Subject: Re: Confusion about Pentavalent vaccine in BDHS2014
Posted by Bridgette-DHS on Mon, 01 Jul 2019 15:34:18 GMT
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Following is a response from DHS Senior Analysis & Research Manager, Shireen Assaf:

The code below will give you a match with table 10.3 for the pentavalent vaccine.


```
gen age = v008 - b3
gen agegroup=0
replace agegroup=1 if age>=12 & age<=23
*selecting children
keep if agegroup==1
keep if b5==1
```


```
*** Pentavalent ***
//DPT 1, 2, 3 either source
recode h3 (0 8=0) (else=1), gen(dpt1)
recode h5 (0 8=0) (else=1), gen(dpt2)
recode h7 (0 8=0) (else=1), gen(dpt3)
gen dptsum= dpt1+dpt2+dpt3

* this step is performed for multi-dose vaccines to take care of any gaps in the vaccination history.
See DHS guide to statistics for further explanation.
gen ch_pent1_either=dptsum>=1
gen ch_pent2_either=dptsum>=2
gen ch_pent3_either=dptsum>=3
label var ch_pent1_either "Pentavalent 1st dose vaccination according to either source"
label var ch_pent2_either "Pentavalent 2nd dose vaccination according to either source"
label var ch_pent3_either "Pentavalent 3rd dose vaccination according to either source"

tab1 ch_pent1_either ch_pent2_either ch_pent3_either [iw=v005/1000000]
```