Input Data

Populace Table
Description: Encounter Data

Required Column Names	patient_id	encounter_id	encounter_datetime	patient_DOB	total_score	screening_type
Basic Descriptions	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient	Unique Identifier Per Encounter (NO duplicates allowed)	Date of Encounter	Patients' Date of Birth to determine age at time of encounter	Numeric result of the screening tool: - (# NaN, then the current encounter is not a screening)	Identifier for the screening instrument ("PHQ9", "PHQA", "PSC-17"): - (If NaN, then the current encounter is not a screening)"
	64607	25702	2024-09-18	2005-04-28	NaN	NaN
	11332	75434	2024-09-21	2004-06-12	NaN	NaN
	49143	38361	2024-03-14	1991-01-21	NaN	NaN
	58288	82756	2024-09-08	2010-08-01	14	PHQA
	35383	97780	2024-02-23	2005-03-25	NaN	NaN

Diagnostic Table
Description: Diagnostic Data

Required Column Names	patient_id	encounter_datetime	Diagnosis
Basic Descriptions	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient IDs)	Date of Encounter	Uses ICD-10 codes to track diagnoses
	58898	2024-10-02	F31.13
	58288	2024-12-21	F31.61
	64607	2024-01-02	F32.3
	31192	2024-11-09	F31.73
	64017	2024-09-24	F32.3

Demographic Table
Description: Patients' race and ethnical background for stratification

Required Column Names	patient_id	race	ethnicity
Basic Descriptions	Unique Patient Identifier: - (NO duplicates allowed) - (Must be related to other Patient IDs)	Patients Race	Patients ethnicity
	64607	Black or African American	Hispanic or Latino
	11332	White	Hispanic or Latino
	49143	Native Hawaiian or Other Pacific Islander	Not Hispanic or Latino
	58288	Native Hawaiian or Other Pacific Islander	Hispanic or Latino
	35383	American Indian or Alaska Native	Hispanic or Latino

Insurance Table
Description: A history of patients' insurances

Required Column Names	patient_id	insurance	start_datetime	end_datetime
Basic Descriptions	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient IDs)	Insurance Name. - Will only be classified as Medicaid if "medicaid" in name	Start Date of Insurance	End Date of Insurance. - (Blanks fill be filled with today)
	64607	in health	2023-07-18	2024-07-18
	11332	medicaid	2023-03-10	2024-03-10
	49143	in health	2024-08-29	2025-08-29
	58288	in health	2024-09-18	2025-09-18
	35383	fidelis medicaid	2024-06-19	2025-06-19

Output Data

CDF_CH Numerator and Denominator
Table Name: CDF_CH_sub_1

Required Column Names	patient_measurement_year_id	patient_id	encounter_id	screening_encounter_id	last_encounter	Numerator	numerator_desc	medicaid
Basic Descriptions	An ID created to match patients to the year in which their index visit occurred. Since a patient can have multiple index visits.	Unique Patient Identifier: - (YES duplicates allowed) - (Must be related to other Patient IDs)	Unique Identifier for the Encounter.	ID of Screening: - (If NaN, then the current encounter is not a screening)	Patient's most recent encounter: - (If NaT, then the current encounter is not a screening)	Indicates whether the patient completed a standardized screening	Reason for Numerator result	Whether the patient was on Medicaid only at the time of the index visit
	11332-2024	11332	26332	NaN	NaT	FALSE	No screening recorded	TRUE
	20202-2024	20202	30238	NaN	NaT	FALSE	No screening recorded	FALSE
	32851-2024	32851	58726	NaN	NaT	FALSE	No screening recorded	FALSE
	34899-2024	34899	39533	39533	NaT	FALSE	Positive screening without follow-u	FALSE
	35383-2024	35383	62893	NaN	NaT	FALSE	No screening recorded	FALSE

CDF_CH Stratification
Table Name: CDF_CH_sub_1_stratification

Required Column Names	patient_id	ethnicity	race
Basic Descriptions	Unique Patient Identifier: - (NO duplicates allowed) - (Must be related to other Patient IDs)	Patients' ethnicity	Patients' race
	11332	Hispanic or Latino	White
	20202	Hispanic or Latino	Native Hawaiian or Other Pacific Islander
	32851	Not Hispanic or Latino	Black or African American
	34899	Hispanic or Latino	White
	35383	Hispanic or Latino	American Indian or Alaska Native