

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	1,088,160		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	46		
Median	46		
Age group			DEM_L3_AGEYRSDIST2
0-4	24,887	2.3	
5-14	100,892	9.3	
15-21	82,205	7.5	
22-64	582,167	53.5	
65+	298,009	27.4	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	706,663	64.9	
Y (Yes)	23,131	2.1	
Missing or Refused	358,366	32.9	
Sex			DEM_L3_SEXDIST
F (Female)	551,150	50.6	
M (Male)	536,987	49.3	
Missing or Ambiguous	23	0.0	
Race			DEM_L3_RACEDIST
White	700,894	64.4	
Non-White	38,999	3.5	
Missing or Refused	348,267	32.1	

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	682,219	66.0	
Non-White	38,014	3.6	
Missing or Refused	313,543	30.3	
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	1,088,160	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	1,088,160	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	642,177	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	377,092	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	495,460	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	451,454	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	387,846	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	91%	ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	84%	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	7,906,441		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	14,200,197		
Weight (lbs.), mean	177		
Weight (lbs.), median	178		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	7,825,100		
BMI <=25	2,284,227	29.2	
BMI 26-30	2,141,905	27.4	
BMI >=31	3,398,968	43.4	

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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	1,088,160	21DEC2021	1,088,160	1,088,160	---	BIRTH_DATE	1933_Feb	2013_Jun	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENROLLMENT	1,088,160	21DEC2021	1,033,779	1,033,779	---	ENR_START_DATE^	2010_Jan	2019_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENCOUNTER	213,494,202	21DEC2021	182,327,582	1,033,776	182,327,582	ADMIT_DATE	2012_Jul	2021_Jun	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DIAGNOSIS	155,217,164	21DEC2021	124,542,528	943,206	41,350,011	ADMIT_DATE	2012_May	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROCEDURES	84,050,480	21DEC2021	68,006,932	864,762	33,687,340	ADMIT_DATE	2012_Jun	2021_Jun	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DEATH	84,105	21DEC2021	84,105	84,105	---	DEATH_DATE	2012_Aug	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
VITAL	20,129,888	21DEC2021	16,349,778	743,226	12,174,602	MEASURE_DATE	2012_Jun	2021_Jun	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
LAB_RESULT_CM	296,755,806	21DEC2021	254,947,020	699,236	14,108,115	RESULT_DATE	2012_Jul	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PRESCRIBING	73,215,956	21DEC2021	65,312,455	744,423	25,246,886	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			Source Tables
	Records	Refresh Date	Records	Patients	Encounters	Field name	5th Percentile	95th Percentile	
DISPENSING	37,066,506	21DEC2021	32,293,118	456,556	---	DISPENSE_DATE	2012_Aug	2021_Jun	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
CONDITION	30,633,596	21DEC2021	26,513,512	868,300	13,029,682	REPORT_DATE	2012_Aug	2021_Jun	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DEATH_CAUSE	55,827	21DEC2021	55,827	15,038	---	---	---	---	XTBL_L3_REFRESH_DATE
PROVIDER	227,144	21DEC2021	227,144	---	---	---	---	---	XTBL_L3_REFRESH_DATE
MED_ADMIN	8,615,955	21DEC2021	8,346,030	221,789	1,272,874	MEDADMIN_START_DATE	2015_Jan	2021_Nov	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_CLIN	2,601,182	21DEC2021	2,601,182	86,916	173,850	OBSCLIN_START_DATE	2013_Oct	2021_Feb	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PCORNET_TRIAL	456	21DEC2021	456	456	---	---	---	---	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	1,088,160	21DEC2021	1,088,160	1,088,160	---	---	---	---	XTBL_L3_REFRESH_DATE
LDS_ADDRESS_HISTORY	8,356,737	21DEC2021	8,356,737	1,088,160	---	---	---	---	XTBL_L3_REFRESH_DATE
IMMUNIZATION	9,264,751	21DEC2021	9,264,751	747,457	2,024,853	VX_RECORD_DATE			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.

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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)	41,766,399	22.9	72,856,576	58.5	38,639,372	56.8
ED (Emergency Dept)	870,150	0.5	4,967,335	4.0	1,771,895	2.6
EI (ED to IP Stay)	0		0		0	
IC (Institutional Professional Consult)	2,734,457	1.5	3,785,621	3.0	1,822,163	2.7
IP (Inpatient Hospital Stay)	1,209,984	0.7	13,097,665	10.5	2,465,973	3.6
IS (Non-acute Institutional Stay)	172,464	0.1	1,082,632	0.9	190,673	0.3
OA (Other Ambulatory Visit)	135,092,237	74.1	26,594,042	21.4	22,092,138	32.5
OS (Observation Stay)	91,562	0.1	1,118,845	0.9	565,685	0.8
TH (Telehealth)	390,329	0.2	1,039,812	0.8	459,033	0.7
Missing, NI, UN or OT	0		0		0	
Total	182,327,582		124,542,528		68,006,932	
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)	41,766,399	864,472	48.3	41,766,399	39,019,636	1.07	ENC_L3_ENCTYPE
ED (Emergency Dept)	870,150	236,860	3.7	870,150	803,319	1.08	ENC_L3_ENCTYPE
EI (ED to IP Stay)	0	0		0	0		ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	2,734,457	385,500	7.1	2,734,457	2,709,524	1.01	ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	1,209,984	181,378	6.7	1,209,984	1,197,528	1.01	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	172,464	23,931	7.2	172,464	170,251	1.01	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	135,092,237	1,029,590	131.2	132,244,248	126,818,543	1.04	ENC_L3_ENCTYPE
OS (Observation Stay)	91,562	35,913	2.5	91,562	91,525	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	390,329	109,501	3.6	390,329	388,995	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	0	0		0	0		ENC_L3_ENCTYPE

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