
Subject: EBF Jordan 1990

Posted by [staranalyst](#) on Thu, 29 Aug 2024 15:54:31 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello DHS colleagues,

I am trying to reproduce the EBF estimate for Jordan 1990. According to the Jordan 2023 DHS Summary Report (attached), Figure 8 Trends in exclusive breastfeeding, the official estimate for is 39%. However, using the KR file and the following STATA code, I got 23.95% with a weighted sample size of 724.7. Please advise.

*load in dataset

```
use "$jordhsraw\1990\JOKR21DT\JOKR21FL", clear
```

*create an age var

```
gen age_ch=v008-b3
```

*drop all vars with bf in it

```
capture drop *bf*
```

*exclusive breastfeeding

*generate an othfood var to indicate if consumed other foods.

```
capture drop othfood
```

```
egen othfood=rowtotal(v409 v409a v410 v410a v411 v411a v412 v413a v413 v414), missing
```

*create ebf based on age range, last-born, living with mother, current bf status, and other food consumed

*age_ch<6 smaller than 6 month of age

*b9==0 lives with mother

*m4==95 currently breastfeeding for the specific child

*othfood==0 did not consume any other foods

```
gen ebf=.
```

```
replace ebf=0 if age_ch<6 & b9==0 & midx==1
```

```
replace ebf=1 if age_ch<6 & b9==0 & m4==95 & midx==1 & othfood==0
```

```
bigtab ebf age_ch othfood
```

*validate the estimate against DHS report

*23.95% Sample size 724.7 Not validated.

```
tab ebf [iweight=v005/1000000]
```

File Attachments

1) [Jordan 2023 DHS Summary Report.pdf](#), downloaded 50 times

Subject: Re: EBF Jordan 1990
Posted by [Janet-DHS](#) on Thu, 05 Sep 2024 12:33:11 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

I believe you are correct. The estimate of 39% appears to be drawn from STATcompiler. The estimate in the 1990 report is 39% for 0-1 months but an estimate for 0-5 months would be much lower.

I cannot take the time to check your calculation but have asked that the 39% in the KIR and on STATcompiler be re-calculated. The estimate of just 11% in the 1997 survey is also suspicious.

Thanks very much for identifying this likely error.

Subject: Re: EBF Jordan 1990
Posted by [staranalyst](#) on Thu, 05 Sep 2024 12:58:55 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Tom/Janet, thanks for your response. When can I expect to hear back on the corrected EBF estimate for 1990 and 1997?

Subject: Re: EBF Jordan 1990
Posted by [Janet-DHS](#) on Mon, 09 Sep 2024 14:19:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

The staff who prepare the numbers on STATcompiler have been notified. I have no idea when the numbers posted there will be changed. You will just have to keep checking. We will not re-calculate independently, because of a risk that we will still not match. Thanks again for identifying the apparent error.

Subject: Re: EBF Jordan 1990
Posted by [staranalyst](#) on Mon, 09 Sep 2024 17:15:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks Tom and Janet. I will keep checking the STATCompiler. Can you ask the analyst who will update STATCompiler to post their STATA code here when they update STATCompiler for Jordan 1990 EBF?
