WITH activity\_PCP\_or\_specialist AS (

SELECT \*,

CASE WHEN PROVIDER\_RENDERING\_SPECIALTY\_CD IN ('08','11','37','38','16') THEN 'PCP' ELSE 'Specialist'

END AS provider\_type

FROM PROD\_A3632\_FE.INSIGHTS.ACTIVITY )

SELECT

pxm.AT\_TIME\_PRIMARY\_PROV\_NH,

pxm.AT\_TIME\_TIN\_FAC\_NH,

COUNT(DISTINCT CASE

WHEN PROVIDER\_RENDERING\_SPECIALTY\_CD IN ('08','11','37','38','16')

THEN FK\_PROVIDER\_PRIMARY\_ID

END) AS PCPs\_seen,

COUNT(DISTINCT CASE

WHEN PROVIDER\_RENDERING\_SPECIALTY\_CD IN ('08','11','37','38','16')

THEN CLAIM\_PK

END) AS PCP\_claims,

COUNT(DISTINCT CASE

WHEN PROVIDER\_RENDERING\_SPECIALTY\_CD NOT IN ('08','11','37','38','16')

THEN FK\_PROVIDER\_PRIMARY\_ID

END) AS specialists\_seen,

COUNT(DISTINCT CASE

WHEN PROVIDER\_RENDERING\_SPECIALTY\_CD NOT IN ('08','11','37','38','16')

THEN CLAIM\_PK

END) AS specialist\_claims

FROM activity\_PCP\_or\_specialist;

left join PROD\_A3632\_FE.INSIGHTS.PATIENT\_X\_MONTH pxm on pxm.claim\_id = activity\_PCP\_or\_specialist.pk\_activity\_id