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Subject: Indonesia vcal calendar data

Posted by [adev](#) on Wed, 07 Jan 2015 19:08:12 GMT

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Hello -

I am working with the contraceptive calendar in the IDHS 2002 & 2007. I have managed to extract the calendar data and reshape in long form by month/year, designate the months of pregnancy and birth/termination, set data as time series to count 'spells' of pregnancy, as well as designate stillbirths and miscarriages by length of pregnancy. The code works pretty well and now I am trying to produce estimates of livebirths and stillbirths. I've excluded pregnancies less than 7 months gestation as well as pregnancies that were already ongoing at the beginning of the calendar. Of the remaining pregnancies, my numbers are off the published ones. Here are the numbers compared:

2002: 16,879 LB (my calc) & 15,089 LB (DHS published); 158 SB (my calc) and 147 SB (DHS published)

2007: 18,364 LB (my calc) & 16,504 LB (DHS published); 174 SB (both mine and DHS match here)

I am using the period Jan 1998 to Dec 2002 for DHS 2002 and Jan 2003 - Dec 2007 for DHS2007. I know DHS reports in 0-4 years prior to survey but I think these are the same time periods as I am using. Plus I don't think being off by a couple of months here and there should produce such a difference in the numbers of LBs. I would appreciate any advice on any different inclusion/exclusion criteria I should be employing so I could get close to the published numbers because I would really like to understand how DHS did it.

Thank you!

Alka

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