```stata
1   // Start with clean slate
2   cls
3
4   * ------------------------------------------------
5   * Name: Prabodh GEDAM
6   * Project: PLFS 2023 for code sample
7   * 2025-02-05, ver. 01
8   * Dataset: PLFS 2023 (Jan 2023 - Dec 2023)
9   * Descriptive Statistics
10  * filename -- pgedam27-code-sample-plfs-2023-work.do
11  * ------------------------------------------------
12
13  * ------------------------------------------------
14  * INDEX
15  *
16  * Line 61
17  *    Eduactional attainment by Gender
18  *        - using Descriptive table
19  *        - using graph visualization
20  * Line 106
21  *    Educational attainment by Gender, comparison across select States
22  *        - using Loop method for generating descriptive tables
23  *        - using Loop method for generating graph visualization
24  * Line 133
25  *    Impact of select independent variable on Employment (dependent
     variable)
26  *        - recoding variables for proper analysis
27  *        - Probit model utilization for binary variable Employment
28  *        - examining interaction effect
29  * Line 180
30  *    Impact of various factors on Earnings
31  *        - 6 regression models testing various situations
32  * Line 250
33  *    Appendix
34  *        - Data Cleaning code
35  * ------------------------------------------------
36
37  * ------------------------------------------------
38  * PROGRAM SETUP
39  * Stata/MP 14.0 (32-bit)
40  * Windows 10 in Virtual Machine
41  * Host: Fedora Linux Workstation 41
42  * Host: GNOME Boxes
43
44  // Line size limit to make output more readable
45  set linesize 80
46
47  // Setting up Directory
48  cd "C:\Users\pgeda\Documents\stata-appdata"
49
50  // Starting Log File
51  log using "C:\Users\pgeda\Documents\stata-appdata\plfs23-temp_work.smcl",
     append
52
53  // Importing dataset PLFS 2023 (Jan 2023 - Dec 2023)
54  use "C:\Users\pgeda\Documents\stata-appdata\plfs-2023-23.dta", clear
55  * ------------------------------------------------
56
57
58
59
```

```stata
60
61    * ========= Education Status by Gender (Sex) =========
62
63    // Observing B4Q8 (General Education Level). it has 13 categories.
64    // this makes anlysis cumbersome to handle.
65    label list     b4q8_label
66
67    // Generating new variable by combining similar categories of B4Q8
68    generate    educat = .                              // null "." is
      default
69    replace      educat = 1 if inlist(b4q8, 1, 2, 3, 4, 5)
70    replace      educat = 2 if inlist(b4q8, 6, 7)
71    replace      educat = 3 if inlist(b4q8, 8, 10)
72    replace      educat = 4 if inlist(b4q8, 11, 12, 13)
73
74    label variable     educat       "Education Level (recategorized)"
75    label define       educat_label   1 "Illiterate & Below Primary" ///
76          2 "Primary & Middle School" 3 "Secondary & Higher School" ///
77          4 "Higher Education"
78    label values       educat       educat_label
79
80
81    // Observing level of education trends across sex
82    tabulate    educat  b4q5,   row column
83
84
85    // Plotting a bar graph for comparison
86    graph hbar,          /// hbar plots the bars horizontally
87        over(b4q5)        /// b4q5(:Sex) is plotted first
88        over(educat)  /// educat(: Education Level) is larger category
89        asyvars        /// treats first over() as yvars. splits education
      per sex
90        nofill            /// removes category if has no value
91        blabel(bar, format(%9.1g) gap(1.2) color(black)) ///
92        title("Educational Attainment as per Sex")
93        /*stack        // this stacks the bars in single line */
94
95
96    /* ~~~~~~~~~~~ attempted vertical bars. Not clean. ~~~~~~~~~~~
97    graph bar,          ///
98       over(educat)    ///
99       over(b4q5)      ///
100      asyvars         ///
101      nofill          ///
102      blabel(bar, format(%9.1g) gap(1.2)) //
103   ~~~~~~~~~~~ */
104
105
106   * ========= Education Status by State (Sex) =========
107   codebook state_ut1
108   label list state_ut_label
109
110   // Maharastra (27) in comparison to nearby states Madhya Pradesh (23),
111   //                    Karnataka (29), and Gujarat (24)
112   foreach s in 27 23 29 24 {
113      di "State: `s'"
114      tabulate educat b4q5 if state_ut1 == `s', row column
115   }
116
117
118   // Graphical visualization of the same in 4 separate graphs
```

```stata
119   foreach s in 27 23 29 24 {
120       di "State: `s'"
121       graph hbar (percent) if state_ut1 == `s',    ///
122       over(b4q5) over(educat)                      ///
123       asyvars                                      ///
124       blabel(bar, format(%9.1g) gap(1.2) color(black))    ///
125       title("Education Level by Gender - State `s'")      ///
126       ytitle("Percentage")                         ///
127       name(state_`s', replace)       // every graph needs unique title to
      keep each graph window open
128   }
129
130
131
132
133   * ========== Impact of Education, Sex, Marital Status, Sector on
      Employment ==========
134
135   // generating new variable `EMP_STATUS` based on variable B6Q5 (Current
      Weekly Status)
136   // B6Q5 has 21 categories that can be combined into new variable
137
138   label list b6q5_label       // observing variable and categories
139
140
141   generate byte   emp_status = .
