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Subject: Re: Senegal SPA 2015 - sampling for FP observations

Posted by [Liz-DHS](#) on Fri, 30 Jun 2017 16:40:47 GMT

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A response from senior SPA expert, Dr. Hamdy Moussa:

Quote:

Selection of family planning clients for observation.

All providers associated to a selected health facility who should be present and who are actually present in the date of survey are listed in provider listing form.

All family planning clients and sick children under five years of age who visited the health facility should be listed in a client listing form.

A maximum of three providers for each service observed. For each of the priority services for which services are being provided on the day of the visit (sick child consultation and family planning in 2015 Senegal SPA), we randomly select 3 providers to observe. Depending on the size of the facility and the number of providers working in that facility, it is possible to observe 3 providers of curative care of sick children, a different set of 3 providers of FP services, i.e., 6 different providers in all. A maximum of five client consultations for each selected provider observed. A maximum of 15 observations for each service, A maximum for 30 observations per facility.

Clients are systematically selected from the client listing form based on the number of clients present on the day of the survey.

For each of the priority services for which consultations will be observed, whenever possible and feasible, clients should be screened for eligibility in the waiting area and systematically selected for observation. This systematic selection is only possible when there are eligible clients waiting in the waiting area to be seen. Otherwise, clients should be taken on an as-come basis.

If there are 3 or fewer providers of any of the priority services, there is no selection involved; we observe all of these providers.

If there are 5 or less clients for any of the selected providers, there is no selection involved; we observe all of these clients.

A response, from senior sampling expert, Dr. Ruilin Ren:

Quote:

Regarding the client weight:

Firstly, all the SPA weights are sampling stratum level weights because the sampling procedures used in SPA surveys are stratified equal probability sampling. The client weights in the SPA surveys use the Health Facility (HF) weight as base weight, taking into account the total number of clients listed and interviewed within each of the sampling stratum. So you do not need to do any treatment. Using the client weights, you should be able to produce representative results for all the client indicators designed in the SPA survey. However, when you claim the analysis results, for example for your interested indicator "desired number of children", bear in mind that the

representativity is restricted to women 15-49 who visited the HF. The result is not representative to all women in the reproductive age 15-49 because the sample of women in the SPA is not a presentative sample of all women 15-49.

Thanks

Ruilin

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