

**** Syntax for Deriving NSSEC (reduced method)**

****Step 1:** Creating “employment status” variable by using “start”, “solor”, and
**“manager” in any LFS files during 1991-2001. Please see flowchart1.

```
set mem 200m  
cap log close
```

```
log using LFSnssec99mm.log,replace
```

```
use "C:\LFS\mar-may99stata\UKDA-4012-stata6\stata6\qlfsmm99.dta", clear  
rename socmain soc90  
recode soc90 -9/-6=.  
sort soc90
```

```
ge empstats=.  
replace empstats=1 if statr==2 & solor==2  
replace empstats=2 if statr==2 & solor==1  
replace empstats=3 if statr==1 & manager==1  
replace empstats=4 if statr==1 & manager==2  
replace empstats=5 if statr==1 & manager==3
```

```
ta empstats
```

```
lab var empstats "Employment Status-simplified"  
lab def empstats 1 "s/e others" 2 "se none" 3 "manager" 4 "super" 5 "employee"  
lab val empstats empstats
```

```
ta empstats  
save "C:\LFS\mar-may99stata\UKDA-4012-stata6\stata6\qlfsmm99a.dta",replace
```

****Step 2:** merging previous file with “nssec90a.dta” which is a look up file from ONS
**file, transferred to stata format.

```
use "C:\NS-SEC\nssec90.dta", clear  
recode soc90 -9/-6=.  
sort soc90  
save "C:\NS-SEC\nssec90a.dta", replace  
use "C:\LFS\mar-may99stata\UKDA-4012-stata6\stata6\qlfsmm99a.dta", clear
```

```
merge soc90 using "C:\NS-SEC\nssec90a.dta"
```

```
ta _merge
```

```
drop if _merge==2
```

```
lab var ssec "simplified NS-SEC operational categories"
```

****Step 3:** creating “reduced NS-SEC operational categories” followed by shorter
**version 7 analytical classes and finally labelling.

```
gen rsec=.  
replace rsec=sew_1 if empstats==1  
replace rsec=seno_2 if empstats==2  
replace rsec=man_3 if empstats==3  
replace rsec=sup_4 if empstats==4  
replace rsec=emp_5 if empstats==5
```

```
drop sew_1-emp_5 _merge  
lab var rsec "reduced NS-SEC operational categories"
```

```
gen rsec7=rsec  
recode rsec7 1/3.9=1 4/6.9=2 7/7.9=3 8/9.9=4 10/11.9=5 12/12.9=6 13/13.9=7  
lab var rsec7 "reduced NS-SEC 7 classes"
```

```
gen ssec7=ssec  
recode ssec7 1/3.9=1 4/6.9=2 7/7.9=3 8/9.9=4 10/11.9=5 12/12.9=6 13/13.9=7  
lab var ssec7 "simplified NS-SEC 7 classes"
```

```
tab1 rsec7 ssec7
```

```
lab var ssec7 "simplified NS-SEC 7 classes"  
lab def ssec7 ///  
1 "Higher managerial and professional occupations" ///  
2 "Lower managerial and professional occupations " ///  
3 "Intermediate occupations" ///  
4 " Small Employers and Own account workers" ///  
5 "Lower supervisory and technical occupations" ///  
6 "Semi-routine occupations" ///  
7 "Routine occupations"
```

```
label values ssec7 ssec7
```

```
lab var rsec7 "Reduced NS-SEC 7 classes"  
lab def rsec7 ///  
1 "Higher managerial and professional occupations" ///  
2 "Lower managerial and professional occupations " ///  
3 "Intermediate occupations" ///
```

```
4 "Small Employers and Own account workers" ///
5 "Lower supervisory and technical occupations" ///
6 "Semi-routine occupations" ///
7 "Routine occupations"
label values rsec7 rsec7
```

```
tab1 rsec7 ssec7
```

```
lab var ssec "simplified NS-SEC operational categories"
```

```
lab def ssec ///
```

```
-9 "Not classified (students living away or not aged 16 to 74)" ///
1 "Employers in large organisations" ///
2 "Higher managerial" ///
3 "Higher professionals (traditional) - employees" ///
4 "Higher professionals (new) - employees" ///
5 "Higher professionals (traditional) - self-employed" ///
6 "Higher professionals (new) - self-employed" ///
7 "Lower professionals and higher technical (traditional) - employees" ///
8 "Lower professionals and higher technical (new) - employees" ///
9 "Lower professionals and higher technical (traditional) - self-employed" ///
10 "Lower professionals and higher technical (new) - self-employed" ///
11 "Lower managerial" ///
12 "Higher supervisory" ///
13 "Intermediate clerical and administrative" ///
14 "Intermediate sales and service" ///
15 "Intermediate technical and auxiliary" ///
16 "Intermediate engineering" ///
17 "Employers in small organisations (non-professional)" ///
18 "Employers in small organisations (agriculture)" ///
19 "Own account workers (non-professional)" ///
20 "Own account workers (agriculture)" ///
21 "Lower supervisory" ///
22 "Lower technical aircraft" ///
23 "Lower technical process operative" ///
24 "Semi-routine sales" ///
25 "Semi-routine service" ///
26 "Semi-routine technical" ///
27 "Semi-routine operative" ///
28 "Semi-routine agriculture" ///
29 "Semi-routine clerical" ///
30 "Semi-routine childcare" ///
31 "Routine sales and service" ///
32 "Routine production" ///
33 "Routine technical" ///
34 "Routine operative" ///
```