142   replace         emp_status = 0 if inlist(b6q5, 61, 62, 71, 72, 81, 82, 91
      , 98, 94, 95)  // Unemployed
143   replace         emp_status = 1 if inlist(b6q5, 11, 12, 21, 31, 41, 42, 51
      , 92, 93, 97)  // Employed
144
145   label variable  emp_status          "Employment Status"
146   label define    emp_status_label    0 "Unemployed"  1 "Employed"
147   label values    emp_status          emp_status_label
148
149   // generating new variable 'TRAINING' based on variable `B4Q12`
150   // 'B4Q12' has 6 categories which can be combined meaningfully
151
152   label list      b4q12_label
153
154   generate byte   training    = .
155   replace         training    = 1 if inlist(b4q12, 1, 2, 3, 4, 5)     // Yes
156   replace         training    = 2 if inlist(b4q12, 6)                 // No
157
158   label variable  training            "Training Received or Not"
159   label define    training_label      1 "Yes" 2 "No"
160   label values    training            training_label
161
162
163   // Dependent `EMP_STATUS` is binary variable.
164   // Independent `EDUCAT` (education level), `B4Q5` (gender), B4Q7 (Sex),
165   //      and `TRAINING` (training received or not) are all categorical
      variables
166   // hence we use Probit model to determine the effect of independent
      variables
167   probit  emp_status  educat  b4q5    b4q7     training, robust
168
169   margins, dydx(*)                // exploring marginal effects per variable
170
171
172   // training might have some interaction with level of education on
```

```stata
        employement
173  //     adding interaction term `C.EDUCAT#C.TRAINING`
174  probit emp_status educat b4q5 b4q7 training c.educat#c.training, robust
175
176
177
178
179
180  * ========== Impact of various factors on Earnings ==========
181
182  // Model 1
183  regress b6q9    educat  training    b4q5    b4q6    b4q7, robust
184
185
186  // Model 2
187  // Incorporating non-linear effect on B4Q6 (Age)
188  gen age2 = b4q6^2
189
190
191  // Model 3
192  // Incorporating interaction effect between educational level & training
     received
193  gen educat_training = educat * training
194
195
196  // Model 4
197  regress b6q9 educat training b4q5 b4q6 age2 b4q7 educat_training, robust
198  /* ~~~~~~~~~~
199     b6q9: Earnings;        educat: level of education;
200     training: Yes or No;
201     b4q5: Sex (1:male, 2:female, 3:transgender)
202     b4q6: age;            b4q7: Marital status
203  ~~~~~~~~~~ */
204
205
206  // Model 5
207  regress b6q9 b4q10 b4q5 b4q6 age2 b4q7, robust
208  /* ~~~~~~~~~~
209     b6q9: Earnings;        b4q10: No of Years in Formal Education;
210     b4q5: Sex (1:male, 2:female, 3:transgender)
211     b4q6: age;            b4q7: Marital status
212  ~~~~~~~~~~ */
213
214  // Model 6 - Incorporating Fixed Effects by States
215  regress b6q9 b4q10 b4q5 b4q6 age2 b4q7 i.state_ut1, robust
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
```

```stata
232
233
234
235
236
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238
239
240
241
242
243
244
245
246
247
248
249
250    * ========= Appendix - Data Cleaning =========
251
252
253    * -----------------------------------------------
254    * Name: Prabodh GEDAM
255    * Project: PLFS 2023 for code sample
256    * 2025-02-03, ver. 01
257    * Dataset: PLFS 2023 (Jan 2023 - Dec 2023)
258    * Data cleaning
259    * plfs-2023-datacleaning.do
260    * Initial Variables 140
261    * Final Variables 55
262    * -----------------------------------------------
263
264
265    * -----------------------------------------------
266    * PROGRAM SETUP
267    * Stata/MP 14.0 (32-bit)
268    * Windows 10 in Virtual Machine
269    * Host: Fedora Linux Workstation 41
270    * Host: GNOME Boxes
271
272    // Start with clean slate
273    cls
274
275    // Setting up Directory
276    cd "C:\Users\pgeda\Documents\stata-appdata"
277
278    // Starting Log File
279    log using
       "C:\Users\pgeda\Documents\stata-appdata\plfs23-datacleaning.smcl"
280
281    // Importing dataset PLFS 2023 (Jan 2023 - Dec 2023)
282    use "C:\Users\pgeda\Documents\stata-appdata\plfs-2023-23.dta", clear
283    * -----------------------------------------------
284
285
286    // Browsing dataset
287    browse                     // lot of variables with string-type values
288
289    // Browsing available labels
290    label   list
291
```

```
292
293     * -----------------------------------------------
294     * NOTES ON FIRST OBSERVATION
295     * almost all variables and their observations are coded as string type
        by Stata
296     * during import.
297     * out of 140 variables, many variables has nature of "microdata" and are
298     * not required for my personal purpose.
299     * the export procedure faced issues and the labele values were not
300     * exported/imported for almost all variables.
301     * the associated data dictionary has detailed information about label
        values.
302     * the data disctionary is not exportable into csv or any other format.
303     * only option is to create lable values.
