

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	1,168,146		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	48		
Median	48		
Age group			DEM_L3_AGEYRSDIST2
0-4	23,776	2.0	
5-14	98,684	8.5	
15-21	87,340	7.5	
22-64	616,921	52.9	
65+	341,425	29.2	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	781,705	66.9	
Y (Yes)	28,107	2.4	
Missing or Refused	358,334	30.7	
Sex			DEM_L3_SEXDIST
F (Female)	592,439	50.7	
M (Male)	575,571	49.3	
Missing or Ambiguous	136	0.0	
Race			DEM_L3_RACEDIST
White	734,754	62.9	
Non-White	91,828	7.9	
Missing or Refused	341,564	29.3	

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	692,169	65.4	
Non-White	87,979	8.2	
Missing or Refused	278,249	26.4	
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	1,168,146	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	1,168,146	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	1,168,146		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	632,559	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	381,303	33%	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	486,455	77%	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	431,277	68%	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	368,860	58%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	87%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	81%		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	14,987,744		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	26,287,009		
Weight (lbs.), mean	181		
Weight (lbs.), median	179		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	14,785,708		
BMI <=25	4,061,579	27.5	
BMI 26-30	4,113,065	27.8	
BMI >=31	6,611,064	44.7	

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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	1,168,146	10OCT2023	1,168,146	1,168,146	---	BIRTH_DATE	1933_Aug	2014_Jul	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,168,146	10OCT2023	1,058,398	1,058,398	---	ENR_START_DATE^	2010_Jan	2021_Jul	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	242,190,296	10OCT2023	178,246,829	1,058,397	178,246,829	ADMIT_DATE	2014_Apr	2023_Jan	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	176,435,556	10OCT2023	123,353,133	922,299	37,457,790	ADMIT_DATE	2014_May	2023_Feb	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	110,464,702	10OCT2023	80,255,886	859,975	31,046,143	ADMIT_DATE	2014_Apr	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	99,323	10OCT2023	99,323	99,323	---	DEATH_DATE	2014_Apr	2023_Apr	DEATH_L3_N; XTBL_L3_DATES
VITAL	39,193,091	10OCT2023	31,202,047	761,693	12,216,143	MEASURE_DATE	2014_May	2023_Feb	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	382,095,978	10OCT2023	297,158,687	693,149	14,436,720	RESULT_DATE	2014_May	2023_Jun	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	86,046,385	10OCT2023	68,893,623	741,125	25,343,282	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	43,350,890	10OCT2023	33,826,727	457,635	---	DISPENSE_DATE	2014_May	2023_Apr	DISP_L3_N; XTBL_L3_DATES
CONDITION	32,645,040	10OCT2023	24,629,576	813,054	11,814,491	REPORT_DATE	2014_May	2022_Apr	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	55,827	10OCT2023	55,827	15,038	---	---	---	---	DEATHC_L3_N
PRO_CM	2,286,088	10OCT2023	2,183,134	453,497	2,155,793	PRO_DATE	2014_Apr	2022_May	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	243,106	10OCT2023	243,106	---	---	---	---	---	PROV_L3_N
MED_ADMIN	13,419,036	10OCT2023	12,962,242	296,622	1,710,601	MEDADMIN_ START_DATE	2018_Aug	2023_Jul	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	2,851,532	20JUL2022	2,735,521	82,234	175,408	OBSCLIN_START_ DATE	2014_May	2021_Feb	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	596	16MAY2023	596	596	---	---	---	---	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	1,168,146	10OCT2023	1,168,146	1,168,146	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	9,183,312	10OCT2023	9,183,312	1,168,146	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	16,258,290	10OCT2023	16,258,290	757,070	7,751,131	VX_RECORD_DATE			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)	42,876,806	24.1	72,632,199	58.9	40,128,187	50.0
ED (Emergency Dept)	645,445	0.4	4,346,821	3.5	3,845,141	4.8
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	2,696,331	1.5	3,095,764	2.5	1,419,671	1.8
IP (Inpatient Hospital Stay)	1,042,565	0.6	13,550,222	11.0	9,769,927	12.2
IS (Non-acute Institutional Stay)	134,366	0.1	857,112	0.7	149,482	0.2
OA (Other Ambulatory Visit)	130,373,875	73.1	26,664,785	21.6	23,248,352	29.0
OS (Observation Stay)	99,611	0.1	1,218,223	1.0	1,298,682	1.6
TH (Telehealth)	377,830	0.2	988,007	0.8	396,444	0.5
Missing, NI, UN or OT	0		0		0	
Total	178,246,829		123,353,133		80,255,886	
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)	42,876,806	859,416	49.9	42,876,806	39,500,158	1.09	ENC_L3_ENCTYPE
ED (Emergency Dept)	645,445	238,322	2.7	645,445	629,747	1.02	ENC_L3_ENCTYPE
EI (ED to IP Stay)	0	0		0	0		ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	2,696,331	349,268	7.7	2,696,331	2,667,756	1.01	ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	1,042,565	163,579	6.4	1,042,565	1,004,198	1.04	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	134,366	19,786	6.8	134,366	132,678	1.01	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	130,373,875	1,052,612	123.9	127,243,299	122,221,052	1.04	ENC_L3_ENCTYPE
OS (Observation Stay)	99,611	39,513	2.5	99,611	99,576	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	377,830	111,785	3.4	377,830	376,559	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE

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