Subject: Re: Calculating Age-Specific Fertility Fate (ASFR) with data constraints
Posted by Bridgette-DHS on Mon, 20 Sep 2021 18:10:31 GMT
View Forum Message <> Reply to Message

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

I do not recommend any adjustment for heaping. The woman's current age may be heaped at multiples of 5, and especially multiples of 10, but the rates are based age at the time of the birth and exposure to age within a time interval. Her current age is backdated, and by different amounts for different time intervals. The effect of an adjustment would be very small.

Also we don't really understand the mechanism behind heaping. Usually, it is probably just rounding. But if, say, a tendency to move up (for example from 29 to 30) is more common than a tendency to move down (for example from 31 to 30), then there's a bias. If there is a bias, it could be different at younger ages versus older ages.

Without a good model for the pattern of misreporting, we don't have a basis for adjustments.