

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	1,340,989		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	43		
Median	41		
Age group			DEM_L3_AGEYRSDIST2
0-4	45,372	3.4	
5-14	140,358	10.4	
15-21	116,816	8.7	
22-64	712,621	53.1	
65+	325,822	24.3	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	1,066,751	79.5	
Y (Yes)	57,896	4.3	
Missing or Refused	216,342	16.1	
Sex			DEM_L3_SEXDIST
F (Female)	698,214	52.1	
M (Male)	641,917	47.9	
Missing or Ambiguous	858	0.1	
Race			DEM_L3_RACEDIST
White	1,037,151	77.3	
Non-White	135,699	10.2	
Missing or Refused	168,139	12.5	

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	913,638	78.3	
Non-White	122,639	10.5	
Missing or Refused	130,089	11.2	
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	1,340,989	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	1,340,989	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 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	1,340,989		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	708,765	53%	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	352,945	26%	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	646,357	91%	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	520,975	74%	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	392,768	55%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	89%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	86%		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	4,865,601		
Height (inches), mean	62		
Height (inches), median	65		
Weight measurements			VIT_L3_WT_DIST
Records	8,921,771		
Weight (lbs.), mean	158		
Weight (lbs.), median	164		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	4,661,327		
BMI <=25	2,064,663	44.3	
BMI 26-30	1,065,348	22.9	
BMI >=31	1,531,316	32.9	

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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	1,340,989	29SEP2023	1,340,989	1,340,989	---	BIRTH_DATE	1937_Mar	2016_Oct	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,340,074	29SEP2023	1,221,693	1,221,693	---	ENR_START_DATE^	2001_Jun	2022_Jan	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	40,997,251	29SEP2023	33,114,920	1,166,366	33,114,920	ADMIT_DATE	2014_Jun	2023_May	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	102,781,510	29SEP2023	85,059,053	1,041,989	17,948,062	ADMIT_DATE	2014_Jun	2023_May	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	147,978,660	29SEP2023	115,041,909	1,004,877	13,085,334	ADMIT_DATE	2014_May	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	97,829	29SEP2023	97,829	78,726	---	DEATH_DATE	2014_Jan	2023_Jan	DEATH_L3_N; XTBL_L3_DATES
VITAL	80,933,931	29SEP2023	64,883,783	987,576	10,684,863	MEASURE_DATE	2014_May	2023_Apr	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	180,965,801	29SEP2023	141,902,566	633,953	3,930,963	RESULT_DATE	2014_Jun	2023_May	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	73,173,032	29SEP2023	58,356,790	797,889	9,740,049	RX_ORDER_DATE	2014_Jun	2023_May	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	5,517,672	29SEP2023	5,517,497	305,372	---	DISPENSE_DATE	2016_Mar	2023_Jun	DISP_L3_N; XTBL_L3_DATES
CONDITION	8,685,356	29SEP2023	7,113,714	833,687	2,133,210	REPORT_DATE	2014_Jun	2023_May	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	179	29SEP2023	179	130	---	---	---	---	DEATHC_L3_N
PRO_CM	3,173,023	29SEP2023	3,150,183	125,463	321,046	PRO_DATE	2018_Apr	2023_Aug	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	271,184	29SEP2023	271,184	---	---	---	---	---	PROV_L3_N
MED_ADMIN	168,733,885	29SEP2023	132,312,521	606,022	2,990,152	MEDADMIN_ START_DATE	2014_May	2023_Apr	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	272,001,919	29SEP2023	213,691,634	912,968	8,578,873	OBSCLIN_START_ DATE	2014_May	2023_Apr	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	2,619,921	29SEP2023	2,096,855	989,125	68,637	OBSGEN_START_ DATE	2015_Feb	2023_Jun	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	685	29SEP2023	685	685	---	---	---	---	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	1,340,989	29SEP2023	1,340,989	1,340,989	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	4,050,059	29SEP2023	4,050,059	1,328,477	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	10,092,511	29SEP2023	10,027,026	634,553	1,617,101	VX_RECORD_DATE	2016_May	2023_Jun	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.

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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)	12,684,697	38.3	64,360,038	75.7	59,601,110	51.8
ED (Emergency Dept)	406,965	1.2	2,792,626	3.3	5,659,310	4.9
EI (ED to IP Stay)	143,802	0.4	4,209,406	4.9	21,774,135	18.9
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	227,940	0.7	4,205,406	4.9	26,215,250	22.8
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	14,779,325	44.6	5,325,122	6.3	1	0.0
OS (Observation Stay)	41,245	0.1	303,346	0.4	719,154	0.6
TH (Telehealth)	437,761	1.3	1,700,247	2.0	770,946	0.7
Missing, NI, UN or OT	4,393,185	13.3	2,162,862	2.5	302,003	0.3
Total	33,114,920		85,059,053		115,041,909	
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)	12,684,697	973,171	13.0	12,348,634	12,315,229	1.00	ENC_L3_ENCTYPE
ED (Emergency Dept)	406,965	192,410	2.1	35,358	35,313	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	143,802	94,350	1.5	11,307	11,307	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	227,940	154,346	1.5	23,295	23,017	1.01	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	14,779,325	791,265	18.7	11,077,506	10,704,704	1.03	ENC_L3_ENCTYPE
OS (Observation Stay)	41,245	26,469	1.6	4,847	4,835	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	437,761	161,852	2.7	437,761	437,153	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	4,393,185	828,554	5.3	4,186,745	4,070,777	1.03	ENC_L3_ENCTYPE

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