

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	4,534,116		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	44		
Median	43		
Age group			DEM_L3_AGEYRSDIST2
0-4	174,542	3.8	
5-14	440,895	9.7	
15-21	349,665	7.7	
22-64	2,514,925	55.5	
65+	1,054,089	23.3	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	220,674	4.9	
Y (Yes)	815,296	18.0	
Missing or Refused	3,498,146	77.2	
Sex			DEM_L3_SEXDIST
F (Female)	2,500,312	55.1	
M (Male)	2,028,725	44.7	
Missing or Ambiguous	5,079	0.1	
Race			DEM_L3_RACEDIST
White	1,618,260	35.7	
Non-White	930,974	20.6	
Missing or Refused	1,984,882	43.7	

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	4,534,116		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	2,445,360	54	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	930,915	21	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	1,484,757	60.7	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	594,799	24.3	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	373,746	15.3	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	73%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	68%		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	2,615,893		
Height (inches), mean	61		
Height (inches), median	64		
Weight measurements			VIT_L3_WT_DIST
Records	2,822,194		
Weight (lbs.), mean	161		
Weight (lbs.), median	165		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	10,776,245		
BMI <=25	3,925,627	36.4	
BMI 26-30	2,856,807	26.5	
BMI >=31	3,993,811	37.1	

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	4,534,116	18DEC2025	4,534,116	4,534,116	---	BIRTH_DATE	1941_Aug	2019_Dec	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	4,524,942	18DEC2025	4,172,682	4,172,682	---	ENR_START_DATE^	2005_Nov	2025_Mar	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	188,672,290	18DEC2025	152,367,613	4,169,343	152,367,613	ADMIT_DATE	2016_Dec	2025_Jul	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	130,078,771	18DEC2025	97,042,102	3,058,402	38,702,167	ADMIT_DATE	2016_Sep	2025_Aug	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	67,923,522	18DEC2025	46,341,219	2,852,952	26,621,836	ADMIT_DATE	2016_Aug	2025_Jul	PRO_L3_N; XTBL_L3_DATES
DEATH	109,114	18DEC2025	109,114	91,016	---	DEATH_DATE	2002_Mar	2025_Apr	DEATH_L3_N; XTBL_L3_DATES
VITAL	36,120,693	18DEC2025	26,061,187	2,167,554	11,573,756	MEASURE_DATE	2016_Jul	2025_May	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	152,920,204	18DEC2025	123,201,356	1,152,604	8,408,751	RESULT_DATE	2017_Feb	2025_Jun	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	15,084,544	18DEC2025	12,720,527	1,033,316	7,153,245	RX_ORDER_DATE	2017_Jan	2025_Aug	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	44,727,191	18DEC2025	44,253,969	1,138,135	---	DISPENSE_DATE	2020_Dec	2025_Jul	DISP_L3_N; XTBL_L3_DATES
CONDITION	26,428,122	18DEC2025	20,962,192	1,143,940	3,941,290	REPORT_DATE	2016_Aug	2024_Nov	COND_L3_N; XTBL_L3_DATES
PROVIDER	105,024	18DEC2025	105,024	---	---	---	---	---	PROV_L3_N
MED_ADMIN	4,071,769	18DEC2025	4,071,769	142,961	338,855	MEDADMIN_ START_DATE	2021_Oct	2025_Oct	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	70,248,997	18DEC2025	54,672,354	2,159,950	11,459,359	OBSCLIN_START_ DATE	2016_Sep	2025_Aug	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	177,828	18DEC2025	177,828	24,550	33,630	OBSGEN_START_ DATE	2021_Jul	2025_Apr	OBSGEN_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 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	4,534,116	10OCT2025	4,534,116	4,534,116	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	9,068,782	18DEC2025	9,068,782	4,534,116	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	6,360,962	18DEC2025	4,387,519	479,115	3,763,895	VX_RECORD_DATE	2016_Dec	2025_Jul	IMMUNE_L3_N; XTBL_L3_DATES
EXTERNAL_MEDS	2,040,012	N/A	2,040,012	84,221	---	EXT_RECORD_DATE	2022_Feb	2025_Sep	EXTMED_L3_N; XTBL_L3_DATES
PAT_RELATIONSHIP	18,768	N/A	18,768	17,677	---	RELATIONSHIP_START			PATREL_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)	41,305,488	27.1	59,653,041	61.5	28,221,350	60.9
ED (Emergency Dept)	3,267,686	2.1	4,745,539	4.9	6,495,232	14.0
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	5,814,876	3.8	14,565,321	15.0	7,745,557	16.7
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	28,942,777	19.0	7,741,352	8.0	1,094,836	2.4
OS (Observation Stay)	0		0		0	
TH (Telehealth)	615,133	0.4	1,187,674	1.2	326,743	0.7
Missing, NI, UN or OT	72,421,653	47.5	9,149,175	9.4	2,457,501	5.3
Total	152,367,613		97,042,102		46,341,219	
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)	41,305,488	2,730,012	15.1	37,746,003	28,856,711	1.31	ENC_L3_ENCTYPE
ED (Emergency Dept)	3,267,686	1,262,078	2.6	3,018,406	2,840,908	1.06	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)	5,814,876	759,867	7.7	5,291,303	3,230,649	1.64	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	28,942,777	1,973,213	14.7	23,283,373	17,901,001	1.30	ENC_L3_ENCTYPE
OS (Observation Stay)	0	0		0	0		ENC_L3_ENCTYPE
TH (Telehealth)	615,133	218,938	2.8	610,980	608,697	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	72,421,653	3,963,597	18.3	45,763,907	31,508,697	1.45	ENC_L3_ENCTYPE