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	1,414,837		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	42		
Median	39		
Age group			DEM_L3_AGEYRSDIST2
0-4	42,908	3.0	
5-14	131,052	9.2	
15-21	117,498	8.3	
22-64	851,242	60.2	
65+	272,137	19.2	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	1,014,301	71.7	
Y (Yes)	178,375	12.6	
Missing or Refused	222,161	15.7	
Sex			DEM_L3_SEXDIST
F (Female)	739,364	52.3	
M (Male)	675,232	47.7	
Missing or Ambiguous	241	0.0	
Race			DEM_L3_RACEDIST
White	1,004,480	71.0	
Non-White	84,692	6.1	
Missing or Refused	325,665	23.0	

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	979,495	71.3	
Non-White	82,763	6.1	
Missing or Refused	311,962	22.6	
Gender Identity			DEM_L3_GENDERDIST
GQ (Genderqueer/Non-Binary)	0	0.0	
M (Man)	81,752	5.8	
W (Woman)	109,582	7.7	
MU (Multiple gender categories), SE (Something else), TF (Transgender female/Trans woman/Male-to-female), or TM (Transgender male/Trans man/Female-to-male)	1,935	0.2	
Missing or Refused	1,221,568	86.4	
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	1,414,837	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.

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 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	1,059,528	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	539,102	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	862,146	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	773,962	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	505,926	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	97%	ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	91%	ENC_L3_N; PRO_L3_N

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.

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	7,211,922		
Height (inches), mean	64		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	8,494,505		
Weight (lbs.), mean	174		
Weight (lbs.), median	171		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	7,515,681		
BMI <=25	3,074,348	40.9	
BMI 26-30	2,040,083	27.1	
BMI >=31	2,401,250	31.9	

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.

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.

| | All Data | | Characterized Data | | | Characterized Data Range | | | |
Table	Records	Refresh Date	Records	Patients	Encounters	Field name	5th Percentile	95th Percentile	Source Tables
DEMOGRAPHIC	1,414,837	07JAN2022	1,414,837	1,414,837	---	BIRTH_DATE	1940_Dec	2014_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENROLLMENT	1,414,837	07JAN2022	1,382,252	1,382,252	---	ENR_START_DATE^	2011_Feb	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENCOUNTER	20,689,268	07JAN2022	19,591,580	1,374,220	19,591,580	ADMIT_DATE	2012_Nov	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DIAGNOSIS	74,675,503	07JAN2022	71,203,214	1,338,343	18,264,255	ADMIT_DATE	2012_Dec	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROCEDURES	79,921,781	07JAN2022	75,363,690	1,255,838	17,264,084	ADMIT_DATE	2012_Oct	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DEATH	36,449	07JAN2022	36,449	33,410	---	DEATH_DATE	2013_Apr	2021_May	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
VITAL	12,645,221	07JAN2022	12,077,581	1,179,202	12,077,581	MEASURE_DATE	2012_Dec	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
LAB_RESULT_CM	140,671,216	07JAN2022	132,388,917	830,097	4,830,014	RESULT_DATE	2012_Oct	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PRESCRIBING	44,323,734	07JAN2022	41,573,056	931,991	6,664,451	RX_ORDER_DATE	2012_Sep	2021_Aug	XTBL_L3_REFRESH_DATE; 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.
The source for the total number of records is the DATAMART_ALL 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 | | | |
	Records	Refresh Date	Records	Patients	Encounters	Field name	5th Percentile	95th Percentile	Source Tables
DISPENSING	233,460,470	07JAN2022	230,993,501	916,471	---	DISPENSE_DATE	2013_Dec	2021_May	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
CONDITION	3,043,715	07JAN2022	2,958,689	699,617	1,818,686	REPORT_DATE	2013_Jan	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PRO_CM	272	07JAN2022	272	46	46	PRO_DATE	2016_Aug	2017_Apr	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROVIDER	6,531	07JAN2022	6,531	---	---	---	---	---	XTBL_L3_REFRESH_DATE
MED_ADMIN	35,107,178	07JAN2022	35,107,178	514,699	2,075,559	MEDADMIN_START_DATE	2014_Oct	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_CLIN	149,374,988	07JAN2022	141,656,368	1,127,721	10,018,895	OBSCLIN_START_DATE	2012_Nov	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_GEN	665,478	07JAN2022	665,478	664,431	1,023	OBSGEN_START_DATE	2022_Jan	2022_Jan	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PCORNET_TRIAL	527	07JAN2022	527	527	---	---	---	---	XTBL_L3_REFRESH_DATE

^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.
The source for the total number of records is the DATAMART_ALL 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	1,414,837	07JAN2022	1,414,837	1,414,837	---	---	---	---	XTBL_L3_REFRESH_DATE
LDS_ADDRESS_HISTORY	2,436,414	07JAN2022	2,436,414	1,397,135	---	---	---	---	XTBL_L3_REFRESH_DATE
IMMUNIZATION	3,894,691	07JAN2022	3,894,691	567,744	1,021,301	VX_RECORD_DATE	2017_May	2021_Nov	XTBL_L3_REFRESH_DATE; 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.
The source for the total number of records is the DATAMART_ALL 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)	18,425,714	94.0	57,051,261	80.1	47,199,793	62.6
ED (Emergency Dept)	504,329	2.6	2,473,050	3.5	4,482,812	5.9
EI (ED to IP Stay)	89,764	0.5	3,827,044	5.4	7,908,467	10.5
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	318,669	1.6	6,833,696	9.6	15,417,005	20.5
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	0		0		0	
OS (Observation Stay)	0		0		0	
TH (Telehealth)	252,301	1.3	1,018,154	1.4	355,603	0.5
Missing, NI, UN or OT	803	0.0	9	0.0	10	0.0
Total	19,591,580		71,203,214		75,363,690	
Source table	ENC_L3_ENCTYPE		DIA_L3_ENCTYPE		PRO_L3_ENCTTPE	

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

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)	18,425,714	1,289,209	14.3	17,228,995	15,377,172	1.12	ENC_L3_ENCTYPE
ED (Emergency Dept)	504,329	221,444	2.3	467,757	448,305	1.04	ENC_L3_ENCTYPE
EI (ED to IP Stay)	89,764	59,059	1.5	89,460	89,457	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	318,669	192,697	1.7	311,534	299,438	1.04	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)	252,301	115,339	2.2	234,393	234,291	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	803	51	15.7	2	2	1.00	ENC_L3_ENCTYPE

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 next to the sum of the above-threshold values or alone if all values are BT.