
Subject: Village mean sanitation
Posted by [chande](#) on Fri, 27 Aug 2021 17:12:28 GMT
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the improved sanitation variable is measured by the proportion of households using improved sanitation facility in the village excluding the particular household in consideration. In other words, i want to use village-level (village mean) indicators for sanitation facility to generate exogenous sanitation variable. I want the stata code for this variable.

Subject: Re: Village mean sanitation
Posted by [Bridgette-DHS](#) on Tue, 14 Sep 2021 11:45:54 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

Say that for each household you have a binary variable SH that is 1 for improved sanitation and 0 for unimproved ("H" for household). You want to construct a variable SC that is the proportion of households in the cluster for which SH is 1 ("C" for cluster, which you are interpreting as a village). The command you want is "egen SC=mean(SH), by(hv001)". If you are using an India survey, use (by hv024 hv001).