- 35 "Routine agricultural" ///
- 36 "Never worked" ///
- 37 "Long-term unemployed" ///
- 38 "Full time students" ///
- 39 "Not known for reason other than student" ///
- 40 "Not known for other reason"

label values ssec ssec

lab var ssec "simplified NS-SEC operational categories"

lab def ssec ///

- 9 "Not classified (students living away or not aged 16 to 74)" ///
- 1 "Employers in large organisations" ///
- 2 "Higher managerial" ///
- 3.1 "Higher professionals (traditional) - employees" ///
- 3.2 "Higher professionals (new) - employees" ///
- 3.3 "Higher professionals (traditional) - self-employed" ///
- 3.4 "Higher professionals (new) - self-employed" ///
- 4.1 "Lower professionals and higher technical (traditional) - employees" ///
- 4.2 "Lower professionals and higher technical (new) - employees" ///
- 4.3 "Lower professionals and higher technical (traditional) - self-employed" ///
- 4.4 "Lower professionals and higher technical (new) - self-employed" ///
- 5 "Lower managerial" ///
- 6 "Higher supervisory" ///
- 7.1 "Intermediate clerical and administrative" ///
- 7.2 "Intermediate sales and service" ///
- 7.3 "Intermediate technical and auxiliary" ///
- 7.4 "Intermediate engineering" ///
- 8.1 "Employers in small organisations (non-professional)" ///
- 8.2 "Employers in small organisations (agriculture)" ///
- 9.1 "Own account workers (non-professional)" ///
- 9.2 "Own account workers (agriculture)" ///
- 10 "Lower supervisory" ///
- 11.1 "Lower technical craft" ///
- 11.2 "Lower technical process operative" ///
- 12.1 "Semi-routine sales" ///
- 12.2 "Semi-routine service" ///
- 12.3 "Semi-routine technical" ///
- 12.4 "Semi-routine operative" ///
- 12.5 "Semi-routine agriculture" ///
- 12.6 "Semi-routine clerical" ///
- 12.7 "Semi-routine childcare" ///
- 13.1 "Routine sales and service" ///
- 13.2 "Routine production" ///
- 13.3 "Routine technical" ///

```

13.4 "Routine operative" ///
13.5 "Routine agricultural" ///
14.1 "Never worked" ///
14.2 "Long-term unemployed" ///
15 "Full time students" ///
16 "Not known for reason other than student" ///
17 "Not known for other reason"
label values ssec ssec
log close
**Syntax for Deriving NSSEC (full method)

```

```

set mem 200m
cap log close

```

```

log using LFSnssec99mm.log,replace

```

```

use "C:\LFS\mar-may99stata\UKDA-4012-stata6\stata6\qlfsmm99.dta", clear
rename socmain soc90
recode soc90 -9/-6=.
sort soc90

