

# SQL: Merck Program HPV Completion Ages 19-26

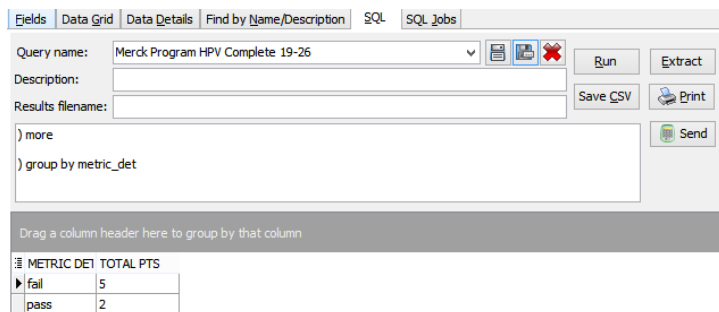
Last Modified on 01/06/2022 10:22 am EST

**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 fulfills the Merck program requirement for “Number of active patients ages 19-26 seen in the past 24 months who have received three total doses of HPV (“pass”) or not (“fail”).

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



Query name: Merck Program HPV Complete 19-26

Description:

Results filename:

Run Extract

Save CSV Print

Send

) more  
) group by metric\_det

Drag a column header here to group by that column

METRIC DET	TOTAL PTS
fail	5
pass	2

## Caveats

This report is built according to the Merck specifications for the Health in Focus program and should not be used for other purposes such as recall.

## SQL Code: Firebird

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

Copy

```
select metric_det, count(patno) as total_pts from
(
select more.*,case when totalhvpv = 3 then 'pass' else 'fail' end as metric_det
from
(
select v.patno, v.birthdat, v.age, v.recent_visit, v.totalhvpv from
(
select register.patno, register.birthdat, recent_visit, dateadd(month,156,register.birthdat) as bday13, vtotal.totalhvpv,
floor(datediff(month, dateadd(day,-extract(day from birthdat)+1,birthdat), dateadd(day,-extract (day from birthdat)+1,c
ast(:ref_date as date)))/12) as age from register

left outer join
(select count(cvxcode) as totalhvpv, patno from vaccine1 where cvxcode in ('62','118','165') and vacdate<= :ref_date gro
up by patno) vtotal
on (vtotal.patno = register.patno)

left outer join
(select patno, max(date1) as recent_visit from
(select patno, date1 from enc_note union all select patno, date1 from physical )

group by patno) visits on (visits.patno = register.patno)
where floor(datediff(month, dateadd(day,-extract(day from birthdat)+1,birthdat), dateadd(day,-extract (day from birthda
t)+1,cast(:ref_date as date)))/12) in ( '19','20','21','22','23','24','25','26') and register.status_pat = 'ACTIVE' and
datediff(month, dateadd(day,-extract(day from recent_visit)+1,recent_visit), dateadd(day,-extract (day from recent_visit)
+1,cast(:ref_date as date))) <=24
) v

) more

) group by metric_det
```

## SQL Code: MySQL

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

Copy

```
select metric_det, count(patno) as total_pts from
(
select more.*,case when totalhpv = 3 then 'pass' else 'fail' end as metric_det
from
(
select v.patno, v.birthdat, v.age, v.recent_visit, v.totalhpv from
( select register.patno, register.birthdat, recent_visit, date_add(register.birthdat, interval 156 month) as bday13,
vtotal.totalhpv,
timestampdiff(year,birthdat,cast(:ref_date as date)) as age from register
left outer join
(select count(cvxcode) as totalhpv, patno from vaccine1 where cvxcode in ('62','118','165') and vacdate<= :ref_date gro
up by patno) vtotal
on (vtotal.patno = register.patno)

left outer join
(select patno, max(date1) as recent_visit from
(select patno, date1 from enc_note union all select patno, date1 from physical ) p

group by patno) visits on (visits.patno = register.patno)
where timestampdiff(year,birthdat,cast(:ref_date as date))
in ( '19','20','21','22','23','24','25','26')
and register.status_pat = 'ACTIVE'
and
date_add(recent_visit, interval 24 month) >= cast(:ref_date as date)
) v
) more
) t1 group by metric_det
```