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Subject: Slight difference in the Senegal Stunting, Wasting, Underweight prevalence

Posted by [tundexZ](#) on Tue, 03 May 2022 13:27:10 GMT

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Hi All,

I have tried to replicate the Senegal DHS Stunting, Wasting and Underweight results since (1986-2019) but it seem I keep getting slight different figures for some years. Is this results fine to work with? because I have gone through again all the merging process of all the datafile of the years together and yet I am still getting the same results or is there something I might have ommited?

Stunting (\*\* indicates the results I got)

2019 DHS 17.9(17.7)\*\* 2018 DHS 18.8(18.7)\*\* , 2017 DHS 16.5 (16.5), 2016 DHS 17 (16.5)\*\* , 2015 DHS 20.5 (20.4)\*\* , 2014 DHS 18.7(18.7) 2012-13 DHS 18.7(18.4)\*\* , 2010-11 DHS 26.5 (26.6)\*\* , 2005 DHS 19.6 (19.3)\*\* , 1992-93 (29.49) 1986 (28.21)

Wasting

2019 DHS 8.1 (8.1), 2018 DHS 7.8 (7.9)\*\* , 2017 DHS 9(9.0), 2016 DHS 7.2(7.3)\*\* , 2015 DHS 7.8(7.9)\*\* , 2014 DHS 5.9(5.9), 2012-13 DHS 8.8 (8.7)\*\* 2010-11 DHS 10.1(10.0)\*\* 2005 DHS 8.5 (8.5)\*\* 1992-93 (9.34), 1986 (5.13)

Underweight

2019 DHS 14.4 (14.1), 2018 DHS 15.1(15.1), 2017 DHS 14.4 (14.6)\*\* , 2016 DHS 13.5 (13.5), 2015 DHS 15.5 (15.6)\*\* , 2014 DHS 12.6(12.5)\*\* , 2012-13 DHS 15.7 (15.7), 2010-11 DHS 17.7 (17.5)\*\* , 2005 DHS 14.2 (13.7)\*\* , 1992-93 (18.03), 1986 (16.99)

This are my codes for the analyis after merging all the dataset together

```
keep if hv103 ==1 & hc1 <=59
gen swt=hv005/1000000
gen haz=hc70/100
gen waz=hc71/100
gen whz=hc72/100
replace haz=. if haz>6
replace waz=. if waz>6
replace whz=. if whz>6
gen stunting=1 if haz<-2
replace stunting=0 if haz>=-2
replace stunting=. if haz==.
label define stunting 0"non stunted" 1"stunted",replace
label value stunting stunting
gen wasting=1 if whz<-2
replace wasting=0 if whz>=-2
replace wasting=. if whz==.
```

```
label define wasting 0"non wasted" 1"wasted",replace
label value wasting wasting
gen underweight=1 if waz<-2
replace underweight=0 if waz>=-2
replace underweight=. if waz==.
label define underweight 0"non underweight" 1"underweight",replace
label value underweight underweight
tab stunting if year==** [iweight= swt]
tab wasting if year==** [iweight= swt]
tab underweight if year==** [iweight= swt]
```

I have gone through again all the merging process of all the datafiles of the years together and yet I am still getting the same results or is there something I might have ommited?

Thank you in anticipation for your response

Regards,  
Babs

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