```

****Step 1:** Creating “employment status” variable by using “start”, “solor”, “manager” *and “mpnor” in any LFS files during 1991-2001. Please note that the size of workforce *has been taken into the account. Please see flowchart2.

```

ta mpnor
recode mpnor 1/4=1 5/7=2, gen (worksize)
ge empstats=.
replace empstats=1 if statr==2 & solor==2 & worksize==2
replace empstats=2 if statr==2 & solor==2 & worksize==1
replace empstats=3 if statr==2 & solor==1
replace empstats=4 if statr==1 & manager==1 & worksize==2
replace empstats=5 if statr==1 & manager==1 & worksize==1
replace empstats=6 if manager==2
replace empstats=7 if manager==3

```

```

ta empstats

```

```

lab var empstats "Employment Status- full method"
lab def empstats 1 "Employers large organizations" 2 "Employers small organizations" 3
"Self-employed" 4 "Manager large" 5 "Manager small" 6 "Supervisors" 7 "Other
employees"
lab val empstats empstats

```

```
ta empstats
save "C:\LFS\mar-may99stata\UKDA-4012-stata6\stata6\qlfsmm99a.dta",replace
```

****Step 2:** merging previous file with “fmwrksz90oc.dta” which is a look up file from *ONS, transferred to stata format.

```
use "C:\LFS\NS-SEC overtime\fmwrksz90oc.dta", clear
destring soc90 ssec se25_1 sel25_2 seno_3 man25p_4 manl25p_5 sup_6 emp_7, replace
recode soc90 -9/-6=.
sort soc90
save "C:\LFS\NS-SEC overtime\fmwrksz90oca.dta", replace
```

```
use "C:\LFS\mar-may99stata\UKDA-4012-stata6\stata6\qlfsmm99a.dta", clear
```

```
merge soc90 using "C:\LFS\NS-SEC overtime\fmwrksz90oca.dta"
```

```
ta _merge
```

```
drop if _merge==2
```

```
lab var ssec "simplified NS-SEC operational categories"
```

****Step 3:** creating “full method NS-SEC operational categories” followed by shorter **version 7 analytical classes and finally labelling.

```
gen nssec=.
replace nssec= se25_1 if empstats==1
replace nssec=sel25_2 if empstats==2
replace nssec=seno_3 if empstats==3
replace nssec= man25p_4 if empstats==4
replace nssec=manl25p_5 if empstats==5
replace nssec=sup_6 if empstats==6
replace nssec=emp_7 if empstats==7
```

```
drop se25_1-emp_7 _merge
lab var nssec "Full method NS-SEC operational categories"
```

```
gen nssec7=nssec
recode nssec7 1/3.9=1 4/6.9=2 7/7.9=3 8/9.9=4 10/11.9=5 12/12.9=6 13/13.9=7
lab var nssec7 "Full method NS-SEC 7 classes"
```

```
gen ssec7=ssec
recode ssec7 1/3.9=1 4/6.9=2 7/7.9=3 8/9.9=4 10/11.9=5 12/12.9=6 13/13.9=7
```

lab var ssec7 "simplified NS-SEC 7 classes"

tab1 nssec7 ssec7

lab var ssec7 "simplified NS-SEC 7 classes"

lab def ssec7 ///

- 1 "Higher managerial and professional occupations" ///
- 2 "Lower managerial and professional occupations" ///
- 3 "Intermediate occupations" ///
- 4 " Small Employers and Own account workers" ///
- 5 "Lower supervisory and technical occupations" ///
- 6 "Semi-routine occupations" ///
- 7 "Routine occupations"

label values ssec7 ssec7

lab var nssec7 "Reduced NS-SEC 7 classes"

lab def nssec7 ///

- 1 "Higher managerial and professional occupations" ///
- 2 "Lower managerial and professional occupations" ///
- 3 "Intermediate occupations" ///
- 4 " Small Employers and Own account workers" ///
- 5 "Lower supervisory and technical occupations" ///
- 6 "Semi-routine occupations" ///
- 7 "Routine occupations"

label values nssec7 nssec7

tab1 nssec7 ssec7

lab var ssec "simplified NS-SEC operational categories"

