
Subject: Measles Immunization Coverage in Azerbaijan
Posted by [estammer](#) on Fri, 29 Mar 2013 13:29:59 GMT

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The 2006 Azerbaijan DHS reports two data points for measles immunization coverage. I believe that one of these numbers (58.5) represents coverage using the single antigen vaccine and one represents coverage using the conjugate MMR vaccine (61.1). I am interested in comparing measles immunization rates across all DHS reports, but I'm stuck on Azerbaijan. Are the dosages comparable enough that I could go into the data set and calculate coverage as the percentage of children receiving either immunization before 18 months of age? Is the country phasing one of these vaccines out? Curious because I haven't seen two measles data points in any of the other reports. Thanks in advance for your help!

Emily

Subject: Re: Measles Immunization Coverage in Azerbaijan
Posted by [Liz-DHS](#) on Fri, 12 Apr 2013 15:14:59 GMT

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Here is a response from one of our experts, Dr. Gulnara Semenov:

The Azerbaijan DHS 2006 was not standard in respect to vaccinations. In columns for Measles and MMR they were treated as different vaccines. However for the "All basic" column in Table 11.2, P129 of the final report, any vaccination against measles was counted. If a child had BCG, three doses of Polio and DPT, and either Measles or MMR (or both), this child was counted as fully vaccinated.

In Azerbaijan at the time of the survey MMR vaccination was given at 12 months, it has replaced the old one (measles), therefore in our sample we had children who were vaccinated against measles by a mono vaccine and some children vaccinated by MMR, so the user should use either one to calculate the coverage exactly as we did for the coverage by all basic vaccines.

Subject: Re: Measles Immunization Coverage in Azerbaijan
Posted by [estammer](#) on Tue, 16 Apr 2013 20:42:01 GMT

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Helpful, thanks!

Emily
