

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	5,419,385		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	40		
Median	38		
Age group			DEM_L3_AGEYRSDIST2
0-4	234,036	4.3	
5-14	732,241	13.5	
15-21	544,831	10.1	
22-64	2,886,482	53.3	
65+	1,021,119	18.9	
Missing	676	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	2,305,948	42.5	
Y (Yes)	1,374,704	25.4	
Missing or Refused	1,738,733	32.1	
Sex			DEM_L3_SEXDIST
F (Female)	2,888,991	53.3	
M (Male)	2,484,288	45.8	
Missing or Ambiguous	46,106	0.9	
Race			DEM_L3_RACEDIST
White	2,546,046	47.0	
Non-White	917,345	16.8	
Missing or Refused	1,955,994	36.0	

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.

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	2,273,464	48.8	
Non-White	818,321	17.6	
Missing or Refused	1,563,658	33.6	
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	5,419,385	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	5,419,385	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.

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	5,419,385		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	968,594	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	395,624	7	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	692,038	71.4	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	620,924	64.1	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	464,122	47.9	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	61%		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	6,982,699		
Height (inches), mean	66		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	7,516,229		
Weight (lbs.), mean	179		
Weight (lbs.), median	175		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	7,516,077		
BMI <=25	2,706,690	36.0	
BMI 26-30	2,351,131	31.3	
BMI >=31	2,458,256	32.7	

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	5,419,385	31MAR2025	5,419,385	5,419,385	---	BIRTH_DATE	1943_Dec	2019_Aug	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,622,746	31MAR2025	1,622,746	1,622,746	---	ENR_START_DATE^	2010_Feb	2024_May	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	194,770,170	31MAR2025	150,930,833	4,655,443	150,930,833	ADMIT_DATE	2016_Feb	2024_Nov	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	272,574,691	31MAR2025	212,275,552	3,160,029	55,397,178	ADMIT_DATE	2016_Jan	2024_Oct	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	239,189,248	31MAR2025	175,771,811	2,855,928	34,562,174	ADMIT_DATE	2015_Nov	2024_Oct	PRO_L3_N; XTBL_L3_DATES
DEATH	54,828	31MAR2025	54,828	54,828	---	DEATH_DATE	2012_Oct	2024_Sep	DEATH_L3_N; XTBL_L3_DATES
VITAL	11,496,271	31MAR2025	9,163,889	1,105,835	9,163,889	MEASURE_DATE	2016_Jan	2024_Dec	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	315,527,771	31MAR2025	253,133,577	1,048,004	6,335,814	RESULT_DATE	2016_Jan	2024_Oct	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	78,056,566	31MAR2025	63,592,987	1,030,167	13,974,399	RX_ORDER_DATE	2016_Jan	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	123,638,377	31MAR2025	108,644,716	2,090,994	---	DISPENSE_DATE	2016_Feb	2024_Sep	DISP_L3_N; XTBL_L3_DATES
CONDITION	9,788,398	31MAR2025	6,847,325	948,293	2,539,152	REPORT_DATE	2015_Oct	2024_Aug	COND_L3_N; XTBL_L3_DATES
PROVIDER	117,613	31MAR2025	117,613	---	---	---	---	---	PROV_L3_N
MED_ADMIN	85,646,301	31MAR2025	65,826,087	476,542	3,240,474	MEDADMIN_ START_DATE	2015_Dec	2024_Oct	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	46,992,070	31MAR2025	36,839,049	860,969	8,163,944	OBSCLIN_START_ DATE	2015_Dec	2024_Nov	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	15,894	31MAR2025	15,104	9,872	13,827	OBSGEN_START_ DATE	2016_Jul	2024_May	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	145	31MAR2025	145	145	---	---	---	---	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	5,419,385	31MAR2025	5,419,385	5,419,385	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	5,235,411	31MAR2025	5,235,411	5,235,411	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	4,274,272	31MAR2025	4,053,408	666,516	1,227,157	VX_RECORD_DATE	2017_Dec	2024_Nov	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)	24,054,364	15.9	84,082,926	39.6	49,787,267	28.3
ED (Emergency Dept)	339,774	0.2	4,509,729	2.1	3,424,904	1.9
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	541,899	0.4	13,004,921	6.1	35,248,972	20.1
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	17,718,276	11.7	6,126,831	2.9	1,438,256	0.8
OS (Observation Stay)	78,791	0.1	1,809,492	0.9	2,212,742	1.3
TH (Telehealth)	1,308,965	0.9	13,685,340	6.4	1,550,683	0.9
Missing, NI, UN or OT	106,888,764	70.8	89,056,313	42.0	82,108,987	46.7
Total	150,930,833		212,275,552		175,771,811	
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)	24,054,364	1,275,703	18.9	23,893,372	21,853,211	1.09	ENC_L3_ENCTYPE
ED (Emergency Dept)	339,774	165,371	2.1	339,422	336,534	1.01	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)	541,899	178,918	3.0	537,136	529,944	1.01	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	17,718,276	1,134,574	15.6	17,718,140	16,738,404	1.06	ENC_L3_ENCTYPE
OS (Observation Stay)	78,791	58,557	1.3	78,348	78,054	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	1,308,965	247,041	5.3	1,308,965	1,306,504	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	106,888,764	5,853,621	18.3	97,513,577	88,280,156	1.10	ENC_L3_ENCTYPE