--定义变量:设置统计开始时间和结束时间

declare @begintime datetime,@endtime datetime ;

set @begintime='2024-01-01 00:00:00' ;

set @endtime='2024-01-07 23:59:59' ;

--定义变量 设置导出的区域

with ps\_day as

(select region\_code, ps\_id , mp\_id,

 sum(hour\_enum) + sum(day\_enum) transEnumber, sum(hour\_dnum) + sum(day\_dnum) transmnumber,

 sum(mnum) effeEnumber, sum(snum) effemnumber,

 case when (sum(hour\_enum) + sum(day\_enum)) = 0 or (sum(hour\_dnum) + sum(day\_dnum)) = 0 then 0

 else round((sum(hour\_dnum) + sum(day\_dnum)) / (sum(hour\_enum) + sum(day\_enum) + 0.0), 4,1)\* 100 end transRate,

 case when sum(snum) = 0 or sum(mnum) = 0 then 0 else round(sum(snum) / (sum(mnum) + 0.0), 4,1)\* 100 end effeRate,

 case when (sum(hour\_enum) + sum(day\_enum)) = 0 or (sum(hour\_dnum) + sum(day\_dnum)) = 0 then 0

 when sum(mnum) = 0 then round((sum(hour\_dnum) + sum(day\_dnum)) / (sum(hour\_enum) + sum(day\_enum) + 0.0), 4,1)\* 100

 else round(((sum(hour\_dnum) + sum(day\_dnum)) / (sum(hour\_enum) + sum(day\_enum) + 0.0)) \* (sum(snum) / (sum(mnum) + 0.0)), 4,1) \* 100 end effeTransRate

 from trans\_mp\_day\_2023 c

--where data\_time BETWEEN '2023-02-20 00:00:00' and '2023-02-26 23:59:59'

where data\_time BETWEEN @begintime and @endtime

and region\_code like '3701%' and data\_status = 1

group by region\_code, ps\_id , mp\_id ),

ps\_comple\_day as

(select region\_code, ps\_id , mp\_id,

 sum(hour\_enum) + sum(day\_enum) transEnumber, sum(hour\_dnum) + sum(day\_dnum) transmnumber,

 sum(mnum) effeEnumber, sum(snum) effemnumber,

 case when (sum(hour\_enum) + sum(day\_enum)) = 0 or (sum(hour\_dnum) + sum(day\_dnum)) = 0 then 0

 else round((sum(hour\_dnum) + sum(day\_dnum)) / (sum(hour\_enum) + sum(day\_enum) + 0.0), 4,1)\* 100 end transRate,

 case when sum(snum) = 0 or sum(mnum) = 0 then 0 else round(sum(snum) / (sum(mnum) + 0.0), 4,1)\* 100 end effeRate,

 case when (sum(hour\_enum) + sum(day\_enum)) = 0 or (sum(hour\_dnum) + sum(day\_dnum)) = 0 then 0

 when sum(mnum) = 0 then round((sum(hour\_dnum) + sum(day\_dnum)) / (sum(hour\_enum) + sum(day\_enum) + 0.0), 4,1)\* 100

 else round(((sum(hour\_dnum) + sum(day\_dnum)) / (sum(hour\_enum) + sum(day\_enum) + 0.0)) \* (sum(snum) / (sum(mnum) + 0.0)), 4,1) \* 100 end effeTransRate

 from trans\_mp\_comple\_day\_2023 c

--where data\_time BETWEEN '2023-02-20 00:00:00' and '2023-02-26 23:59:59'

where data\_time BETWEEN @begintime and @endtime

and region\_code like '3701%' and data\_status = 1

group by region\_code, ps\_id , mp\_id),

ps\_info as

(

select a.ps\_id , max(b.ps\_name) ps\_name , a.region\_code

 from (select ps\_id, region\_code from

 region\_ps\_mp\_info

 where data\_status= 1

 --and begin\_time <= '2023-02-26 23:59:59'

 --and end\_time >= '2023-02-20 00:00:00'

 and begin\_time <= @endtime

 and end\_time >= @begintime

 and region\_code like '3701%' group by ps\_id,region\_code) a

 left join psinfo\_ps\_base b on a.ps\_id = b.id

 group by a.ps\_id,a.region\_code

),

mp\_info as (

 select a.ps\_id,a.mp\_id, max(d.mp\_name) as mp\_name

 from (

 select ps\_id ,mp\_id from

 region\_ps\_mp\_info

 where data\_status= 1

 --and begin\_time <= '2023-02-26 23:59:59'

 --and end\_time >= '2023-02-20 00:00:00'

 and begin\_time <= @endtime

 and end\_time >= @begintime

 and region\_code like '3701%' group by ps\_id, mp\_id) a

 left join

 (

 select mp\_id, max(mp\_name) as mp\_name, max(mp\_type) as mp\_type

 from (select mp\_id, mp\_name, case when ps\_entity\_type\_code = '5' then '2' else '1' end as mp\_type

 from audit\_check\_monitor\_item with (nolock)

 where begin\_date <= '2023-12-31 23:59:59'

 and isnull(end\_date, GETDATE()) >= '2023-12-31 23:59:59'

 )a group by mp\_id

 union all

 select id as mp\_id, mp\_name, '1' as mp\_type

 from psinfo\_mp\_in with (nolock)

 union all

 select id as mp\_id, mp\_name, '2' as mp\_type

 from psinfo\_mp\_air with (nolock)

 union all

 select id as mp\_id, mp\_name, '1' as mp\_type

 from psinfo\_mp\_water with (nolock)

 ) d on a.mp\_id = d.mp\_id group by a.ps\_id,a.mp\_id

)

select m.name '区县',m.code '区县Code', n.ps\_name '企业名称',n.ps\_id '企业名称Id',o.mp\_name '站点名称', o.mp\_id '站点名称Id'

 , p.transEnumber '即时传输应报', p.transmnumber '即时传输实报', p.effeenumber '即时有效应报', p.effemnumber '即时有效实报',

 p.transRate '即时传输率', p.effeRate '即时有效率', p.effeTransRate '即时有效传输率',

 q.transEnumber '补全传输应报', q.transmnumber '补全传输实报', q.effeenumber '补全有效应报', q.effemnumber '补全有效实报',

 q.transRate '补全传输率', q.effeRate '补全有效率', q.effeTransRate '补全有效传输率'

from t\_cc\_region m

left join ps\_info n on n.region\_code = m.code

left join mp\_info o on o.ps\_id = n.ps\_id

left join ps\_day p on p.region\_code = m.code and p.ps\_id = n.ps\_id and p.mp\_id = o.mp\_id

left join ps\_comple\_day q on p.ps\_id = q.ps\_id and p.region\_code = q.region\_code and p.mp\_id = q.mp\_id

where m.code like '3701%' and m.status = 1 and n.region\_code is not null

order by m.code , n.ps\_id, o.mp\_id;