304     * -----------------------------------------------
305
306
307     * ========== Reworking variable PANEL_CPERV1 (Panel) ==========
308     describe    panel_cperv1
309     tab         panel_cperv1
310
311     // Converting PANEL_CPERV1 from String to byte, by GENERATING clone
        variable
312     gen byte    panel_num = .                    // null (.) default
313     replace     panel_num = 1   if panel_cperv1 == "P3"
314     replace     panel_num = 2   if panel_cperv1 == "P4"
315
316     label variable  panel_num "Survey Panel"    // Labeling variable
317     label define    panel_label 1 "P3" 2 "P4"   // Defining value label
318     label values    panel_num panel_label       // applying value label
319
320     tabulate    panel_cperv1    panel_num        // Cross-examining data
        integrity
321     codebook    panel_num
322     drop        panel_cperv1
323
324     // Dropping variables (FI_cperv1 :File Identification) (B1q2_cperv1
        :Schedule)
325     drop    FI_cperv1 B1q2_cperv1
326
327
328     * ========== Reworking variable QTR_CPERV1 (Quarter) ==========
329     // Converting from String to byte first, by GENERATING clone
330     gen byte    qtr = .     // null (.) default
331     replace     qtr = 1     if qtr_cperv1 == "Q1"
332     replace     qtr = 2     if qtr_cperv1 == "Q2"
333     replace     qtr = 7     if qtr_cperv1 == "Q7"
334     replace     qtr = 8     if qtr_cperv1 == "Q8"
335
336     label variable      qtr             "Quarter"
337     label define        qtr_label   1 "Q1" 2 "Q2" 7 "Q7" 8 "Q8"
338     label values        qtr         qtr_label
339
340     tab     qtr_cperv1  qtr     // Cross-examining data integrity
341     drop    qtr_cperv1          // Dropped String QTR_CPERV1
342
343
344     * ========== Reworking variable VISIT_CPERV1 (Visit) ==========
345     codebook    visit_cperv1
346
347     gen byte    visit = .
```

```stata
348    replace      visit = 1    if visit_cperv1 == "V1"
349
350    label variable  visit              "Visit"
351    label define    visit_label    1 "V1"
352    label values    visit              visit_label
353
354    tab     visit_cperv1    visit
355    drop    visit_cperv1
356
357
358    * ========== Reworking variable B1Q3_CPERV1 (Sector: Rural & Urban)
       ==========
359    codebook b1q3_cperv1
360
361    /* ~~~~~~~~~~ Commented Out Code-block ~~~~~~~~~~
362    encode      b1q3_cperv1,    gen(sector)      // generated 'long' type data.
363    drop        sector
364    ~~~~~~~~~~ */
365
366    gen byte    sector = .
367    replace     sector = 1     if b1q3_cperv1 == "1"
368    replace     sector = 2     if b1q3_cperv1 == "2"
369
370    label variable  sector            "Sector"
371    label define    sector_label    1 "Rural" 2 "Urban"
372    label values    sector            sector_label
373
374    tab b1q3_cperv1 sector
375    drop b1q3_cperv1
376
377
378    * ========== Reworking variable STATE_CPERV1 (State/UT Codes) ==========
379    codebook    state_cperv1
380
381    /* ~~~~~~~~~~ Commented Out Code-block ~~~~~~~~~~
382    // Encoding the String variables into a Numberic variable
383    encode  state_cperv1,   gen(state_ut1)
384
385    // Recasting the new variable into byte
386    recast  byte    state_ut1
387
388    // ========== ERROR NOTES ==========
389    // This method is messing up everything. STATE_CPERV1 does NOT have
       VALUE`==26`
390    // ENCODE command is shifting all values from 27 onwards onto 26 and
       ahead.
391    // better to use DESTRING
392    ~~~~~~~~~~ */
393
394    destring    state_cperv1,   generate(state_ut1) force
395
396    label variabl   state_ut1       "State and UT Code"
397    label define    state_ut_label      1 "Jammu & Kashmir" 2 "Himachal
       Pradesh" ///
398        3 "Punjab"      4 "Chandigarh"  5 "Uttarakhand"     6 "Haryana" ///
399        7 "Delhi"       8 "Rajasthan"   9 "Uttar Pradesh"   10 "Bihar" ///
400        11 "Sikkim"     12 "Arunachal Pradesh"              13 "Nagaland" ///
401        14 "Manipur"    15 "Mizoram"    16 "Tripura"        17 "Meghalaya" ///
402        18 "Assam"      19 "West Bengal" 20 "Jharkhand"     21 "Odisha" ///
403        22 "Chhattisgarh"                23 "Madhya Pradesh" 24 "Gujarat" ///
404        25 "D & N. Haveli & Daman & Diu" 26 "none"          27 "Maharashtra"
```

```stata
      ///
405      28 "Andhra Pradesh"                29 "Karnaaka"      30 "Goa" ///
406      31 "Lakshadweep" 32 "Kerala"       33 "Tamilnadu"     34 "Puduchery" ///
407      35 "Andaman & N. Island"           36 "Telangana"     37 "Ladakh"
408   label values    state_ut        state_ut_label
409
410   tabulate    state_cperv1    state_ut
411   drop        state_cperv1
412
413
414   * ========== Reworking multiple variable ==========
415   // Destring into Numeric varialbes
416   destring    distcode_cperv1,    gen(distcode) force
417   destring    nss_region_cperv1,  gen(nss_region) force
418
419   destring    b1q5_cperv1,        gen(stratum) force
420   destring    b1q6_cperv1,        gen(substratum) force
421   destring    b1q11_cperv1,       gen(subsample) force
422   destring    b1q12_cperv1,       gen(fod_subregion) force
423   destring    b1q1_cperv1,        gen(fsu) force
424   destring    b1q13_cperv1,       gen(sample_sgsb) force
425   destring    b1q14_cperv1,       gen(st2stratum) force
426   destring    b1q15_cperv1,       gen(sample_hhid) force
427
428   // Dropping unusable String variables
429   drop    distcode_cperv1     nss_region_cperv1   b1q5_cperv1
      b1q6_cperv1 ///
430         b1q11_cperv1        b1q12_cperv1        b1q1_cperv1
      b1q13_cperv1 ///
431         b1q14_cperv1        b1q15_cperv1
432
433
434   * ========== Reworking variable B4PT1Q3_CPERV1 ==========
435   *      (Whether Training complete during last 365 Days)
436   codebook        b4pt1q3_cperv1
437
438   destring        b4pt1q3_cperv1,    gen(b4pt1q3) force
