

SQL

```
SELECT Year([SampleDate]) AS [Year], Sample.Survey, Sample.StationCode, TowEffort.TowNumber,  
Catch.Catch, Length.ForkLength, Length.LengthFrequency, luOrganism.OrganismCodeSTN,  
luOrganism.CommonName  
FROM ((luStation INNER JOIN Sample ON luStation.StationCodeSTN=Sample.StationCode) INNER JOIN  
TowEffort ON Sample.SampleRowID=TowEffort.SampleRowID) INNER JOIN ((luOrganism INNER JOIN Catch  
ON luOrganism.OrganismCodeSTN=Catch.OrganismCode) INNER JOIN Length ON  
Catch.CatchRowID=Length.CatchRowID) ON TowEffort.TowRowID=Catch.TowRowID  
WHERE (((Length.ForkLength)>0) AND ((luOrganism.OrganismCodeSTN)=[Which Code?]))  
ORDER BY Year([SampleDate]), Sample.Survey, Sample.StationCode, TowEffort.TowNumber, Catch.Catch;
```

SQL

```
SELECT AdjLFDNotAlter_Step1.Year, AdjLFDNotAlter_Step1.Survey, AdjLFDNotAlter_Step1.StationCode,  
AdjLFDNotAlter_Step1.TowNumber, AdjLFDNotAlter_Step1.OrganismCodeSTN,  
AdjLFDNotAlter_Step1.CommonName, Sum(AdjLFDNotAlter_Step1.LengthFrequency) AS  
SumOfLengthFrequency  
FROM AdjLFDNotAlter_Step1  
GROUP BY AdjLFDNotAlter_Step1.Year, AdjLFDNotAlter_Step1.Survey, AdjLFDNotAlter_Step1.StationCode,  
AdjLFDNotAlter_Step1.TowNumber, AdjLFDNotAlter_Step1.OrganismCodeSTN,  
AdjLFDNotAlter_Step1.CommonName  
ORDER BY AdjLFDNotAlter_Step1.Year, AdjLFDNotAlter_Step1.Survey, AdjLFDNotAlter_Step1.StationCode,  
AdjLFDNotAlter_Step1.TowNumber, AdjLFDNotAlter_Step1.OrganismCodeSTN;
```

SQL

```
SELECT AdjLFDNotAlter_Step1.Year, AdjLFDNotAlter_Step1.Survey, AdjLFDNotAlter_Step1.StationCode,  
AdjLFDNotAlter_Step1.TowNumber, AdjLFDNotAlter_Step1.OrganismCodeSTN,  
AdjLFDNotAlter_Step1.CommonName, AdjLFDNotAlter_Step1.ForkLength,  
AdjLFDNotAlter_Step1.LengthFrequency, ([LengthFrequency]*([Catch]/[SumOfLengthFrequency])) AS AdjLF  
FROM AdjLFDNotAlter_Step1 LEFT JOIN AdjLFDNotAlter_Step2 ON  
(AdjLFDNotAlter_Step1.OrganismCodeSTN = AdjLFDNotAlter_Step2.OrganismCodeSTN) AND  
(AdjLFDNotAlter_Step1.TowNumber = AdjLFDNotAlter_Step2.TowNumber) AND  
(AdjLFDNotAlter_Step1.StationCode = AdjLFDNotAlter_Step2.StationCode) AND  
(AdjLFDNotAlter_Step1.Survey = AdjLFDNotAlter_Step2.Survey) AND (AdjLFDNotAlter_Step1.Year =  
AdjLFDNotAlter_Step2.Year)  
ORDER BY AdjLFDNotAlter_Step1.Year, AdjLFDNotAlter_Step1.Survey, AdjLFDNotAlter_Step1.StationCode,  
AdjLFDNotAlter_Step1.TowNumber, AdjLFDNotAlter_Step1.OrganismCodeSTN,  
AdjLFDNotAlter_Step1.ForkLength;
```

SQL

```
SELECT Year([SampleDate]) AS [Year], Sample.Survey, Sample.SampleDate, Sample.StationCode,  
TowEffort.TowNumber, TowEffort.TowRowID, TowEffort.MeterIn, TowEffort.MeterOut, IIf([MeterOut]-  
[MeterIn]<0,[MeterOut]+1000000-[MeterIn],[MeterOut]-[MeterIn]) AS MeterTotal, TowEffort.MeterSerial,  
luStation.Region  
FROM (luStation INNER JOIN Sample ON luStation.StationCodeSTN=Sample.StationCode) INNER JOIN  
TowEffort ON Sample.SampleRowID=TowEffort.SampleRowID  
GROUP BY Year([SampleDate]), Sample.Survey, Sample.SampleDate, Sample.StationCode,  
TowEffort.TowNumber, TowEffort.TowRowID, TowEffort.MeterIn, TowEffort.MeterOut, IIf([MeterOut]-  
[MeterIn]<0,[MeterOut]+1000000-[MeterIn],[MeterOut]-[MeterIn]), TowEffort.MeterSerial, luStation.Region  
ORDER BY Year([SampleDate]), Sample.Survey, Sample.StationCode, TowEffort.TowNumber;
```

