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Subject: question on facility info. in TA SPA (TZSR06CT) dataset

Posted by [catherine3h](#) on Sat, 10 Sep 2016 15:38:27 GMT

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To Whom It May Concern:

I am conducting an analysis using the Tanzania SPA dataset where I am examining predictors of providers' giving HIV tests to pregnant women attending ANC sites. I will link the following datasets: provider (TZSR06PV), client (TZSR06AN) and CT (TZSR06CT). I expected that the TZSR06CT dataset would have a unique facility ID because there would be 1 observation at each facility. However, the variable v004 shows multiple observations at some facilities. Why there was more than 1 observation for each facility in this dataset?

To contrast this example, in a similar analysis I was able to combine the following three datasets for the Kenya SPA: provider (KESR10PV), client (KESR10AN) and the facility survey (KESR10FC). The facility survey dataset had only 1 observation at each facility, and I expected that the CT dataset for Tanzania would also contain 1 observation for each facility.

Any information that you can provide would be very helpful. Thank you.

Regards,  
Catherine

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Subject: Re: question on facility info. in TA SPA (TZSR06CT) dataset

Posted by [catherine3h](#) on Sat, 24 Sep 2016 18:31:54 GMT

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Can someone please answer my question? Thank you.

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Subject: Re: question on facility info. in TA SPA (TZSR06CT) dataset

Posted by [Liz-DHS](#) on Sun, 25 Sep 2016 03:14:59 GMT

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Dear User,

Thank you for your post. Your query is in our queue. The data processing person for this survey is currently on travel for work but we do have you in the queue with one of our other experts. As soon as we have a response we will post. Thank you!

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Subject: Re: question on facility info. in TA SPA (TZSR06CT) dataset

Posted by [Liz-DHS](#) on Thu, 27 Oct 2016 23:06:40 GMT

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A response from SPA technical expert, Claudia Marchena,  
Quote:

The SPA survey documentation states that "the structure of the SPA questionnaires can be quite different from country to country". Variable V010 identifies the types of SPA the analyst is using. Following, I am copying the different types of SPA defined by variable V010 and the countries they were applied to:

V010=1: Both MCH and HIV SPAs with multiple units (Kenya 2004, Tanzania 2006, Uganda 2007, Rwanda 2007)

V010=2: MCH SPA only (Egypt 2002, Ghana 2004, Egypt 2004)

V010=3: HIV SPA only (Guyana 2004, Zambia 2005)

V010=4: Both MCH and HIV SPAs with single units and services (Namibia 2009, Kenya 2010)

V010=5: Totally new design for the SPA with facility infrastructure variables similar to those in earlier SPAs, variables similar to earlier MCH, pharmacy and laboratory contents of SPAs, fewer questions for the VCT, TB, ART and PMTCT services, and many small sections of data for malaria services, HIV care and support services, non-communicable disease services, and minor surgical service. (Continuous Senegal 2012, Haiti 2013, Malawi 2013, Ethiopia 2014 (not available), Bangladesh 2014, Tanzania 2014, Nepal 2015)

The SPA documentation states that "the user is advised to review the questionnaire for the SPA being analyzed". That is especially helpful before starting analysis for a particular country survey, as it will give the analyst a clear idea of what to expect in the country survey given the moveable content of SPAs from country to country.

I recommend the user check variable V010 and compare countries in her analysis for which the information on the different modules were collected in a similar way. In other words, I recommend the user compare countries for which V010 is the same or, if comparing different types of SPAs (different V010), then to read the documentation for the particular SPA and make sure that the modules analyzed remained the same for the country surveys being analyzed. Also, to further understand the content of these different types of SPA, it is advisable that the user reads the attached documentation, especially pages 2-4 which will provide her a clear idea of the content of the types of SPA survey she is working on.

As per the "why" SPA surveys change from country to country, my assumption (and this is my assumption) is that the decision on the type of SPA to be done on a particular country came by the country itself, their Ministry of Health, and ICF, based on the country needs according to their health system.

I hope this information helps the user to have a clear idea on the types of SPA surveys and their content.

## File Attachments

1) [TZSR71.doc](#), downloaded 701 times

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