

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	1,115,418		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	45		
Median	44		
Age group			DEM_L3_AGEYRSDIST2
0-4	29,563	2.6	
5-14	94,328	8.5	
15-21	80,934	7.3	
22-64	633,289	56.8	
65+	277,304	24.8	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	898,832	80.6	
Y (Yes)	89,177	8.0	
Missing or Refused	127,409	11.5	
Sex			DEM_L3_SEXDIST
F (Female)	595,097	53.4	
M (Male)	518,594	46.5	
Missing or Ambiguous	1,727	0.2	
Race			DEM_L3_RACEDIST
White	798,450	71.6	
Non-White	125,205	11.2	
Missing or Refused	191,763	17.1	

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	784,231	72.3	
Non-White	123,342	11.3	
Missing or Refused	177,407	16.2	
Gender Identity			DEM_L3_GENDERDIST
GQ (Genderqueer/Non-Binary)	456	0.0	
M (Man)	39,798	3.6	
W (Woman)	64,075	5.7	
MU (Multiple gender categories), SE (Something else), TF (Transgender female/Trans woman/Male-to-female), or TM (Transgender male/Trans man/Female-to-male)	645	0.0	
Missing or Refused	1,010,444	90.6	
Sexual Orientation			DEM_L3_ORIENTDIST
Bisexual	3,773	0.3	
Gay	2,197	0.2	
Lesbian	1,197	0.1	
Queer	0	0.0	
Straight	123,493	11.1	
AS (Asexual), MU (Multiple sexual orientations), SE (Something else), QS (Questioning)	671	0.1	
Missing or Refused	984,087	88.2	

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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	1,115,418		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	682,813	61%	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	321,348	29%	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	623,911	91%	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	576,560	84%	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	424,337	62%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	88%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	86%		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	7,959,499		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	10,839,459		
Weight (lbs.), mean	182		
Weight (lbs.), median	180		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	7,803,552		
BMI <=25	2,316,583	29.7	
BMI 26-30	2,147,160	27.5	
BMI >=31	3,339,809	42.8	

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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	1,115,418	15NOV2022	1,115,418	1,115,418	---	BIRTH_DATE	1938_May	2015_Nov	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	298,865	15NOV2022	298,865	298,865	---	ENR_START_DATE^	2020_Oct	2023_Mar	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	29,377,403	15NOV2022	27,534,360	1,084,980	27,534,360	ADMIT_DATE	2014_Sep	2023_May	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	43,292,778	15NOV2022	40,843,021	958,652	20,532,772	ADMIT_DATE	2014_Sep	2023_Jun	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	62,290,170	15NOV2022	58,057,484	938,204	14,990,336	ADMIT_DATE	2014_Jul	2023_May	PRO_L3_N; XTBL_L3_DATES
DEATH	50,438	15NOV2022	50,438	50,438	---	DEATH_DATE	2014_Oct	2023_Apr	DEATH_L3_N; XTBL_L3_DATES
VITAL	53,888,082	15NOV2022	50,671,250	895,672	9,509,149	MEASURE_DATE	2014_Jun	2023_May	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	206,356,864	15NOV2022	193,602,538	648,346	5,047,434	RESULT_DATE	2014_Jul	2023_May	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	64,807,411	15NOV2022	60,975,873	849,884	12,954,154	RX_ORDER_DATE	2014_Aug	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	76,185,805	15NOV2022	71,327,911	797,741	---	DISPENSE_DATE	2014_Dec	2023_Mar	DISP_L3_N; XTBL_L3_DATES
CONDITION	11,568,124	15NOV2022	9,414,661	781,214	1,365,675	REPORT_DATE	2014_May	2023_Apr	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	5	15NOV2022	5	3	---	---	---	---	DEATHC_L3_N
PRO_CM	26,502,868	15NOV2022	25,322,708	734,306	4,081,101	PRO_DATE	2014_Sep	2023_Jun	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	124,064	15NOV2022	124,064	---	---	---	---	---	PROV_L3_N
MED_ADMIN	58,905,975	15NOV2022	55,365,665	554,072	2,667,263	MEDADMIN_ START_DATE	2014_Jun	2023_May	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	646,276,171	15NOV2022	611,275,450	876,011	8,986,871	OBSCLIN_START_ DATE	2014_Jun	2023_Apr	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	118,715,605	15NOV2022	109,251,102	1,061,840	9,155,867	OBSGEN_START_ DATE	2014_Sep	2023_Jun	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	176	30SEP2023	176	176	---	---	---	---	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	1,115,418	15NOV2022	1,115,418	1,115,418	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	1,827,830	15NOV2022	1,827,830	1,103,208	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	5,278,309	15NOV2022	4,742,676	479,981	1,022,777	VX_RECORD_DATE	2016_Jul	2023_Jun	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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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)	11,910,768	43.3	25,149,152	61.6	25,990,669	44.8
ED (Emergency Dept)	794,638	2.9	1,423,555	3.5	4,830,600	8.3
EI (ED to IP Stay)	189,313	0.7	932,168	2.3	11,258,221	19.4
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	187,425	0.7	510,099	1.2	9,623,576	16.6
IS (Non-acute Institutional Stay)	108	0.0	70	0.0	45	0.0
OA (Other Ambulatory Visit)	13,899,925	50.5	11,406,188	27.9	3,811,151	6.6
OS (Observation Stay)	84,496	0.3	248,958	0.6	1,839,677	3.2
TH (Telehealth)	467,687	1.7	1,172,831	2.9	703,545	1.2
Missing, NI, UN or OT	0		0		0	
Total	27,534,360		40,843,021		58,057,484	
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)	11,910,768	786,580	15.1	10,706,175	9,767,148	1.10	ENC_L3_ENCTYPE
ED (Emergency Dept)	794,638	311,222	2.6	794,638	793,804	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	189,313	100,437	1.9	189,310	189,304	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	187,425	130,819	1.4	187,420	187,362	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	108	108	1.0	108	108	1.00	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	13,899,925	823,077	16.9	13,519,379	12,749,854	1.06	ENC_L3_ENCTYPE
OS (Observation Stay)	84,496	59,648	1.4	84,496	84,484	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	467,687	127,301	3.7	465,939	465,041	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE

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