439
440   label define    b4pt1q3_label       1 "Yes" 2 "No"
441   label values    b4pt1q3             b4pt1q3_label
442
443   tabulate        b4pt1q3_cperv1     b4pt1q3
444   codebook        b4pt1q3
445   drop            b4pt1q3_cperv1
446
447
448   * ========== Reworking variable B4Q1_CPERV1 (Person Serial No.) ==========
449   codebook        b4q1_cperv1
450   destring        b4q1_cperv1,       gen(b4q1) force
451   drop            b4q1_cperv1
452
453
454   * ========== Reworking variable B4Q4_CPERV1 (Relationship to Head)
      ==========
455   codebook        b4q4_cperv1
456   destring        b4q4_cperv1,       gen(b4q4) force
457
458   label define    b4q4_label  1 "self"   2 "spouse of head" ///
459      3 "married child"       4 "spouse of married child" ///
460      5 "unmarried child"     6 "grandchild" ///
461      7 "father/mother/father-in-law/mother-in-law" ///
```

```
462         8 "brother/sister/brother-in-law/ sister-in-law/other relatives" ///
463         9 "servants/employees/other non-relatives"
464   label values      b4q4          b4q4_label
465
466   tabulate    b4q4_cperv1 b4q4
467   drop        b4q4_cperv1
468
469
470   * ========== Reworking variable B4Q5_CPERV1 (Sex) ==========
471   codebook        b4q5_cperv1
472   destring        b4q5_cperv1,        gen(b4q5) force
473
474   label define    b4q5_label  1 "Male" 2 "Female" 3 "Transgender"
475   label values      b4q5          b4q5_label
476
477   tabulate    b4q5_cperv1 b4q5
478   drop        b4q5_cperv1
479
480
481   * ========== Reworking variable B4Q6_CPERV1 (Age) ==========
482   codebook        b4q6_perv1
483   destring        b4q6_perv1,      gen(b4q6) force
484   drop        b4q6_perv1
485
486
487   * ========== Reworking variable B4Q7_CPERV1 (Marital Status) ==========
488   codebook        b4q7_cperv1
489   destring        b4q7_cperv1,        gen(b4q7) force
490
491   label define    b4q7_label  1 "Never Married" 2 "Currently Married" ///
492                               3 "Widowed" 4 "Divorced/Separated"
493   label values      b4q7          b4q7_label
494
495   tabulate    b4q7_cperv1 b4q7
496   drop        b4q7_cperv1
497
498
499   * ========== Reworking variable B4Q8_CPERV1 (General Education Level)
      ==========
500   codebook        b4q8_cperv1
501   destring        b4q8_cperv1,        gen(b4q8) force
502
503   label define    b4q8_label  1 "Not Literate" ///
504       2 "Literate without formal schooling (EGS/NFEC/AEC)" ///
505       3 "Literate without formal schooling (TLC)" 4 "Others" ///
506       5 "Below Primary" 6 "Primary" 7 "Middle" 8 "Secondary" ///
507       10 "Higher Secondary" 11 "Diploma/Certificate Course" ///
508       12 "Graduate" 13 "Postgraduate and above"
509   label values      b4q8          b4q8_label
510
511   tabulate    b4q8_cperv1 b4q8
512   drop        b4q8_cperv1
513
514
515   * ========= Reworking variable B4Q9_CPERV1 (Technical Education Level)
      ==========
516   codebook        b4q9_cperv1
517   destring        b4q9_cperv1,        gen(b4q9) force
518
519   label define    b4q9_label  1 "no technical education" ///
520       2 "technical degree in agriculture" ///
```

```
521         3 "technical degree in engineering/technology" ///
522         4 "technical degree in medicine" ///
523         5 "technical degree in crafts" ///
524         6 "technical degree in other subjects" ///
525         7 "diploma or certificate (below graduate level) in agriculture" ///
526         8 "diploma or certificate (below graduate level) in
      engineering/technology" ///
527         9 "diploma or certificate (below graduate level) in medicine" ///
528        10 "diploma or certificate (below graduate level) in crafts" ///
529        11 "diploma or certificate (below graduate level) in other subjects"
      ///
530        12 "diploma or certificate (graduate and above level) in agriculture"
       ///
531        13 "diploma or certificate (graduate and above level) in
      engineering/technology" ///
532        14 "diploma or certificate (graduate and above level) in medicine"
      ///
533        15 "diploma or certificate (graduate and above level) in crafts" ///
534        16 "diploma or certificate (graduate and above level) in other
      subjects"
535   label values     b4q9          b4q9_label
536
537   tabulate     b4q9_cperv1 b4q9
538   drop         b4q9_cperv1
539
540
541   * ========== Reworking variable B4Q10_CPERV1 ==========
542   *                  (No. of years in formal education)
543   codebook     b4q10_cperv1
544   rename       b4q10_cperv1     b4q10
545
546
547   * ========== Reworking variable B4Q11_CPERV1 ==========
548   * (Status of Current Attendance in Educational Institution)
549   codebook         b4q11_cperv1
550   destring         b4q11_cperv1,   gen(b4q11) force
551
552   label define     b4q11_label ///
553       1 "currently not attending, never attended: school too far" ///
554       2 "currently not attending, never attended: to supplement household
      income" ///
555       3 "currently not attending, never attended: education not considered
      necessary" ///
556       4 "currently not attending, never attended: to attend domestic
      chores" ///
557       5 "currently not attending, never attended: others" ///
558      11 "ever attended but currently not attending: school too far" ///
559      12 "ever attended but currently not attending: to supplement
      household income" ///
560      13 "ever attended but currently not attending: education not
      considered necessary" ///
561      14 "ever attended but currently not attending: to attend domestic
      chores" ///
562      15 "ever attended but currently not attending: others" ///
563      21 "currently attending in: EGS/NFEC/AEC" ///
564      22 "currently attending in: TLC" ///
565      23 "currently attending in: pre-primary (nursery/Kindergarten, etc.)"
