

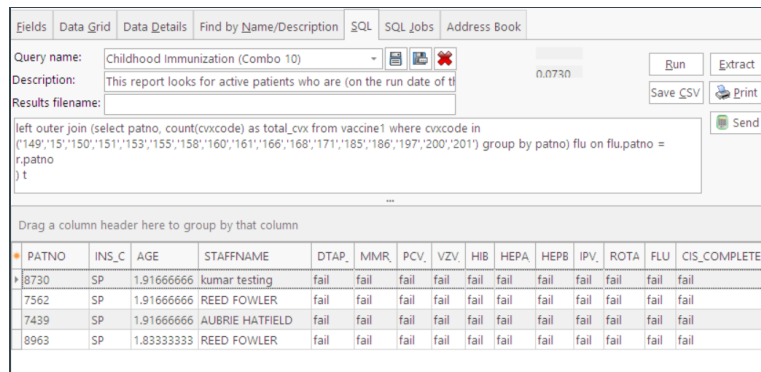
SQL: Childhood Immunization (Combo 10)

Last Modified on 03/11/2022 3:23 pm EST

About

This report looks for active patients who are (on the run date of the report) between the ages of 1.8 years (that is 21.6 months) and not yet 2 years and looks to see whether they pass or fail.

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



PATNO	INS_C	AGE	STAFFNAME	DTAP	MMR	PCV	VZV	HIB	HEPA	HEPB	IPV	ROTA	FLU	CIS_COMPLETE
8730	SP	1.91666666	kumar testing	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail
7562	SP	1.91666666	REED FOWLER	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail
7439	SP	1.91666666	AUBRIE HATHFIELD	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail
8963	SP	1.83333333	REED FOWLER	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail	fail

Caveats

- The Provider shown is the PCP according to the patient's Basic Information.
- It looks at all vaccines, both historical and administered by the Practice.
- Even if a vaccine refusal is documented in OP, it does not change the calculations as per HEDIS specifications.
- It also lists children who are, as of TODAY, between 1.8 years old (that is, 21.6 months) but not yet 2 years old. If you want to look at a different cohort based on how old they are now, you can change the 1.8 and 2.

Code

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

Copy

```

select t.patno, t.ins_carrier_code, t.age, t.staffname,
case when t.dtap >=4 then 'pass' else 'fail' end as dtap_det, case when t.mmr >=1 then 'pass' else 'fail' end as mmr_det,
case when t.pcv >=4 then 'pass' else 'fail' end as pcv_det,
case when t.vzv>=1 then 'pass' else 'fail' end as vzv_det,
case when t.hib >=3 then 'pass' else 'fail' end as hib_det,
case when t.hepA >=1 then 'pass' else 'fail' end as hepA_det,
case when t.hepB >=3 then 'pass' else 'fail' end as hepB_det,case when t.ipv >=3 then 'pass' else 'fail' end as ipv_det,
case when t.rotatotal >=2 then 'pass' else 'fail' end as rota_det,
case when t.flu >=2 then 'pass' else 'fail' end as flu_det,
case when (t.dtap>=4 and t.mmr >=1 and t.vzv>=1 and t.pcv>=4 and t.hib >=3 and t.ipv >=3 and t.hepB >=3 and t.
rotatotal>=2 and t.flu>=2 and t.hepA>=1) then 'pass' else 'fail' end as CIS_complete
from
(
select r.patno, r.birthdat, r.ins_carrier_code, r.age, r.staffname, mmr.total_cvx as mmr, vzv.total_cvx as vzv, rotatotal.tot
al_cvx as rotatotal, pcv.total_cvx as pcv, hepa.total_cvx as hepa, hepB.total_cvx as hepB, ipv.total_cvx as ipv, hib.total_c
vx as hib, dtap.total_cvx as dtap, flu.total_cvx as flu from
(
select patno, birthdat, staffname, ins_carrier_code, datediff(month,birthdat,cast('today' as date))/12 as age from register
inner join staff1 on staff1.staffid=register.addr_id
where status_pat = 'ACTIVE' and datediff(month,birthdat,cast('today' as date))/12 > 1.8 and datediff(month,birthdat,ca
st('today' as date))/12 <2
) r
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('03','94') group by patno ) mm
r on mmr.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('21','94') group by patno) vzv o
n vzv.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('119','116') group by patno) ro
tatotal on rotatotal.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('20','50','106','120','110') group
by patno) dtap on dtap.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('133') group by patno) pcv on
pcv.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('50','46','47','48','49','51','120')
group by patno) hib on hib.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('83') group by patno) hepA on
hepa.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('110','51','08','44') group by pat
no) hepB on hepB.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('110','120','10') group by patno
) ipv on ipv.patno = r.patno
left outer join (select patno, count(cvxcode) as total_cvx from vaccine1 where cvxcode in ('149','15','150','151','153','155','
158','160','161','166','168','171','185','186','197','200','201') group by patno) flu on flu.patno = r.patno
) t
order by ins_carrier_code

```