
Subject: Under-five mortality rate estimation
Posted by [Jayanta](#) on Fri, 22 Sep 2017 12:06:49 GMT
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Dear DHS team,

I have seen many discussion about the Under-five mortality estimation in this forum but not sure which will be working fine to relate with the National report.

I would like to use India DHS stata data to estimate NNMR=Neonatal mortality rate,PNMR=Post-neonatal mortality rate,IMR=Infant mortality rate,CMR=Child mortality rate,U5MR=Under five mortality rate and using BR file.

I'm using this code in Stata and can anyone help me what I am missing here?

I've seen the reference from <http://siteresources.worldbank.org/INTPAH/Resources/Publications/459843-1195594469249/HealthEquityCh3.pdf> and <http://legacy.measuredhs.com/help/datasets/>

```
gen hypage1=(v008-b3)
gen survivlength=.
replace survivlength=hypage1
replace survivlength=b7 if b5==0
gen dead=(b5==0)
```

```
ltable survivlength dead [fw=v005] if hypage1 <60 , int(0,1,3,6,12,24,36,48,60) failure
```

It would be appreciated if you can help me in this regards.

Thanks
Jayanta

Subject: Re: Under-five mortality rate estimation
Posted by [Jayanta](#) on Mon, 25 Sep 2017 09:05:58 GMT
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Any update will be highly appreciated on my post

Thanks
Jayanta

Subject: Re: Under-five mortality rate estimation

Posted by [Jayanta](#) on Tue, 26 Sep 2017 07:03:22 GMT

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Jayanta wrote on Mon, 25 September 2017 05:05Any update will be highly appreciated on my post

Thanks
Jayanta

Not sure how much time will take in this forum to get my answer. Is there anybody looking my request?

Subject: Re: Under-five mortality rate estimation
Posted by [Jayanta](#) on Sat, 30 Sep 2017 10:30:31 GMT

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Dear DHS Programer,

Are this forum is monitor by someone or just ignore the query? I am a new user in this forum and expected to get my query back from the program person. But I don't understand whether any timeline is there to get back the respose or this forum will not give any response to shortcut my query.

Thanks for creating this forum.....

Subject: Re: Under-five mortality rate estimation
Posted by [Reduced-For\(u\)m](#) on Sat, 30 Sep 2017 19:57:35 GMT

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This post might help...

https://userforum.dhsprogram.com/index.php?t=msg&th=5071 &goto=9708&#msg_9708

I think the problems laid out in that thread might help you get there. In particular "Please see the Guide to DHS Statistics, pages 90-94, and pay particular attention to the Calculation section. We use a synthetic cohort life table approach as described in point 3 on page 91, and we estimate mortality for a five year period preceding the survey (see the diagram on page 93)..."

If that doesn't fully get you there, it might at least get you closer and then you could ask narrower questions that might be easier to answer. I'm not a mortality expert, and the calculations are a little tricky, but the Guide to Statistics and that previous thread are probably the best places to start.

Subject: Re: Under-five mortality rate estimation
Posted by [dgodha](#) on Tue, 21 Nov 2017 14:11:50 GMT
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Hello Jayanta,

Not sure if you have found your answer but here is a User-written Stata command that gets you all the child mortality rates easily:
syncmrates v008 b3 b7 [iw=v005]
You will have to install the ado file
findit syncmrates

Best
Deepali

Subject: Re: Under-five mortality rate estimation
Posted by [Jayanta](#) on Tue, 21 Nov 2017 14:30:01 GMT
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Thanks for your reply. I have explore the same and got my answer alreday.

Subject: Re: Under-five mortality rate estimation
Posted by [fmwansa](#) on Wed, 20 Dec 2017 08:03:51 GMT
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Hi all, i`m trying to estimate under five mortality for Zambia using the stata package "SYNCMRATES" but i seem not to get what is the official 2013/4 ZDHS report. Is there something i`m missing? Any alternative way of calculating mortality especially by sub population will help.

Subject: Re: Under-five mortality rate estimation
Posted by [fmwansa](#) on Thu, 21 Dec 2017 17:03:28 GMT
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Hi,
Using the stata package syncmrates, does anyone knows how to use the option if? I want to get the rates by geographical and socio-economic grouping but all the options are refusing. Please help!!

Subject: Re: Under-five mortality rate estimation
Posted by [dgodha](#) on Wed, 10 Jan 2018 06:07:04 GMT
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Try this

```
forvalues x=0/3{  
  syncrates v008 b3 b7 if v106==`x' [iw=v005], cluster(v021)  
}
```

Hope this helps

Subject: Re: Under-five mortality rate estimation
Posted by [Casey](#) on Tue, 16 Jan 2018 17:04:33 GMT
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I also made an R Package available to compute Childhood Mortality Rates: childhoodmortality [<https://cran.r-project.org/web/packages/childhoodmortality/index.html>.]

fmwansa: This packages optionally calculates childhood mortality rates for any population subgroup that the user specifies. Hope this is helpful!

Subject: Re: Under-five mortality rate estimation
Posted by [fmwansa](#) on Wed, 17 Jan 2018 08:44:00 GMT
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Thank you for your help. Will try to estimate in R

Subject: Re: Under-five mortality rate estimation
Posted by [Jayanta](#) on Wed, 17 Jan 2018 08:51:21 GMT
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Thank you for your post. I have tried to open the URL but it's not working. Can you please check it.

Thanks,
Jayanta

Subject: Re: Under-five mortality rate estimation

Posted by [Casey](#) on Wed, 17 Jan 2018 14:30:29 GMT

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strange, link seems to work for me. try this:

<https://cran.r-project.org/web/packages/childhoodmortality/index.html>

Subject: Re: Under-five mortality rate estimation

Posted by [Jayanta](#) on Wed, 17 Jan 2018 15:57:35 GMT

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Thanks its working now. Because of one dot it was not working in earlier URL.

Many thanks
Jayanta

Subject: Re: Under-five mortality rate estimation

Posted by [krishn28_ssh](#) on Wed, 20 Jun 2018 06:26:47 GMT

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Hii Deepali,

I want to calculate U5 mortality in sub group - SC/ST/OBC/None of the above/ don't know excluding Muslim religion.

Plz help me i try a lot but failed.

Subject: Re: Under-five mortality rate estimation

Posted by [Carmen](#) on Thu, 20 Feb 2020 00:44:13 GMT

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POR FAVOR, PODRIAN PONER EL CODIGO EXACTO EN SPSS PARA CALCULAR LA MORTALIDAD INFANTIL?? VEO QUE HAN PUESTO EL CODIGO EXACTO EN STATA Y R, PERO NO EN SPSS, SE AGRADECE EL APOYO

Saludos,

Subject: Re: Under-five mortality rate estimation

Posted by [Liz-DHS](#) on Tue, 21 Apr 2020 21:44:25 GMT

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Dear User, please refer to the following link. The link provides SPSS code to produce Demographic and Health Survey Indicators.
Thank you!
