

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	1,093,534		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	45		
Median	43		
Age group			DEM_L3_AGEYRSDIST2
0-4	30,204	2.8	
5-14	94,740	8.7	
15-21	79,851	7.3	
22-64	620,606	56.7	
65+	268,133	24.5	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	882,098	80.7	
Y (Yes)	85,857	7.9	
Missing or Refused	125,579	11.5	
Sex			DEM_L3_SEXDIST
F (Female)	583,506	53.4	
M (Male)	508,288	46.5	
Missing or Ambiguous	1,740	0.2	
Race			DEM_L3_RACEDIST
White	783,715	71.7	
Non-White	122,264	11.2	
Missing or Refused	187,555	17.0	

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 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	770,785	72.4	
Non-White	120,628	11.4	
Missing or Refused	173,679	16.2	
Gender Identity			DEM_L3_GENDERDIST
GQ (Genderqueer/Non-Binary)	380	0.0	
M (Man)	37,213	3.4	
W (Woman)	60,110	5.5	
MU (Multiple gender categories), SE (Something else), TF (Transgender female/Trans woman/Male-to-female), or TM (Transgender male/Trans man/Female-to-male)	609	0.0	
Missing or Refused	995,222	91.0	
Sexual Orientation			DEM_L3_ORIENTDIST
Bisexual	3,515	0.3	
Gay	2,095	0.2	
Lesbian	1,112	0.1	
Queer	0	0.0	
Straight	117,841	10.8	
AS (Asexual), MU (Multiple sexual orientations), SE (Something else), QS (Questioning)	607	0.1	
Missing or Refused	968,364	88.5	

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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	686,329	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	323,777	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	629,612	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	607,214	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	432,677	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	87%	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	7,703,409		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	10,506,833		
Weight (lbs.), mean	182		
Weight (lbs.), median	180		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	7,548,676		
BMI <=25	2,260,962	30.0	
BMI 26-30	2,076,530	27.5	
BMI >=31	3,211,184	42.5	

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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	1,093,534	15NOV2022	1,093,534	1,093,534	---	BIRTH_DATE	1937_Dec	2015_Jul	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	289,767	15NOV2022	289,767	289,767	---	ENR_START_DATE^	2020_Apr	2022_Sep	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	27,437,827	15NOV2022	26,234,545	1,065,092	26,234,545	ADMIT_DATE	2014_Feb	2022_Nov	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	40,259,155	15NOV2022	38,740,973	938,603	19,556,181	ADMIT_DATE	2014_Feb	2022_Nov	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	58,760,196	15NOV2022	56,104,540	921,538	14,404,957	ADMIT_DATE	2013_Dec	2022_Nov	PRO_L3_N; XTBL_L3_DATES
DEATH	48,533	15NOV2022	48,533	48,533	---	DEATH_DATE	2014_Mar	2022_Oct	DEATH_L3_N; XTBL_L3_DATES
VITAL	51,011,823	15NOV2022	49,072,589	878,375	9,141,591	MEASURE_DATE	2014_Jan	2022_Nov	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	194,756,951	15NOV2022	186,788,860	633,818	4,883,543	RESULT_DATE	2014_Jan	2022_Nov	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	60,932,067	15NOV2022	58,489,779	832,974	12,365,502	RX_ORDER_DATE	2014_Feb	2022_Nov	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	70,764,413	15NOV2022	66,984,008	765,367	---	DISPENSE_DATE	2014_Jul	2022_Oct	DISP_L3_N; XTBL_L3_DATES
CONDITION	11,117,627	15NOV2022	9,290,273	772,300	1,341,259	REPORT_DATE	2013_Oct	2022_Oct	COND_L3_N; XTBL_L3_DATES
DEATH_CAUSE	5	15NOV2022	5	2	---	---	---	---	DEATHC_L3_N
PRO_CM	23,377,896	15NOV2022	22,675,900	713,433	3,835,803	PRO_DATE	2014_Mar	2022_Nov	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	116,839	15NOV2022	116,839	---	---	---	---	---	PROV_L3_N
MED_ADMIN	70,654,470	15NOV2022	67,910,470	541,261	2,558,738	MEDADMIN_ START_DATE	2013_Dec	2022_Nov	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	573,637,709	15NOV2022	553,554,478	858,222	8,638,637	OBSCLIN_START_ DATE	2014_Jan	2022_Nov	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	112,183,222	15NOV2022	105,016,983	1,040,892	8,781,115	OBSGEN_START_ DATE	2014_Mar	2022_Dec	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	150	03APR2023	150	150	---	---	---	---	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.

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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	1,093,534	15NOV2022	1,093,534	1,093,534	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	1,823,154	15NOV2022	1,823,154	1,081,211	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	4,929,694	15NOV2022	4,408,838	452,854	969,534	VX_RECORD_DATE	2016_Mar	2023_Jan	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)	11,467,993	43.7	23,955,108	61.8	24,995,687	44.6
ED (Emergency Dept)	777,751	3.0	1,363,102	3.5	4,679,169	8.3
EI (ED to IP Stay)	183,947	0.7	939,874	2.4	10,836,933	19.3
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	186,812	0.7	555,824	1.4	9,544,680	17.0
IS (Non-acute Institutional Stay)	117	0.0	74	0.0	45	0.0
OA (Other Ambulatory Visit)	13,115,135	50.0	10,623,452	27.4	3,638,545	6.5
OS (Observation Stay)	81,331	0.3	245,499	0.6	1,760,166	3.1
TH (Telehealth)	421,459	1.6	1,058,040	2.7	649,315	1.2
Missing, NI, UN or OT	0		0		0	
Total	26,234,545		38,740,973		56,104,540	
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)	11,467,993	770,652	14.9	10,399,474	9,434,974	1.10	ENC_L3_ENCTYPE
ED (Emergency Dept)	777,751	305,000	2.6	777,751	776,954	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	183,947	97,925	1.9	183,944	183,938	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	186,812	130,042	1.4	186,807	186,745	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	117	114	1.0	117	114	1.03	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	13,115,135	804,419	16.3	12,752,722	12,020,321	1.06	ENC_L3_ENCTYPE
OS (Observation Stay)	81,331	57,627	1.4	81,331	81,322	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	421,459	120,090	3.5	419,875	419,014	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE

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