

Subject: Rwanda 2010 cooking fuel for wealth index
 Posted by [cne2109](#) on Thu, 23 Apr 2015 04:56:33 GMT
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Hi,
 I am working with child recode Rwanda 2000/2005/2010 replicating a wealth index build with 6 assets, and one of them is the type of cooking fuel used in the house. While the code for 2000, 2005 makes sense, the labeling in 2010 does not. I've read the report and it says that 77% of the houses use wood but the numbers for 2010 look like this:

| type of cooking fuel | Year | |
|-------------------------|--------------|--------------|
| | 2010 | Total |
| kerosene | 2 | 2 |
| firewood/straw | 893 | 893 |
| dung | 6,989 | 6,989 |
| 9 | 997 | 997 |
| 10 | 16 | 16 |
| 11 | 2 | 2 |
| 95 | 3 | 3 |
| other | 9 | 9 |
| not dejure resident | 91 | 91 |
| Total | 9,002 | 9,002 |

I am working only with the data from the child-recode, but still, previous years look more consistent:

| type of cooking fuel | Year | | Total |
|-------------------------|--------------|--------------|---------------|
| | 2000 | 2005 | |
| electricity | 16 | 1 | 17 |
| lpg/natural gas | 1 | 3 | 4 |
| kerosene | 3 | 1 | 4 |
| coal/lignite | 41 | 4 | 45 |
| charcoal | 1,027 | 276 | 1,303 |
| firewood/straw | 5,181 | 3,478 | 8,659 |
| dung | 7 | 3 | 10 |
| other | 8 | 0 | 8 |
| not dejure resident | 40 | 19 | 59 |
| 99 | 0 | 3 | 3 |
| Total | 6,324 | 3,788 | 10,112 |

coded wrong? coded differently?? Also what the 9 and the 11 mean in the 2010??

Thanks for the help, in advance!!

C

Subject: Re: Rwanda 2010 cooking fuel for wealth index

Posted by [Liz-DHS](#) on Tue, 19 May 2015 14:08:48 GMT

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Dear User,

I checked with one of our experts Mr. Han Raggars and he had the following frequency:

Item HV226: Type of cooking fuel

... tbd-name: '.RECODE6.RECH2.HV226'

| Categories | Frequency | CumFreq | % | Cum % | |
|----------------------------|-----------|---------|-------|-------|------|
| 1 Electricity | 2 | 2 | 0.0 | 0.0 | |
| 2 LPG | 1 | 3 | 0.0 | 0.0 | |
| 3 Natural gas | 4 | 7 | 0.0 | 0.1 | |
| 4 Biogas | 3 | 10 | 0.0 | 0.1 | |
| 5 Kerosene | 13 | 22 | 0.1 | 0.2 | |
| 7 Charcoal | 1201 | 1223 | 9.6 | 9.8 | |
| 8 Wood | 9621 | 10843 | 76.7 | 86.5 | |
| 9 Straw/shrubs/grass | 1500 | 12343 | 12.0 | 98.4 | |
| 10 Agricultural crop | 20 | 12364 | 0.2 | 98.6 | |
| 11 Animal dung | 1 | 12365 | 0.0 | 98.6 | |
| 95 No food cooked in house | | 152 | | 1.2 | 99.8 |
| 96 Other | 21 | 12538 | 0.2 | 100.0 | |
| Missing | 2 | 12540 | 0.0 | 100.0 | |
| TOTAL | 12540 | 12540 | 100.0 | 100.0 | |

It would be good to know which data set exactly is being used and whether this was downloaded from the DHS site.

The weighted frequencies for the households, for Rwanda 2010 (rwir61.dat) If you still have questions, please feel free to post again.