

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	1,303,277		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	43		
Median	41		
Age group			DEM_L3_AGEYRSDIST2
0-4	44,472	3.4	
5-14	139,233	10.7	
15-21	113,984	8.7	
22-64	693,934	53.2	
65+	311,654	23.9	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	1,033,623	79.3	
Y (Yes)	55,409	4.3	
Missing or Refused	214,245	16.4	
Sex			DEM_L3_SEXDIST
F (Female)	678,088	52.0	
M (Male)	624,288	47.9	
Missing or Ambiguous	901	0.1	
Race			DEM_L3_RACEDIST
White	1,005,668	77.2	
Non-White	132,439	10.1	
Missing or Refused	165,170	12.6	

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	906,167	77.8	
Non-White	122,171	10.4	
Missing or Refused	135,977	11.7	
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	1,303,277	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	1,303,277	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 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	730,863	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	364,797	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	647,013	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	449,114	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	345,580	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	4,770,452		
Height (inches), mean	62		
Height (inches), median	65		
Weight measurements			VIT_L3_WT_DIST
Records	8,775,278		
Weight (lbs.), mean	158		
Weight (lbs.), median	164		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	4,565,785		
BMI <=25	2,021,891	44.3	
BMI 26-30	1,046,018	22.9	
BMI >=31	1,497,876	32.8	

Cell counts between 1 and the low-cell count threshold are displayed as BT and treated as missing.

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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	1,303,277	05APR2023	1,303,277	1,303,277	---	BIRTH_DATE	1937_Jan	2016_Jun	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,302,662	05APR2023	1,191,495	1,191,495	---	ENR_START_DATE^	2001_Apr	2021_Sep	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	40,972,855	05APR2023	33,738,064	1,164,315	33,738,064	ADMIT_DATE	2013_Dec	2022_Nov	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	94,926,607	05APR2023	80,752,154	1,029,810	17,453,814	ADMIT_DATE	2013_Dec	2022_Nov	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	143,382,232	05APR2023	114,516,784	1,011,271	14,015,495	ADMIT_DATE	2013_Nov	2022_Oct	PRO_L3_N; XTBL_L3_DATES
DEATH	94,077	05APR2023	94,077	75,258	---	DEATH_DATE	2013_Aug	2022_Jul	DEATH_L3_N; XTBL_L3_DATES
VITAL	259,692,648	05APR2023	210,953,315	973,177	10,542,463	MEASURE_DATE	2013_Nov	2022_Oct	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	169,313,140	05APR2023	135,402,046	626,833	3,835,793	RESULT_DATE	2013_Nov	2022_Nov	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	16,150,195	05APR2023	13,041,426	676,286	7,115,124	RX_ORDER_DATE	2013_Nov	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	5,013,443	05APR2023	5,013,304	286,916	---	DISPENSE_DATE	2016_Feb	2022_Dec	DISP_L3_N; XTBL_L3_DATES
CONDITION	15,200,870	05APR2023	12,690,962	819,851	0	REPORT_DATE	2013_Dec	2022_Nov	COND_L3_N; XTBL_L3_DATES
PROVIDER	267,106	05APR2023	267,106	---	---	---	---	---	PROV_L3_N
MED_ADMIN	103,307,287	05APR2023	82,873,534	599,329	2,932,686	MEDADMIN_ START_DATE	2013_Nov	2022_Oct	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	260,599,992	05APR2023	210,885,353	903,051	8,434,469	OBSCLIN_START_ DATE	2013_Nov	2022_Oct	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	2,572,872	05APR2023	2,080,728	986,569	59,340	OBSGEN_START_ DATE	2014_Jun	2022_Dec	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	1	05APR2023	1	1	---	---	---	---	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	1,303,277	05APR2023	1,303,277	1,303,277	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	3,924,904	05APR2023	3,924,904	1,303,277	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	9,309,432	05APR2023	9,251,651	603,450	1,520,538	VX_RECORD_DATE	2016_May	2022_Dec	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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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)	14,310,224	42.4	61,862,878	76.6	59,626,736	52.1
ED (Emergency Dept)	416,224	1.2	2,673,781	3.3	5,649,107	4.9
EI (ED to IP Stay)	144,373	0.4	4,001,291	5.0	21,637,382	18.9
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	226,157	0.7	4,022,612	5.0	25,888,280	22.6
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	13,869,741	41.1	4,369,287	5.4	1	0.0
OS (Observation Stay)	40,524	0.1	278,660	0.3	678,731	0.6
TH (Telehealth)	408,344	1.2	1,599,034	2.0	733,990	0.6
Missing, NI, UN or OT	4,322,477	12.8	1,944,611	2.4	302,557	0.3
Total	33,738,064		80,752,154		114,516,784	
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)	14,310,224	987,427	14.5	13,988,355	13,848,793	1.01	ENC_L3_ENCTYPE
ED (Emergency Dept)	416,224	197,462	2.1	59,689	59,611	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	144,373	94,494	1.5	18,144	18,143	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	226,157	151,878	1.5	33,755	33,356	1.01	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	13,869,741	772,353	18.0	10,572,469	10,217,842	1.03	ENC_L3_ENCTYPE
OS (Observation Stay)	40,524	25,671	1.6	7,098	7,074	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	408,344	155,838	2.6	408,344	407,757	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	4,322,477	811,637	5.3	4,115,399	4,003,677	1.03	ENC_L3_ENCTYPE

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