DROP TABLE IF EXISTS ##RaceEthnicity;

SELECT DISTINCT

PIMR#

,CASE

WHEN ETHNDESC LIKE 'Yes%' THEN 'Hispanic'

WHEN ETHNDESC LIKE 'No%' THEN 'Non-Hispanic'

WHEN TRIM(ETHNDESC) = 'Declined to Answer' THEN 'Declined'

ELSE NULL

END AS 'Ethnicity'

,CASE

WHEN RACECODE IN ('4','5','7','8','A','B','D') THEN 'Asian'

WHEN RACECODE IN ('6','C','E','F') THEN 'Native Hawaiian or Other Pacific Islander'

ELSE RACEDESC

END AS 'Race'

INTO ##RaceEthnicity

FROM (

SELECT DISTINCT

PID.PIMR#

,PID.PIRACN

,CODMS.CDCODE RACECODE

,CODMS.CDDESC RACEDESC

,CODMS1.CDCODE ETHNCODE

,CODMS1.CDDESC ETHNDESC

FROM ARSPLIT.ARPPID PID

LEFT JOIN ARSPLIT.ARPCODMS CODMS ON PID.PIHSP#=CODMS.CDHSP# AND PID.PIRACN=CODMS.CDCODE AND CODMS.CDCTYP='RW' AND CODMS.CDAIFL = '' AND CODMS.CDHSP#=1 -- RACE

LEFT JOIN ARSPLIT.ARPCODMS CODMS1 ON PID.PIHSP#=CODMS1.CDHSP# AND PID.PIETHN=CODMS1.CDCODE AND CODMS1.CDCTYP='HF' AND CODMS1.CDAIFL = '' AND CODMS1.CDHSP#=1 -- ETHNICITY

WHERE PID.PIHSP#=1

AND PID.PIMR# <> 0

AND PID.PIAIFL = ' '

AND PID.PIDOB8 <> 99999999

) A;

DROP TABLE IF EXISTS ##POLST\_CUMM;

SELECT \*

INTO ##POLST\_CUMM

FROM (

SELECT DISTINCT

DIM.DIDTCD

,DIM.DISEQ#

,DIM.DISDTS

,CLN.CLMR#

,PID.PISEX SEX

,PID.PIPLNG LANG

,RE.Race

,RE.Ethnicity

,ROW\_NUMBER() OVER (PARTITION BY DIM.DISSN, DIM.DISEQ# ORDER BY DIM.DISDTS DESC, DIM.DISEQ# DESC) SEQ

FROM ARSPLIT.ARPDIM DIM

LEFT JOIN ARSPLIT.ARPCLN CLN ON DIM.DISSN = CLN.CLSSN AND DIM.DISSNF = CLN.CLSSNF AND CLN.CLHSP# = 1

LEFT JOIN ARSPLIT.ARPPID PID ON DIM.DISSN = PID.PISSN AND DIM.DISSNF = PID.PISSNF AND PID.PIHSP# = 1

LEFT JOIN ##RaceEthnicity RE ON PID.PIMR# = RE.PIMR#

WHERE DIM.DIDTCD = 'POLST'

) A

WHERE SEQ = 1;

SELECT

CLMR# MR#

,DIDTCD

,SEX

,LANG

,Race

, CASE

WHEN Ethnicity IS NULL THEN 'Unknown/Unavailable'

ELSE Ethnicity END AS Ethnicity

,COUNT(DISEQ#) TOTAL

,MIN(CAST(DISDTS AS DATE)) FIRST\_DOC

,MAX(CAST(DISDTS AS DATE)) RECENT\_DOC

FROM ##POLST\_CUMM

WHERE CLMR# IS NOT NULL

GROUP BY

CLMR#

,DIDTCD

,SEX

,LANG

,Race

,Ethnicity