
Subject: Re: District-level sex ratio and district-level age distribution

Posted by [Bridgette-DHS](#) on Sun, 23 Jan 2022 21:07:02 GMT

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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

This would be done with the PR file. The following lines use the "collapse" command to give you the sex distribution and the age distribution (in 5-year intervals). There is also a file that gives the age-sex distribution. You need to specify whether you want the de facto or de jure population. Even the collapsed files are large!

* You need to specify a workspace

```
cd e:\DHS\DHS_data\scratch
```

```
use hv005 hv102-hv105 shdistri using "C:\Users\26216\ICF\Analysis - Shared  
Resources\Data\DHSdata\IAPR74FL.DTA" , clear
```

```
gen wt=hv005/1000000
```

* If you want the de jure population

```
keep if hv102==1
```

* If, instead, you want the de facto population

```
* keep if hv103==1
```

* drop if age (hv105) is missing (.02 of 1% of cases). hv105 is 95 for age 95+

```
drop if hv105>95
```

* age5 gives standard age intervals for age 0-4, 5-9, etc

```
gen age5=1+ int(hv105/5)
```

```
collapse (sum) wt, by(hv104 age5 shdistri)
```

```
save IAtemp_age_sex_district.dta, replace
```

```
use IAtemp_age_sex_district.dta, clear
```

```
collapse (sum) wt, by(sex district)
```

* this file gives the weighted numbers of males and females in each district in the NFHS-4

```
save IAtemp_sex_district.dta, replace
```

```
use IAtemp_age_sex_district.dta, clear
```

```
collapse (sum) wt, by(age district)
```

* this file gives the weighted numbers of males and females in each five-year age group in the NFHS-4

```
save IAtemp_age_district.dta, replace
```
