

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	4,307,091		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	38		
Median	35		
Age group			DEM_L3_AGEYRSDIST2
0-4	212,213	4.9	
5-14	616,417	14.3	
15-21	440,714	10.2	
22-64	2,313,650	53.7	
65+	724,097	16.8	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	3,212,942	74.6	
Y (Yes)	534,776	12.4	
Missing or Refused	559,373	13.0	
Sex			DEM_L3_SEXDIST
F (Female)	2,181,984	50.7	
M (Male)	2,123,179	49.3	
Missing or Ambiguous	1,928	0.0	
Race			DEM_L3_RACEDIST
White	3,560,551	82.7	
Non-White	233,701	5.4	
Missing or Refused	512,839	11.9	

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	3,288,411	84.0	
Non-White	215,429	5.5	
Missing or Refused	410,118	10.5	
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	4,307,091	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	4,307,091	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	3,094,936	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	1,614,722	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	2,655,241	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	2,440,323	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	1,871,917	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	99%	ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	98%	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	8,208,946		
Height (inches), mean	60		
Height (inches), median	65		
Weight measurements			VIT_L3_WT_DIST
Records	11,087,400		
Weight (lbs.), mean	148		
Weight (lbs.), median	155		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	21,984,486		
BMI <=25	9,471,766	43.1	
BMI 26-30	5,517,791	25.1	
BMI >=31	6,994,929	31.8	

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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	4,307,091	04APR2023	4,307,091	4,307,091	---	BIRTH_DATE	1941_Jun	2018_Mar	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	6,529,137	04APR2023	5,977,315	3,916,401	---	ENR_START_DATE^	2010_Jan	2022_Mar	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	91,946,107	04APR2023	72,652,909	3,914,142	72,652,909	ADMIT_DATE	2013_Dec	2022_Oct	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	276,376,477	04APR2023	236,016,598	3,885,851	59,962,670	ADMIT_DATE	2014_Apr	2022_Dec	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	305,229,063	04APR2023	233,048,584	3,837,211	59,963,813	ADMIT_DATE	2013_Nov	2022_Oct	PRO_L3_N; XTBL_L3_DATES
DEATH	181,306	04APR2023	181,306	181,306	---	DEATH_DATE	2013_Nov	2022_Oct	DEATH_L3_N; XTBL_L3_DATES
VITAL	130,351,205	04APR2023	104,172,881	3,531,197	21,508,972	MEASURE_DATE	2013_Nov	2022_Sep	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	472,578,579	04APR2023	421,036,917	2,823,446	2,597,035	RESULT_DATE	2013_Nov	2022_Oct	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	249,519,574	04APR2023	218,425,723	3,353,844	5,293,773	RX_ORDER_DATE	2014_Jun	2022_Dec	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	81,511,368	04APR2023	80,812,768	1,122,512	---	DISPENSE_DATE	2014_Apr	2022_Dec	DISP_L3_N; XTBL_L3_DATES
CONDITION	33,662,318	04APR2023	31,603,661	2,934,639	0	REPORT_DATE	2014_Mar	2022_Nov	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	200,816	04APR2023	200,816	50,845	---	---	---	---	DEATHC_L3_N
PROVIDER	39,780	04APR2023	39,780	---	---	---	---	---	PROV_L3_N
OBS_CLIN	4,986,836	04APR2023	4,513,285	237,488	0	OBSCLIN_START_DATE	2014_Jan	2020_Oct	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	1,001	04APR2023	952	949	---	---	---	---	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	4,056,790	04APR2023	4,056,790	4,056,790	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	8,784,377	04APR2023	8,784,377	4,303,752	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	51,512,647	04APR2023	27,245,230	2,964,348	1,293,311	VX_RECORD_DATE	2013_Dec	2022_Oct	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)	61,146,551	84.2	173,374,375	73.5	112,908,813	48.4
ED (Emergency Dept)	4,306,310	5.9	25,646,717	10.9	31,447,601	13.5
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	1,784,845	2.5	24,449,853	10.4	63,324,263	27.2
IS (Non-acute Institutional Stay)	8,072	0.0	73,827	0.0	231,162	0.1
OA (Other Ambulatory Visit)	3,675,853	5.1	7,845,519	3.3	11,352,445	4.9
OS (Observation Stay)	0		0		0	
TH (Telehealth)	0		0		0	
Missing, NI, UN or OT	1,731,278	2.4	4,626,307	2.0	13,784,300	5.9
Total	72,652,909		236,016,598		233,048,584	
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)	61,146,551	3,512,835	17.4	56,814,531	50,573,216	1.12	ENC_L3_ENCTYPE
ED (Emergency Dept)	4,306,310	1,659,616	2.6	4,276,427	4,272,465	1.00	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)	1,784,845	1,008,411	1.8	1,784,074	1,781,543	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	8,072	4,358	1.9	8,068	8,061	1.00	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	3,675,853	1,013,254	3.6	3,675,853	3,635,786	1.01	ENC_L3_ENCTYPE
OS (Observation Stay)	0	0		0	0		ENC_L3_ENCTYPE
TH (Telehealth)	0	0		0	0		ENC_L3_ENCTYPE
Missing, NI, UN or OT	1,731,278	793,447	2.2	1,676,144	1,650,037	1.02	ENC_L3_ENCTYPE

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