

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

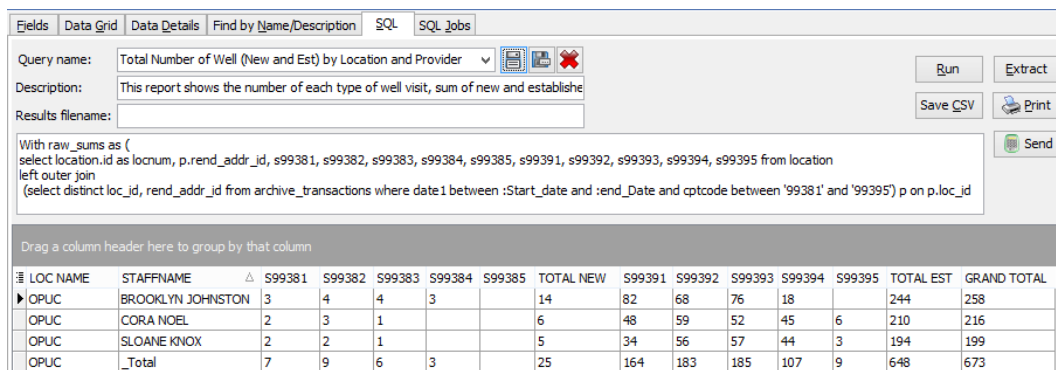
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**i** There are **two versions** of this SQL: Firebird and MySQL. The **MySQL version** only applies to clients who are **BETA testing MySQL**. All other Practices should continue to use the Firebird version of this code. Click to expand and copy the 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 well visit, the sum of new and established well visits, and grand total of well 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:



The screenshot shows the Database Viewer interface with the following components:

- Query name:** Total Number of Well (New and Est) by Location and Provider
- Description:** This report shows the number of each type of well visit, sum of new and establishe
- Results filename:** (empty field)
- SQL Code:**

```
With raw_sums as (
select location.id as locnum, p.rend_addr_id, s99381, s99382, s99383, s99384, s99385, s99391, s99392, s99393, s99394, s99395 from location
left outer join
(select distinct loc_id, rend_addr_id from archive_transactions where date1 between :Start_date and :end_Date and cptcode between '99381' and '99395') p on p.loc_id = location.id
left outer join
(select loc_id, rend_addr_id, count(cptcode) as s99381 from archive_transactions where cptcode = '99381' and archive_Flag = 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.rend_addr_id = p.rend_addr_id
left outer join
(select loc_id, rend_addr_id, count(cptcode) as s99382 from archive_transactions where cptcode = '99382' and archive
```
- Results Table:**

LOC NAME	STAFFNAME	S99381	S99382	S99383	S99384	S99385	TOTAL NEW	S99391	S99392	S99393	S99394	S99395	TOTAL EST	GRAND TOTAL
OPUC	BROOKLYN JOHNSTON	3	4	4	3		14	82	68	76	18		244	258
OPUC	CORA NOEL	2	3	1			6	48	59	52	45	6	210	216
OPUC	SLOANE KNOX	2	2	1			5	34	56	57	44	3	194	199
OPUC	_Total	7	9	6	3		25	164	183	185	107	9	648	673

## Caveats

- Takes a while to run. Do not run for periods exceeding a year at a time.
- Well visits are defined as 9938x and 9939x billed through OP.

## SQL Code: Firebird

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

Copy

```
With raw_sums as (
select location.id as locnum, p.rend_addr_id, s99381, s99382, s99383, s99384, s99385, s99391, s99392, s99393, s99394, s99395 from location
left outer join
(select distinct loc_id, rend_addr_id from archive_transactions where date1 between :Start_date and :end_Date and cptcode between '99381' and '99395') p on p.loc_id = location.id
left outer join
(select loc_id, rend_addr_id, count(cptcode) as s99381 from archive_transactions where cptcode = '99381' and archive_Flag = 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.rend_addr_id = p.rend_addr_id
left outer join
(select loc_id, rend_addr_id, count(cptcode) as s99382 from archive_transactions where cptcode = '99382' and archive
```

```

(select loc_id, rend_addr_id, count(cptcode) as s99382 from archive_transactions where cptcode = '99382' 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 s99383 from archive_transactions where cptcode = '99383' 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 s99384 from archive_transactions where cptcode = '99384' 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 s99385 from archive_transactions where cptcode = '99385' 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 s99391 from archive_transactions where cptcode = '99391' 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 s99392 from archive_transactions where cptcode = '99392' 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 s99393 from archive_transactions where cptcode = '99393' 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 s99394 from archive_transactions where cptcode = '99394' 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 s99395 from archive_transactions where cptcode = '99395' 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 '99381' and '99385') 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 '99391' and '99395') and at1.archive_Flag = 1
) group by loc_id, rend_addr_id

)

select loc_name, staffname, s99381, s99382, s99383, s99384,s99385,total_new, s99391,s99392,s99393,s99394,s99395

