

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	4,826,456		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	39		
Median	38		
Age group			DEM_L3_AGEYRSDIST2
0-4	223,827	4.6	
5-14	707,887	14.6	
15-21	482,372	10.0	
22-64	2,567,839	53.2	
65+	843,398	17.5	
Missing	1,133	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	1,991,605	41.3	
Y (Yes)	1,196,528	24.8	
Missing or Refused	1,638,323	34.0	
Sex			DEM_L3_SEXDIST
F (Female)	2,586,802	53.6	
M (Male)	2,205,662	45.7	
Missing or Ambiguous	33,992	0.7	
Race			DEM_L3_RACEDIST
White	2,191,560	45.4	
Non-White	795,884	16.4	
Missing or Refused	1,839,012	38.1	

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	2,069,490	47.8	
Non-White	751,461	17.2	
Missing or Refused	1,509,015	34.8	
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	4,826,456	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	4,826,456	100.0	

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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	859,156	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	378,347	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	613,361	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	590,604	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	364,760	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	69%	ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	62%	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	5,931,654		
Height (inches), mean	66		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	6,439,981		
Weight (lbs.), mean	180		
Weight (lbs.), median	175		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	6,432,262		
BMI <=25	2,330,407	36.2	
BMI 26-30	2,008,058	31.2	
BMI >=31	2,093,797	32.6	

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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	4,826,456	04APR2023	4,826,456	4,826,456	---	BIRTH_DATE	1943_May	2017_Dec	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,481,922	04APR2023	1,481,922	1,481,922	---	ENR_START_DATE^	2010_Feb	2022_Jun	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	151,908,869	04APR2023	125,914,775	4,329,966	125,914,775	ADMIT_DATE	2013_Nov	2022_Nov	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	217,213,951	04APR2023	183,639,881	2,972,379	50,225,264	ADMIT_DATE	2013_Dec	2022_Nov	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	197,834,580	04APR2023	161,424,098	2,692,413	30,829,094	ADMIT_DATE	2013_Nov	2022_Oct	PRO_L3_N; XTBL_L3_DATES
DEATH	45,976	04APR2023	45,976	45,976	---	DEATH_DATE	2014_Apr	2022_Oct	DEATH_L3_N; XTBL_L3_DATES
VITAL	8,891,616	04APR2023	7,637,076	852,006	7,637,076	MEASURE_DATE	2014_Jan	2022_Dec	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	245,957,784	04APR2023	211,144,263	795,098	5,111,279	RESULT_DATE	2014_Jan	2022_Nov	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	61,312,873	04APR2023	53,376,085	883,819	11,320,854	RX_ORDER_DATE	2014_Jan	2022_Nov	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	207,268,352	04APR2023	197,427,370	1,659,996	---	DISPENSE_DATE	2014_Nov	2022_Aug	DISP_L3_N; XTBL_L3_DATES
CONDITION	8,279,169	04APR2023	6,343,577	822,929	2,368,854	REPORT_DATE	2013_Dec	2022_Aug	COND_L3_N; XTBL_L3_DATES
PROVIDER	96,920	04APR2023	96,920	---	---	---	---	---	PROV_L3_N
MED_ADMIN	68,741,868	04APR2023	57,578,898	426,343	2,973,682	MEDADMIN_ START_DATE	2013_Dec	2022_Nov	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	37,124,798	04APR2023	31,617,203	743,655	6,929,143	OBSCLIN_START_ DATE	2013_Dec	2022_Nov	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	12,495	04APR2023	12,356	8,256	11,193	OBSGEN_START_ DATE	2015_Jun	2022_Oct	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	80	04APR2023	80	80	---	---	---	---	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	4,826,456	04APR2023	4,826,456	4,826,456	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	4,682,501	04APR2023	4,682,501	4,682,501	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	3,196,142	04APR2023	3,051,019	556,487	1,063,788	VX_RECORD_DATE	2016_Aug	2023_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)	24,493,522	19.5	77,655,827	42.3	48,053,525	29.8
ED (Emergency Dept)	1,049,965	0.8	5,490,510	3.0	4,340,981	2.7
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	693,148	0.6	12,487,488	6.8	35,617,288	22.1
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	14,247,487	11.3	5,146,834	2.8	1,743,896	1.1
OS (Observation Stay)	69,249	0.1	1,514,775	0.8	1,951,561	1.2
TH (Telehealth)	824,056	0.7	8,792,695	4.8	961,302	0.6
Missing, NI, UN or OT	84,537,348	67.1	72,551,752	39.5	68,755,545	42.6
Total	125,914,775		183,639,881		161,424,098	
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)	24,493,522	1,526,212	16.0	24,352,002	21,781,143	1.12	ENC_L3_ENCTYPE
ED (Emergency Dept)	1,049,965	426,872	2.5	1,049,682	891,181	1.18	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)	693,148	243,363	2.8	689,712	621,540	1.11	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	14,247,487	972,374	14.7	14,247,352	13,403,012	1.06	ENC_L3_ENCTYPE
OS (Observation Stay)	69,249	51,825	1.3	69,006	68,799	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	824,056	181,502	4.5	824,056	822,553	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	84,537,348	5,397,192	15.7	76,859,481	69,397,631	1.11	ENC_L3_ENCTYPE

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