

Re: Weekly crosstab query

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2007-11/msg00014.html>

- *From:* "John Spencer" <spencer@xxxxxxxxx>
 - *Date:* Thu, 1 Nov 2007 08:03:57 -0400
-

Sorry about the delay in responding.

I have no solution for your problem. You might look at building additional queries for the other information and then linking the queries together by some unique field(s). OR you might look at using sub-reports in your main report.

It kind of depends on how you wish to display the data in the report.

If you do use queries linked together you are probably going to need to ensure that the queries return data for the same set of employees. If you don't you could end up dropping employees from the report. That could mean that you need to change your INNER JOINS to LEFT (or Right) JOINS in order to ensure that each employee is returned. The problem here is that if you apply criteria to the table on the right of a left join then you negate the left join. You would need to use a subquery to return the records or nest queries.

```
Query One saved as qOT
PARAMETERS Weekendingdate DateTime;
SELECT EmpID, LeaveGranted, OTDLDate
FROM OverTimeTracking
WHERE Authorized = 4 and
OTDLDate
Between DateAdd("d",1-Weekday([Weekendingdate],7),[Weekendingdate])
and DateAdd("d",1-Weekday([Weekendingdate],7),[Weekendingdate])+6
```

Query Two uses query one in place of the OvertimeTracking table

```
TRANSFORM Max(qOT.LeaveGranted) AS MaxOfLeaveGranted
SELECT Employees.SSI
FROM Employees LEFT JOIN qOT
ON Employees.SSI = qOT.EmpID
```

```
GROUP BY Employees.SSI
```

```
PIVOT Format(OTDLDate,"ddd") IN
("Sat", "Sun", "Mon", "Tue", "Wed", "Thu", "Fri")
```

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Now you need to do something similar for the other sets of data you need and FINALLY you would need to combine the three queries you have created into one with

```
SELECT qWeek.SSI,  
FROM (qWeek INNER JOIN qQtrToDate  
ON qWeek.SSI = qQtrToDate.SSI)  
INNER JOIN qPrior ON  
qWeek.SSI = qPrior.SSI
```

There may be something simpler, but I am not seeing it at present.

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John Spencer
Access MVP 2002–2005, 2007
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"Nick" <Nick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:1211BF74-1A42-45D1-A8E5-54386B5F8930@xxxxxxxxxxxxxxxxxxxx

Thank you John, I do not know what I did incorrectly but I could not get the query to work after pasting what you gave me however, I pasted SQL into a new query and it worked fine. As for your first question, I am trying to create a query that will total figures prior to the week requested of the current quarter, the total for the week(which I have) and then totals for quarter to date. I assumed I would need a different query to accomplish this.

Do I build another query with the parameter given or can I expand on what I

have? The report will have to show amount of leave given in a quarter prior to the week requested and then total leave after the week has been completed

I already have the week totals.

Again Thank You!

"John Spencer" wrote:

First, you will have to clarify. A report can only have one query or one table as its source. So how would you have multiple queries as the source of a report?

```
I would expect to see a query that look like  
PARAMETERS Weekendingdate DateTime;  
TRANSFORM Max(OvertimeTracking.LeaveGranted) AS  
MaxOfLeaveGranted  
SELECT Employees.SSI  
FROM Employees INNER JOIN OvertimeTracking
```

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```
ON Employees.SSI = OvertimeTracking.EMPiD
WHERE (((OvertimeTracking.aAUTHORIZED)=4)) and OTDLDate
Between DateAdd("d",1-Weekday([Weekendingdate],7),[Weekendingdate])
and DateAdd("d",1-Weekday([Weekendingdate],7),[Weekendingdate])+6
```

```
GROUP BY Employees.SSI
```

```
PIVOT Format(OTDLDate,"ddd") IN
("Sat", "Sun", "Mon", "Tue","Wed","Thu","Fri")
```

```
'=====
John Spencer
Access MVP 2002-2005, 2007
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University of Maryland Baltimore County
'=====
```

Nick wrote:

```
After pasting SQL in PIVOT, I am receiving Error 3142.
This query one
of
several on a report, will have to change all to read as this one
does?
PARAMETERS Weekendingdate DateTime;
TRANSFORM Max(OvertimeTracking.LeaveGranted) AS
MaxOfLeaveGranted
SELECT Employees.SSI
FROM Employees INNER JOIN OvertimeTracking ON
Employees.SSI =
OvertimeTracking.EMPiD
WHERE (((OvertimeTracking.aAUTHORIZED)=4))
GROUP BY Employees.SSI,
OvertimeTracking.aAUTHORIZED
PIVOT "Lea" &
DateDiff("d",[oTDLdaTE],[Weekendingdate]) In
("Lea0","Lea1","Lea2","Lea3","Lea4","Lea5","Lea6");
```

"John Spencer" wrote:

If you switch the crosstab query to SQL
view you will see the actual
SQL
statement that the Design view builds. Copy
that and paste it to a
posting and we can try to modify it.

Re: Weekly crosstab query

Of course, you could try modifying it yourself in accordance with the prior posting. If you do the work yourself, you are likely to retain the technique and advance your skill level significantly.

=====
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Management
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