Variables pulled from Medicaid enrollment tables (enrl\_xxxx + CHIP\_UTH\_SFYxxxx\_Final) (no HTW)

Code for constructing the ETL table:

insert into work.dbo.xz\_mcd\_reconciliation\_etl

select a.CLIENT\_NBR, '2012' as ENRL\_FY, a.elig\_date, a.age, a.SEX, a.DOB, b.MCO\_PROGRAM\_NM as MCO

from medicaid.dbo.enrl\_2012 a left join medicaid.dbo.LU\_Contract as b on a.CONTRACT\_ID = b.PLAN\_CD;

insert into work.dbo.xz\_mcd\_reconciliation\_etl

select CLIENT\_NBR, '2012' as ENRL\_FY, elig\_month, age, gender\_cd, DATE\_OF\_BIRTH, 'CHIP' as MCO

from medicaid.dbo.CHIP\_UTH\_SFY2012\_Final;

…and then loop that over FY 2012 – 2021 in R.

DOB

select top 100 dob, count(dob) as count

from work.dbo.xz\_mcd\_reconciliation\_etl

group by dob

order by count(dob) desc;

DOBs look pretty legit

Table

Description automatically generated with medium confidence

SEX

select sex, count(sex) from work.dbo.xz\_mcd\_reconciliation\_etl group by sex;

Table

Description automatically generated

Need to filter out ‘U’s before selecting a sex

AGE

select top 100 age, fy, dob, datediff(year, dob, cast(concat(elig\_date, '28') as date)) as derv\_age,

abs(age - datediff(year, dob, cast(concat(elig\_date, '28') as date))) as age\_diff

from work.dbo.xz\_mcd\_reconciliation\_etl

where abs(age - datediff(year, dob, cast(concat(elig\_date, '28') as date))) > 1;

Age agrees with DOB exactly, and it’s a float, so it’s probably a derived column on Medicaid’s end

RACE

The ref\_race table needs to be made 1-1 or else this happens:

Table

Description automatically generated

All the entries with 0 end up with duplicated rows