       ///
566      24 "currently attending in: primary (class I to IV/V)" ///
567      25 "currently attending in: middle" ///
568      26 "currently attending in: secondary" ///
```

```
569        27 "currently attending in: higher secondary" ///
570        28 "graduate in: agriculture" ///
571        29 "graduate in: engineering/technology" ///
572        30 "graduate in: medicine" ///
573        31 "graduate in: other subjects" ///
574        32 "graduate in: post graduate and above" ///
575        33 "diploma or certificate (below graduate level) in: agriculture"
      ///
576        34 "diploma or certificate (below graduate level) in:
      engineering/technology" ///
577        35 "diploma or certificate (below graduate level) in: medicine" ///
578        36 "diploma or certificate (below graduate level) in: crafts" ///
579        37 "diploma or certificate (below graduate level) in: other subjects"
       ///
580        38 "diploma or certificate (graduate level) in: agriculture" ///
581        39 "diploma or certificate (graduate level) in:
      engineering/technology" ///
582        40 "diploma or certificate (graduate level) in: medicine" ///
583        41 "diploma or certificate (graduate level) in:crafts" ///
584        42 "diploma or certificate (graduate level) in: other subjects" ///
585        43 "diploma or certificate in post graduate and above level-"
586    label values    b4q11        b4q11_label
587
588    tabulate    b4q11_cperv1    b4q11
589    drop        b4q11_cperv1
590
591
592    * ========== Reworking variable B4Q12_CPERV1 ==========
593    *    (Whether received any Vocational/Technical Training)
594    codebook    b4q12_cperv1
595    destring    b4q12_cperv1,    gen(b4q12) force
596
597    label define    b4q12_label 1 "yes: received formal vocational/technical
      training" ///
598        2 "received vocational/technical training other than formal
      vocational/technical training hereditary" ///
599        3 "received vocational/technical training other than formal
      vocational/technical training self-learning" ///
600        4 "received vocational/technical training other than formal
      vocational/technical training learning on the job" ///
601        5 "received vocational/technical training other than formal
      vocational/technical trainingothers" ///
602        6 "did not receive any vocational/technical training"
603    label values    b4q12        b4q12_label
604
605    tabulate    b4q12_cperv1    b4q12
606    drop        b4q12_cperv1
607
608
609    * ========== Reworking variable B4PT1Q4_CPERV1 (Field of Training)
      ==========
610    codebook    b4pt1q4_cperv1
611    destring    b4q12_cperv1,    gen(b4q12) force
612
613    label define    b4q12_label 1 "yes: received formal vocational/technical
      training" ///
614        2 "received vocational/technical training other than formal
      vocational/technical training hereditary" ///
615        3 "received vocational/technical training other than formal
      vocational/technical training self-learning" ///
616        4 "received vocational/technical training other than formal
```

```
        vocational/technical training learning on the job" ///
617       5 "received vocational/technical training other than formal
        vocational/technical trainingothers" ///
618       6 "did not receive any vocational/technical training"
619 label values    b4q12        b4q12_label
620
621 tabulate    b4q12_cperv1    b4q12
622 drop        b4q12_cperv1
623
624
625 * ========= Dropping multiple unrequired variable =========
626 drop    nss_region                   /// NSS-region
627        b1q5                          /// Stratum
628        b1q6                          /// Sub-stratum
629        b1q11                         /// Sub-sample
630        b1q12                         /// Fod Sub-region
631        b1q1                          /// FSU
632        b1q13                         /// Sample Sg/Sb No.
