
Subject: Re: Dominican Republic 2007 child immunization
Posted by [Trevor-DHS](#) on Tue, 27 Oct 2015 23:41:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

Try the following code:

```
use "drkr52fl.dta", clear
```

```
generate wgt = v005/1000000
```

```
gen bcg = inrange(h2,1,3)
gen polio0 = inrange(h0,1,3)
gen dpt = inrange(h3,1,3)+inrange(h5,1,3)+inrange(h7,1,3)
gen polio = inrange(h4,1,3)+inrange(h6,1,3)+inrange(h8,1,3)
gen pv = inrange(pv1,1,3)+inrange(pv2,1,3)+inrange(pv3,1,3)
gen ms = inrange(h9,1,3)
forvalues x = 1/3 {
    gen polio`x' = (polio>=`x')
    gen dpt`x' = (dpt>=`x')
    gen penta`x' = (pv>=`x')
}
```

```
gen vac = (bcg==1 & polio==3 & dpt==3 & ms==1)
label var vac "Received all vaccinations"
label define vac 1 "Yes" 0 "No", replace
label values vac vac
```

```
gen novac = (bcg==0 & polio==0 & dpt==0 & ms==0)
label var novac "Received no vaccinations"
label values novac vac
```

```
gen age = v008-b3
```

```
svyset v021 [pw=wgt], strata(v024)
svy:mean bcg dpt1 dpt2 dpt3 penta1 penta2 penta3 polio0 polio1 polio2 polio3 ms vac novac if b5
== 1 & inrange(age,18,29)
```

In this code, there are a few things to note:

- 1) If you tabulate DPT and pentavalent you will see that all cases with pentavalent also have DPT, so you can ignore the pentavalent. Similarly all cases that are recorded on the SRT variable also have the measles vaccination, so you can ignore the SRT variable.
 - 2) We do not tabulate vaccines according to the individual vaccines, but according to the count of vaccines for DPT 1-3 and Polio 1-3
 - 3) When I checked the report results, the results shown in the report for Sarampion/Tripe viral and for "Todas las vacunas" do not match the results in the final tabulations in our records. Instead we show Sarampion/Tripe = 78.8% and Todas las vacunas = 57.9. When I run the code above, I match these latter results.
-