

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	1,620,901		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	49		
Median	48		
Age group			DEM_L3_AGEYRSDIST2
0-4	25,573	1.6	
5-14	115,703	7.1	
15-21	118,220	7.3	
22-64	868,580	53.6	
65+	492,825	30.4	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	843,211	52.0	
Y (Yes)	31,174	1.9	
Missing or Refused	746,516	46.1	
Sex			DEM_L3_SEXDIST
F (Female)	830,311	51.2	
M (Male)	789,963	48.7	
Missing or Ambiguous	627	0.0	
Race			DEM_L3_RACEDIST
White	758,747	46.8	
Non-White	146,633	9.1	
Missing or Refused	715,521	44.1	

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	694,306	51.5	
Non-White	136,153	10.1	
Missing or Refused	517,898	38.5	
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	1,620,901	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	1,620,901	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	1,620,901		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	653,982	40	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	384,264	24	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	489,365	74.8	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	433,647	66.3	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	370,300	56.6	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

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	14,165,673		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	24,896,923		
Weight (lbs.), mean	183		
Weight (lbs.), median	180		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	13,959,296		
BMI <=25	4,076,139	29.2	
BMI 26-30	3,874,647	27.8	
BMI >=31	6,008,510	43.0	

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	1,620,901	10APR2025	1,620,901	1,620,901	---	BIRTH_DATE	1933_Apr	2014_Sep	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,620,901	10APR2025	1,348,358	1,348,358	---	ENR_START_DATE^	2010_Jan	2023_Mar	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	260,853,423	10APR2025	166,935,105	1,348,357	166,935,105	ADMIT_DATE	2015_Sep	2024_May	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	193,285,189	10APR2025	122,363,657	913,194	34,086,873	ADMIT_DATE	2015_Nov	2024_Sep	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	123,673,705	10APR2025	81,528,649	838,539	28,757,134	ADMIT_DATE	2015_Oct	2024_Oct	PRO_L3_N; XTBL_L3_DATES
DEATH	135,756	10APR2025	135,756	135,756	---	DEATH_DATE	2010_Jun	2024_Jul	DEATH_L3_N; XTBL_L3_DATES
VITAL	42,280,948	10APR2025	30,054,051	747,847	11,688,712	MEASURE_DATE	2015_Oct	2024_Jul	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	446,782,783	10APR2025	320,718,035	680,625	13,532,683	RESULT_DATE	2015_Nov	2024_Sep	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	94,568,154	10APR2025	68,031,109	727,922	24,763,460	RX_ORDER_DATE	2015_Oct	2024_Sep	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	50,360,823	10APR2025	35,831,697	476,499	---	DISPENSE_DATE	2015_Oct	2024_Oct	DISP_L3_N; XTBL_L3_DATES
CONDITION	32,660,111	10APR2025	21,505,014	743,101	10,036,142	REPORT_DATE	2015_Oct	2022_May	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	115,883	10APR2025	115,883	29,879	---	---	---	---	DEATHC_L3_N
PRO_CM	2,309,161	10APR2025	1,862,693	408,307	1,818,738	PRO_DATE	2015_Sep	2022_Aug	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	255,854	10APR2025	255,854	---	---	---	---	---	PROV_L3_N
MED_ADMIN	16,820,296	10APR2025	16,226,759	346,059	2,052,980	MEDADMIN_ START_DATE	2018_Nov	2024_Dec	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	2,858,723	20JUL2022	2,364,048	69,696	145,365	OBSCLIN_START_ DATE	2015_Sep	2021_Mar	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	694	16MAY2023	694	694	---	---	---	---	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	1,620,901	10APR2025	1,620,901	1,620,901	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	11,828,216	10APR2025	11,828,216	1,620,901	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	14,468,572	10APR2025	9,892,775	880,808	6,110,372	VX_RECORD_DATE	2015_Oct	2024_Sep	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)	43,271,432	25.9	72,598,599	59.3	38,958,127	47.8
ED (Emergency Dept)	698,831	0.4	5,344,579	4.4	4,763,454	5.8
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	2,571,623	1.5	2,487,386	2.0	1,114,832	1.4
IP (Inpatient Hospital Stay)	886,980	0.5	13,257,733	10.8	12,014,654	14.7
IS (Non-acute Institutional Stay)	114,352	0.1	783,172	0.6	138,613	0.2
OA (Other Ambulatory Visit)	118,951,983	71.3	25,749,620	21.0	22,873,553	28.1
OS (Observation Stay)	92,697	0.1	1,219,748	1.0	1,296,879	1.6
TH (Telehealth)	347,207	0.2	922,820	0.8	368,537	0.5
Missing, NI, UN or OT	0		0		0	
Total	166,935,105		122,363,657		81,528,649	
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)	43,271,432	878,849	49.2	43,270,336	39,586,444	1.09	ENC_L3_ENCTYPE
ED (Emergency Dept)	698,831	260,927	2.7	698,830	679,944	1.03	ENC_L3_ENCTYPE
EI (ED to IP Stay)	0	0		0	0		ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	2,571,623	314,147	8.2	2,571,621	2,549,516	1.01	ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	886,980	156,491	5.7	886,968	854,350	1.04	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	114,352	17,871	6.4	114,157	108,194	1.06	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	118,951,983	1,335,280	89.1	115,970,145	110,818,614	1.05	ENC_L3_ENCTYPE
OS (Observation Stay)	92,697	39,863	2.3	92,697	92,661	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	347,207	108,686	3.2	347,207	346,180	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE