Subject: Re: prevalence of anemia and associated factors
Posted by Mlue on Thu, 21 Nov 2019 10:28:15 GMT
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Hello zelalem,

Try this one (use the PR file [ETPR70FL]):

```
clear all
set matsize 800
set maxvar 10000
set mem 1g
cd "C:\UsersUser88\Desktop\ETHIOPIA DHS 2016\ETPR70DT"
use "ETPR70FL", clear
set more off

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```

```
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**

keep if hc1 >= 6 & hc1 <= 59 & hv103==1

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**
keep if anaemiac !=.

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**

** CHECK **
svy: tab any_anaemia, count format(%9.0f)
svy: tab anaemiac, count format(%9.0f)

svy: tab hv270 any_anaemia, percent format(%9.1f) row
svy: tab hv025 any_anaemia, percent format(%9.1f) row
svy: tab hv024 any_anaemia, percent format(%9.1f) row

svy: tab hv270 anaemiac, percent format(%9.1f) row
svy: tab hv025 anaemiac, percent format(%9.1f) row
svy: tab hv024 anaemiac, percent format(%9.1f) row

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**

/*
svy: tab hv270 anaemiac, count format(%9.0f)
svy: tab hv025 anaemiac, count format(%9.0f)
svy: tab hv024 anaemiac, count format(%9.0f)
*/

**
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**

ssc install hplot, replace //needs internet connection
ssc install catplot, replace //needs internet connection

catplot anaemiac [aw=weight], by(hv270, compact note("") col(1)) ///
	bar(1, blcolor(gs8) bfcolor(brown*.4)) blabel(bar, format(%9.1f) ///
	pos(base)) percent(hv270) subtitle(, pos(9) ring(1) bcolor(none) nobexpand place(e)) ///
```

```
    ytitle(Prevalence of anaemia in children) var1opts(gap(*0.1) axis(noline)) ///
    var2opts(gap(*.2)) ysize(5) yla(none) ysc(noline) ///
    plotregion(lcolor(none))

*graph export "Prevalence of anaemia in children by HH wealth.emf", replace
graph export "Prevalence of anaemia in children by HH wealth.pdf", replace

****************

catplot anaemiac hv270 [aw=weight], percent(hv270) stack asyvars ///
  bar(1, bcolor(ltblue)) bar(2, bcolor(pink*.2)) bar(3, bcolor(brown*.4)) ///
  bar(4, bcolor(bluishgray)) bar(5, bcolor(gs10)) bar(6, bcolor(red*.4)) ///
  bar(7, bcolor(sand)) blabel(bar, format(%9.1f) pos(center)) ///
  blabel(bar, format(%9.1f) pos(center) size(tiny)orientation(vertical) color(black)) ///
  ytitle(%) title(Prevalence of anaemia in children by HH wealth) subtitle(Ethiopia DHS 2016)

graph export "Prevalence of anaemia in children by HH wealth2.pdf", replace

catplot any_anaemia hv270 [aw=weight], percent(hv270) stack asyvars ///
  bar(1, bcolor(gold)) bar(2, bcolor(ltblue)) bar(3, bcolor(gs0)) ///
  blabel(bar, format(%9.1f) pos(center)) bar(4, bcolor(g)) ytitle(%) ///
  title(Prevalence of any anaemia in children) subtitle(Ethiopia DHS 2016)

graph export "Prevalence of any anaemia in children by HH wealth.pdf", replace

catplot any_anaemia hv024 [aw=weight], percent(hv024) stack asyvars ///
  bar(1, bcolor(gold)) bar(2, bcolor(ltblue)) bar(3, bcolor(gs0)) ///
  blabel(bar, format(%9.1f) pos(center)) bar(4, bcolor(g)) ytitle(%) ///
  title(Prevalence of any anaemia in children) subtitle(Ethiopia DHS 2016)

graph export "Prevalence of any anaemia in children by region.pdf", replace

exit
```

File Attachments

1) ANAEMIA PREVALENCE AMONG CHILDREN _ ETHIOPIA DHS 2016 _ Stata.txt, downloaded 460 times