

### 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	1,606,194		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	43		
Median	40		
Age group			DEM_L3_AGEYRSDIST2
0-4	43,699	2.7	
5-14	140,449	8.7	
15-21	128,137	7.9	
22-64	966,182	60.1	
65+	327,727	20.4	
Missing	0	0.0	
Hispanic			DEM_L3_HISPDIST
N (No)	1,122,271	69.9	
Y (Yes)	201,760	12.6	
Missing or Refused	282,163	17.5	
Sex			DEM_L3_SEXDIST
F (Female)	835,383	52.0	
M (Male)	770,421	48.0	
Missing or Ambiguous	390	0.0	
Race			DEM_L3_RACEDIST
White	1,102,812	68.7	
Non-White	99,078	6.2	
Missing or Refused	404,304	25.1	

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	1,024,490	68.9	
Non-White	92,767	6.3	
Missing or Refused	370,108	24.8	
Gender Identity			DEM_L3_GENDERDIST
GQ (Genderqueer/Non-Binary)	0	0.0	
M (Man)	110,807	6.9	
W (Woman)	147,239	9.2	
MU (Multiple gender categories), SE (Something else), TF (Transgender female/Trans woman/Male-to-female), or TM (Transgender male/Trans man/Female-to-male)	3,012	0.2	
Missing or Refused	1,345,136	83.8	
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	1,606,194	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 2.09 (Less than 80% of patients with a face-to-face encounter during the past 5 years have at least 1 face-to-face diagnosis and 1 vital measurement), 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 to 3/04 and 3.05 are highlighted in red and must be corrected; data check exceptions to 2.09 are highlighted in blue and must be explained in the ETL ADD.

Metric	Metric Description	Result	Percent	Source table
All patients	Number of unique patients in the DEMOGRAPHIC table	1,606,194		DEM_L3_N
Potential pool of patients for observational studies	Number of unique patients with at least 1 face-to-face (ED, EI, IP, OS, or AV) encounter within the past 5 years	1,113,930	69%	ENC_L3_DASH2
Potential pool of patients for trials	Number of unique patients with at least 1 face-to-face (ED, EI, IP, OS, or AV) encounter within the past 1 year	474,565	30%	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 DIAGNOSIS face-to-face encounter and VITAL records within the past 5 years	907,687	81%	XTBL_L3_DASH1
	Number of unique patients with at least 1 DIAGNOSIS face-to-face encounter, VITAL, and PRESCRIBING or MED_ADMIN records within the past 5 years	702,637	63%	XTBL_L3_DASH2
	Number of unique patients with at least 1 DIAGNOSIS face-to-face encounter, VITAL, PRESCRIBING or MED_ADMIN, and LAB_RESULT_CM records within the past 5 years	508,243	46%	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

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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	7,858,247		
Height (inches), mean	64		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	9,588,188		
Weight (lbs.), mean	175		
Weight (lbs.), median	172		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	8,320,141		
BMI <=25	3,096,050	37.2	
BMI 26-30	2,324,516	27.9	
BMI >=31	2,899,575	34.9	

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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	1,606,194	27SEP2023	1,606,194	1,606,194	---	BIRTH_DATE	1941_Aug	2015_Oct	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,606,076	27SEP2023	1,502,006	1,502,006	---	ENR_START_DATE^	2011_Mar	2023_Jan	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	25,630,623	27SEP2023	22,492,417	1,487,365	22,492,417	ADMIT_DATE	2014_Jul	2023_May	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	92,754,663	27SEP2023	82,330,577	1,438,740	20,788,303	ADMIT_DATE	2014_Jul	2023_Apr	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	97,577,493	27SEP2023	84,730,123	1,355,712	19,551,234	ADMIT_DATE	2014_Jul	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	48,666	27SEP2023	48,666	45,623	---	DEATH_DATE	2014_Nov	2023_Jan	DEATH_L3_N; XTBL_L3_DATES
VITAL	15,591,280	27SEP2023	13,812,558	1,279,810	13,812,558	MEASURE_DATE	2014_Jun	2023_May	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	172,585,515	27SEP2023	149,497,280	883,892	5,399,884	RESULT_DATE	2014_Jun	2023_May	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	53,917,060	27SEP2023	45,997,158	1,013,352	7,680,175	RX_ORDER_DATE	2014_Jun	2023_May	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	69,835,608	27SEP2023	63,866,914	1,024,663	---	DISPENSE_DATE	2014_Sep	2023_Jun	DISP_L3_N; XTBL_L3_DATES
CONDITION	3,552,052	27SEP2023	3,171,339	738,466	1,942,994	REPORT_DATE	2014_Mar	2023_Jan	COND_L3_N; XTBL_L3_DATES
PRO_CM	282	27SEP2023	282	47	47	PRO_DATE	2016_Aug	2017_Apr	PROCM_L3_N; XTBL_L3_DATES
PROVIDER	6,928	27SEP2023	6,928	---	---	---	---	---	PROV_L3_N
MED_ADMIN	49,404,100	27SEP2023	49,351,170	614,509	2,743,097	MEDADMIN_ START_DATE	2014_Nov	2023_Mar	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	181,786,676	27SEP2023	158,889,295	1,208,448	10,685,831	OBSCLIN_START_ DATE	2014_Jul	2023_Apr	OBSCLIN_L3_N; XTBL_L3_DATES
OBS_GEN	2,668,176	27SEP2023	2,396,732	910,850	448,541	OBSGEN_START_ DATE	2014_Oct	2023_Sep	OBSGEN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	5,958	27SEP2023	5,958	5,937	---	---	---	---	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	1,606,194	27SEP2023	1,606,194	1,606,194	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	2,849,850	27SEP2023	2,849,850	1,584,856	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	5,661,951	27SEP2023	5,661,951	733,968	1,241,321	VX_RECORD_DATE	2022_Sep	2023_Jun	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.

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)	20,910,176	93.0	65,959,932	80.1	52,715,438	62.2
ED (Emergency Dept)	596,189	2.7	2,817,147	3.4	4,695,262	5.5
EI (ED to IP Stay)	100,208	0.4	4,350,977	5.3	9,353,166	11.0
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	360,723	1.6	7,188,025	8.7	17,252,202	20.4
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	0		0		0	
OS (Observation Stay)	0		0		0	
TH (Telehealth)	524,320	2.3	2,014,491	2.4	714,053	0.8
Missing, NI, UN or OT	801	0.0	5	0.0	2	0.0
Total	22,492,417		82,330,577		84,730,123	
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)	20,910,176	1,397,827	15.0	18,902,762	16,738,764	1.13	ENC_L3_ENCTYPE
ED (Emergency Dept)	596,189	243,441	2.4	528,022	492,445	1.07	ENC_L3_ENCTYPE
EI (ED to IP Stay)	100,208	64,736	1.5	97,764	97,761	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	360,723	200,917	1.8	343,856	325,321	1.06	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)	524,320	183,021	2.9	465,494	465,311	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	801	49	16.3	1	1	1.00	ENC_L3_ENCTYPE

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