
Subject: discrepancy in HIV prevalence among men in Cote d'Ivoire in 2005

Posted by [sylvain](#) on Mon, 24 Mar 2014 14:01:58 GMT

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Hi everyone !,

I am sending this email to look for help concerning a discrepancy between my result and the one mentioned in the 2005 AIS report (Cote d'Ivoire enquete sur les indicateurs du Sida 2005 AISS, page 163) with respect to the HIV prevalence among men living in Cote d'Ivoire in 2005. I found a prevalence of 4.32% among men in cote d'ivoire but in the 2005 report it is 2.9%

here is the procedure I used:

I used the 2005 IR file with the corresponding hiv file and merged them using Stata

13, I calculated the weights: `gen menwt = v005/1000000`

`svyset v021 [pw=menwt], strata(v022)`

I recoded the variable of HIV test result (hiv03) into hivtest_new by getting rid of the indeterminants

```
:      gen hivtest_new =.  
      replace hivtest_new =0 if hiv03 ==0  
      replace hivtest_new =1 if hiv03 ==1
```

I computed the prevalence by sex using the variable aidsex:

```
svy : tab aidsex hivtest_new, row
```

and obtained : 4.32% of HIV positives for men, 5.21 % for women and 4.79 % for both men and women. the latter result is not different from the one in the above mentioned report at the same page.

I also checked my 2005 result by creating a subpopulation of male and found the same difference:

```
gen male =.  
replace male = 1 if aidsex ==1  
svy, subpop(male): tab aidsex hivtest_new, row
```

Can everyone help me solve this discrepancy ? Thank you,

Subject: Re: discrepancy in HIV prevalence among men in Cote d'Ivoire in 2005

Posted by [Bridgette-DHS](#) on Tue, 25 Mar 2014 15:38:24 GMT

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Following is a response from DHS Specialist, Tom Pullum:

Your procedure looks fine, except that whenever you use the HIV data you should use HIV05 as the weight. This differs somewhat from V005 (the women's weight) and MV005 (the men's weight), to compensate for the pattern of non-response. I hope that with this change you will be able to match the report.

Please ask again if that does not resolve the inconsistency.
