

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	2,144,807		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	49		
Median	49		
Age group			DEM_L3_AGEYRSDIST2
0-4	40,307	1.9	
5-14	127,666	6.0	
15-21	131,873	6.2	
22-64	1,231,459	57.4	
65+	604,695	28.2	
Missing	8,807	0.4	
Hispanic			DEM_L3_HISPDIST
N (No)	981,868	45.8	
Y (Yes)	25,933	1.2	
Missing or Refused	1,137,006	53.0	
Sex			DEM_L3_SEXDIST
F (Female)	1,088,773	50.8	
M (Male)	1,042,033	48.6	
Missing or Ambiguous	14,001	0.7	
Race			DEM_L3_RACEDIST
White	1,251,115	58.3	
Non-White	126,530	5.9	
Missing or Refused	767,162	35.8	

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	619,401	81.8	
Non-White	72,191	9.5	
Missing or Refused	65,322	8.6	
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	2,144,807	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	2,144,807	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 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	526,776	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	269,022	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	411,588	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	383,911	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	287,276	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	94%	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	2,814,301		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	4,056,067		
Weight (lbs.), mean	181		
Weight (lbs.), median	176		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	2,241,577		
BMI <=25	789,524	35.2	
BMI 26-30	564,428	25.2	
BMI >=31	887,625	39.6	

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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	2,144,807	05JAN2022	2,144,807	2,144,807	---	BIRTH_DATE	1920_Dec	2011_Apr	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENROLLMENT	1,148,618	05JAN2022	758,502	758,502	---	ENR_START_DATE^	1999_Nov	2021_Apr	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENCOUNTER	22,366,588	05JAN2022	12,077,314	756,914	12,077,314	ADMIT_DATE	2012_Aug	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DIAGNOSIS	59,804,794	04JAN2022	40,510,223	732,629	10,832,146	ADMIT_DATE	2012_Oct	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROCEDURES	42,735,232	01JAN2022	28,971,130	712,840	9,785,876	ADMIT_DATE	2012_Sep	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DEATH	305,950	05JAN2022	305,950	258,661	---	DEATH_DATE	2012_Jul	2021_Jan	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
VITAL	34,220,247	03JAN2022	27,010,955	664,871	5,281,921	MEASURE_DATE	2012_Nov	2021_Oct	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
LAB_RESULT_CM	140,107,541	03JAN2022	119,090,364	443,622	2,569,907	RESULT_DATE	2012_Oct	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PRESCRIBING	72,718,563	03JAN2022	58,515,197	613,993	5,224,538	RX_ORDER_DATE	2012_Sep	2021_Jul	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			Source Tables
	Records	Refresh Date	Records	Patients	Encounters	Field name	5th Percentile	95th Percentile	
DISPENSING	3,158,106	04JAN2022	3,158,106	179,916	---	DISPENSE_DATE	2015_May	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
CONDITION	2,297,463	03JAN2022	2,185,718	436,285	0	REPORT_DATE	2013_Jun	2021_Oct	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DEATH_CAUSE	14,190	05JAN2022	14,190	13,923	---	---	---	---	XTBL_L3_REFRESH_DATE
PRO_CM	24,369,451	21OCT2021	18,896,404	569,381	5,421,062	PRO_DATE	2012_Sep	2021_May	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROVIDER	28,814	05JAN2022	28,814	---	---	---	---	---	XTBL_L3_REFRESH_DATE
MED_ADMIN	34,904,036	03JAN2022	31,462,770	432,519	1,782,701	MEDADMIN_START_DATE	2012_Sep	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_CLIN	32,977,495	03JAN2022	24,720,500	574,358	2,442,611	OBSCLIN_START_DATE	2012_Oct	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_GEN	2,557,786	02JAN2022	1,426,504	615,584	0	OBSGEN_START_DATE	2012_Jul	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PCORNET_TRIAL	228	05JAN2022	228	228	---	---	---	---	XTBL_L3_REFRESH_DATE

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Table 1D. Records, Refresh Dates, Patients, Encounters, and Date Ranges by Table (continued - page 3 of 3)

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Table	All Data		Characterized Data			Characterized Data Range			Source Tables
	Records	Refresh Date	Records	Patients	Encounters	Field name	5th Percentile	95th Percentile	
HASH_TOKEN	2,144,807	05JAN2022	2,144,807	2,144,807	---	---	---	---	XTBL_L3_REFRESH_DATE
LDS_ADDRESS_HISTORY	2,203,300	05JAN2022	2,203,300	1,593,859	---	---	---	---	XTBL_L3_REFRESH_DATE
IMMUNIZATION	854,979	07DEC2021	799,140	203,930	558,397	VX_RECORD_DATE	2012_Oct	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
LAB_HISTORY	31,529		31,529	---	---	---	---	---	LABHIST_L3_N

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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)	10,755,285	89.1	28,760,522	71.0	18,963,031	65.5
ED (Emergency Dept)	674,860	5.6	3,351,178	8.3	2,426,271	8.4
EI (ED to IP Stay)	158,488	1.3	4,536,457	11.2	4,143,322	14.3
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	177,647	1.5	3,106,207	7.7	3,108,947	10.7
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	0		0		0	
OS (Observation Stay)	0		0		0	
TH (Telehealth)	311,034	2.6	755,859	1.9	329,559	1.1
Missing, NI, UN or OT	0		0		0	
Total	12,077,314		40,510,223		28,971,130	
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)	10,755,285	696,347	15.4	10,755,285	10,046,550	1.07	ENC_L3_ENCTYPE
ED (Emergency Dept)	674,860	228,232	3.0	674,860	667,562	1.01	ENC_L3_ENCTYPE
EI (ED to IP Stay)	158,488	92,156	1.7	158,488	158,478	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	177,647	119,559	1.5	177,647	175,831	1.01	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)	311,034	75,827	4.1	311,034	308,205	1.01	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE

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