
Subject: DHS 2022

Posted by [acseng](#) on Tue, 14 Jan 2025 13:19:00 GMT

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I would be grateful if someone could advise me on how to get an estimate for the question described below (it is just a fictitious example):

Country: Tanzania

DHS 2022

Region: Dar es Salaam

Clusters: 141+ 142

Desired estimates: (1) Total number and (2) the proportion of children under 5 years old, in the clusters 141 and 142, over the total population of Dar es Salaam.

I know that in Dar es Salaam this proportion is around 11.6 (<https://sensa.nbs.go.tz/publication/report7.pdf>), but I need to know an estimate for particular clusters in relation to the respective region. In the GPS file TZGC81FL.csv, I found the cells (1) UN_Population_Count_2020, (2) U5_Population_2020, (3) All_Population_Count_2020, for each cluster, but I noticed that the cells (1) and (3) seem to have very different numbers.

Subject: Re: DHS 2022

Posted by [Janet-DHS](#) on Wed, 15 Jan 2025 13:55:48 GMT

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Following is a response from DHS staff member, Tom Pullum:

The Stata lines below illustrate how to get the kinds of numbers I think you are looking for. I am using the PR file for the 2022 survey.

use "...TZPR82FL.DTA" , clear

* hv024 is region
describe hv024

* the label for hv024 is HV024; list it
label list HV024

* which clusters are in hv024=7
tab hv001 if hv024==7

* Look at children in clusters 141 and 142

```
gen agelt5=0
replace agelt5=1 if hv105<5
label define agelt5 0 "Age 5+" 1 "Age0-4"
label values agelt5 agelt5
```

* Unweighted

```
tab agelt5 if hv024==7
tab agelt5 if hv001==141 | hv001==142
```

* Weighted

```
tab agelt5 if hv024==7 [iweight=hv005/1000000]
tab agelt5 if hv001==141 | hv001==142 [iweight=hv005/1000000]
```

Subject: Re: DHS 2022
Posted by [acseng](#) on Tue, 21 Jan 2025 08:49:56 GMT
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This is very helpful. Thank you very much for your answer.

Subject: Re: DHS 2022
Posted by [acseng](#) on Tue, 21 Jan 2025 08:50:43 GMT
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Thank you so much for your reply. This is very helpful.
