

Hello Shireen,

Thank you for your response.

I have tried running the codes from your github page, but I got a much higher rate than what is on the NDHS report.

See the code I ran below

```
/**DHS user forum codes**/
```

```
*** BCG ***
```

```
//BCG either source
```

```
recode h2 (0 8=0) (else=1), gen(ch_bcg_either)
```

```
tab ch_bcg_either [iw=wt]
```

```
label var ch_bcg_either "BCG vaccination according to either source"
```

```
*** Pentavalent ***
```

```
//DPT 1, 2, 3 either source
```

```
recode h3 (0 8=0) (else=1), gen(dpt_1)
```

```
recode h5 (0 8=0) (else=1), gen(dpt_2)
```

```
recode h7 (0 8=0) (else=1), gen(dpt_3)
```

```
gen dptsum= dpt_1+dpt_2+dpt_3
```

```
tab dptsum
```

\* 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_dpt1_either=dptsum>=1
```

```
label var ch_dpt1_either "Pentavalent 1st dose vaccination according to either source"
```

```
gen ch_dpt2_either=dptsum>=2
```

```
label var ch_dpt2_either "Pentavalent 2nd dose vaccination according to either source"
```

```
gen ch_dpt3_either=dptsum>=3
```

```
label var ch_dpt3_either "Pentavalent 3rd dose vaccination according to either source"
```

```
drop dpt_1 dpt_2 dpt_3 dptsum
```

```
*** Polio ***
```

```
//polio 0, 1, 2, 3 either source
```

```
recode h0 (0 8=0) (else=1), gen(ch_polio0_either)
label var ch_polio0_either "Polio at birth vaccination according to either source"
```

```
recode h4 (0 8=0) (else=1), gen(polio_1)
recode h6 (0 8=0) (else=1), gen(polio_2)
recode h8 (0 8=0) (else=1), gen(polio_3)
gen poliosum=polio_1 + polio_2 + polio_3
```

```
tab poliosum
```

\* 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_polio1_either=poliosum>=1
label var ch_polio1_either "Polio 1st dose vaccination according to either source"
```

```
gen ch_polio2_either=poliosum>=2
label var ch_polio2_either "Polio 2nd dose vaccination according to either source"
```

```
gen ch_polio3_either=poliosum>=3
label var ch_polio3_either "Polio 3rd dose vaccination according to either source"
```

```
drop poliosum polio_1 polio_2 polio_3
```

\*\*\* Measles \*\*\*

```
//measles either source
```

```
recode h9 (0 8=0) (else=1), gen(ch_meas_either)
label var ch_meas_either "Measles vaccination according to either source"
```

\*\*\* All vaccinations \*\*\*

```
gen ch_allvac_either=ch_bcg_either==1&ch_dpt3_either==1&
ch_polio3_either==1&ch_meas_either==1
label var ch_allvac_either "All basic vaccinations according to either source"
tab ch_allvac_either [iw=wt]
```

\*\*\*2008 NDHS report gives 22.7% while the output here is 27.7%\*\*\*

Please what could be wrong?

Thank you.