

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	1,258,443		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	43		
Median	40		
Age group			DEM_L3_AGEYRSDIST2
0-4	45,190	3.6	
5-14	139,233	11.1	
15-21	109,607	8.8	
22-64	670,544	53.3	
65+	293,758	23.3	
Missing	111	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	959,286	76.2	
Y (Yes)	50,127	4.0	
Missing or Refused	249,030	19.8	
Sex			DEM_L3_SEXDIST
F (Female)	655,400	52.1	
M (Male)	602,020	47.8	
Missing or Ambiguous	1,023	0.1	
Race			DEM_L3_RACEDIST
White	936,496	74.4	
Non-White	121,002	9.6	
Missing or Refused	200,945	16.0	

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	859,806	74.7	
Non-White	113,395	9.8	
Missing or Refused	177,151	15.5	
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	1,258,443	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	1,258,443	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	706,966	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	355,321	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	616,330	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	426,249	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	320,164	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	89%	ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	86%	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	4,538,709		
Height (inches), mean	62		
Height (inches), median	65		
Weight measurements			VIT_L3_WT_DIST
Records	8,320,710		
Weight (lbs.), mean	158		
Weight (lbs.), median	164		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	4,332,839		
BMI <=25	1,917,058	44.2	
BMI 26-30	999,962	23.1	
BMI >=31	1,415,819	32.7	

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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	1,258,443	13JAN2022	1,258,443	1,258,443	---	BIRTH_DATE	1936_Jul	2015_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENROLLMENT	1,258,431	13JAN2022	1,157,358	1,157,358	---	ENR_START_DATE^	2001_Mar	2020_Nov	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENCOUNTER	31,074,089	13JAN2022	26,900,149	1,150,352	26,900,149	ADMIT_DATE	2012_Aug	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DIAGNOSIS	81,578,505	13JAN2022	73,327,361	1,028,597	16,137,982	ADMIT_DATE	2012_Oct	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROCEDURES	129,698,869	13JAN2022	111,754,010	989,858	13,391,224	ADMIT_DATE	2012_Aug	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DEATH	84,654	13JAN2022	84,654	66,398	---	DEATH_DATE	2012_Jun	2021_Apr	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
VITAL	230,503,936	13JAN2022	200,465,596	907,893	9,188,125	MEASURE_DATE	2012_Sep	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
LAB_RESULT_CM	148,962,604	13JAN2022	127,937,005	609,180	3,587,057	RESULT_DATE	2012_Aug	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PRESCRIBING	13,778,010	13JAN2022	11,920,460	650,192	6,362,327	RX_ORDER_DATE	2012_Aug	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	3,690,291	13JAN2022	3,690,256	237,417	---	DISPENSE_DATE	2015_Dec	2021_Oct	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
CONDITION	13,654,232	13JAN2022	11,998,888	785,319	0	REPORT_DATE	2012_Dec	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROVIDER	245,887	13JAN2022	245,887	---	---	---	---	---	XTBL_L3_REFRESH_DATE
MED_ADMIN	92,001,100	13JAN2022	79,440,911	580,875	2,795,706	MEDADMIN_START_DATE	2012_Aug	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_CLIN	232,326,514	13JAN2022	201,479,200	871,711	7,958,133	OBSCLIN_START_DATE	2012_Aug	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_GEN	23,886	13JAN2022	23,886	11,561	21,609	OBSGEN_START_DATE	2020_Jun	2022_Jan	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PCORNET_TRIAL	623	13JAN2022	623	623	---	---	---	---	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.

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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	1,258,443	13JAN2022	1,258,443	1,258,443	---	---	---	---	XTBL_L3_REFRESH_DATE
LDS_ADDRESS_HISTORY	3,578,436	13JAN2022	3,578,436	1,221,815	---	---	---	---	XTBL_L3_REFRESH_DATE
IMMUNIZATION	1,614,570	13JAN2022	1,613,130	355,629	929,234	VX_RECORD_DATE	2016_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.

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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)	14,002,946	52.1	56,617,324	77.2	58,207,040	52.1
ED (Emergency Dept)	409,188	1.5	2,441,565	3.3	5,403,764	4.8
EI (ED to IP Stay)	145,158	0.5	3,782,647	5.2	21,336,873	19.1
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	221,251	0.8	3,739,406	5.1	25,345,326	22.7
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	9,321,851	34.7	3,480,127	4.7	0	
OS (Observation Stay)	38,953	0.1	240,234	0.3	574,986	0.5
TH (Telehealth)	316,819	1.2	1,236,265	1.7	586,594	0.5
Missing, NI, UN or OT	2,443,983	9.1	1,789,793	2.4	299,427	0.3
Total	26,900,149		73,327,361		111,754,010	
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)	14,002,946	969,097	14.4	13,718,432	13,553,848	1.01	ENC_L3_ENCTYPE
ED (Emergency Dept)	409,188	192,830	2.1	112,876	112,725	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	145,158	94,478	1.5	33,742	33,740	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	221,251	146,491	1.5	59,461	59,149	1.01	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	9,321,851	726,748	12.8	9,260,586	8,963,330	1.03	ENC_L3_ENCTYPE
OS (Observation Stay)	38,953	24,118	1.6	12,137	12,063	1.01	ENC_L3_ENCTYPE
TH (Telehealth)	316,819	135,501	2.3	316,819	316,321	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	2,443,983	618,153	4.0	2,411,146	2,335,886	1.03	ENC_L3_ENCTYPE

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