

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	3,805,484		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	43		
Median	43		
Age group			DEM_L3_AGEYRSDIST2
0-4	165,928	4.4	
5-14	340,173	8.9	
15-21	313,452	8.3	
22-64	2,158,950	56.7	
65+	825,119	21.7	
Missing	1,862	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	2,893,252	76.0	
Y (Yes)	654,480	17.2	
Missing or Refused	257,752	6.7	
Sex			DEM_L3_SEXDIST
F (Female)	2,115,701	55.6	
M (Male)	1,683,037	44.2	
Missing or Ambiguous	6,746	0.2	
Race			DEM_L3_RACEDIST
White	1,203,363	31.6	
Non-White	716,334	18.8	
Missing or Refused	1,885,787	49.6	

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	1,113,550	31.8	
Non-White	672,078	19.1	
Missing or Refused	1,721,361	49.2	
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	3,805,484	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	3,805,484	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	2,061,767	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	910,556	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	1,018,637	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	602,676	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	438,840	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	77%	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	3,565,210		
Height (inches), mean	61		
Height (inches), median	64		
Weight measurements			VIT_L3_WT_DIST
Records	3,832,427		
Weight (lbs.), mean	161		
Weight (lbs.), median	164		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	9,264,317		
BMI <=25	3,394,315	36.6	
BMI 26-30	2,384,154	25.7	
BMI >=31	3,485,848	37.6	

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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	3,805,484	13APR2023	3,805,484	3,805,484	---	BIRTH_DATE	1940_Aug	2017_Aug	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	3,786,125	13APR2023	3,505,028	3,505,028	---	ENR_START_DATE^	2005_May	2022_Sep	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	145,523,549	13APR2023	124,528,059	3,506,989	124,528,059	ADMIT_DATE	2014_Aug	2022_Oct	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	107,973,513	13APR2023	89,835,927	2,572,842	34,575,944	ADMIT_DATE	2014_Apr	2022_Oct	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	73,342,745	13APR2023	57,721,267	2,693,363	34,054,566	ADMIT_DATE	2014_Feb	2022_Oct	PRO_L3_N; XTBL_L3_DATES
DEATH	62,137	13APR2023	62,137	59,562	---	DEATH_DATE	2014_Jul	2022_Jul	DEATH_L3_N; XTBL_L3_DATES
VITAL	11,608,193	13APR2023	10,511,089	1,489,618	9,863,206	MEASURE_DATE	2014_Aug	2022_Dec	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	118,903,119	13APR2023	100,368,113	958,284	10,857,890	RESULT_DATE	2014_Aug	2022_Nov	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	13,177,880	17APR2023	12,104,802	987,874	5,247,852	RX_ORDER_DATE	2014_Sep	2023_Jan	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	2,073,056	13APR2023	1,599,903	18,550	---	DISPENSE_DATE	2018_Sep	2023_Mar	DISP_L3_N; XTBL_L3_DATES
CONDITION	23,796,781	13APR2023	21,695,620	1,144,636	4,244,887	REPORT_DATE	2014_Apr	2022_Apr	COND_L3_N; XTBL_L3_DATES
PROVIDER	58,363	13APR2023	58,363	---	---	---	---	---	PROV_L3_N
MED_ADMIN	1,252,845	13APR2023	1,252,845	65,536	123,516	MEDADMIN_ START_DATE	2021_Jun	2023_Mar	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	67,031,205	13APR2023	59,960,883	1,496,730	10,042,548	OBSCLIN_START_ DATE	2014_May	2022_Oct	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	38	30MAR2023	38	38	---	---	---	---	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	3,805,484	14APR2023	3,805,484	3,805,484	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	3,805,484	18DEC2021	3,805,484	3,805,484	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	6,273,927	13APR2023	6,002,883	584,987	5,170,645	VX_RECORD_DATE	2014_Oct	2021_Jan	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.

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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)	33,467,532	26.9	49,035,664	54.6	28,247,573	48.9
ED (Emergency Dept)	2,768,455	2.2	5,520,684	6.1	4,940,454	8.6
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	6,697,247	5.4	18,340,449	20.4	11,299,566	19.6
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	44,893,741	36.1	1,363,790	1.5	8,080,228	14.0
OS (Observation Stay)	0		0		0	
TH (Telehealth)	1,289,024	1.0	488,936	0.5	182,576	0.3
Missing, NI, UN or OT	35,412,060	28.4	15,086,404	16.8	4,970,870	8.6
Total	124,528,059		89,835,927		57,721,267	
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)	33,467,532	2,389,498	14.0	33,467,532	21,730,155	1.54	ENC_L3_ENCTYPE
ED (Emergency Dept)	2,768,455	951,683	2.9	2,768,455	1,949,142	1.42	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)	6,697,247	684,898	9.8	6,697,247	1,685,928	3.97	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	44,893,741	1,794,092	25.0	44,893,741	24,762,601	1.81	ENC_L3_ENCTYPE
OS (Observation Stay)	0	0		0	0		ENC_L3_ENCTYPE
TH (Telehealth)	1,289,024	267,422	4.8	1,289,024	1,224,431	1.05	ENC_L3_ENCTYPE
Missing, NI, UN or OT	35,412,060	4,162,128	8.5	35,412,060	28,699,522	1.23	ENC_L3_ENCTYPE

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