SQL: Total Number of Sick (New and Est) by Location and Provider

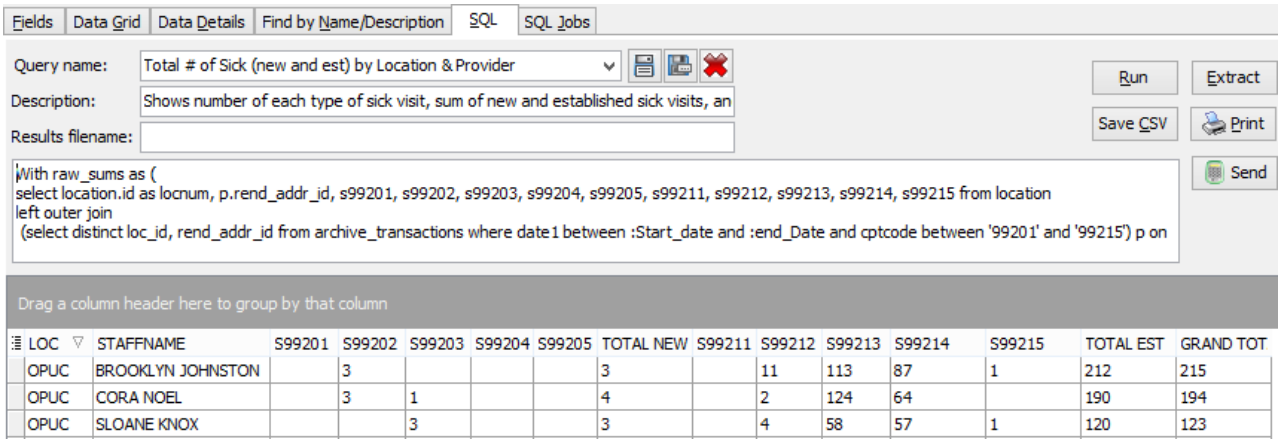
Last Modified on 01/06/2022 10:57 am EST

There are **two versions** of this SQL: Firebird and MySQL. The **MySQL version** only applies to clients who are **BETA testing MySQL**. All other Practices should continue to use the Firebird version of this code. Click to expand and copy the code you need. If you are unsure which code to use, please check with your Practice Administrator.

About

Shows the number of each type of sick visit, the sum of new and established sick visits, and grand total of sick visits for a period you specify, grouped by location and rendering provider.

A sample image of this SQL report run in the Database Viewer is shown below:



LOC	STAFFNAME	S99201	S99202	S99203	S99204	S99205	TOTAL NEW	S99211	S99212	S99213	S99214	S99215	TOTAL EST	GRAND TOT
OPUC	BROOKLYN JOHNSTON		3				3		11	113	87	1	212	215
OPUC	CORA NOEL		3	1			4		2	124	64		190	194
OPUC	SLOANE KNOX			3			3		4	58	57	1	120	123

Caveats

Takes a while to run. Do not run for periods exceeding a year at a time.

SQL Code: Firebird

To highlight and copy the code below to your clipboard, simply click the **Copy** button.

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```
With raw_sums as (
select location.id as locnum, p.rend_addr_id, s99201, s99202, s99203, s99204, s99205, s99211, s99212, s99213, s9921
4, s99215 from location
left outer join
 (select distinct loc_id, rend_addr_id from archive_transactions where date1 between :Start_date and :end_Date and cptc
ode between '99201' and '99215') p on p.loc_id = location.id
left outer join
 (select loc_id, rend_addr_id,count(cptcode) as s99201 from archive_transactions where cptcode = '99201' and archive_F
lag = 1 and date1 between :Start_date and :end_Date group by loc_id, rend_addr_id ) a on a.loc_id = location.id and a.re
nd_addr_id = p.rend_addr_id
left outer join
```

```
 (select loc_id, rend_addr_id,  count(cptcode) as s99202 from archive_transactions where cptcode = '99202' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) b on b.loc_id = location.id and   b.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99203 from archive_transactions where cptcode = '99203' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) c on c.loc_id = location.id and   c.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99204 from archive_transactions where cptcode = '99204' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) d on d.loc_id = location.id and   d.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99205 from archive_transactions where cptcode = '99205' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) e on e.loc_id = location.id and   e.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99211 from archive_transactions where cptcode = '99211' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) f on f.loc_id = location.id and   f.r
end_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99212 from archive_transactions where cptcode = '99212' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) g on g.loc_id = location.id and   g.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99213 from archive_transactions where cptcode = '99213' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) h on h.loc_id = location.id and   h.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99214 from archive_transactions where cptcode = '99214' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) i on i.loc_id = location.id and   i.re
nd_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99215 from archive_transactions where cptcode = '99215' and archive_
Flag = 1 and date1 between :Start_date and :end_Date  group by loc_id, rend_addr_id) j on j.loc_id = location.id and   j.re
nd_addr_id = p.rend_addr_id

where location.archive_flag <> 1

), all_locs as
(select id, loc_name from location where archive_flag <> 1),

provider_new_sums as
(
Select loc_id, rend_addr_id, count(cptcode) as total_new from
(
Select loc_id, rend_addr_id, cptcode from archive_Transactions at1
where date1 between :Start_date and :end_Date and  (cptcode between '99201' and '99205') and at1.archive_Flag = 1
) group by loc_id,  rend_addr_id
),
provider_est_sums as
(

