

# SQL: HEDIS-like W34

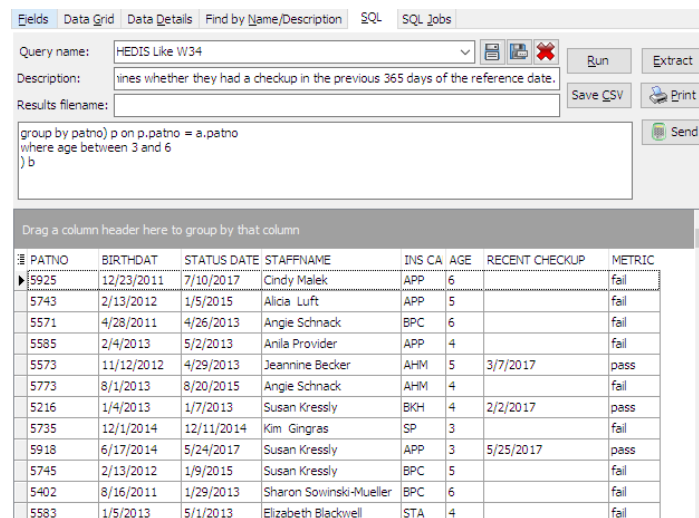
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**i** There are **two versions** of this SQL: Firebird and MySQL. The **MySQL version** only applies to clients who are **BETA testing MySQL**. All other Practices should continue to use the Firebird version of this code. Click to expand and copy the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

## About

This report is similar to HEDIS W34. It takes all currently-active patients who were 3-6 years old as of a reference date you specify, and determines whether they had a checkup in the previous 365 days of the reference date.

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



The screenshot shows a Database Viewer window with the following tabs: Fields, Data Grid, Data Details, Find by Name/Description, SQL, and SQL Jobs. The SQL tab is active, displaying the query name "HEDIS Like W34" and its description: "lines whether they had a checkup in the previous 365 days of the reference date." The SQL code is as follows:

```
group by patno) p on p.patno = a.patno
where age between 3 and 6
) b
```

Below the SQL code, there is a table with the following columns: PATNO, BIRTHDAT, STATUS DATE, STAFFNAME, INS CA, AGE, RECENT CHECKUP, and METRIC. The table contains 15 rows of data.

PATNO	BIRTHDAT	STATUS DATE	STAFFNAME	INS CA	AGE	RECENT CHECKUP	METRIC
5925	12/23/2011	7/10/2017	Cindy Malek	APP	6		fail
5743	2/13/2012	1/5/2015	Alicia Luft	APP	5		fail
5571	4/28/2011	4/26/2013	Angie Schnack	BPC	6		fail
5585	2/4/2013	5/2/2013	Anila Provider	APP	4		fail
5573	11/12/2012	4/29/2013	Jeannine Becker	AHM	5	3/7/2017	pass
5773	8/1/2013	8/20/2015	Angie Schnack	AHM	4		fail
5216	1/4/2013	1/7/2013	Susan Kressly	BKH	4	2/2/2017	pass
5735	12/1/2014	12/11/2014	Kim Gingras	SP	3		fail
5918	6/17/2014	5/24/2017	Susan Kressly	APP	3	5/25/2017	pass
5745	2/13/2012	1/9/2015	Susan Kressly	BPC	5		fail
5402	8/16/2011	1/29/2013	Sharon Sowinski-Mueller	BPC	6		fail
5583	1/5/2013	5/1/2013	Elizabeth Blackwell	STA	4		fail

## Caveats

- The report looks for patients who are CURRENTLY active (who may or may not have been active on the reference date).
- "Recent checkup" only shows if the checkup has been done in the previous 365 days from the reference date. For example, a patient who had a checkup done 400 days before the reference date will show a blank. It will not the most recent reference date.
- Status date shows when patients' status was last changed with your practice. This allows you to exclude patients who have, for example, only been active one month with your practice.
- By changing the age limits to read "Between 11 and 21," you can make this into a AWC (Adolescent Well Checkup) HEDIS measure.

## SQL Code: Firebird

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

Copy

```
select b.*, case when recent_checkup is not null then 'pass' else 'fail' end as metric from
(
select a.*, recent_checkup from
(
select patno, birthdat, status_date, staffname, ins_carrier_code, floor(datediff(month, dateadd(day,-extract(day from birt
hdat)+1,birthdat), dateadd(day,-extract (day from birthdat)+1,cast(:ref_date as date)))/12) as age from register
inner join staff1 on staff1.staffid=register.addr_id
where status_pat = 'ACTIVE'
) a
left outer join
(select max(date1) as recent_checkup, patno from physical where date1 between :ref_date - 365 and :ref_date group by
patno) p on p.patno = a.patno
where age between 3 and 6
) b
```

## SQL Code: MySQL

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

Copy

```
select b.*, case when recent_checkup is not null then 'pass' else 'fail' end as metric from
(
select a.*, recent_checkup from
(
select patno, birthdat, status_date, staffname, ins_carrier_code, floor(timestampdiff(month,birthdat,cast(:ref_date as dat
e))) as age from register
inner join staff1 on staff1.staffid=register.addr_id
where status_pat = 'ACTIVE'
) a
left outer join
(select max(date1) as recent_checkup, patno from physical where date1 between :ref_date - 365 and :ref_date group by
patno) p on p.patno = a.patno
where age between 3 and 6
) b
```