Subject: Re: How do I calculate age-specific immunization rates for <5 children
Posted by Trevor-DHS on Fri, 15 Aug 2014 04:29:47 GMT
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When you say that you want to calculate age-specific immunization rates for children under 5, do you mean that you are checking the age of the child in months and comparing that to whether the child should have received the vaccination? For example, assuming that DPT is given at 6, 10 and 14 weeks, are you checking that with the date of birth and date of vaccination? Or are you just saying for each age in years what proportion have received a particular immunization. If not, then I'm not sure what you mean by age-specific vaccination rate.

You also talk about country specific immunization schedule information and the introduction of Pentavalent. Are you looking for the date at which Pentavalent is introduced in the country or the age at which it is given in the vaccination schedule? The UNICEF immunization summary can give some information on the introduction of Hepatitis B and Hib. This summary guide has a page for each country and lists the vaccine coverage rates for each vaccine, including Hep B 3 and Hib 3. From this you can get an idea of when the vaccines were introduced nationally.

If a survey lists pentavalent as a vaccine, but the variables for DPT are not used, I think you can assume that the pentavalent vaccine included DPT. If Hep B and or Hib were listed, but not referred to as Pentavalent, I would not assume that DPT was given as these vaccines are given in some countries as single vaccines.

I'm not sure if this answers your questions. If you need further clarification, please let us know.