
Subject: Coverage of HIV Testing in South Africa 2016 Analysis

Posted by [Winona](#) on Sat, 18 Jan 2025 09:17:53 GMT

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Hello, I am a master's student currently researching HIV prevalence and testing rates among young women. Specifically, I aim to explore the HIV testing coverage and positivity rates among this population.

I would like to replicate Table 13.2 in the final SADHS report, titled "Coverage of HIV Testing According to Selected Background Characteristics."

I am particularly interested in distinguishing the different testing status categories, including:

DBS tested, Refused to provide, Absent at the time of blood collection, Other/missing. Could you kindly provide or suggest a Stata code reference to help create such a table?

Thank you very much for your time and assistance.

Subject: Re: Coverage of HIV Testing in South Africa 2016 Analysis

Posted by [Janet-DHS](#) on Fri, 24 Jan 2025 13:21:25 GMT

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Following is a response from DHS staff member, Tom Pullum:

The information you are looking for is in the PR file; your merge needs to include the PR file, as well as the AR, IR, and MR files. The key variables you need from the PR file are ha63 and hv117 for women and hb63 and hv118 for men.

ha63 and hb63 have these categories:

. label list HA63

HA63:

- 1 blood taken
- 2 not present
- 3 refused
- 4 sample not tested/lost/damaged/insufficient
- 5 not enough dbs to complete protocol
- 6 other

You can tell whether a woman was interviewed or not from the PR / IR merge. A woman in the PR file who is eligible for the women's interview has hv104=2 and hv117=1. If that woman is found in the IR file, then she was interviewed. However, if she does not merge with the IR file, then she was not interviewed. Similarly, a man in the PR file who is eligible for the men's interview has hv104=1 and hv118=1. If that man is found in the MR file, then he was interviewed, but if he does not merge with the MR file, then he was not interviewed.

The steps are a little tricky. Let us know if you need help matching table 13.2.

Subject: Re: Coverage of HIV Testing in South Africa 2016 Analysis

Posted by [Winona](#) on Thu, 13 Feb 2025 07:18:27 GMT

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Yes, I need help matching table 13.2.

I've merged the IR MR AR PR file, and I'd like to know the code in Table 13.2 for reference. I've checked 473 people in DBS tested those eligible in age 15~19, which is the correct proportion in the final report. However, I saw no observation outside ha63=1 regardless of eligibility, while there are still a few people in the final report. And how to classify ha63(6 categories) into 4 categories,

so much.

File Attachments

1) [PIMA.do](#), downloaded 231 times