633        b1q14                         /// Second State Stratum No
634        visit                         /// Visit
635        no_qtr_cperv1                 /// Occurance of FSUs in State *
        Sector * Stratum * SubStratum in 4 Quarters
636        mult_cperv1                   /// Subsample wise Multiplier
637        nsc_cperv1                    /// Ns count for sector * stratum *
        substratum
638        nss_cperv1                    /// Ns count for sector * stratum *
        substratum * sub-sample
639        b5pt2q13                  ///
640        b6q4_3pt1_cperv1          ///
641        b6q4_3pt2_cperv1          ///
642        b6q4_3pt3_cperv1          ///
643        b6q4_3pt4_cperv1          ///
644        b6q4_3pt5_cperv1          ///
645        b6q4_3pt6_cperv1          ///
646        b6q4_3pt7_cperv1          ///
647        b6q4_act2_3pt1_cperv1     ///
648        b6q4_act2_3pt2_cperv1     ///
649        b6q4_act2_3pt3_cperv1     ///
650        b6q4_act2_3pt4_cperv1     ///
651        b6q4_act2_3pt5_cperv1     ///
652        b6q4_act2_3pt6_cperv1     ///
653        b6q4_act2_3pt7_cperv1     ///
654        b6q5_3pt1_cperv1          ///
655        b6q5_3pt2_cperv1          ///
656        b6q5_3pt3_cperv1          ///
657        b6q5_3pt4_cperv1          ///
658        b6q5_3pt5_cperv1          ///
659        b6q5_3pt6_cperv1          ///
660        b6q5_3pt7_cperv1          ///
661        b6q5_act2_3pt1_cperv1     ///
662        b6q5_act2_3pt2_cperv1     ///
663        b6q5_act2_3pt3_cperv1     ///
664        b6q5_act2_3pt4_cperv1     ///
665        b6q5_act2_3pt5_cperv1     ///
666        b6q5_act2_3pt6_cperv1     ///
667        b6q5_act2_3pt7_cperv1     ///
668        b6q6_3pt1_cperv1          ///
669        b6q6_3pt2_cperv1          ///
670        b6q6_3pt3_cperv1          ///
671        b6q6_3pt4_cperv1          ///
672        b6q6_3pt5_cperv1          ///
```

```
673            b6q6_3pt6_cperv1             ///
674            b6q6_3pt7_cperv1             ///
675            b6q6_act2_3pt1_cperv1        ///
676            b6q6_act2_3pt2_cperv1        ///
677            b6q6_act2_3pt3_cperv1        ///
678            b6q6_act2_3pt4_cperv1        ///
679            b6q6_act2_3pt5_cperv1        ///
680            b6q6_act2_3pt6_cperv1        ///
681            b6q6_act2_3pt7_cperv1        ///
682            b6q7_3pt2_cperv1             ///
683            b6q7_3pt3_cperv1             ///
684            b6q7_3pt4_cperv1             ///
685            b6q7_3pt5_cperv1             ///
686            b6q7_3pt6_cperv1             ///
687            b6q7_act2_3pt1_cperv1        ///
688            b6q7_act2_3pt7_cperv1        ///
689            b6q8_3pt1_cperv1             ///
690            b6q8_3pt2_cperv1             ///
691            b6q8_3pt3_cperv1             ///
692            b6q8_3pt4_cperv1             ///
693            b6q8_3pt5_cperv1             ///
694            b6q8_3pt6_cperv1             ///
695            b6q8_act2_3pt7_cperv1        ///
696            b6q9_3pt1_cperv1             ///
697            b6q9_3pt2_cperv1             ///
698            b6q9_3pt3_cperv1             ///
699            b6q9_3pt4_cperv1             ///
700            b6q9_3pt5_cperv1             ///
701            b6q9_3pt6_cperv1             ///
702            b6q9_3pt7_cperv1             ///
703            b6q9_act2_3pt1_cperv1        ///
704            b6q9_act2_3pt2_cperv1        ///
705            b6q9_act2_3pt3_cperv1        ///
706            b6q9_act2_3pt4_cperv1        ///
707            b6q9_act2_3pt5_cperv1        ///
708            b6q9_act2_3pt6_cperv1        ///
709            b6q9_act2_3pt7_cperv1        // Wage earning for activity 2 on
      1st day
710
711
712    * ========= Reqorking B4PT1Q4_CPERV1 (Field of Training) =========
713    codebook    b4pt1q4_cperv1
714    list        b4pt1q4_cperv1       in 1/5      // tried to see value. try
      BROWSE
715    destring    b4pt1q4_cperv1,      gen(b4pt1q4) force
716
717    label define    b4pt1q4_label 1 "aerospace and aviation" ///
718        2 "agriculture, non-crop based agriculture, food processing" ///
719        3 "allied manufacturing- gems and jewellery, leather, rubber,
      furniture and fittings, printing" ///
720        4 "artisan/craftsman/handicraft/creative arts and cottage based
      production" ///
721        5 "automotive"      6 "beauty and wellness" ///
722        7 "chemical engineering, hydrocarbons, chemicals and petrochemicals"
      ///
723        8 "civil engineering- construction, plumbing, paints and coatings" ///
724        9 "electrical, power and electronics"      10 "healthcare and life
      sciences" ///
725        11 "hospitality and tourism" ///
726        12 "iron and steel, mining, earthmoving and infra building" ///
727        13 "IT-ITeS"       14 "logistics" ///
```

```
728        15 "mechanical engineering-capital goods, strategic manufacturing" ///
729        16 "media-journalism, mass communication and entertainment" ///
730        17 "office and business related work" ///
731        18 "security"       19 "telecom"       20 "textiles and handlooms,
     apparels" ///
732        21 "work related to childcare, nutrition, pre-school and crèche" ///
733        99 "other"
734   label values    b4pt1q4     b4pt1q4_label
735
736   tabulate    b4pt1q4_cperv1  b4pt1q4
737   drop        b4pt1q4_cperv1
738
739
740   * ========= Reqorking B4PT1Q5_CPERV1 (Duration of Training) =========
741   codebook    b4pt1q5_cperv1
742   rename      b4pt1q5_cperv1      b4pt1q5
743
744
745   * ========= Reqorking B4PT1Q6_CPERV1 (Type of Training) =========
746   codebook    b4pt1q6_cperv1
747   destring    b4pt1q6_cperv1,     gen(b4pt1q6) force
