

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	3,824,314		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	44		
Median	43		
Age group			DEM_L3_AGEYRSDIST2
0-4	149,841	4.0	
5-14	341,414	9.0	
15-21	311,245	8.2	
22-64	2,166,138	56.6	
65+	853,762	22.3	
Missing	1,914	0.1	
Hispanic			DEM_L3_HISPDIST
N (No)	2,905,745	76.0	
Y (Yes)	658,029	17.2	
Missing or Refused	260,540	6.8	
Sex			DEM_L3_SEXDIST
F (Female)	2,127,810	55.6	
M (Male)	1,689,683	44.2	
Missing or Ambiguous	6,821	0.1	
Race			DEM_L3_RACEDIST
White	1,207,826	31.6	
Non-White	718,706	18.8	
Missing or Refused	1,897,782	49.7	

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	1,106,431	31.6	
Non-White	669,506	19.1	
Missing or Refused	1,720,473	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	3,824,314	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	3,824,314	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.

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 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	3,824,314		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	2,097,732	55%	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	905,144	24%	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	1,043,588	50%	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	541,536	26%	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	306,872	15%	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	73%		ENC_L3_N; PRO_L3_N

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.

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	3,438,431		
Height (inches), mean	61		
Height (inches), median	64		
Weight measurements			VIT_L3_WT_DIST
Records	3,699,024		
Weight (lbs.), mean	161		
Weight (lbs.), median	164		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	7,216,807		
BMI <=25	2,527,509	35.0	
BMI 26-30	1,893,969	26.2	
BMI >=31	2,795,329	38.7	

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.

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	3,824,314	21SEP2023	3,824,314	3,824,314	---	BIRTH_DATE	1940_Aug	2017_Aug	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	3,806,105	21SEP2023	3,496,351	3,496,351	---	ENR_START_DATE^	2005_May	2022_Sep	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	115,570,158	21SEP2023	115,439,152	3,496,410	115,439,152	ADMIT_DATE	2014_Nov	2023_Mar	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	77,608,432	21SEP2023	77,489,865	2,551,099	26,685,355	ADMIT_DATE	2014_Aug	2023_Apr	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	43,354,697	21SEP2023	43,276,368	2,569,788	22,142,308	ADMIT_DATE	2014_Jul	2023_Feb	PRO_L3_N; XTBL_L3_DATES
DEATH	50,690	21SEP2023	50,690	48,784	---	DEATH_DATE	2015_Jan	2022_Sep	DEATH_L3_N; XTBL_L3_DATES
VITAL	8,305,093	21SEP2023	8,294,338	1,502,608	7,664,746	MEASURE_DATE	2014_Oct	2023_Jun	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	85,186,372	21SEP2023	85,090,547	962,478	7,816,414	RESULT_DATE	2014_Oct	2023_Apr	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	9,439,073	23SEP2023	9,433,027	904,872	4,910,099	RX_ORDER_DATE	2015_Jan	2023_Jun	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	28,541,210	21SEP2023	28,541,210	687,697	---	DISPENSE_DATE	2020_Sep	2023_Jun	DISP_L3_N; XTBL_L3_DATES
CONDITION	21,732,117	21SEP2023	21,694,371	1,138,670	4,215,168	REPORT_DATE	2014_Sep	2022_Oct	COND_L3_N; XTBL_L3_DATES
PROVIDER	63,472	21SEP2023	63,472	---	---	---	---	---	PROV_L3_N
MED_ADMIN	1,600,357	21SEP2023	1,600,357	76,656	154,291	MEDADMIN_ START_DATE	2021_Jul	2023_Aug	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	46,217,258	21SEP2023	46,140,731	1,504,658	7,758,792	OBSCLIN_START_ DATE	2014_Jul	2023_Apr	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	37	30MAR2023	37	37	---	---	---	---	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	3,824,314	27SEP2023	3,824,314	3,824,314	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	3,824,314	18DEC2021	3,824,314	3,824,314	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	2,995,416	21SEP2023	2,988,462	405,381	2,174,524	VX_RECORD_DATE	2014_Aug	2023_Mar	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)	34,297,140	29.7	51,102,311	65.9	28,033,816	64.8
ED (Emergency Dept)	2,823,751	2.4	5,266,624	6.8	4,298,117	9.9
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	6,413,479	5.6	17,531,712	22.6	8,124,494	18.8
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	1,202,024	1.0	1,212,546	1.6	438,309	1.0
OS (Observation Stay)	0		0		0	
TH (Telehealth)	165,798	0.1	397,127	0.5	194,674	0.4
Missing, NI, UN or OT	70,536,960	61.1	1,979,545	2.6	2,186,958	5.1
Total	115,439,152		77,489,865		43,276,368	
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)	34,297,140	2,410,978	14.2	11,289,214	10,266,383	1.10	ENC_L3_ENCTYPE
ED (Emergency Dept)	2,823,751	973,981	2.9	1,022,445	1,002,871	1.02	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)	6,413,479	684,370	9.4	830,427	588,904	1.41	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	1,202,024	324,774	3.7	1,200,933	1,114,909	1.08	ENC_L3_ENCTYPE
OS (Observation Stay)	0	0		0	0		ENC_L3_ENCTYPE
TH (Telehealth)	165,798	61,814	2.7	165,634	165,455	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	70,536,960	4,345,302	16.2	20,623,407	18,113,036	1.14	ENC_L3_ENCTYPE

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 next to the sum of the above-threshold values or alone if all values are BT.