

**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	1,515,397		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	48		
Median	48		
Age group			DEM_L3_AGEYRSDIST2
0-4	23,816	1.5	
5-14	82,695	5.4	
15-21	91,894	6.1	
22-64	872,598	57.6	
65+	389,342	25.7	
Missing	55,052	3.6	
Hispanic			DEM_L3_HISPDIST
N (No)	1,095,793	72.3	
Y (Yes)	106,713	7.0	
Missing or Refused	312,891	20.6	
Sex			DEM_L3_SEXDIST
F (Female)	814,892	53.8	
M (Male)	699,598	46.2	
Missing or Ambiguous	907	0.0	
Race			DEM_L3_RACEDIST
White	931,863	61.5	
Non-White	170,921	11.4	
Missing or Refused	412,613	27.2	

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.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

Sums which include BT values are marked with an asterisk (\*), either accompanying the sum of all above-threshold values or alone if all values are BT.

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	829,510	64.3	
Non-White	150,982	11.6	
Missing or Refused	308,616	23.9	
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	1,515,397	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	1,515,397	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.

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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 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 are highlighted in red and must be corrected.

Metric	Metric Description	Result	Source table
Potential pool of patients for observational studies	Number of unique patients with at least 1 ED, EI, IP, OS, TH, or AV encounter within the past 5 years	720,526	ENC_L3_DASH2
Potential pool of patients for trials	Number of unique patients with at least 1 ED, EI, IP, OS, TH, or AV encounter within the past 1 year	365,827	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 encounter and DIAGNOSIS and VITAL records within the past 5 years	658,255	XTBL_L3_DASH1
	Number of unique patients with at least 1 encounter and DIAGNOSIS, VITAL, and PRESCRIBING or DISPENSING records within the past 5 years	631,957	XTBL_L3_DASH2
	Number of unique patients with at least 1 encounter and DIAGNOSIS, VITAL, PRESCRIBING or DISPENSING, and LAB_RESULT_CM records within the past 5 years	390,894	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	81%	ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	72%	ENC_L3_N; PRO_L3_N

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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	8,878,216		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	9,738,651		
Weight (lbs.), mean	178		
Weight (lbs.), median	177		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	9,532,931		
BMI <=25	3,320,169	34.8	
BMI 26-30	2,738,254	28.7	
BMI >=31	3,474,508	36.4	

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**Table 1D. 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	1,515,397	04APR2023	1,515,397	1,515,397	---	BIRTH_DATE	1940_Mar	2011_Jul	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,515,397	04APR2023	1,289,108	1,289,108	---	ENR_START_DATE^	2005_Jun	2022_Jun	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	102,365,756	04APR2023	87,453,791	1,289,108	87,453,791	ADMIT_DATE	2014_Mar	2022_Nov	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	185,332,504	04APR2023	162,151,712	1,045,141	30,926,744	ADMIT_DATE	2014_May	2022_Oct	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	234,452,243	04APR2023	200,444,420	925,709	19,595,901	ADMIT_DATE	2014_Jan	2022_Sep	PRO_L3_N; XTBL_L3_DATES
DEATH	101,244	04APR2023	101,244	101,244	---	DEATH_DATE	2013_Dec	2022_Sep	DEATH_L3_N; XTBL_L3_DATES
VITAL	54,588,847	04APR2023	48,199,758	963,889	21,205,802	MEASURE_DATE	2014_Jan	2022_Sep	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	476,776,007	04APR2023	369,045,077	569,778	4,905,725	RESULT_DATE	2013_Dec	2022_Sep	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	80,140,161	04APR2023	65,378,621	892,948	14,286,828	RX_ORDER_DATE	2014_Jan	2022_Oct	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.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

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 1D. 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	311,637,903	04APR2023	309,257,636	761,107	---	DISPENSE_DATE	2014_Sep	2022_Jun	DISP_L3_N; XTBL_L3_DATES
CONDITION	21,872,164	04APR2023	18,468,321	685,335	3,204,527	REPORT_DATE	2013_Dec	2022_Sep	COND_L3_N; XTBL_L3_DATES
PROVIDER	46,731	04APR2023	46,731	---	---	---	---	---	PROV_L3_N
MED_ADMIN	84,582,560	04APR2023	65,399,172	536,224	3,434,675	MEDADMIN_ START_DATE	2013_Dec	2022_Sep	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	491,299,623	04APR2023	433,797,822	963,889	21,205,802	OBSCLIN_START_ DATE	2014_Jan	2022_Sep	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	2,248	04APR2023	2,248	2,121	---	---	---	---	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.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

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 1D. 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	1,515,397	04APR2023	1,515,397	1,515,397	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	1,485,662	04APR2023	1,485,662	1,485,662	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	3,610,981	04APR2023	3,222,046	409,243	920,149	VX_RECORD_DATE	2014_Apr	2022_Dec	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.

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

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)	22,013,045	25.2	76,330,255	47.1	53,350,607	26.6
ED (Emergency Dept)	439,203	0.5	2,958,473	1.8	7,174,546	3.6
EI (ED to IP Stay)	162,079	0.2	4,334,176	2.7	42,439,780	21.2
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	367,639	0.4	6,782,238	4.2	51,566,713	25.7
IS (Non-acute Institutional Stay)	7,679	0.0	195,487	0.1	1,557,297	0.8
OA (Other Ambulatory Visit)	48,966,073	56.0	44,444,082	27.4	13,584,690	6.8
OS (Observation Stay)	54,599	0.1	1,027,555	0.6	4,168,560	2.1
TH (Telehealth)	502,381	0.6	2,489,317	1.5	661,763	0.3
Missing, NI, UN or OT	14,941,093	17.1	23,590,129	14.5	25,940,464	12.9
Total	87,453,791		162,151,712		200,444,420	
Source table	ENC_L3_ENCTYPE		DIA_L3_ENCTYPE		PRO_L3_ENCTTPE	

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.



**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)	22,013,045	929,975	23.7	10,785,546	10,378,696	1.04	ENC_L3_ENCTYPE
ED (Emergency Dept)	439,203	194,361	2.3	18,435	18,415	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	162,079	82,084	2.0	161,956	161,952	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	367,639	196,786	1.9	282,803	282,776	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	7,679	6,059	1.3	6,988	6,987	1.00	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	48,966,073	1,148,386	42.6	48,947,821	44,264,235	1.11	ENC_L3_ENCTYPE
OS (Observation Stay)	54,599	37,743	1.4	48,701	48,700	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	502,381	148,196	3.4	502,381	501,264	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	14,941,093	1,384,077	10.8	5,008,507	4,904,278	1.02	ENC_L3_ENCTYPE

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