748
749   label define    b4pt1q6_label       1 "on the job" ///
750        2 "other than on the job: part time" ///
751        3 "other than on the job: full time"
752   label values    b4pt1q6     b4pt1q6_label
753
754   tabulate    b4pt1q6_cperv1  b4pt1q6
755   drop        b4pt1q6_cperv1
756
757
758   * ========= Reqorking B4PT1Q7_CPERV1 (Source of Funding of Training)
     =========
759   codebook    b4pt1q7_cperv1
760   destring    b4pt1q7_cperv1,     gen(b4pt1q7) force
761
762   label define    b4pt1q7_label       1 "Govt"    2 "Own funding" ///
763                                        3 "Other"
764   label values    b4pt1q7     b4pt1q7_label
765
766   tabulate    b4pt1q7_cperv1  b4pt1q7
767   drop        b4pt1q7_cperv1
768
769
770   * ========= Reqorking B5PT1Q3_CPERV1 (Status Code) =========
771   codebook    b5pt1q3_cperv1
772   list        b5pt1q3_cperv1  in 1/5
773   destring    b5pt1q3_cperv1,     gen(b5pt1q3) force
774
775   label variable  b5pt1q3              "Status Code (Principal)"
776   label define    b5pt1q3_label       11 "worked in h.h. enterprise
     (self-employed): own account worker" ///
777        12 "worked in h.h. enterprise (self-employed): employer" ///
778        21 "worked as helper in h.h. enterprise (unpaid family worker)"
     ///
779        31 "worked as regular salaried/ wage employee" ///
780        41 "worked as casual wage labour: in public works" ///
781        51 "in other types of  work" ///
782        81 "did not work but was seeking and/or available for work" ///
783        91 "attended educational institution" ///
784        92 "attended domestic duties only" ///
```

```
785              93 "attended domestic duties and was also engaged in free
     collection of goods (vegetables, roots, firewood, cattle feed, etc.),
     sewing, tailoring, weaving, etc. for household use -" ///
786              94 "rentiers, pensioners , remittance recipients, etc." ///
787              95 "not able to work due to disability" ///
788              97 "others (including begging, prostitution,  etc.)" ///
789              99 ""
790  label values    b5pt1q3      b5pt1q3_label
791
792  tabulate    b5pt1q3_cperv1  b5pt1q3
793  drop        b5pt1q3_cperv1
794
795
796  * ========= Reqorking B5PT1Q5_CPERV1 (Industry Code) =========
797  codebook    b5pt1q5_cperv1
798  destring    b5pt1q5_cperv1,    gen(b5pt1q5) force
799
800  label variable  b5pt1q5        "Industry Code-NIC (Principal)"
801
802  drop        b5pt1q5_cperv1
803
804
805  * ========= Reqorking B5PT1Q6_CPERV1 (Occupation Code) =========
806  codebook    b5pt1q6_cperv1
807  destring    b5pt1q6_cperv1,    gen(b5pt1q6) force
808
809  label variable  b5pt1q6        "Occupation Code-NCO (Principal)"
810
811  drop            b5pt1q6_cperv1
812
813
814  * ========= Reqorking B5PT1Q7_CPERV1 =========
815  *           (Whether engaged in any work in Subsidiary Capacity)
816  codebook    b5pt1q7_cperv1
817  destring    b5pt1q7_cperv1,    gen(b5pt1q7) force
818
819  label define    b5pt1q7_label   1 "Yes" 2 "No"
820  label value     b5pt1q7         b5pt1q7_label
821
822  tabulate        b5pt1q7_cperv1  b5pt1q7
823  drop            b5pt1q7_cperv1
824
825
826  * ========= Reqorking B5PT1Q8_CPERV1 (Location of Workplace Code
     (Principal)) =========
827  codebook    b5pt1q8_cperv1
828  list        b5pt1q8_cperv1      in 1/5
829  destring    b5pt1q8_cperv1,    gen(b5pt1q8) force
830
831  label variable  b5pt1q8     "Location of Workplace Code (Principal)"
832  label define    b5pt1q8_label   10 "workplace in rural areas and located
     in dwelling unit" ///
833          11 "workplace in rural areas and located in structure attached
     to own dwelling unit" ///
834          12 ""   13 "workplace in rural areas and located in detached
     structure adjacent to own dwelling unit" ///
835          14 "workplace in rural areas and located in own
     enterprise/unit/office/shop but away from own dwelling" ///
836          15 "workplace in rural areas and located in employer's dwelling
     unit" ///
837          16 "workplace in rural areas and located in employer's
```

```stata
            enterprise/unit/office/shop but outside employer's dwelling" ///
838            17 "workplace in rural areas and located in street with fixed
        location" ///
839            18 "workplace in rural areas and located in construction site" ///
840            19 "workplace in rural areas and located in others" ///
841            20 ""   21 "workplace in urban areas and located in: dwelling
        unit" ///
842            22 "workplace in urban areas and located in: structure attached
        to own dwelling unit" ///
843            23 "workplace in urban areas and located in: detached structure
        adjacent to own dwelling unit" ///
844            24 "workplace in urban areas and located in: own
        enterprise/unit/office/shop but away from own dwelling" ///
845            25 "workplace in urban areas and located in: employer's dwelling
        unit" ///
846            26 "workplace in urban areas and located in: employer's
        enterprise/unit/office/shop but outside employer's dwelling" ///
847            27 "workplace in urban areas and located in: street with fixed
        location" ///
848            28 "workplace in urban areas and located in: construction site"
        ///
849            29 "workplace in urban areas and located in: others" ///
850            99 "no fixed workplace"
851    label value    b5pt1q8         b5pt1q8_label
852
853    tabulate       b5pt1q8_cperv1  b5pt1q8
854    drop           b5pt1q8_cperv1
855
856
857    * ========== Reqorking B5PT1Q9_CPERV1 (Enterprise Type Code (Principal))
        ==========
