

---

Subject: Re: Household crowding

Posted by [Bridgette-DHS](#) on Mon, 17 Aug 2020 14:40:00 GMT

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

---

Following is a response from DHS Senior Analysis & Research Manager, Shireen Assaf:

Dear user,

The following Stata code can be used to compute the crowding index from the HR file. You can then recode this index to a binary variable if you like as I have shown with the variable "crowded".

Thank you.

Best,

Shireen

Stata code:

```
* calculating crowding index
```

```
gen hhusual =hv012
```

```
replace hhusual=hv013 if hhusual==0
```

```
gen crowd=.
```

```
replace crowd=trunc(hhusual/hv216) if hv216>0
```

```
replace crowd=hhusual if hv216==0
```

```
replace crowd=. if hv216>=99
```

```
label var crowd "crowding index"
```

```
recode crowd (0/2=0 "No") (3/max=1 "Yes"), gen(crowded)
```

```
label var crowded "Three or more people living in the same room"
```

---