

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	4,668,889		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	39		
Median	36		
Age group			DEM_L3_AGEYRSDIST2
0-4	215,100	4.6	
5-14	618,628	13.3	
15-21	484,848	10.4	
22-64	2,516,873	53.9	
65+	833,440	17.8	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	3,431,548	73.5	
Y (Yes)	618,389	13.2	
Missing or Refused	618,952	13.3	
Sex			DEM_L3_SEXDIST
F (Female)	2,358,795	50.5	
M (Male)	2,307,658	49.4	
Missing or Ambiguous	2,436	0.0	
Race			DEM_L3_RACEDIST
White	3,789,599	81.2	
Non-White	259,103	5.6	
Missing or Refused	620,187	13.3	

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.

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	3,333,930	82.2	
Non-White	227,344	5.6	
Missing or Refused	496,703	12.2	
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	4,668,889	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	4,668,889	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	4,668,889		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	3,182,298	68	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	1,653,198	35	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	2,744,696	86.2	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	1,771,411	55.7	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	1,531,174	48.1	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

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	37,267,348		
Height (inches), mean	63		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	41,945,993		
Weight (lbs.), mean	157		
Weight (lbs.), median	163		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	22,876,082		
BMI <=25	9,708,462	42.4	
BMI 26-30	5,827,350	25.5	
BMI >=31	7,340,270	32.1	

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	4,668,889	07APR2025	4,668,889	4,668,889	---	BIRTH_DATE	1942_Mar	2019_Nov	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	7,160,959	07APR2025	6,233,376	4,061,146	---	ENR_START_DATE^	2010_Jan	2024_Apr	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	108,770,329	07APR2025	77,894,731	4,057,977	77,894,731	ADMIT_DATE	2015_Nov	2024_Oct	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	239,453,570	07APR2025	173,659,037	4,008,601	62,267,260	ADMIT_DATE	2015_Nov	2024_Nov	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	362,283,402	07APR2025	247,561,212	3,958,264	61,696,887	ADMIT_DATE	2015_Oct	2024_Oct	PRO_L3_N; XTBL_L3_DATES
DEATH	215,611	07APR2025	215,611	215,611	---	DEATH_DATE	2011_Apr	2024_Aug	DEATH_L3_N; XTBL_L3_DATES
VITAL	147,902,165	07APR2025	105,876,415	3,725,501	32,166,125	MEASURE_DATE	2015_Nov	2024_Sep	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	715,169,415	07APR2025	589,533,213	2,927,597	22,566,694	RESULT_DATE	2016_Jan	2024_Nov	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	318,723,943	07APR2025	300,293,470	3,005,525	14,982,693	RX_ORDER_DATE	2016_Jul	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	157,345,544	07APR2025	157,345,544	1,165,969	---	DISPENSE_DATE	2017_Apr	2025_Jan	DISP_L3_N; XTBL_L3_DATES
CONDITION	54,176,718	07APR2025	48,443,934	3,035,546	0	REPORT_DATE	2016_Jan	2025_Jan	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	200,218	07APR2025	200,218	50,696	---	---	---	---	DEATHC_L3_N
PRO_CM	49,579,914	07APR2025	49,190,214	1,415,809	7,818,983	PRO_DATE	2017_Aug	2024_Dec	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	49,251	07APR2025	49,251	---	---	---	---	---	PROV_L3_N
OBS_CLIN	157,806,042	07APR2025	102,526,985	3,580,209	27,282,892	OBSCLIN_START_DATE	2015_Oct	2024_Jul	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	1,078	07APR2025	1,078	1,075	---	---	---	---	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	4,668,889	07APR2025	4,668,889	4,668,889	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	9,950,030	07APR2025	9,950,030	4,664,500	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	74,945,429	07APR2025	38,069,853	3,099,040	1,296,838	VX_RECORD_DATE	2015_Nov	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)	67,657,466	86.9	130,604,156	75.2	122,417,225	49.4
ED (Emergency Dept)	4,572,533	5.9	18,212,584	10.5	34,183,496	13.8
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	1,738,881	2.2	17,801,197	10.3	66,740,694	27.0
IS (Non-acute Institutional Stay)	5,891	0.0	57,622	0.0	228,981	0.1
OA (Other Ambulatory Visit)	1,506,320	1.9	3,196,269	1.8	4,558,748	1.8
OS (Observation Stay)	0		0		0	
TH (Telehealth)	0		0		0	
Missing, NI, UN or OT	2,413,640	3.1	3,787,209	2.2	19,432,068	7.8
Total	77,894,731		173,659,037		247,561,212	
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)	67,657,466	3,671,489	18.4	61,715,299	54,558,490	1.13	ENC_L3_ENCTYPE
ED (Emergency Dept)	4,572,533	1,754,638	2.6	4,535,186	4,530,689	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)	1,738,881	1,007,782	1.7	1,738,067	1,736,167	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	5,891	3,790	1.6	5,887	5,881	1.00	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	1,506,320	581,325	2.6	1,506,320	1,490,111	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	2,413,640	994,335	2.4	2,289,115	2,254,680	1.02	ENC_L3_ENCTYPE