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Subject: Yearly prevalence of ARI

Posted by [Anonymous](#) on Sun, 02 Feb 2025 22:57:08 GMT

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Hello again!

Is it possible to estimate the prevalence of ARI for 1 year from the original ARI variables (prevalence of ARI in the past 2 weeks)? Something like "number of children under 5yo (and respective proportion over the total) who had symptoms of ARI for a year? Thanks in advance!

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Subject: Re: Yearly prevalence of ARI

Posted by [Anonymous](#) on Wed, 05 Mar 2025 23:34:59 GMT

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acseng wrote on Sun, 02 February 2025 17:57Hello again!

Is it possible to estimate the prevalence of ARI for 1 year from the original ARI variables (prevalence of ARI in the past 2 weeks)? Something like "number of children under 5yo (and respective proportion over the total) who had symptoms of ARI for a year? Thanks in advance!  
Yes, you can estimate the annual prevalence of ARI from the DHS 2-week data by extrapolating the proportion of children under 5 with symptoms across a year, adjusting for multiple episodes and overlap, though it's a rough estimate due to seasonality and recurrence.

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