

Manitou Core - SQL Query - MEW Factor Report

01/02/2024 6:22 pm EST

This report is specifically for getting the MEW factor on a site.

Nothing in this should need to be changed.

```
select
    'Residential' as [Type], count (*) as Cnt, '.333' as Multiplier, cast(count(*) * .333 as int) as [MEW Factor]
from
    contact
    join monitoring on contact.serialno = monitoring.serialno
where
    contact.conttype = 1 and
    contact.subtype = 0 and
    monitoring.commstate = 1

union all

select
    'Commercial Inactive' as [Type], count (*) as Cnt, '1' as Multiplier, cast(count(*) as int) as [MEW Factor]
from
    contact join monitoring on contact.serialno = monitoring.serialno
where
    contact.CONTTYPE = 1 and
    contact.SUBTYPE = 1 and
    MONITORING.commstate = 1 and
    not exists (select * from sarea where serialno = contact.serialno and isnull(schedno, '') <> '')

union all

select
    'Commercial O/C' as [Type], count (*) as Cnt, '3' as Multiplier, cast(count(*) * 3 as int) as [MEW Factor]
from
    contact join monitoring on contact.serialno = monitoring.serialno
    join sarea on sarea.serialno = contact.serialno and isnull(sarea.schedno, '') <> ''
where
    contact.CONTTYPE = 1 and
    contact.SUBTYPE = 1 and
    monitoring.commstate = 1

union all

select null as [Type], null as Cnt, null as Multiplier, cast(Total.Total as int) as [MEW Factor]
from CONTACT
cross apply (
    select count (*) as Cnt
    from contact
    join monitoring on contact.serialno = monitoring.serialno
    where
        contact.conttype = 1 and
        contact.subtype = 0 and
        monitoring.commstate = 1) as Cnt1
```

```

cross apply (
    select count(*) as Cnt
    from contact
    join monitoring on contact.serialno = monitoring.serialno
    where
        contact.CONTTYPE = 1 and
        contact.SUBTYPE = 1 and
        monitoring.commstate = 1 and
        not exists (select * from sarea where serialno = contact.serialno and isnull(schedno, '') <> '') as Cnt2
cross apply (
    select count(*) as Cnt
    from contact
    join monitoring on contact.serialno = monitoring.serialno
        join sarea on sarea.serialno = contact.serialno and isnull(sarea.schedno, '') <> ''
    where
        contact.CONTTYPE = 1 and
        contact.SUBTYPE = 1 and
        monitoring.commstate = 1) as Cnt3
cross apply (select Cnt3.Cnt * 3 + round(Cnt1.Cnt * .333, 0) + Cnt2.Cnt as Total) as Total
where CONTTYPE = 0 and SERIALNO = 1

```