SQL

```
SELECT [CPUE_Step 1].Year, [CPUE_Step 1].Survey, [CPUE_Step 1].SampleDate, [CPUE_Step 1].StationCode,  
[CPUE_Step 1].TowNumber, [CPUE_Step 1].TowRowID, [CPUE_Step 1].MeterIn, [CPUE_Step 1].MeterOut,  
[CPUE_Step 1].MeterTotal, [CPUE_Step 1].MeterSerial, Web_Local_Meter_Corrections.[Calibration Date],  
Web_Local_Meter_Corrections.[k factor], Iif([CPUE_Step 1]!MeterIn Is Null,"735",([k  
factor]*[MeterTotal]*1.49)) AS TowVolm3, Iif([MeterOut]-[MeterIn]<0,([MeterOut]+1000000)-  
[MeterIn],[MeterOut]-[MeterIn]) AS MeterDiffCalc, [CPUE_Step 1].Region  
FROM [CPUE_Step 1] LEFT JOIN Web_Local_Meter_Corrections ON ([CPUE_Step  
1].MeterSerial=Web_Local_Meter_Corrections.[Meter Serial]) AND ([CPUE_Step  
1].Year=Web_Local_Meter_Corrections.[Study Year])  
ORDER BY [CPUE_Step 1].Year, [CPUE_Step 1].Survey, [CPUE_Step 1].StationCode, [CPUE_Step  
1].TowNumber;
```

SQL

```
SELECT [CPUE_Step 2].Year, [CPUE_Step 2].Survey, [CPUE_Step 2].SampleDate, [CPUE_Step 2].StationCode,  
[CPUE_Step 2].TowNumber, [CPUE_Step 2].TowVolm3, Catch.TowRowID, Catch.OrganismCode,  
luOrganism.CommonName, Catch.Catch, IIf([catch] Is Null,0,([catch]/[TowVolm3]*10000)) AS CPUE,  
[CPUE_Step 2].Region  
FROM [CPUE_Step 2] INNER JOIN (Catch LEFT JOIN luOrganism ON  
Catch.OrganismCode=luOrganism.OrganismCodeSTN) ON [CPUE_Step 2].TowRowID=Catch.TowRowID  
GROUP BY [CPUE_Step 2].Year, [CPUE_Step 2].Survey, [CPUE_Step 2].SampleDate, [CPUE_Step  
2].StationCode, [CPUE_Step 2].TowNumber, [CPUE_Step 2].TowVolm3, Catch.TowRowID,  
Catch.OrganismCode, luOrganism.CommonName, Catch.Catch, IIf([catch] Is  
Null,0,([catch]/[TowVolm3]*10000)), [CPUE_Step 2].Region  
ORDER BY [CPUE_Step 2].Year, [CPUE_Step 2].Survey, [CPUE_Step 2].StationCode, [CPUE_Step  
2].TowNumber;
```

SQL

```
SELECT [CPUE_Step 3].Year, [CPUE_Step 3].Survey, [CPUE_Step 3].SampleDate, [CPUE_Step 3].StationCode,  
TowsCompleted.MaxOfTowNumber, [CPUE_Step 3].CommonName, [CPUE_Step 3].OrganismCode,  
Sum([CPUE]/[MaxofTowNumber]) AS AveCPUE  
FROM TowsCompleted INNER JOIN [CPUE_Step 3] ON (TowsCompleted.StationCode = [CPUE_Step  
3].StationCode) AND (TowsCompleted.SampleDate = [CPUE_Step 3].SampleDate)  
GROUP BY [CPUE_Step 3].Year, [CPUE_Step 3].Survey, [CPUE_Step 3].SampleDate, [CPUE_Step  
3].StationCode, TowsCompleted.MaxOfTowNumber, [CPUE_Step 3].CommonName, [CPUE_Step  
3].OrganismCode  
HAVING ((([CPUE_Step 3].OrganismCode) Is Not Null))  
ORDER BY [CPUE_Step 3].Year, [CPUE_Step 3].Survey, [CPUE_Step 3].StationCode, [CPUE_Step  
3].OrganismCode;
```

SQL

```
TRANSFORM First([CPUE_Step 3].CPUE) AS FirstOfCPUE
SELECT DatePart('yyyy',Sample!SampleDate) AS [Year], Sample.Survey, Sample.SampleDate,
Sample.StationCode, TowEffort.TowNumber, Sample.TemperatureTop, Sample.Secchi,
Sample.ConductivityTop, Sample.TideCode, Sample.DepthBottom
FROM Sample LEFT JOIN (TowEffort LEFT JOIN [CPUE_Step 3] ON TowEffort.TowRowID = [CPUE_Step
3].TowRowID) ON Sample.SampleRowID = TowEffort.SampleRowID
GROUP BY DatePart('yyyy',Sample!SampleDate), Sample.Survey, Sample.SampleDate, Sample.StationCode,
TowEffort.TowNumber, Sample.TemperatureTop, Sample.Secchi, Sample.ConductivityTop, Sample.TideCode,
Sample.DepthBottom
ORDER BY DatePart('yyyy',Sample!SampleDate), Sample.Survey, Sample.StationCode, TowEffort.TowNumber
PIVOT [CPUE_Step 3].CommonName;
```


SQL

```
SELECT DatePart("yyyy",[SampleDate]) AS [Year], Sample.Survey, Sample.SampleDate, Sample.StationCode,  
Max(TowEffort.TowNumber) AS MaxOfTowNumber  
FROM Sample INNER JOIN TowEffort ON Sample.SampleRowID = TowEffort.SampleRowID  
GROUP BY DatePart("yyyy",[SampleDate]), Sample.Survey, Sample.SampleDate, Sample.StationCode  
ORDER BY DatePart("yyyy",[SampleDate]), Sample.Survey, Sample.StationCode;
```