
Subject: Re: Replicating table 3.3 and 3.7 in Tanzania SPA 2014-15

Posted by [foysal](#) on Tue, 24 Aug 2021 18:28:04 GMT

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Dear Sara,

Thanks for your response and I was able to get the same % as tables except the variable- X ray machine, full blood count, liver or renal function test".

Here is the codes with the output.

```
gen wt=facwt/1000000
```

```
*Xray machine
```

```
gen xray=.
```

```
replace xray=0 if inrange(factype,1,7) | inrange(factype,12,14)
```

```
replace xr=1 if xray==0 & ((q881b_1==1 & q881c_1==1) | (q881b_2==1 & q881c_2==1 & q881b_3==1 & q881c_3==1))
```

```
tab xray [iw=wt]
```

xray	Freq.	Percent	Cum.
0	49.745353	37.16	37.16
1	84.1219059	62.84	100.00
-----+			
Total	133.867259	100.00	

In the report table the % is 63.0 (table 3.7.3).

```
*Full blood count
```

```
gen blood_count=.
```

```
replace blood_count=0 if inrange(factype,1,7) | inrange(factype,12,14)
```

```
replace blood_count=1 if blood_count==0 & ((q834==1 & q835==1) | (q802eb_1==1 & q802ec_1==1 & q802eb_2==1 & q802eb_3==1 & q802ec_3==1))
```

```
tab blood_count [iw=wt]
```

blood_count	Freq.	Percent	Cum.
0	35.4440796	26.48	26.48
1	98.4231793	73.52	100.00
-----+			
Total	133.867259	100.00	

In the final report table the % is 66.9 (table 3.7.3).

```
**Liver or renal function test
```

```
gen lrt=.
```

```
replace lrt=0 if inrange(factype,1,7) | inrange(factype,12,14)
```

```
replace lrt =1 if lrt==0 & q833==1 & ((q834==1 & q835==1) |(q835c==1 & q835d==1))
```

```
tab lrt [iw=wt]
```

lrt	Freq.	Percent	Cum.
-----	-------	---------	------

0	70.8263274	52.91	52.91
1	63.0409315	47.09	100.00
Total	133.867259	100.00	

In the report the % is 46.5 (table 3.7.3).
 How can I get the same % of this variables as the table?

Regards,
 Shakim