
M (Man)	95,915	4.9	
W (Woman)	146,063	7.5	
MU (Multiple gender categories), SE (Something else), TF (Transgender female/Trans woman/Male-to-female), or TM (Transgender male/Trans man/Female-to-male)	1,675	0.0	
Missing or Refused	1,694,117	87.4	
Sexual Orientation			DEM_L3_ORIENTDIST
Bisexual	4,153	0.2	
Gay	2,550	0.1	
Lesbian	1,760	0.1	
Queer	0	0.0	
Straight	166,650	8.6	
AS (Asexual), MU (Multiple sexual orientations), SE (Something else), QS (Questioning)	1,739	0.1	
Missing or Refused	1,761,655	90.9	

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.

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	%	Source table
All patients	Number of unique patients in the DEMOGRAPHIC table	1,938,681		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	907,982	47	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	499,470	26	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 record in a face-to-face setting and at least 1 VITAL record within the past 5 years	822,824	90.6	XTBL_L3_DASH1
	Number of unique patients with at least 1 DIAGNOSIS record in a face-to-face setting, at least 1 VITAL record, and at least 1 PRESCRIBING or MED_ADMIN record within the past 5 years	688,028	75.8	XTBL_L3_DASH2
	Number of unique patients with at least 1 DIAGNOSIS record in a face-to-face setting, at least 1 VITAL record, at least 1 PRESCRIBING or MED_ADMIN record, and at least 1 LAB_RESULT_CM record within the past 5 years	572,493	63.1	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	84%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	76%		ENC_L3_N; PRO_L3_N

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	6,616,024		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	12,008,814		
Weight (lbs.), mean	181		
Weight (lbs.), median	179		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	11,410,833		
BMI <=25	3,568,702	31.3	
BMI 26-30	3,298,133	28.9	
BMI >=31	4,543,998	39.8	

Table ID. 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	1,938,681	04APR2025	1,938,681	1,938,681	---	BIRTH_DATE	1933_Nov	2014_Nov	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,938,681	04APR2025	1,573,847	1,573,847	---	ENR_START_DATE^	2004_Oct	2024_Jun	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	153,977,828	04APR2025	106,218,831	1,573,847	106,218,831	ADMIT_DATE	2015_Dec	2024_Nov	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	369,284,530	04APR2025	286,655,272	1,324,898	49,051,515	ADMIT_DATE	2016_Jan	2024_Nov	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	284,352,353	04APR2025	202,649,111	1,196,841	34,578,588	ADMIT_DATE	2015_Nov	2024_Sep	PRO_L3_N; XTBL_L3_DATES
DEATH	143,871	04APR2025	143,871	143,871	---	DEATH_DATE	2005_Aug	2024_Apr	DEATH_L3_N; XTBL_L3_DATES
VITAL	83,527,699	04APR2025	60,230,714	1,187,294	31,243,336	MEASURE_DATE	2015_Nov	2024_Oct	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	383,842,777	04APR2025	255,580,646	996,839	9,344,349	RESULT_DATE	2015_Dec	2024_Nov	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	90,891,148	04APR2025	73,588,381	972,785	18,042,506	RX_ORDER_DATE	2015_Dec	2024_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.

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 ID. 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	484,751,471	06APR2025	428,123,268	1,149,369	---	DISPENSE_DATE	2016_Jan	2024_Jul	DISP_L3_N; XTBL_L3_DATES
CONDITION	15,877,699	04APR2025	12,524,866	722,437	2,438,534	REPORT_DATE	2016_Jan	2024_Oct	COND_L3_N; XTBL_L3_DATES
PRO_CM	4,795,363	04APR2025	4,795,363	409,989	1,343,789	PRO_DATE	2021_Jun	2025_Jan	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	80,958	04APR2025	80,958	---	---	---	---	---	PROV_L3_N
MED_ADMIN	101,991,161	04APR2025	85,050,820	718,381	4,892,265	MEDADMIN_ START_DATE	2015_Dec	2024_Oct	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	16,102,612	04APR2025	13,853,613	351,250	1,142,350	OBSCLIN_START_ DATE	2015_Dec	2024_Oct	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	41,268	04APR2025	41,268	27,035	32,812	OBSGEN_START_ DATE	2020_Mar	2024_Dec	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	775	04APR2025	775	775	---	---	---	---	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.

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 ID. 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	1,938,681	04APR2025	1,938,681	1,938,681	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	1,878,754	04APR2025	1,878,754	1,878,754	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	12,661,589	04APR2025	11,256,337	815,188	2,161,854	VX_RECORD_DATE	2016_Oct	2025_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.

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)	29,217,110	27.5	149,677,042	52.2	70,040,957	34.6
ED (Emergency Dept)	1,559,475	1.5	11,298,336	3.9	12,348,762	6.1
EI (ED to IP Stay)	259,442	0.2	23,410,314	8.2	43,736,684	21.6
IC (Institutional Professional Consult)	47,060	0.0	1,177,261	0.4	236,177	0.1
IP (Inpatient Hospital Stay)	255,805	0.2	15,208,587	5.3	34,329,030	16.9
IS (Non-acute Institutional Stay)	487	0.0	1,215	0.0	60	0.0
OA (Other Ambulatory Visit)	38,051,073	35.8	40,758,819	14.2	17,820,138	8.8
OS (Observation Stay)	176,399	0.2	3,639,834	1.3	6,667,276	3.3
TH (Telehealth)	1,175,278	1.1	5,000,115	1.7	1,125,877	0.6
Missing, NI, UN or OT	35,476,702	33.4	36,483,749	12.7	16,344,150	8.1
Total	106,218,831		286,655,272		202,649,111	
Source table	ENC_L3_ENCTYPE		DIA_L3_ENCTYPE		PRO_L3_ENCTTPE	

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)	29,217,110	1,032,860	28.3	17,357,673	17,198,052	1.01	ENC_L3_ENCTYPE
ED (Emergency Dept)	1,559,475	547,289	2.8	1,809	1,803	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	259,442	126,740	2.0	258,850	258,846	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	47,060	30,185	1.6	26,135	26,036	1.00	ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	255,805	180,344	1.4	253,460	252,827	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	487	306	1.6	487	471	1.03	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	38,051,073	1,185,791	32.1	38,038,356	35,231,126	1.08	ENC_L3_ENCTYPE
OS (Observation Stay)	176,399	117,176	1.5	174,543	173,762	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	1,175,278	292,922	4.0	1,122,905	1,118,145	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	35,476,702	1,857,098	19.1	33,798,831	32,632,068	1.04	ENC_L3_ENCTYPE