Subject: Full immunization coverage in Kenya 2022
Posted by ICEH on Thu, 10 Aug 2023 13:59:38 GMT
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Dear all,
I am having trouble to reach the published result of 80.1% coverage for full immunization coverage (basic antigens, either source) in children aged 12-23 motnhs in Kenya 2022 survey.

I have calculated each individual vaccine coverage (BCG, three doses of DPT-HepB-Hib, three doses of polio vaccine excluding polio vaccine given at birth, and one dose of MR) and the results match with the published report, with less than 0.7 pp difference.
However, when I calculate the full immunization indicator I found a 69.5% coverage, wich is 10.6 pp lower from the published result.

I am wondering if there is something different in the definiton of full immunization indicator. Can you help me with that.
Thanks in advance.

Subject: Re: Full immunization coverage in Kenya 2022
Posted by Janet-DHS on Tue, 15 Aug 2023 16:01:00 GMT
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Following is a response from DHS staff member, Tom Pullum:

The calculation of the immunization rates is complex because of a distinction between whether the information comes from a card or from the mother. There is no simple way to check why you are getting this inconsistency. Please review the Stata code (if you are using Stata) given on our GitHub site: https://github.com/DHSProgram/DHS-Indicators-Stata/blob/master/Chap10_CH/CH_VAC.do