

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	5,373,313		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	49		
Median	49		
Age group			DEM_L3_AGEYRSDIST2
0-4	140,052	2.6	
5-14	423,179	7.8	
15-21	403,066	7.5	
22-64	2,722,256	50.6	
65+	1,676,549	31.2	
Missing	8,211	0.2	
Hispanic			DEM_L3_HISPDIST
N (No)	2,386,485	44.4	
Y (Yes)	58,845	1.1	
Missing or Refused	2,927,983	54.5	
Sex			DEM_L3_SEXDIST
F (Female)	2,816,223	52.4	
M (Male)	2,531,021	47.1	
Missing or Ambiguous	26,069	0.4	
Race			DEM_L3_RACEDIST
White	3,347,066	62.3	
Non-White	877,337	16.3	
Missing or Refused	1,148,910	21.4	

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	2,326,961	67.0	
Non-White	647,094	18.6	
Missing or Refused	497,354	14.3	
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	5,373,313	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	5,373,313	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	5,373,313		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	2,391,730	45%	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	1,174,052	22%	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	1,926,432	81%	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	1,672,065	70%	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	1,240,837	52%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	85%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	66%		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	17,374,475		
Height (inches), mean	64		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	23,423,449		
Weight (lbs.), mean	166		
Weight (lbs.), median	170		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	13,880,648		
BMI <=25	4,897,312	35.3	
BMI 26-30	3,646,461	26.3	
BMI >=31	5,336,875	38.4	

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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	5,373,313	30SEP2023	5,373,313	5,373,313	---	BIRTH_DATE	1928_Jan	2015_May	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	5,373,304	30SEP2023	3,406,463	3,406,463	---	ENR_START_DATE^	1900_Jan	2022_Jul	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	163,026,730	30SEP2023	122,988,439	3,471,409	122,988,439	ADMIT_DATE	2014_Mar	2022_Dec	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	261,966,015	30SEP2023	214,927,206	2,951,603	38,158,699	ADMIT_DATE	2014_Jul	2023_Apr	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	61,540,518	30SEP2023	49,792,517	2,292,901	22,435,336	ADMIT_DATE	2014_Aug	2023_May	PRO_L3_N; XTBL_L3_DATES
DEATH	191,277	30SEP2023	191,277	191,277	---	DEATH_DATE	2014_Dec	2023_Apr	DEATH_L3_N; XTBL_L3_DATES
VITAL	363,984,616	30SEP2023	306,990,381	2,768,032	20,618,563	MEASURE_DATE	2014_Aug	2023_May	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	838,708,989	30SEP2023	629,436,505	2,049,237	12,754,230	RESULT_DATE	2014_Apr	2023_Apr	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	252,322,032	30SEP2023	166,028,575	2,649,801	18,413,180	RX_ORDER_DATE	2014_Jul	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	
CONDITION	56,257,894	30SEP2023	46,122,415	2,057,642	11,067,123	REPORT_DATE	2014_May	2022_Nov	COND_L3_N; XTBL_L3_DATES
PROVIDER	291,565	30SEP2023	291,565	---	---	---	---	---	PROV_L3_N
PCORNET_TRIAL	26	30SEP2023	26	26	---	---	---	---	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	5,373,313	30SEP2023	5,373,313	5,373,313	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	5,203,569	30SEP2023	5,203,569	5,203,569	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	16,135,302	30SEP2023	9,624,068	1,278,011	2,535,550	VX_RECORD_DATE	2014_Jul	2022_Nov	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)	104,654,594	85.1	141,646,695	65.9	36,528,411	73.4
ED (Emergency Dept)	3,834,890	3.1	28,488,712	13.3	2,121,261	4.3
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	1,665,327	1.4	42,284,877	19.7	10,367,200	20.8
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	0		0		0	
OS (Observation Stay)	155,721	0.1	1,378,333	0.6	314,697	0.6
TH (Telehealth)	783,285	0.6	1,102,226	0.5	450,297	0.9
Missing, NI, UN or OT	11,894,622	9.7	26,363	0.0	10,651	0.0
Total	122,988,439		214,927,206		49,792,517	
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)	104,654,594	3,148,123	33.2	85,124,762	69,119,120	1.23	ENC_L3_ENCTYPE
ED (Emergency Dept)	3,834,890	1,245,993	3.1	3,592,860	3,588,784	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)	1,665,327	764,919	2.2	1,577,951	1,574,061	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	0	0		0	0		ENC_L3_ENCTYPE
OS (Observation Stay)	155,721	119,008	1.3	154,407	154,254	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	783,285	319,690	2.5	779,000	778,531	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	11,894,622	597,628	19.9	11,557,606	2,979,040	3.88	ENC_L3_ENCTYPE

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