

**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	2,752,865		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	45		
Median	43		
Age group			DEM_L3_AGEYRSDIST2
0-4	91,478	3.3	
5-14	250,101	9.1	
15-21	178,896	6.5	
22-64	1,586,001	57.6	
65+	646,388	23.5	
Missing	1	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	2,484,395	90.2	
Y (Yes)	135,081	4.9	
Missing or Refused	133,389	4.9	
Sex			DEM_L3_SEXDIST
F (Female)	1,443,861	52.4	
M (Male)	1,308,880	47.5	
Missing or Ambiguous	124	0.0	
Race			DEM_L3_RACEDIST
White	2,193,915	79.7	
Non-White	391,276	14.2	
Missing or Refused	167,674	6.1	

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.

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	2,153,876	79.7	
Non-White	384,196	14.3	
Missing or Refused	164,336	6.1	
Gender Identity			DEM_L3_GENDERDIST
GQ (Genderqueer/Non-Binary)	0	0.0	
M (Man)	41,652	1.5	
W (Woman)	68,501	2.5	
MU (Multiple gender categories), SE (Something else), TF (Transgender female/Trans woman/Male-to-female), or TM (Transgender male/Trans man/Female-to-male)	1,104	0.0	
Missing or Refused	2,641,608	96.0	
Sexual Orientation			DEM_L3_ORIENTDIST
Bisexual	3,383	0.1	
Gay	0	0.0	
Lesbian	0	0.0	
Queer	0	0.0	
Straight	80,445	2.9	
AS (Asexual), MU (Multiple sexual orientations), SE (Something else), QS (Questioning)	863	0.0	
Missing or Refused	2,663,953	96.8	

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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 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	Percent	Source table
All patients	Number of unique patients in the DEMOGRAPHIC table	2,752,865		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	1,889,496	69%	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	994,570	36%	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 face-to-face encounter and VITAL records within the past 5 years	1,760,504	93%	XTBL_L3_DASH1
	Number of unique patients with at least 1 DIAGNOSIS face-to-face encounter, VITAL, and PRESCRIBING or MED_ADMIN records within the past 5 years	1,592,985	84%	XTBL_L3_DASH2
	Number of unique patients with at least 1 DIAGNOSIS face-to-face encounter, VITAL, PRESCRIBING or MED_ADMIN, and LAB_RESULT_CM records within the past 5 years	1,310,987	69%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	96%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	94%		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	17,964,814		
Height (inches), mean	64		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	32,290,176		
Weight (lbs.), mean	173		
Weight (lbs.), median	174		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	17,605,691		
BMI <=25	6,132,067	34.8	
BMI 26-30	4,881,837	27.7	
BMI >=31	6,591,787	37.4	

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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	2,752,865	20SEP2023	2,752,865	2,752,865	---	BIRTH_DATE	1938_May	2016_Nov	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	2,752,862	24SEP2023	2,702,408	2,702,408	---	ENR_START_DATE^	2013_Jan	2022_Aug	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	148,421,936	21SEP2023	139,819,275	2,702,408	139,819,275	ADMIT_DATE	2014_May	2023_Apr	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	314,929,535	27SEP2023	297,988,968	2,595,365	63,606,531	ADMIT_DATE	2014_Jun	2023_Apr	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	302,186,505	23SEP2023	293,808,940	2,537,265	60,254,132	ADMIT_DATE	2015_Jan	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	180,811	23SEP2023	180,811	180,811	---	DEATH_DATE	2014_Jul	2023_Mar	DEATH_L3_N; XTBL_L3_DATES
VITAL	158,287,822	25SEP2023	148,834,897	2,429,693	28,780,326	MEASURE_DATE	2014_May	2023_Mar	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	339,171,589	26SEP2023	320,187,331	1,957,730	16,148,275	RESULT_DATE	2014_May	2023_Mar	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	177,687,036	04OCT2023	167,917,646	2,316,635	41,225,178	RX_ORDER_DATE	2014_May	2023_Apr	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	923,853,641	21SEP2023	832,058,572	2,095,895	---	DISPENSE_DATE	2014_Dec	2023_Jan	DISP_L3_N; XTBL_L3_DATES
CONDITION	14,296,580	26SEP2023	13,624,803	1,673,600	0	REPORT_DATE	2014_Jun	2023_Apr	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	71,472	24SEP2023	71,472	71,472	---	---	---	---	DEATHC_L3_N
PRO_CM	52,215,031	22SEP2023	52,215,031	1,097,427	6,084,094	PRO_DATE	2014_Sep	2023_Apr	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	105,166	20SEP2023	105,166	---	---	---	---	---	PROV_L3_N
MED_ADMIN	142,300,467	22SEP2023	135,068,939	1,444,788	5,668,378	MEDADMIN_ START_DATE	2014_Jun	2023_May	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	11,232,597	24SEP2023	10,629,013	320,433	721,276	OBSCLIN_START_ DATE	2014_Jun	2023_Apr	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	2,333,566	21SEP2023	2,159,110	610,373	1,079,555	OBSGEN_START_ DATE	2014_Mar	2023_Mar	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	989	02MAR2023	927	926	---	---	---	---	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.

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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	2,752,865	04OCT2023	2,752,865	2,752,865	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	20,088,071	23SEP2023	20,088,071	2,752,069	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	12,630,006	26SEP2023	12,295,837	1,310,687	4,542,933	VX_RECORD_DATE	2014_Nov	2023_Apr	IMMUNE_L3_N; XTBL_L3_DATES

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In the All Data columns, records comes from the DATAMART\_ALL table and Refresh Date comes from the XTBL\_L3\_REFRESH\_DATE table.

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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)	48,584,410	34.7	223,041,192	74.8	210,417,877	71.6
ED (Emergency Dept)	2,617,277	1.9	11,322,724	3.8	14,972,884	5.1
EI (ED to IP Stay)	362,106	0.3	6,592,542	2.2	4,131,526	1.4
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	717,449	0.5	8,057,026	2.7	6,134,586	2.1
IS (Non-acute Institutional Stay)	1,574,429	1.1	17,075,313	5.7	18,901,221	6.4
OA (Other Ambulatory Visit)	82,091,027	58.7	15,409,191	5.2	21,455,406	7.3
OS (Observation Stay)	452,180	0.3	5,266,902	1.8	12,697,974	4.3
TH (Telehealth)	1,418,984	1.0	3,896,723	1.3	1,545,334	0.5
Missing, NI, UN or OT	2,001,413	1.4	7,327,355	2.5	3,552,132	1.2
Total	139,819,275		297,988,968		293,808,940	
Source table	ENC_L3_ENCTYPE		DIA_L3_ENCTYPE		PRO_L3_ENCTTPE	

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**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)	48,584,410	2,418,168	20.1	42,968,164	34,562,819	1.24	ENC_L3_ENCTYPE
ED (Emergency Dept)	2,617,277	959,897	2.7	65	65	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	362,106	204,746	1.8	311	311	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	717,449	494,611	1.5	26,879	26,434	1.02	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	1,574,429	76,450	20.6	831,058	537,664	1.55	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	82,091,027	2,254,033	36.4	55,920,529	51,647,518	1.08	ENC_L3_ENCTYPE
OS (Observation Stay)	452,180	140,810	3.2	279,844	168,581	1.66	ENC_L3_ENCTYPE
TH (Telehealth)	1,418,984	431,352	3.3	1,411,382	1,410,189	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	2,001,413	543,589	3.7	1,676,191	1,356,487	1.24	ENC_L3_ENCTYPE

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