
Subject: Re: SSU variables in the Mauritania DHS2019-2021
Posted by [Bridgette-DHS](#) on Mon, 18 Mar 2024 12:15:03 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

We apologize for the delay in this response.

The variable for region, v024, has the following categories:

```
. label list V024
```

```
V024:
```

- 1 hodh echargui
- 2 hodh gharbi
- 3 assaba
- 4 gorgol
- 5 brakna
- 6 trarza
- 7 adrar
- 8 dakhlet nouadhibou
- 9 tagant
- 10 guidimagha
- 11 tiris zemour et inchiri
- 12 nouakchott ouest
- 13 nouakchott nord
- 14 nouakchott sud

Nouakshott is divided into west, north, and south. The weighted and unweighted numbers of women in the regions is obtained with the IR file:

```
. use "...MRIR71FL.DTA"
```

```
. tab v024
```

region	Freq.	Percent	Cum.
-----+-----			
hodh echargui	1,327	8.44	8.44
hodh gharbi	1,402	8.92	17.37
assaba	1,380	8.78	26.15
gorgol	1,449	9.22	35.37
brakna	1,454	9.25	44.62
trarza	1,320	8.40	53.02
adrar	808	5.14	58.16
dakhlet nouadhibou	643	4.09	62.26
tagant	920	5.85	68.11

guidimagha	1,786	11.37	79.48
tiris zemour et inchiri	787	5.01	84.49
nouakchott ouest	728	4.63	89.12
nouakchott nord	910	5.79	94.91
nouakchott sud	800	5.09	100.00

-----+-----
 Total | 15,714 100.00

. tab v024 [iweight=v005/1000000]

region	Freq.	Percent	Cum.
-----+-----			
hodh echargui	2,033.68582	12.94	12.94
hodh gharbi	1,579.5074	10.05	22.99
assaba	1,249.2951	7.95	30.94
gorgol	1,292.7495	8.23	39.17
brakna	1,281.9262	8.16	47.33
trarza	961.483433	6.12	53.45
adrar	297.682976	1.89	55.34
dakhlet nouadhibou	538.786626	3.43	58.77
tagant	349.098656	2.22	60.99
guidimagha	1,243.5337	7.91	68.91
tiris zemour et inchiri	273.47023	1.74	70.65
nouakchott ouest	792.569719	5.04	75.69
nouakchott nord	2,073.0319	13.19	88.88
nouakchott sud	1,747.1787	11.12	100.00

-----+-----
 Total | 15,714 100.00

However, in order to get the 5016 that you refer to, I have to go to the BR file, in which the cases are all the children in the birth histories:

. use "...MRBR71FL.DTA", clear

. tab v024

region	Freq.	Percent	Cum.
-----+-----			
hodh echargui	3,560	8.95	8.95
hodh gharbi	3,865	9.71	18.66
assaba	3,902	9.81	28.46
gorgol	4,355	10.94	39.41
brakna	3,467	8.71	48.12
trarza	2,841	7.14	55.26
adrar	1,832	4.60	59.86
dakhlet nouadhibou	1,388	3.49	63.35

tagant	2,300	5.78	69.13
guidimagha	5,467	13.74	82.87
tiris zemour et inchiri	1,800	4.52	87.39
nouakchott ouest	1,279	3.21	90.61
nouakchott nord	1,936	4.87	95.47
nouakchott sud	1,801	4.53	100.00
-----+-----			
Total	39,793	100.00	

. tab v024 [iweight=v005/1000000]

region	Freq.	Percent	Cum.
-----+-----			
hodh echargui	5,604.9211	14.02	14.02
hodh gharbi	4,472.7679	11.19	25.21
assaba	3,647.9203	9.13	34.34
gorgol	3,989.3172	9.98	44.32
brakna	3,114.8548	7.79	52.12
trarza	2,060.9592	5.16	57.27
adrar	695.193417	1.74	59.01
dakhlet nouadhibou	1,129.5344	2.83	61.84
tagant	896.282694	2.24	64.08
guidimagha	3,988.79101	9.98	74.06
tiris zemour et inchiri	611.761237	1.53	75.59
nouakchott ouest	1,493.412	3.74	79.33
nouakchott nord	4,374.38955	10.94	90.27
nouakchott sud	3,888.6678	9.73	100.00
-----+-----			
Total	39,968.772	100.00	

By adding the numbers in regions 12, 13, and 14, weighted and unweighted, in the IR and BR files, I found that the 5016 is the sum of the weighted frequencies in the BR file. I have highlighted those numbers in yellow. In other words, I can confirm that there are 5016 BIRTHS, NOT WOMEN, and these are WEIGHTED frequencies, NOT UNWEIGHTED.

You also ask for "the number of the last child born before/after August 2019 among the classified pregnant women by region". I have tried to understand your question but can you clarify it? Are you trying to match a table in the final report, or are you doing something new?

As before, I do not know why you are particularly interested in August 2019, and I don't know whether you intend to include that month 2019 in "before" or "after". I don't know why you are limiting yourself to women who are pregnant, which I interpret to mean pregnant at the time of the survey.

If I interpret your question literally, you want to restrict yourself to women who are pregnant at the time of the survey (v213=1), and to the most recent birth (bidx=1) and you want to know how many of those births were before or after August 2019, by region. Here are the Stata lines for

doing that. Let us know if you want something else.

use "...MRBR71FL.DTA", clear

* Find the cmc for August 2019
summarize b3 if b1==8 & b2==2019
* August 2019 is b3=1436

* Construct a variable for the timing of births in the birth histories
gen birthdate=1
replace birthdate=2 if b3==1436
replace birthdate=3 if b3>1436

label define bd 1 "Before August 2019" 2 "In August 2019" 3 "After August 2019"
label values birthdate bd

tab v024 birthdate if bidx==1 & v213==1 [iweight=v005/1000000]

. tab v024 birthdate if bidx==1 & v213==1 [iweight=v005/1000000]

	birthdate			
region	Before Au	In August	After Aug	Total
-----+-----+-----				
hodh echargui	149.223643	2.148514	0	151.372157
hodh gharbi	151.271238	0	0	151.271238
assaba	76.345168	0	0	76.345168
gorgol	102.743707	0	0	102.743707
brakna	42.965639	0	0	42.965639
trarza	53.324355	0	0	53.324355
adrar	13.528143	0	0	13.528143
dakhlet nouadhibou	26.032095	0	0	26.032095
tagant	23.939958	0	0	23.939958
guidimagha	81.070053	0	.723028	81.793081
tiris zemour et inchi	15.290715	0	0	15.290715
nouakchott ouest	17.218033	0	.792849	18.010882
nouakchott nord	91.418925	2.031406	6.741004	100.191335
nouakchott sud	83.416651	5.80855	5.440926	94.666127
-----+-----+-----				
Total	927.788323	9.98847	13.697807	951.4746