

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 2000	2005	Total
-----+-----+-----			
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
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.
