

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	2,247,308		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	51		
Median	50		
Age group			DEM_L3_AGEYRSDIST2
0-4	37,019	1.6	
5-14	119,684	5.3	
15-21	128,490	5.7	
22-64	1,260,059	56.0	
65+	693,018	30.8	
Missing	9,038	0.4	
Hispanic			DEM_L3_HISPDIST
N (No)	1,103,832	49.1	
Y (Yes)	33,880	1.5	
Missing or Refused	1,109,596	49.4	
Sex			DEM_L3_SEXDIST
F (Female)	1,136,316	50.6	
M (Male)	1,094,003	48.7	
Missing or Ambiguous	16,989	0.8	
Race			DEM_L3_RACEDIST
White	1,338,813	59.6	
Non-White	140,483	6.3	
Missing or Refused	768,012	34.2	

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	673,437	82.3	
Non-White	79,042	9.7	
Missing or Refused	65,385	8.0	
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	2,247,308	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	2,247,308	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	2,247,308		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	595,923	27	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	330,836	15	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	526,837	88.4	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	464,345	77.9	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	345,736	58.0	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	98%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	97%		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	7,281,152		
Height (inches), mean	64		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	9,999,013		
Weight (lbs.), mean	169		
Weight (lbs.), median	172		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	5,524,713		
BMI <=25	2,041,121	36.9	
BMI 26-30	1,304,282	23.6	
BMI >=31	2,179,310	39.4	

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	2,247,308	16APR2025	2,247,308	2,247,308	---	BIRTH_DATE	1921_Jul	2013_Jul	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,310,937	16APR2025	819,017	819,017	---	ENR_START_DATE^	2000_Jan	2024_Jul	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	28,719,839	16APR2025	14,711,421	817,864	14,711,421	ADMIT_DATE	2015_Dec	2024_Dec	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	75,658,657	16APR2025	48,989,293	800,287	12,908,379	ADMIT_DATE	2016_Jan	2024_Dec	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	99,290,071	16APR2025	55,006,864	796,393	12,679,224	ADMIT_DATE	2015_Nov	2024_Dec	PRO_L3_N; XTBL_L3_DATES
DEATH	430,293	16APR2025	430,293	355,552	---	DEATH_DATE	1988_May	2023_Dec	DEATH_L3_N; XTBL_L3_DATES
VITAL	53,601,865	16APR2025	36,226,084	852,167	8,425,729	MEASURE_DATE	2015_Dec	2024_Nov	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	208,698,960	16APR2025	154,760,584	524,083	3,159,557	RESULT_DATE	2016_Jan	2024_Dec	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	102,870,694	16APR2025	75,108,033	749,705	5,689,617	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	4,692,959	17APR2025	4,566,730	243,313	---	DISPENSE_DATE	2015_Dec	2024_Nov	DISP_L3_N; XTBL_L3_DATES
CONDITION	2,999,531	16APR2025	2,705,287	476,035	0	REPORT_DATE	2016_Jul	2025_Jan	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	17,757	16APR2025	17,757	17,370	---	---	---	---	DEATHC_L3_N
PRO_CM	34,932,304	16APR2025	23,803,536	748,985	6,337,300	PRO_DATE	2015_Nov	2024_Nov	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	37,853	16APR2025	37,853	---	---	---	---	---	PROV_L3_N
MED_ADMIN	48,791,071	16APR2025	36,846,634	495,459	2,197,108	MEDADMIN_ START_DATE	2015_Nov	2024_Dec	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	615,305,758	16APR2025	400,087,036	850,459	8,546,939	OBSCLIN_START_ DATE	2015_Nov	2024_Nov	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	78,050,565	17APR2025	74,048,823	819,543	5,600,795	OBSGEN_START_ DATE	2019_Nov	2025_Jan	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	313	16APR2025	313	312	---	---	---	---	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	2,247,308	16APR2025	2,247,308	2,247,308	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	2,043,357	16APR2025	2,043,357	1,687,928	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	4,662,983	16APR2025	2,370,275	366,756	879,944	VX_RECORD_DATE	2015_Nov	2024_May	IMMUNE_L3_N; XTBL_L3_DATES
LAB_HISTORY	17,849		17,849	---	---	---	---	---	LABHIST_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 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)	13,181,113	89.6	35,648,372	72.8	36,811,245	66.9
ED (Emergency Dept)	798,053	5.4	3,976,941	8.1	4,825,956	8.8
EI (ED to IP Stay)	177,836	1.2	5,287,312	10.8	7,657,916	13.9
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	144,399	1.0	2,964,185	6.1	5,175,131	9.4
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	0		0		0	
OS (Observation Stay)	0		0		0	
TH (Telehealth)	410,020	2.8	1,112,483	2.3	536,616	1.0
Missing, NI, UN or OT	0		0		0	
Total	14,711,421		48,989,293		55,006,864	
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)	13,181,113	754,544	17.5	13,181,113	12,294,719	1.07	ENC_L3_ENCTYPE
ED (Emergency Dept)	798,053	270,345	3.0	798,053	785,377	1.02	ENC_L3_ENCTYPE
EI (ED to IP Stay)	177,836	101,747	1.7	177,836	177,818	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	144,399	108,587	1.3	144,399	144,234	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	0	0		0	0		ENC_L3_ENCTYPE
OS (Observation Stay)	0	0		0	0		ENC_L3_ENCTYPE
TH (Telehealth)	410,020	109,248	3.8	410,020	407,372	1.01	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE