

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	2,935,242		DEM_L3_N
Age			DEM_L3_AGEYRSDIST1
Mean	47		
Median	51		
Age group			DEM_L3_AGEYRSDIST2
0-4	313,858	10.7	
5-14	101,550	3.5	
15-21	122,429	4.1	
22-64	1,479,124	50.4	
65+	902,939	30.8	
Missing	15,342	0.5	
Hispanic			DEM_L3_HISPDIST
N (No)	1,040,819	35.5	
Y (Yes)	100,806	3.4	
Missing or Refused	1,793,617	61.1	
Sex			DEM_L3_SEXDIST
F (Female)	1,601,028	54.5	
M (Male)	1,316,716	44.9	
Missing or Ambiguous	17,498	0.6	
Race			DEM_L3_RACEDIST
White	1,038,572	35.4	
Non-White	167,932	5.7	
Missing or Refused	1,728,738	58.9	

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	775,015	59.3	
Non-White	140,795	10.8	
Missing or Refused	391,593	30.0	
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	2,935,242	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	2,935,242	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	650,530	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	322,386	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	617,647	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	594,318	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	405,423	XTBL_L3_DASH3
Patients with diagnosis data	Percentage of patients with encounters who have at least 1 diagnosis	77%	ENC_L3_N; DIA_L3_N
Patients with procedure data	Percentage of patients with encounters who have at least 1 procedure	72%	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	7,829,027		
Height (inches), mean	65		
Height (inches), median	66		
Weight measurements			VIT_L3_WT_DIST
Records	8,489,899		
Weight (lbs.), mean	177		
Weight (lbs.), median	176		
Body Mass Index (BMI) measurements			VIT_L3_BMI
Records	8,264,222		
BMI <=25	2,921,088	35.3	
BMI 26-30	2,354,469	28.5	
BMI >=31	2,988,665	36.2	

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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	2,935,242	11JAN2022	2,935,242	2,935,242	---	BIRTH_DATE	1930_Jul	2022_Jan	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENROLLMENT	522,538	11JAN2022	522,538	522,538	---	ENR_START_DATE^	2010_Feb	2021_Apr	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
ENCOUNTER	56,832,510	11JAN2022	53,975,261	1,307,403	53,975,261	ADMIT_DATE	2013_May	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DIAGNOSIS	106,994,002	11JAN2022	100,809,195	1,003,797	17,836,022	ADMIT_DATE	2013_Apr	2021_Aug	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROCEDURES	70,606,462	11JAN2022	68,190,930	936,591	12,108,555	ADMIT_DATE	2013_Oct	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
DEATH	392,296	11JAN2022	392,296	312,688	---	DEATH_DATE	2012_Jul	2100_Dec	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
VITAL	51,397,888	11JAN2022	46,536,431	870,773	11,623,335	MEASURE_DATE	2012_Oct	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
LAB_RESULT_CM	363,903,167	11JAN2022	326,433,336	625,107	5,141,332	RESULT_DATE	2012_Oct	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PRESCRIBING	62,956,257	11JAN2022	56,878,206	847,235	11,546,104	RX_ORDER_DATE	2012_Nov	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	55,258,550	11JAN2022	55,258,550	660,221	---	DISPENSE_DATE	2014_Jan	2021_Jun	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
CONDITION	39,668,311	11JAN2022	36,642,679	954,247	7,609,432	REPORT_DATE	2012_Dec	2021_Sep	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PROVIDER	219,826	11JAN2022	219,826	---	---	---	---	---	XTBL_L3_REFRESH_DATE
MED_ADMIN	94,211,428	11JAN2022	82,969,419	499,288	2,852,477	MEDADMIN_START_DATE	2012_Oct	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_CLIN	462,580,992	11JAN2022	418,827,879	870,773	11,623,335	OBSCLIN_START_DATE	2012_Oct	2021_Jul	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
OBS_GEN	28,499,318	11JAN2022	12,484,821	112,688	103,958	OBSGEN_START_DATE	2012_Jul	2020_Feb	XTBL_L3_REFRESH_DATE; XTBL_L3_DATES
PCORNET_TRIAL	2,231	11JAN2022	2,231	2,104	---	---	---	---	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	2,935,242	11JAN2022	2,935,242	2,935,242	---	---	---	---	XTBL_L3_REFRESH_DATE
LDS_ADDRESS_HISTORY	2,935,242	11JAN2022	2,935,242	2,935,242	---	---	---	---	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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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)	10,459,388	19.4	62,807,201	62.3	28,559,729	41.9
ED (Emergency Dept)	410,958	0.8	4,743,484	4.7	3,507,352	5.1
EI (ED to IP Stay)	153,986	0.3	7,546,090	7.5	12,630,143	18.5
IC (Institutional Professional Consult)	0		0		0	
IP (Inpatient Hospital Stay)	248,203	0.5	7,803,085	7.7	15,846,953	23.2
IS (Non-acute Institutional Stay)	0		0		0	
OA (Other Ambulatory Visit)	37,146,724	68.8	11,725,563	11.6	4,068,734	6.0
OS (Observation Stay)	8,924	0.0	185,795	0.2	206,822	0.3
TH (Telehealth)	289,173	0.5	1,719,605	1.7	346,434	0.5
Missing, NI, UN or OT	5,257,905	9.7	4,278,372	4.2	3,024,763	4.4
Total	53,975,261		100,809,195		68,190,930	
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)	10,459,388	821,767	12.7	0	0		ENC_L3_ENCTYPE
ED (Emergency Dept)	410,958	190,405	2.2	0	0		ENC_L3_ENCTYPE
EI (ED to IP Stay)	153,986	78,369	2.0	0	0		ENC_L3_ENCTYPE
IC (Institutional Professional Consult)	0	0		0	0		ENC_L3_ENCTYPE
IP (Inpatient Hospital Stay)	248,203	155,790	1.6	0	0		ENC_L3_ENCTYPE
IS (Non-acute Institutional Stay)	0	0		0	0		ENC_L3_ENCTYPE
OA (Other Ambulatory Visit)	37,146,724	989,149	37.6	0	0		ENC_L3_ENCTYPE
OS (Observation Stay)	8,924	8,088	1.1	0	0		ENC_L3_ENCTYPE
TH (Telehealth)	289,173	101,501	2.8	0	0		ENC_L3_ENCTYPE
Missing, NI, UN or OT	5,257,905	1,092,760	4.8	0	0		ENC_L3_ENCTYPE

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