
Subject: Re: SSU variables in the Mauritania DHS2019-2021
Posted by [Bridgette-DHS](#) on Fri, 01 Mar 2024 12:45:26 GMT
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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

The variable to identify PSUs is v001 (duplicated as v021) and the variable for households, which are the SSUs, is v002. However, you don't need either of them. The following lines will give a table for the number of births that the sampled women had before August 2019, during August 2019, or after August 2019, for each region (v024), not just the two regions you mentioned.

Note that these are numbers of births to women in the sample. The number of births after August 2019 is affected by when the woman was interviewed. The fieldwork started in November 2019 and was stopped in March 2020 (there were 2 interviews in April 2020), and then resumed for two months in February-March 2021. If you are trying to get at the impact of COVID-19 on fertility, you will have to take the date of interview into account. Only the 5,016 women interviewed in 2021 could possibly show a COVID-19 effect.

* Number of births in the Mauritania 2019-21 survey before/after August 2019, by region

use "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\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 [iweight=v005/1000000]

Here is the table of weighted frequencies:

	birthdate			
region	Before Au	In August	After Aug	Total
-----+-----+-----				
hodh echargui	5,398.926	40.237882	165.757235	5,604.9211
hodh gharbi	4,306.5666	28.994562	137.206754	4,472.768
assaba	3,542.996	19.488518	85.435286	3,647.92
gorgol	3,866.476	21.88072	100.96081	3,989.317
brakna	2,995.976	21.032225	97.846587	3,114.855
trarza	1,992.851	16.385234	51.722557	2,060.959
adrar	676.115868	2.597507	16.480042	695.193417

dakhlet nouadhibou		1,097.09	4.328784	28.115727		1,129.534
tagant		867.836632	5.258122	23.18794		896.282694
guidimagha		3,860.71	23.182374	104.898378		3,988.791
tiris zemour et inchi		589.395148	6.91581	15.450279		611.761237
nouakchott ouest		1,339.084	8.220457	146.107834		1,493.412
nouakchott nord		4,009.97	17.350836	347.069054		4,374.39
nouakchott sud		3,567.589	18.178068	302.901025		3,888.668
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Total		38,111.58	234.051099	1,623.14		39,968.77
