
Subject: Contraceptive Prevalence Rate

Posted by [Srini](#) on Mon, 23 Sep 2019 08:29:07 GMT

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I am trying to calculate contraceptive prevalence rate (CPR) among currently married women (CMW) in India based on the DHS 2015-16 dataset. In the numerator I am including all CMW who are currently using any method of contraception.

1. To get the count of CMW in the denominator, I am using the variable V502 and selecting factor level = "1". This gives me D = 499,627 records.

2. In the subset of data obtained above, to get the count of number of CMW who are currently using any method of contraceptive, I am using the variable V361 with factor level = "10" (currently using). This gives me N = 252,603 records.

3. Thus CPR among CMW = $N/D * 100 = 50.6\%$.

But, the summary reports of DHS 2015-16 (or NFHS 2015-16) as well as figures from the STATCompiler show CPR among CMW as 53.5%. Am I missing something?

1) from the denominator and the corresponding CPR figure is 54.04%.

Am I on the right track? What am I missing here? Why am I not getting the figure of 53.5%?

Subject: Re: Contraceptive Prevalence Rate

Posted by [Bridgette-DHS](#) on Fri, 18 Oct 2019 17:35:10 GMT

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

We apologize for the delay in answering your post. DHS bases the CPR on v313, rather than v361. The CPR may be restricted to modern methods, i.e. cases with v313=3. This is called the mCPR. The denominator should be women who have v502=1 or v528<=30 (women who are currently married or living as married OR had sex in the past 30 days). The cases must be weighted with v005/1000000. Did you weight the cases?
