

Input Data

Regular Visits						
All Regular/Billable visits that occurred over the measurement periods (as many years as you'd like):						
Required Column Names	patient_id	patient_DOB	encounter_id	encounter_datetime	cpt_code	is_screening
Basic Description	Unique Patient Identifier	Patients' Date of Birth to determine age at time of Visit.	Unique Visit Identifier	Date of visit	A single CPT code. For more than one CPT code use separate lines and duplicate the rest of the information.	Boolean true or false if a screening was included in the encounter
	YES duplicates allowed	- Will be moved to patient Demographics in a future version.	duplicates allowed for multiple CPT codes.			
	Must be related to other Patient ID					
	11332	11/24/2000	57487	1/6/2024	90834	TRUE
	11332	11/24/2000	51268	12/30/2024	90834	FALSE
	31192	2/12/2003	88796	1/11/2024	90834	FALSE
	31192	2/12/2003	90829	12/25/2024	90834	FALSE
	35383	8/23/2016	54996	1/3/2024	90834	TRUE
	35383	8/23/2016	31253	12/17/2024	90834	TRUE
	45421	9/21/1997	89135	2/4/2024	90834	FALSE
	45421	9/21/1997	10059	11/24/2024	90834	FALSE
	49143	12/30/1990	86193	1/26/2024	90834	TRUE
	49143	12/30/1990	67850	12/30/2024	90834	FALSE
	58288	10/28/1992	86719	3/12/2024	90834	FALSE
	58288	10/28/1992	87488	12/2/2024	90834	TRUE
	58898	2/16/2010	86433	1/2/2024	90834	FALSE
	58898	2/16/2010	13035	12/16/2024	90834	FALSE
	64607	4/21/2017	27194	1/6/2024	90834	FALSE
	64607	4/21/2017	71825	10/12/2024	90834	TRUE
	67177	3/27/2006	23847	1/14/2024	90834	FALSE
	67177	3/27/2006	18024	12/24/2024	90834	FALSE
	84187	10/25/1999	66630	1/1/2024	90834	FALSE
	84187	10/25/1999	53686	12/30/2024	90834	FALSE

Diagnosis Table			
All the diagnoses patients have received			
Required Column Names	patient_id	encounter_datetime	diagnosis
Basic Description	Unique Patient Identifier	- Any date at which patients had	ICD10 Code to determine whether
	YES duplicates allowed	- any diagnosis	patients are excluded from the
	Must be related to other Patient ID		measure. For encounters with
			multiple Diagnoses, duplicate the
			entire line and change the ICD10
		11332	11/24/2000 F40.2
		11332	2/12/2003 F40.2
		31192	8/23/2016 F40.2
		45421	9/21/1997 F40.2

Demographic Data			
Patients' race and ethnical background			
Required Column Names	patient_id	race	ethnicity
Basic Description	Unique Patient Identifier	Patient's race	Patient's ethnicity
	YES duplicates allowed		
	Must be related to other Patient ID		
	64607	Unknown	Hispanic
	11332	White	Not Hispanic
	49143	Unknown	Unknown
	58288	Indian	Not Hispanic
	35383	Indian	Hispanic
	45421	White	Hispanic
	84187	White	Hispanic
	67177	Black	Not Hispanic
	31192	Indian	Unknown
	58898	Indian	Hispanic

Insurance History				
A history of patients' Insurances				
Required Column Names	patient_id	Insurance	start_datetime	end_datetime
Basic Description	Unique Patient Identifier	Insurance Name	Start Date of Insurance	End Date of Insurance
	YES duplicates allowed	- Will only be classified as Medicaid if "medicaid" in name		Blanks fill be filled with today
	Must be related to other Patient ID			
		64607	Medicare	45633 12/7/2025
		11332	Medicare	45569 10/4/2025
		49143	UnitedHealthcare	45274 12/14/2024
		58288	UnitedHealthcare	45014 3/29/2024
		35383	Medicaid	44994 3/9/2024
		45421	Medicaid	45333 2/11/2025
		84187	UnitedHealthcare	45412 4/30/2025
		67177	Medicaid	45321 1/30/2025
		31192	Blue Cross Blue Shield	45201 10/2/2024
		58898	UnitedHealthcare	45565 9/30/2025

Output Data

Column Name	patient_id	patient_measurement	encounter_id	numerator	medicaid
Basic Description	Unique Patient Identifier	An ID created to match patients to their measurement year.	Unique Visit Identifier	- Returns either most recent visit or the visit in which they were screened	Whether the patient was on Medicaid only at the time of the index visit
	YES duplicates allowed				
	Must be related to other Patient ID				
	11332	11332-2024	57658	TRUE	FALSE
	31192	31192-2024	90829	TRUE	FALSE
	45421	45421-2024	10059	FALSE	TRUE
	49143	49143-2024	67850	TRUE	FALSE
	58288	58288-2024	87488	FALSE	FALSE
	67177	67177-2024	18024	FALSE	TRUE
	84187	84187-2024	53686	FALSE	FALSE

Column Names	patient_id	ethnicity	race
Basic Description	Unique Patient Identifier	Patient's race	Patient's ethnicity
	YES duplicates allowed		
	Must be related to other Patient ID		
	11332	Not Hispanic	White
	31192	Unknown	Indian
	45421	Hispanic	White
	49143	Unknown	Unknown
	58288	Not Hispanic	Indian
	67177	Not Hispanic	Black
	84187	Hispanic	White