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Subject: Re: Estimation of percentage of 20-24 year old women who married before the age of 18

Posted by [Bridgette-DHS](#) on Fri, 04 Nov 2022 12:55:22 GMT

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Following is a response from DHS staff member, Tom Pullum:

Here is a Stata program that does what you want to do. It includes a translation of the CSPro instructions for coding age at marriage in this survey. I have included some lines (between "/\*" and "\*/") that give slightly different results. There were 2,487 women with a year of marriage but a missing month of marriage. Those lines assign month=6, which is often done when a month is missing, but the CSPro code treated those cases as NA. The Stata program does not give the rows for 20-49 and 25-49 but they could be added.

\* Replication of Table 6.2, Age at First Marriage, in the India 2019-21 DHS (NFHS-5)

```
use "...IAIR7DFL.dta" , clear
```

```
gen never_married=0
```

```
replace never_married=1 if v501==0
```

```
/*
```

```
* Procedure that allocates cases with month missing to month 6 and uses the earlier of
```

```
* the reported dates at first marriage and first cohabitation (if both are given)
```

```
gen   cmc_first_mar=s308c
```

```
replace cmc_first_mar=12*(s308y-1900)+6 if s308y<9998 & s308m==98
```

```
replace cmc_first_mar=. if s308y==9998
```

```
gen cmc_first_cohab=12*(v508-1900)+v507
```

```
gen afc=int((cmc_first_cohab-v011)/12)
```

```
gen afm=int((cmc_first_mar-v011)/12)
```

```
replace afm=min(afc,afm)
```

```
*/
```

```
* Procedure used in the CSPro construction of the table
```

```
gen v511x=.
```

```
replace v511x=s309 if s309>=0 & s309<=96
```

```
replace v511x=int((s308c-v011)/12) if s308c>=500 & s308c<=1500
```

```
replace afm=v511x
```

```
replace afm=99 if v501==0
```

```
* afm should be over-ridden as NA if v501==0
```

```
local lcutoffs 15 18 20 21 25
```

```
foreach lc of local lcutoffs {  
  gen marr_by_`lc'=0  
  replace marr_by_`lc'=1 if afm<`lc'  
}
```

```
tab v013 marr_by_15 [iweight=v005/1000000], row  
tab v013 marr_by_18 if v013>1 [iweight=v005/1000000], row  
tab v013 marr_by_20 if v013>1 [iweight=v005/1000000], row  
tab v013 marr_by_21 if v013>2 [iweight=v005/1000000], row  
tab v013 marr_by_25 if v013>2 [iweight=v005/1000000], row  
tab v013 never_married [iweight=v005/1000000], row
```

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