Freddie Mckendrick Provisioning Rate Query 15.01.2021

**Helper Count from 1995**

**Produced 497 records**

**Saved as FM\_HelperCount1995\_2020**

SELECT tblFieldPeriodIDs.Island, tblFieldPeriodIDs.FieldPeriodID, tblBreedStatus.BreedGroupID, tblBreedStatus.Status, Count(tblBreedStatus.Status) AS HelperNumber, tblTerritories.TerritoryNumber

FROM tblTerritories INNER JOIN (tblFieldPeriodIDs INNER JOIN (tblBreedGroupLocation INNER JOIN tblBreedStatus ON tblBreedGroupLocation.BreedGroupID = tblBreedStatus.BreedGroupID) ON tblFieldPeriodIDs.FieldPeriodID = tblBreedGroupLocation.FieldPeriodID) ON tblTerritories.TerritoryID = tblBreedGroupLocation.TerritoryID

GROUP BY tblFieldPeriodIDs.Island, tblFieldPeriodIDs.FieldPeriodID, tblBreedStatus.BreedGroupID, tblBreedStatus.Status, tblTerritories.TerritoryNumber

HAVING (((tblFieldPeriodIDs.Island)="CN") AND ((tblFieldPeriodIDs.FieldPeriodID)>=19) AND ((tblBreedStatus.Status)="H"));

**Group membership**

**Not including NSA just yet.**

**When I checked there were 147 NSA individuals which were present in more than one breeding group. Not sure how I will go about selecting which group to put them so removed from the current query**

**Saved as FM\_GroupMember1995\_2020**

SELECT tblFieldPeriodIDs.Island, tblFieldPeriodIDs.FieldPeriodID, tblBreedStatus.BreedGroupID, tblBreedStatus.Status, tblBreedStatus.BirdID, Count(tblBreedStatus.Status) AS AdditionalBirds, tblTerritories.TerritoryNumber

FROM tblTerritories INNER JOIN (tblFieldPeriodIDs INNER JOIN (tblBreedGroupLocation INNER JOIN tblBreedStatus ON tblBreedGroupLocation.BreedGroupID = tblBreedStatus.BreedGroupID) ON tblFieldPeriodIDs.FieldPeriodID = tblBreedGroupLocation.FieldPeriodID) ON tblTerritories.TerritoryID = tblBreedGroupLocation.TerritoryID

GROUP BY tblFieldPeriodIDs.Island, tblFieldPeriodIDs.FieldPeriodID, tblBreedStatus.BreedGroupID, tblBreedStatus.Status, tblBreedStatus.BirdID, tblTerritories.TerritoryNumber

HAVING (((tblFieldPeriodIDs.Island)="CN") AND ((tblFieldPeriodIDs.FieldPeriodID)>=19) AND ((tblBreedStatus.Status)="AB" Or (tblBreedStatus.Status)="ABX" Or (tblBreedStatus.Status)="BrM" Or (tblBreedStatus.Status)="BrF" Or (tblBreedStatus.Status)="B" Or (tblBreedStatus.Status)="BrU" Or (tblBreedStatus.Status)="TBRM" Or (tblBreedStatus.Status)="TBRF" Or (tblBreedStatus.Status)="H"));

**Count number of group members**

**Produced 12556 records (13054 when I included NSA as well into previous query)**

**Save as FM\_GroupSize1995\_2020**

SELECT tblFieldPeriodIDs.FieldPeriodID, tblFieldPeriodIDs.Island, tblBreedGroupLocation.BreedGroupID, Count(FM\_GroupMember1995\_2020.AdditionalBirds) AS CountOfAdditionalBirds, tblTerritories.TerritoryNumber

FROM tblTerritories INNER JOIN ((FM\_GroupMember1995\_2020 INNER JOIN tblFieldPeriodIDs ON FM\_GroupMember1995\_2020.FieldPeriodID = tblFieldPeriodIDs.FieldPeriodID) INNER JOIN tblBreedGroupLocation ON (tblFieldPeriodIDs.FieldPeriodID = tblBreedGroupLocation.FieldPeriodID) AND (FM\_GroupMember1995\_2020.BreedGroupID = tblBreedGroupLocation.BreedGroupID)) ON tblTerritories.TerritoryID = tblBreedGroupLocation.TerritoryID

GROUP BY tblFieldPeriodIDs.FieldPeriodID, tblFieldPeriodIDs.Island, tblBreedGroupLocation.BreedGroupID, tblTerritories.TerritoryNumber

HAVING (((tblFieldPeriodIDs.FieldPeriodID)>=19) AND ((tblFieldPeriodIDs.Island)="CN"));

**Counts of number of helpers and group size into one query**

**Produced 5218 records**

**78 breed groups have NA territory number**

**Saved as FM\_HelperGroupSize1995\_2020**

SELECT tblFieldPeriodIDs.FieldPeriodID, tblFieldPeriodIDs.Island, tblBreedGroupLocation.BreedGroupID, FM\_HelperCount1995\_2020.HelperNumber, FM\_GroupSize1995\_2020.CountOfAdditionalBirds, tblTerritories.TerritoryNumber

