

# SQL: ASQ Survey Count by Age 3 (Current 3 Year Olds)

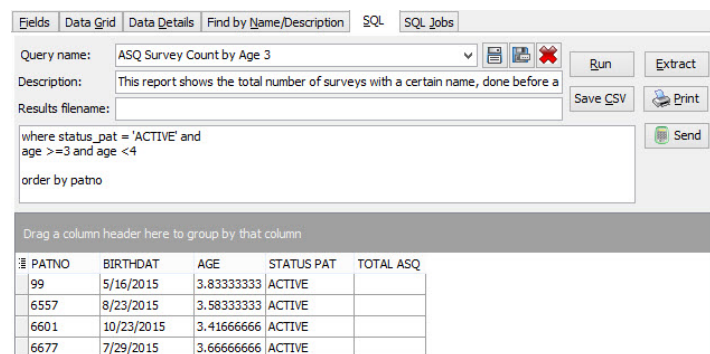
Last Modified on 01/06/2022 9:51 am EST

**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

This report shows the total number of surveys with a certain name, done before a certain age, for all active patients between a certain age range.

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 details:

- Query name:** ASQ Survey Count by Age 3
- Description:** This report shows the total number of surveys with a certain name, done before a
- Results filename:** (empty field)
- SQL Code:**

```
where status_pat = 'ACTIVE' and
age >=3 and age <4
order by patno
```
- Buttons:** Run, Extract, Save CSV, Print, Send
- Table Header:** Drag a column header here to group by that column
- Table Data:**

PATNO	BIRTHDAT	AGE	STATUS PAT	TOTAL ASQ
99	5/16/2015	3.83333333	ACTIVE	
6557	8/23/2015	3.58333333	ACTIVE	
6601	10/23/2015	3.41666666	ACTIVE	
6677	7/29/2015	3.66666666	ACTIVE	

## Caveats

In this example, active patients between ages 3 and 4 are checked to see how many ASQs they've had by the time they are 1095 days old ( $1095/365 = \text{third birthday}$ ).

- You can edit the age range by changing the line:
  - age >=3 and age <4*
- You can change the title(s) of the surveys by changing the line
  - where (title like '%ASQ%' or title like '%Ages and Stages%')*
- You can change the maximum age in days for the survey by changing the line
  - where (admin\_date-birthdat) <= 1095*

## SQL Code: Firebird

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

[Copy](#)

```
select * from
(
select register.patno, birthdat, datediff(month,
dateadd(day,-extract(day from birthdat)+1,birthdat),
dateadd(day,-extract (day from birthdat)+1,cast('today' as date))
)/12 as age, status_pat, total_asq from register

left outer join
(

select patno, count(title) as total_asq from
(
select register.patno, TITLE, admin_date, status_pat from register
left outer join (select register.patno, admin_date, questionhead_id from quest_result_header inner join register on register.patno = quest_result_header.patno where (admin_date-birthdat) <= 1095 ) qrh on qrh.patno = register.patno
left outer join (select questionhead_id, title from quest_Questionnaire_header ) qqh on qqh.questionhead_id = qrh.questionhead_id
)
)
where (title like '%ASQ%' or title like '%Ages and Stages%')
group by patno
) a on a.patno = register.patno
)
where status_pat = 'ACTIVE' and
age >=3 and age <4

order by patno
```

## SQL Code: MySQL

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

[Copy](#)

```
select * from
(
select register.patno, birthdat, floor(timestampdiff(year,birthdat,curdate())) as age, status_pat, total_asq from register
left outer join
(
select patno, count(title) as total_asq from
(
select register.patno, TITLE, admin_date, status_pat from register
left outer join (select register.patno, admin_date, questionhead_id from quest_result_header inner join register on register.patno = quest_result_header.patno where (admin_date-birthdat) <= 1095 ) qrh on qrh.patno = register.patno
left outer join (select questionhead_id, title from quest_Questionnaire_header ) qqh on qqh.questionhead_id = qrh.questionhead_id
) t1
where (title like '%ASQ%' or title like '%Ages and Stages%')
group by patno
) a on a.patno = register.patno
) t2
where status_pat = 'ACTIVE' and
age >=3 and age <4
order by patno
```