lab def ssec ///

- 9 "Not classified (students living away or not aged 16 to 74)" ///
- 1 "Employers in large organisations" ///
- 2 "Higher managerial" ///
- 3 "Higher professionals (traditional) - employees" ///
- 4 "Higher professionals (new) - employees" ///
- 5 "Higher professionals (traditional) - self-employed" ///
- 6 "Higher professionals (new) - self-employed" ///
- 7 "Lower professionals and higher technical (traditional) - employees" ///
- 8 "Lower professionals and higher technical (new) - employees" ///
- 9 "Lower professionals and higher technical (traditional) - self-employed" ///
- 10 "Lower professionals and higher technical (new) - self-employed" ///
- 11 "Lower managerial" ///
- 12 "Higher supervisory" ///

13 "Intermediate clerical and administrative" ///
 14 "Intermediate sales and service" ///
 15 "Intermediate technical and auxiliary" ///
 16 "Intermediate engineering" ///
 17 "Employers in small organisations (non-professional)" ///
 18 "Employers in small organisations (agriculture)" ///
 19 "Own account workers (non-professional)" ///
 20 "Own account workers (agriculture)" ///
 21 "Lower supervisory" ///
 22 "Lower technical aircraft" ///
 23 "Lower technical process operative" ///
 24 "Semi-routine sales" ///
 25 "Semi-routine service" ///
 26 "Semi-routine technical" ///
 27 "Semi-routine operative" ///
 28 "Semi-routine agriculture" ///
 29 "Semi-routine clerical" ///
 30 "Semi-routine childcare" ///
 31 "Routine sales and service" ///
 32 "Routine production" ///
 33 "Routine technical" ///
 34 "Routine operative" ///
 35 "Routine agricultural" ///
 36 "Never worked" ///
 37 "Long-term unemployed" ///
 38 "Full time students" ///
 39 "Not known for reason other than student" ///
 40 "Not known for other reason"

label values ssec ssec

lab var nssec "Full method NS-SEC operational categories"

lab def nssec ///

-9 "Not classified (students living away or not aged 16 to 74)" ///
 1 "Employers in large organisations" ///
 2 "Higher managerial" ///
 3.1 "Higher professionals (traditional) - employees" ///
 3.2 "Higher professionals (new) - employees" ///
 3.3 "Higher professionals (traditional) - self-employed" ///
 3.4 "Higher professionals (new) - self-employed" ///
 4.1 "Lower professionals and higher technical (traditional) - employees" ///
 4.2 "Lower professionals and higher technical (new) - employees" ///
 4.3 "Lower professionals and higher technical (traditional) - self-employed" ///
 4.4 "Lower professionals and higher technical (new) - self-employed" ///

- 5 "Lower managerial" ///
- 6 "Higher supervisory" ///
- 7.1 "Intermediate clerical and administrative" ///
- 7.2 "Intermediate sales and service" ///
- 7.3 "Intermediate technical and auxiliary" ///
- 7.4 "Intermediate engineering" ///
- 8.1 "Employers in small organisations (non-professional)" ///
- 8.2 "Employers in small organisations (agriculture)" ///
- 9.1 "Own account workers (non-professional)" ///
- 9.2 "Own account workers (agriculture)" ///
- 10 "Lower supervisory" ///
- 11.1 "Lower technical craft" ///
- 11.2 "Lower technical process operative" ///
- 12.1 "Semi-routine sales" ///
- 12.2 "Semi-routine service" ///
- 12.3 "Semi-routine technical" ///
- 12.4 "Semi-routine operative" ///
- 12.5 "Semi-routine agriculture" ///
- 12.6 "Semi-routine clerical" ///
- 12.7 "Semi-routine childcare" ///
- 13.1 "Routine sales and service" ///
- 13.2 "Routine production" ///
- 13.3 "Routine technical" ///
- 13.4 "Routine operative" ///
- 13.5 "Routine agricultural" ///
- 14.1 "Never worked" ///
- 14.2 "Long-term unemployed" ///
- 15 "Full time students" ///
- 16 "Not known for reason other than student" ///
- 17 "Not known for other reason"

label values nssec nssec

log close