FROM tblFieldPeriodIDs INNER JOIN (tblTerritories INNER JOIN ((FM\_HelperCount1995\_2020 RIGHT JOIN tblBreedGroupLocation ON FM\_HelperCount1995\_2020.BreedGroupID = tblBreedGroupLocation.BreedGroupID) LEFT JOIN FM\_GroupSize1995\_2020 ON tblBreedGroupLocation.BreedGroupID = FM\_GroupSize1995\_2020.BreedGroupID) ON tblTerritories.TerritoryID = tblBreedGroupLocation.TerritoryID) ON tblFieldPeriodIDs.FieldPeriodID = tblBreedGroupLocation.FieldPeriodID

GROUP BY tblFieldPeriodIDs.FieldPeriodID, tblFieldPeriodIDs.Island, tblBreedGroupLocation.BreedGroupID, FM\_HelperCount1995\_2020.HelperNumber, FM\_GroupSize1995\_2020.CountOfAdditionalBirds, tblTerritories.TerritoryNumber

HAVING (((tblFieldPeriodIDs.FieldPeriodID)>=19) AND ((tblFieldPeriodIDs.Island)="CN"));

Provisioning rate query

Produced 1384 records between 1995 and 2020

Saved as FM\_ProvisioningRate1995\_2020

SELECT tblBirdID.BirdID, tblNestWatchStatus.Status, tblNestInfo.BreedGroupID, tblBreedGroupLocation.FieldPeriodID, tblNestWatchDetails.NestWatchID, tblNestWatchDetails.WatchDate, tblNestWatchDetails.StartTime, tblNestWatchBehaviours.Behaviour, Count(tblNestWatchBehaviours.Behaviour) AS ProvisioningVisit, tblNestWatchDetails.ObsDuration, sys\_SexEstimates.SexEstimate, DateDiff("d",[tblBirdID]![BirthDate],[tblNestWatchDetails]![WatchDate]) AS Age, tblBreedGroupLocation.TerritoryID, tblNestInfo.ClutchSize, tblNestInfo.BroodSize, tblNestInfo.NoFledglings, tblNestWatchDetails.WatchType, tblNestWatchDetails.NestID, tblNestInfo.NestNumber, tblTerritories.Island, tblNestWatchDetails.Accurate, tblNestWatchDetails.Observer, FM\_HelperGroupSize1995\_2020.HelperNumber, FM\_HelperGroupSize1995\_2020.CountOfAdditionalBirds AS GroupSize, tblTerritories.TerritoryNumber

FROM ((tblBirdID INNER JOIN sys\_SexEstimates ON tblBirdID.BirdID = sys\_SexEstimates.BirdID) INNER JOIN ((((tblTerritories INNER JOIN tblBreedGroupLocation ON tblTerritories.TerritoryID = tblBreedGroupLocation.TerritoryID) INNER JOIN tblNestInfo ON tblBreedGroupLocation.BreedGroupID = tblNestInfo.BreedGroupID) INNER JOIN tblNestWatchDetails ON tblNestInfo.NestID = tblNestWatchDetails.NestID) INNER JOIN (tblNestWatchStatus INNER JOIN tblNestWatchBehaviours ON (tblNestWatchStatus.BirdID = tblNestWatchBehaviours.BirdID) AND (tblNestWatchStatus.NestWatchID = tblNestWatchBehaviours.NestWatchID)) ON (tblNestWatchDetails.NestWatchID = tblNestWatchStatus.NestWatchID) AND (tblNestWatchDetails.NestWatchID = tblNestWatchBehaviours.NestWatchID)) ON tblBirdID.BirdID = tblNestWatchStatus.BirdID) INNER JOIN FM\_HelperGroupSize1995\_2020 ON tblBreedGroupLocation.BreedGroupID = FM\_HelperGroupSize1995\_2020.BreedGroupID

GROUP BY tblBirdID.BirdID, tblNestWatchStatus.Status, tblNestInfo.BreedGroupID, tblBreedGroupLocation.FieldPeriodID, tblNestWatchDetails.NestWatchID, tblNestWatchDetails.WatchDate, tblNestWatchDetails.StartTime, tblNestWatchBehaviours.Behaviour, tblNestWatchDetails.ObsDuration, sys\_SexEstimates.SexEstimate, DateDiff("d",[tblBirdID]![BirthDate],[tblNestWatchDetails]![WatchDate]), tblBreedGroupLocation.TerritoryID, tblNestInfo.ClutchSize, tblNestInfo.BroodSize, tblNestInfo.NoFledglings, tblNestWatchDetails.WatchType, tblNestWatchDetails.NestID, tblNestInfo.NestNumber, tblTerritories.Island, tblNestWatchDetails.Accurate, tblNestWatchDetails.Observer, FM\_HelperGroupSize1995\_2020.HelperNumber, FM\_HelperGroupSize1995\_2020.CountOfAdditionalBirds, tblTerritories.TerritoryNumber

HAVING (((tblNestWatchStatus.Status)="BrF" Or (tblNestWatchStatus.Status)="BrM") AND ((tblBreedGroupLocation.FieldPeriodID)>=19) AND ((tblNestWatchBehaviours.Behaviour)="F" Or (tblNestWatchBehaviours.Behaviour)="FI") AND ((tblNestWatchDetails.WatchType)<>"FL" And (tblNestWatchDetails.WatchType)<>"I") AND ((tblTerritories.Island)="CN") AND ((tblNestWatchDetails.Accurate)=True))l;