Select loc_id, rend_addr_id, count(cptcode) as total_est from
(
Select loc_id, rend_addr_id, cptcode from archive_Transactions at1
where date1 between :Start_date and :end_Date and  (cptcode between '99211' and '99215') and at1.archive_Flag = 1
) group by loc_id,  rend_addr_id



)
```

```
select loc_name, staffname, s99201, s99202, s99203, s99204,s99205,total_new, s99211,s99212,s99213,s99214,s99215
, total_est, coalesce(total_new,0) + coalesce(total_est,0) as grand_total from
(
Select all_locs.loc_name, staffname, raw_sums.s99201, raw_sums.s99202, raw_sums.s99203, raw_sums.s99204, raw_su
ms.s99205, pns.total_new,
raw_sums.s99211, raw_sums.s99212, raw_sums.s99213, raw_sums.s99214, raw_sums.s99215,
pes.total_est from all_locs
Left outer join raw_sums on raw_sums.locnum = all_locs.id
left outer join provider_new_sums pns on pns.loc_id = raw_sums.locnum and  pns.rend_addr_id = raw_sums.rend_addr_i
d
left outer join provider_est_sums pes on pes.loc_id = raw_sums.locnum and  pes.rend_addr_id = raw_sums.rend_addr_id
left outer join staff1 on staff1.staffid = raw_sums.rend_addr_id
union


select loc_name, '_Total' as staffname, sum(s99201) as t_99201, sum(s99202) as t_99202, sum(s99203) as t_99203, su
m(s99204) as t_99204, sum(s99205) as t_99205,
sum(total_new) as t_new, sum(s99211) as t_99211, sum(s99212) as t_99212, sum(s99213) as t_99213, sum(s99214) a
s t_99214, sum(s99215) as t_99215, sum(total_est) as t_est from
(
Select all_locs.loc_name, raw_sums.*, pns.total_new, pes.total_est from all_locs
Left outer join raw_sums on raw_sums.locnum = all_locs.id
left outer join provider_new_sums pns on pns.loc_id = raw_sums.locnum and  pns.rend_addr_id = raw_sums.rend_addr_i
d
left outer join provider_est_sums pes on pes.loc_id = raw_sums.locnum and  pes.rend_addr_id = raw_sums.rend_addr_id
) group by loc_name, locnum

