
Subject: nutritional status

Posted by [radhs](#) on Mon, 19 Nov 2018 16:25:29 GMT

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HI!!

I am trying to relate the nutritional status haz whz waz mean z score by age in months in kr file. Can you please improvise my code, It would be really helpful.

```
gen weight = v005/1000000
```

```
gen psu =v021
```

```
gen strata = v022
```

```
svyset psu [pw = weight], strata(strata) vce(linearized)
```

```
recode hw1 (0/5 = 1 "<6") (6/8 = 2 "6-8") (9/11 = 3 "9-11") (12/17 = 4 "12-17") (18/23 = 5 "18-23") (24/35 = 6 "24/35") (36/47 = 7 "36-47") (48/59 = 8 "48-59"), gen(child_age)
```

```
gen whz=hw72
```

```
replace whz=. if whz>=9996
```

```
histogram whz
```

```
gen wasted=.
```

```
replace wasted=0 if whz ~.=.
```

```
replace wasted=1 if whz <-200
```

```
gen waz=hw71
```

```
replace waz=. if waz>=9996
```

```
histogram waz
```

```
gen under=.
```

```
replace under=0 if waz ~.=.
```

```
replace under=1 if waz <-200
```

```
gen HAZ=hw70
```

```
replace HAZ=. if HAZ>=9996
```

```
histogram HAZ
```

```
gen stunted=.
```

```
replace stunted=0 if HAZ ~.=.
```

```
replace stunted=1 if HAZ <-200
```

```
tab child_age stunted [iw=v005/1000000],miss
```

```
qui regr stunted under wasted if stunted !=. & under !=. & wasted !=. [pw=v005/1000000]
```

```
drop if e(sample)!=1
```

```
tab child_age stunted [iw=v005/1000000],miss
```

```
<6 | 14,098.17 3,500.687 | 17,598.86
```

```
6-8 | 9,147.855 2,325.8678 | 11,473.72
```

```
9-11 | 7,896.852 2,771.066 | 10,667.92
```

```
12-17 | 13,420.65 8,316.5437 | 21,737.2
```

```
18-23 | 11,639.71 10,335.97 | 21,975.68
```

```
24/35 | 24,758.8 18,443.34 | 43,202.14
```

```
36-47 |25,827.762 19,671.92 | 45,499.69
```

```
48-59 | 26,023.61 17,310.86 | 43,334.46
```

```
-----+-----+-----
```

```
Total | 132,813.4 82,676.25 | 215,489.7
```

```
IT should be equal to 219796.
```

17644 for <6.
svy:mean HAZ if child_age==1