
Subject: Re: Number of under-five deaths
Posted by [Bridgette-DHS](#) on Wed, 25 Nov 2020 15:31:09 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

This is not so easy. The complication is that the birth histories give age at death, not cmc of death. Say a child was born in month A and died at age B months. That means the child could have died in month A+B-1 or month A+B. The DHS procedure is to assign half of the death to each of these two months, and to assign half a unit of risk to each of these two months. Sometimes it happens that month A+B is in one time interval and month A+B+1 is in the next time interval.

The number of children at risk of dying at age 0-4 in the past five years will be the number of children born 0-9 years ago minus the number who died 5-9 years ago. All remaining children had some exposure to age 0-4 in the past five years.

The number of deaths at age 0-4 in the past five years will be the number of children born in the past ten years who died at age 0-4 (b7<60) in the past five years.

You can go into the under-five mortality program and try to identify and pull out the relevant numbers or you can construct a tabulation of cmc of birth (b3) and months of age at death (b7) and figure it out.