) order by loc_name, staffname
```

SQL Code: MySQL

To highlight and copy the code below to your clipboard, simply click the **Copy** button.

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```
select loc_name, staffname, s99201, s99202, s99203, s99204,s99205,total_new, s99211,s99212,s99213,s99214,s99215
, total_est, coalesce(total_new,0) + coalesce(total_est,0) as grand_total from
(
Select all_locs.loc_name, staffname, raw_sums.s99201, raw_sums.s99202, raw_sums.s99203, raw_sums.s99204, raw_su
ms.s99205, pns.total_new,
raw_sums.s99211, raw_sums.s99212, raw_sums.s99213, raw_sums.s99214, raw_sums.s99215,
pes.total_est from (select id, loc_name from location where archive_flag <> 1)  all_locs
Left outer join (select location.id as locnum, p.rend_addr_id, s99201, s99202, s99203, s99204, s99205, s99211, s99212,
s99213, s99214, s99215 from location
left outer join
 (select distinct loc_id, rend_addr_id from archive_transactions where date1 between :start_date and :end_date and cptc
ode between '99201' and '99215') p on p.loc_id = location.id
left outer join
 (select loc_id, rend_addr_id,count(cptcode) as s99201 from archive_transactions where cptcode = '99201' and archive_F
lag = 1 and date1 between  :start_date and :end_date group by loc_id, rend_addr_id ) a on a.loc_id = location.id and a.re
nd_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99202 from archive_transactions where cptcode = '99202' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) b on b.loc_id = location.id and   b.
rend_addr_id = p.rend_addr_id
```

```
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99203 from archive_transactions where cptcode = '99203' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) c on c.loc_id = location.id and   c.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99204 from archive_transactions where cptcode = '99204' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) d on d.loc_id = location.id and   d.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99205 from archive_transactions where cptcode = '99205' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) e on e.loc_id = location.id and   e.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99211 from archive_transactions where cptcode = '99211' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) f on f.loc_id = location.id and   f.r
end_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99212 from archive_transactions where cptcode = '99212' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) g on g.loc_id = location.id and   g.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99213 from archive_transactions where cptcode = '99213' and archive_
Flag = 1 and date1 between :start_date and :end_date  group by loc_id, rend_addr_id) h on h.loc_id = location.id and   h.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99214 from archive_transactions where cptcode = '99214' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) i on i.loc_id = location.id and   i.re
nd_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99215 from archive_transactions where cptcode = '99215' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) j on j.loc_id = location.id and   j.re
nd_addr_id = p.rend_addr_id
where location.archive_flag <> 1 ) raw_sums on raw_sums.locnum = all_locs.id
left outer join staff1 on staff1.staffid = raw_sums.rend_addr_id
left outer join ( Select loc_id, rend_addr_id, count(cptcode) as total_new from ( Select loc_id, rend_addr_id, cptcode from
archive_Transactions at1 where date1 between  :start_date and :end_date and  (cptcode between '99201' and '99205') a
nd at1.archive_Flag = 1
) t1 group by loc_id,  rend_addr_id ) pns on pns.loc_id = raw_sums.locnum and  pns.rend_addr_id = raw_sums.rend_addr
_id
left outer join ( Select loc_id, rend_addr_id, count(cptcode) as total_est from ( Select loc_id, rend_addr_id, cptcode from
archive_Transactions at1 where date1 between  :start_date and :end_date and  (cptcode between '99211' and '99215') a
nd at1.archive_Flag = 1 ) t2 group by loc_id,  rend_addr_id
) pes on pes.loc_id = raw_sums.locnum and  pes.rend_addr_id = raw_sums.rend_addr_id
union

select loc_name, '_Total' as staffname, sum(s99201) as t_99201, sum(s99202) as t_99202, sum(s99203) as t_99203, su
m(s99204) as t_99204, sum(s99205) as t_99205,
sum(total_new) as t_new, sum(s99211) as t_99211, sum(s99212) as t_99212, sum(s99213) as t_99213, sum(s99214) a
s t_99214, sum(s99215) as t_99215, sum(total_est) as t_est from
(
Select all_locs.loc_name, raw_sums.*, pns.total_new, pes.total_est from (select id, loc_name from location where archive
_flag <> 1) all_locs
Left outer join (
select location.id as locnum, p.rend_addr_id, s99201, s99202, s99203, s99204, s99205, s99211, s99212, s99213, s9921
4, s99215 from location
left outer join
 (select distinct loc_id, rend_addr_id from archive_transactions where date1 between :start_date and :end_date and cptc
ode between '99201' and '99215') p on p.loc_id = location.id
left outer join
 (select loc_id, rend_addr_id,count(cptcode) as s99201 from archive_transactions where cptcode = '99201' and archive_F
lag = 1 and date1 between  :start_date and :end_date group by loc_id, rend_addr_id ) a on a.loc_id = location.id and a.re
nd_addr_id = p.rend_addr_id
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```
nd_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99202 from archive_transactions where cptcode = '99202' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) b on b.loc_id = location.id and  b.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99203 from archive_transactions where cptcode = '99203' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) c on c.loc_id = location.id and  c.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99204 from archive_transactions where cptcode = '99204' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) d on d.loc_id = location.id and  d.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99205 from archive_transactions where cptcode = '99205' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) e on e.loc_id = location.id and  e.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99211 from archive_transactions where cptcode = '99211' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) f on f.loc_id = location.id and  f.r
end_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99212 from archive_transactions where cptcode = '99212' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) g on g.loc_id = location.id and  g.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99213 from archive_transactions where cptcode = '99213' and archive_
Flag = 1 and date1 between :start_date and :end_date  group by loc_id, rend_addr_id) h on h.loc_id = location.id and  h.
rend_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99214 from archive_transactions where cptcode = '99214' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) i on i.loc_id = location.id and  i.re
nd_addr_id = p.rend_addr_id
left outer join
 (select loc_id, rend_addr_id,  count(cptcode) as s99215 from archive_transactions where cptcode = '99215' and archive_
Flag = 1 and date1 between  :start_date and :end_date  group by loc_id, rend_addr_id) j on j.loc_id = location.id and  j.re
nd_addr_id = p.rend_addr_id
where location.archive_flag <> 1
) raw_sums on raw_sums.locnum = all_locs.id
left outer join ( Select loc_id, rend_addr_id, count(cptcode) as total_new from ( Select loc_id, rend_addr_id, cptcode from
archive_Transactions at1 where date1 between  :start_date and :end_date and  (cptcode between '99201' and '99205') a
nd at1.archive_Flag = 1
) t3  group by loc_id,  rend_addr_id ) pns on pns.loc_id = raw_sums.locnum and  pns.rend_addr_id = raw_sums.rend_add
r_id
left outer join ( Select loc_id, rend_addr_id, count(cptcode) as total_est from ( Select loc_id, rend_addr_id, cptcode from
archive_Transactions at1 where date1 between  :start_date and :end_date and  (cptcode between '99211' and '99215') a
nd at1.archive_Flag = 1 ) t4 group by loc_id,  rend_addr_id
) pes on pes.loc_id = raw_sums.locnum and  pes.rend_addr_id = raw_sums.rend_addr_id
) t5 group by loc_name, locnum

) t6 order by loc_name, staffname
```