```

```
, total_est, coalesce(total_new,0) + coalesce(total_est,0) as grand_total from
(
Select all_locs.loc_name, staffname, raw_sums.s99381, raw_sums.s99382, raw_sums.s99383, raw_sums.s99384, raw_sums.s99385, pns.total_new,
raw_sums.s99391, raw_sums.s99392, raw_sums.s99393, raw_sums.s99394, raw_sums.s99395,
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_id
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(s99381) as t_99381, sum(s99382) as t_99382, sum(s99383) as t_99383, sum(s99384) as t_99384, sum(s99385) as t_99385,
sum(total_new) as t_new, sum(s99391) as t_99391, sum(s99392) as t_99392, sum(s99393) as t_99393, sum(s99394) as t_99394, sum(s99395) as t_99395, 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_id
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.

Copy

```
select loc_name, staffname, s99381, s99382, s99383, s99384,s99385,total_new, s99391,s99392,s99393,s99394,s99395
, total_est, coalesce(total_new,0) + coalesce(total_est,0) as grand_total from
(
Select all_locs.loc_name, staffname, raw_sums.s99381, raw_sums.s99382, raw_sums.s99383, raw_sums.s99384, raw_sums.s99385, pns.total_new,
raw_sums.s99391, raw_sums.s99392, raw_sums.s99393, raw_sums.s99394, raw_sums.s99395,
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, s99381, s99382, s99383, s99384, s99385, s99391, s99392,
s99393, s99394, s99395 from location
left outer join
(select distinct loc_id, rend_addr_id from archive_transactions where date1 between :start_date and :end_date and cptcode between '99381' and '99395') p on p.loc_id = location.id
left outer join
(select loc_id, rend_addr_id,count(cptcode) as s99381 from archive_transactions where cptcode = '99381' and archive_Flag = 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.rend_addr_id = p.rend_addr_id
left outer join
(select loc_id, rend_addr_id, count(cptcode) as s99382 from archive_transactions where cptcode = '99382' 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 s99383 from archive_transactions where cptcode = '99383' and archive_
```

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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 s99384 from archive_transactions where cptcode = '99384' 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 s99385 from archive_transactions where cptcode = '99385' 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 s99391 from archive_transactions where cptcode = '99391' 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 s99392 from archive_transactions where cptcode = '99392' 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 s99393 from archive_transactions where cptcode = '99393' 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 s99394 from archive_transactions where cptcode = '99394' 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 s99395 from archive_transactions where cptcode = '99395' 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 '99381' and '99385') 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 '99391' and '99395') 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(s99381) as t_99381, sum(s99382) as t_99382, sum(s99383) as t_99383, su
m(s99384) as t_99384, sum(s99385) as t_99385,
sum(total_new) as t_new, sum(s99391) as t_99391, sum(s99392) as t_99392, sum(s99393) as t_99393, sum(s99394) a
s t_99394, sum(s99395) as t_99395, 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, s99381, s99382, s99383, s99384, s99385, s99391, s99392, s99393, s9939
4, s99395 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 '99381' and '99395') p on p.loc_id = location.id
left outer join
(select loc_id, rend_addr_id, count(cptcode) as s99381 from archive_transactions where cptcode = '99381' 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 s99382 from archive_transactions where cptcode = '99382' and archive_

```

```

(select loc_id, rend_addr_id, count(cptcode) as s99382 from archive_transactions where cptcode = '99382' 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 s99383 from archive_transactions where cptcode = '99383' 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 s99384 from archive_transactions where cptcode = '99384' 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 s99385 from archive_transactions where cptcode = '99385' 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 s99391 from archive_transactions where cptcode = '99391' 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 s99392 from archive_transactions where cptcode = '99392' 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 s99393 from archive_transactions where cptcode = '99393' 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 s99394 from archive_transactions where cptcode = '99394' 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 s99395 from archive_transactions where cptcode = '99395' 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 '99381' and '99385') 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_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 '99391' and '99395') 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

```