Subject: Côte d'Ivoire 1998 DHS
Posted by baremma2002 on Thu, 01 Sep 2016 10:55:40 GMT
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Dear DHS users,

I still have one question. I think this one has not been asked anywhere:

In average, how many households were there in each urban enumeration area (EA) and in each rural EA in 1998 Côte d'Ivoire DHS?

Thank you.

Subject: Re: Côte d'Ivoire 1998 DHS
Posted by Bridgette-DHS on Fri, 02 Sep 2016 10:30:37 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

Here's how to do this in Stata:

```
* open the PR file
use ...CIPR3AFL.dta, clear

set more off

* reduce to one record per household
keep if hvidx==1

gen n=1

* add up the number of households in each cluster
collapse (sum) n, by(hv001)

summarize
tab n
```

Here's the result. There were 140 clusters. The number of households per cluster ranged from 7 to 41, was 9 or 10 in a third of the clusters, and the mean was 15.2 households per cluster.

```
. summarize

    Variable |       Obs        Mean    Std. Dev.       Min        Max
-------------+--------------------------------------------------------
       hv001 |       140      103.85    73.81436         1        248
           n |       140    15.15714    7.107875         7         41
.
```

. tab n

(sum) n	Freq.	Percent	Cum.
7	2	1.43	1.43
8	4	2.86	4.29
9	22	15.71	20.00
10	25	17.86	37.86
11	9	6.43	44.29
12	5	3.57	47.86
13	8	5.71	53.57
14	6	4.29	57.86
15	9	6.43	64.29
16	8	5.71	70.00
17	3	2.14	72.14
18	4	2.86	75.00
19	3	2.14	77.14
20	3	2.14	79.29
21	3	2.14	81.43
22	5	3.57	85.00
23	4	2.86	87.86
25	4	2.86	90.71
26	1	0.71	91.43
27	1	0.71	92.14
28	2	1.43	93.57
30	2	1.43	95.00
31	1	0.71	95.71
33	1	0.71	96.43
34	1	0.71	97.14
35	3	2.14	99.29
41	1	0.71	100.00
Total	140	100.00	

If you replace the last two Stata lines with

```
collapse (sum) n, by(hv001 hv025)
tab hv025, summarize(n)
```

Then you get the following results separately by urban and rural areas.

type of place of residence	Summary of (sum) n Mean	Std. Dev.	Freq.
urban	14.21	6.0607947	100
rural	17.525	8.875167	40

```
------------+-----------------------------------
      Total |   15.157143   7.1078753        140
```