use warehouse local\_marvinfoster;

use database prod\_D0006\_fe;

Drop table if exists local\_marvinfoster.public.HCC\_temp;

CREATE TEMPORARY TABLE local\_marvinfoster.public.HCC\_temp as

select target\_1\_value as HCC,

e.value::string as ICD\_CD

from prod\_common.ref.code\_xref\_map,

table(flatten(input => split(array\_to\_string(source\_2\_value\_list, ','), ','))) e

where xref\_id in ('year\_x\_icd9dx\_x\_hcc','year\_x\_icd10dx\_x\_hcc')

and source\_1\_value = 'y-2022'

and version = '24';

drop table if exists local\_marvinfoster.PUBLIC.HCC\_MAP;

CREATE TEMPORARY TABLE local\_marvinfoster.PUBLIC.HCC\_MAP as

Select distinct HCC, HCC\_DESC

from prod\_D0006\_fe.insights.hcc\_x\_patient\_year

where VERSION = '24'

and HCC <> 0;

drop table if exists local\_marvinfoster.public.ICD\_Last\_Year;

CREATE TEMPORARY TABLE local\_marvinfoster.public.ICD\_Last\_Year as

Select distinct dx.org\_id,

dx.fk\_patient\_id as Patient\_ID,

truncate((SUBSTR(dx.month\_cd, 3, 4) + 1)) as Year\_of\_Interest,

LTRIM(dx.fk\_diagnosis\_id, 'icd\_10\_cm\_cd|') as ICD\_10\_Code,

icd.label as ICD\_10\_Description,

'24' as HCC\_Version,

hcc.HCC,

map.hcc\_desc,

Sum(dx.TOT\_VISIT\_CNT) as Visit\_Count,

LTRIM(Max(dx.month\_cd), 'm-') as Last\_Billed

from prod\_D0006\_fe.insights.diagnosis\_x\_patient\_month dx

join prod\_common\_fe.REF.CODE\_ICD\_10\_CM icd

on LTRIM(dx.fk\_diagnosis\_id, 'icd\_10\_cm\_cd|') = icd.icd\_10\_cm\_cd

join local\_marvinfoster.public.HCC\_temp hcc

on LTRIM(dx.fk\_diagnosis\_id, 'icd\_10\_cm\_cd|') = hcc.icd\_cd

left join local\_marvinfoster.public.HCC\_map map

on hcc.hcc = map.hcc

where SUBSTR(dx.month\_cd, 3, 4) = '2023'

Group by 1,2,3,4,5,6,7,8;

drop table if exists local\_marvinfoster.public.ICD\_Current\_Year;

CREATE TEMPORARY TABLE local\_marvinfoster.public.ICD\_Current\_Year as

Select distinct dx.fk\_patient\_id as Patient\_ID,

SUBSTR(dx.month\_cd, 3, 4) as Year,

LTRIM(dx.fk\_diagnosis\_id, 'icd\_10\_cm\_cd|') as ICD\_10\_Code,

hcc.HCC

from prod\_D0006\_fe.insights.diagnosis\_x\_patient\_month dx

join prod\_common\_fe.REF.CODE\_ICD\_10\_CM icd

on LTRIM(dx.fk\_diagnosis\_id, 'icd\_10\_cm\_cd|') = icd.icd\_10\_cm\_cd

join local\_marvinfoster.public.HCC\_temp hcc

on LTRIM(dx.fk\_diagnosis\_id, 'icd\_10\_cm\_cd|') = hcc.icd\_cd

where SUBSTR(dx.month\_cd, 3, 4) = '2024';

Select distinct past.\*,

'Y' as Had\_ICD\_10\_Prior\_Year,

Case when now.ICD\_10\_Code is null then 'N'

when now.ICD\_10\_Code is not null then 'Y' end as Had\_ICD\_10\_Current\_Year,

Case when now2.HCC is null then 'N'

when now2.HCC is not null then 'Y' end as Had\_HCC\_Current\_Year

from local\_marvinfoster.public.ICD\_Last\_Year past

left join local\_marvinfoster.public.ICD\_Current\_Year now

on past.Patient\_ID = now.Patient\_ID

and past.ICD\_10\_Code = now.ICD\_10\_Code

left join local\_marvinfoster.public.ICD\_Current\_Year now2

on past.Patient\_ID = now2.Patient\_ID

and past.HCC = now2.HCC

order by past.Patient\_ID, past.HCC, past.ICD\_10\_Code;