

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	1,565,412		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	48		
Median	48		
Age group			DEM_L3_AGEYRSDIST2
0-4	25,016	1.5	
5-14	81,639	5.2	
15-21	94,595	6.1	
22-64	900,357	57.5	
65+	406,763	26.0	
Missing	57,042	3.6	
Hispanic			DEM_L3_HISPDIST
N (No)	1,138,823	72.7	
Y (Yes)	112,493	7.2	
Missing or Refused	314,096	20.1	
Sex			DEM_L3_SEXDIST
F (Female)	841,582	53.8	
M (Male)	722,860	46.2	
Missing or Ambiguous	970	0.0	
Race			DEM_L3_RACEDIST
White	968,895	61.9	
Non-White	178,132	11.4	
Missing or Refused	418,385	26.7	

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	862,696	64.6	
Non-White	157,252	11.8	
Missing or Refused	315,353	23.7	
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	1,565,412	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	1,565,412	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	1,565,412		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	735,644	47%	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	371,181	24%	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	659,519	90%	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	599,259	81%	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	411,873	56%	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	80%		ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	73%		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	9,266,524		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	10,259,065		
Weight (lbs.), mean	179		
Weight (lbs.), median	177		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	10,066,045		
BMI <=25	3,487,755	34.6	
BMI 26-30	2,902,170	28.8	
BMI >=31	3,676,120	36.5	

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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	1,565,412	03OCT2023	1,565,412	1,565,412	---	BIRTH_DATE	1940_Aug	2011_Oct	DEM_L3_N; XTBL_L3_DATES
ENROLLMENT	1,565,412	03OCT2023	1,335,301	1,335,301	---	ENR_START_DATE^	2005_Jul	2023_Feb	ENR_L3_N; XTBL_L3_DATES
ENCOUNTER	107,608,818	03OCT2023	93,065,054	1,335,301	93,065,054	ADMIT_DATE	2014_Oct	2023_Jun	ENC_L3_N; XTBL_L3_DATES
DIAGNOSIS	203,962,629	03OCT2023	183,776,315	1,073,437	31,630,782	ADMIT_DATE	2014_Sep	2023_Jun	DIA_L3_N; XTBL_L3_DATES
PROCEDURES	249,869,693	03OCT2023	214,344,567	980,806	20,188,000	ADMIT_DATE	2014_May	2023_Apr	PRO_L3_N; XTBL_L3_DATES
DEATH	103,672	03OCT2023	103,672	103,672	---	DEATH_DATE	2014_Jun	2023_Jan	DEATH_L3_N; XTBL_L3_DATES
VITAL	58,612,305	03OCT2023	50,727,750	1,003,910	22,387,001	MEASURE_DATE	2014_Jul	2023_May	VIT_L3_N; XTBL_L3_DATES
LAB_RESULT_CM	507,632,221	03OCT2023	386,492,782	646,355	5,403,513	RESULT_DATE	2014_May	2023_May	LAB_L3_N; XTBL_L3_DATES
PRESCRIBING	86,356,393	03OCT2023	69,604,572	925,033	15,268,331	RX_ORDER_DATE	2014_Jul	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	333,929,837	03OCT2023	328,077,181	816,390	---	DISPENSE_DATE	2014_Dec	2023_Jan	DISP_L3_N; XTBL_L3_DATES
CONDITION	23,535,935	03OCT2023	19,501,422	705,436	3,324,452	REPORT_DATE	2014_Jul	2023_May	COND_L3_N; XTBL_L3_DATES
PROVIDER	49,574	03OCT2023	49,574	---	---	---	---	---	PROV_L3_N
MED_ADMIN	90,264,521	03OCT2023	68,774,230	562,524	3,699,177	MEDADMIN_ START_DATE	2014_Jun	2023_May	MEDADM_L3_N; XTBL_L3_DATES
OBS_CLIN	527,510,745	03OCT2023	456,549,750	1,003,910	22,387,001	OBSCLIN_START_ DATE	2014_Jul	2023_May	OBSCLIN_L3_N; XTBL_L3_DATES
PCORNET_TRIAL	2,299	03OCT2023	2,299	2,172	---	---	---	---	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	1,564,937	03OCT2023	1,564,937	1,564,937	---	---	---	---	HASH_L3_N
LDS_ADDRESS_HISTORY	1,533,051	03OCT2023	1,533,051	1,533,051	---	---	---	---	LDSADRS_L3_N
IMMUNIZATION	4,096,066	03OCT2023	3,650,964	462,568	975,226	VX_RECORD_DATE	2014_Aug	2023_Aug	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)	24,200,202	26.0	86,877,555	47.3	58,639,835	27.4
ED (Emergency Dept)	457,162	0.5	3,103,175	1.7	7,729,928	3.6
EI (ED to IP Stay)	168,458	0.2	5,887,760	3.2	45,158,858	21.1
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	410,426	0.4	9,643,523	5.2	54,510,372	25.4
IS (Non-acute Institutional Stay)	8,504	0.0	311,765	0.2	1,665,016	0.8
OA (Other Ambulatory Visit)	52,299,397	56.2	55,654,273	30.3	16,810,170	7.8
OS (Observation Stay)	62,259	0.1	1,273,871	0.7	4,673,989	2.2
TH (Telehealth)	591,440	0.6	2,867,872	1.6	755,399	0.4
Missing, NI, UN or OT	14,867,206	16.0	18,156,521	9.9	24,401,000	11.4
Total	93,065,054		183,776,315		214,344,567	
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)	24,200,202	968,492	25.0	11,274,540	10,896,967	1.03	ENC_L3_ENCTYPE
ED (Emergency Dept)	457,162	200,848	2.3	2,322	2,320	1.00	ENC_L3_ENCTYPE
EI (ED to IP Stay)	168,458	85,173	2.0	168,270	168,266	1.00	ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	410,426	206,491	2.0	294,291	294,266	1.00	ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	8,504	6,518	1.3	7,520	7,519	1.00	ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	52,299,397	1,193,311	43.8	52,281,140	47,283,441	1.11	ENC_L3_ENCTYPE
OS (Observation Stay)	62,259	41,321	1.5	53,467	53,465	1.00	ENC_L3_ENCTYPE
TH (Telehealth)	591,440	163,889	3.6	591,440	590,147	1.00	ENC_L3_ENCTYPE
Missing, NI, UN or OT	14,867,206	1,302,362	11.4	3,078,166	3,015,143	1.02	ENC_L3_ENCTYPE

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