

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	2,191,013		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	50		
Median	49		
Age group			DEM_L3_AGEYRSDIST2
0-4	39,133	1.8	
5-14	122,568	5.6	
15-21	129,524	5.9	
22-64	1,247,859	57.0	
65+	643,110	29.3	
Missing	8,819	0.4	
Hispanic			DEM_L3_HISPDIST
N (No)	1,049,244	47.9	
Y (Yes)	29,878	1.4	
Missing or Refused	1,111,891	50.8	
Sex			DEM_L3_SEXDIST
F (Female)	1,108,621	50.6	
M (Male)	1,066,558	48.7	
Missing or Ambiguous	15,834	0.7	
Race			DEM_L3_RACEDIST
White	1,296,269	59.2	
Non-White	133,670	6.1	
Missing or Refused	761,074	34.8	

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	684,386	82.1	
Non-White	80,059	9.5	
Missing or Refused	69,047	8.3	
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	2,191,013	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	2,191,013	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 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	2,191,013		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	613,970	28%	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	318,268	15%	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	475,103	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	441,917	72%	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	339,802	55%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	96%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	88%		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	3,282,046		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	4,856,737		
Weight (lbs.), mean	182		
Weight (lbs.), median	179		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	2,953,583		
BMI <=25	1,005,651	34.0	
BMI 26-30	751,093	25.4	
BMI >=31	1,196,839	40.5	

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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	2,191,013	13OCT2023	2,191,013	2,191,013	---	BIRTH_DATE	1921_Mar	2012_Jul	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,260,643	13OCT2023	835,617	835,617	---	ENR_START_DATE^	1999_Aug	2022_Oct	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	27,091,873	13OCT2023	13,343,868	833,492	13,343,868	ADMIT_DATE	2014_Jun	2023_Jun	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	69,486,096	12OCT2023	43,538,878	796,466	11,849,972	ADMIT_DATE	2014_Jul	2023_May	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	48,804,445	10OCT2023	30,885,722	736,304	10,436,435	ADMIT_DATE	2014_May	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	361,341	13OCT2023	361,341	308,618	---	DEATH_DATE	2014_Jun	2022_Dec	DEATH_L3_N; XTBL_L3_DATES
VITAL	41,217,769	12OCT2023	31,156,661	775,198	6,087,676	MEASURE_DATE	2014_Aug	2023_Jun	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	182,768,397	12OCT2023	143,388,414	539,391	3,038,037	RESULT_DATE	2014_Jul	2023_Jun	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	95,077,889	12OCT2023	72,156,601	777,784	6,251,335	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	
DISPENSING	3,879,719	13OCT2023	3,879,719	218,101	---	DISPENSE_DATE	2015_Jul	2023_May	DISP_L3_N; XTBL_L3_DATES
CONDITION	3,004,763	12OCT2023	2,758,651	500,023	0	REPORT_DATE	2014_Jan	2023_Jul	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	15,889	13OCT2023	15,889	15,546	---	---	---	---	DEATHC_L3_N
PRO_CM	30,818,477	12OCT2023	22,317,742	764,366	6,368,705	PRO_DATE	2014_Jun	2023_May	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	39,261	13OCT2023	39,261	---	---	---	---	---	PROV_L3_N
MED_ADMIN	42,761,288	12OCT2023	34,914,748	509,668	2,109,573	MEDADMIN_ START_DATE	2014_Jun	2023_May	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	508,196,005	12OCT2023	339,183,626	868,422	8,237,727	OBSCLIN_START_ DATE	2014_Jun	2023_May	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	118,762,160	12OCT2023	84,771,432	893,807	10,380,051	OBSGEN_START_ DATE	2014_Aug	2023_Jan	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	291	13OCT2023	291	290	---	---	---	---	TRIAL_L3_N

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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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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	2,191,013	13OCT2023	2,191,013	2,191,013	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	1,621,679	13OCT2023	1,621,679	1,598,624	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	4,035,736	12OCT2023	2,177,579	360,596	883,595	VX_RECORD_DATE	2014_Jul	2022_Dec	IMMUNE_L3_N; XTBL_L3_DATES
LAB_HISTORY	51,065		51,065	---	---	---	---	---	LABHIST_L3_N

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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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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)	11,865,700	88.9	31,636,807	72.7	20,139,702	65.2
ED (Emergency Dept)	732,911	5.5	3,478,084	8.0	2,686,797	8.7
EI (ED to IP Stay)	167,897	1.3	4,660,257	10.7	4,520,591	14.6
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	221,644	1.7	2,871,308	6.6	3,185,453	10.3
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	0		0		0	
OS (Observation Stay)	0		0		0	
TH (Telehealth)	355,716	2.7	892,422	2.0	353,179	1.1
Missing, NI, UN or OT	0		0		0	
Total	13,343,868		43,538,878		30,885,722	
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)	11,865,700	773,124	15.3	11,865,700	11,087,883	1.07	ENC_L3_ENCTYPE
ED (Emergency Dept)	732,911	243,565	3.0	732,911	724,954	1.01	ENC_L3_ENCTYPE
EI (ED to IP Stay)	167,897	97,237	1.7	167,897	167,883	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	221,644	137,970	1.6	221,644	217,795	1.02	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)	0	0		0	0		ENC_L3_ENCTYPE
TH (Telehealth)	355,716	91,206	3.9	355,716	352,794	1.01	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE

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