858    codebook    b5pt1q9_cperv1
859    destring    b5pt1q9_cperv1,    gen(b5pt1q9) force
860
861    label variable  b5pt1q9        "Enterprise Type Code (Principal)"
862    label define    b5pt1q9_label  1 "proprietary: male"   2 "proprietary:
        female" ///
863            3 "partnership: with members from same household" ///
864            4 "partnership: with members from different household" ///
865            5 "partnership: Government/local body" ///
866            6 "partnership: Public Sector Enterprises" ///
867            7 "partnership: Autonomous Bodies" ///
868            8 "partnership: Public/Private limited company" ///
869            10 "partnership: Co-operative societies" ///
870            11 "partnership: trust/other non-profit institutions" ///
871            12 "partnership: employer's households(i.e., private households
        employing  maid servant, watchman, cook, etc.)" ///
872            19 "partnership: others"
873    label value    b5pt1q9         b5pt1q9_label
874
875    tabulate    b5pt1q9_cperv1      b5pt1q9
876    drop        b5pt1q9_cperv1
877
878
879    * ========== Reqorking B5PT1Q10_CPERV1 ==========
880    *           (No of Wokrers in Enterprise (Principal))
881    codebook    b5pt1q10_cperv1
882    destring    b5pt1q10_cperv1,       gen(b5pt1q10) force
883
884    label variable  b5pt1q10            "No of Workers in Enterprise
        (Principal)"
```

```stata
885    label define    b5pt1q10_label      1 "less than 6" ///
886            2 "6 and above but less than 10" ///
887            3 "10 and above but less than 20" ///
888            4 "20 and abobe"              9 "not known"
889    label value     b5pt1q10                b5pt1q10_label
890
891    tabulate    b5pt1q10_cperv1     b5pt1q10
892    drop        b5pt1q10_cperv1
893
894
895    * ========== Reqorking B5PT1Q11_CPERV1 (Type of Job Contract
       (Principal)) ==========
896    codebook    b5pt1q11_cperv1
897    destring    b5pt1q11_cperv1,        gen(b5pt1q11) force
898
899    label variable  b5pt1q11                "Type of Job Contract (Principal)"
900    label define    b5pt1q11_label      1 "no written  job contract" ///
901            2 "written job contract for 1  year or less" ///
902            3 "written job contract more than 1 year to 3  years" ///
903            4 "written job contract more than 3 years"
904    label value     b5pt1q11                b5pt1q11_label
905
906    tabulate    b5pt1q11_cperv1     b5pt1q11
907    drop        b5pt1q11_cperv1
908
909
910    * ========== Reqorking B5PT1Q12_CPERV1 (Eligible of Paid Leave
       (Principal)) ==========
911    codebook    b5pt1q12_cperv1
912    destring    b5pt1q12_cperv1,        gen(b5pt1q12) force
913
914    label variable  b5pt1q12                "Eligible of Paid Leave (Principal)"
915    label define    b5pt1q12_label      1 "Yes"      2 "No"
916    label value     b5pt1q12                b5pt1q12_label
917
918    tabulate    b5pt1q12_cperv1     b5pt1q12
919    codebook    b5pt1q12
920    drop        b5pt1q12_cperv1
921
922
923    * ========== Reqorking B5PT1Q13_CPERV1 (Social Security Benefits
       (Principal)) ==========
924    codebook    b5pt1q13_cperv1
925    destring    b5pt1q13_cperv1,        gen(b5pt1q13) force
926
927    label variable  b5pt1q13                "Social Security Benefits (Principal)"
928    label define    b5pt1q13_label      1 "only PF/pension (i.e., GPF, CPF,
       PPF, pension, etc.)" ///
929            2 "only gratuity"     3 "only health care &  maternity
       benefits" ///
930            4 "only PF/pension  and gratuity" ///
931            5 "only PF/pension and health care & maternity benefits" ///
932            6 "only gratuity and health care & maternity benefits" ///
933            7 "PF/pension, gratuity, health care  & maternity benefits" ///
934            8 "not  eligible for  any of above social security benefit" ///
935            9 "not known"
936    label value     b5pt1q13                b5pt1q13_label
937
938    tabulate    b5pt1q13_cperv1     b5pt1q13
939    codebook    b5pt1q13
940    drop        b5pt1q13_cperv1
```

```
941
942
943     * ========== Reqorking B5PT1Q14_CPERV1 ==========
944     *          (Usage of product of the economic activity (Principal))
945     codebook    b5pt1q14_cperv1
946     destring    b5pt1q14_cperv1,        gen(b5pt1q14) force
947
948     label variable  b5pt1q14               "Usage of product of the economic
        activity (Principal)"
949     label define    b5pt1q14_label    1 "for own consumption only and did
        not intend to sell any part of it" ///
950             2 "for own consumption and intended to sell some part of it
        (less than 50%)" ///
951             3 "for own consumption and intended to sell major part of it
        (more than or equal 50%)" ///
952             4 "the entire produce is for selling"
953     label value     b5pt1q14               b5pt1q14_label
954
955     tabulate    b5pt1q14_cperv1     b5pt1q14
956     codebook    b5pt1q14
957     drop        b5pt1q14_cperv1
958
959
960     * ========== Reqorking B5PT2Q3_CPERV1 (Status Code) ==========
961     codebook    b5pt2q3_cperv1
962     list        b5pt2q3_cperv1  in 1/5
963     destring    b5pt2q3_cperv1,     gen(b5pt2q3) force
964
965     label variable  b5pt2q3               "Status Code (Subsidiary)"
966     label define    b5pt2q3_label     11 "worked in h.h. enterprise
        (self-employed): own account worker" ///
967             12 "worked in h.h. enterprise (self-employed): employer" ///
968             21 "worked as helper in h.h. enterprise (unpaid family worker)"
        ///
969             31 "worked as regular salaried/ wage employee" ///
970             41 "worked as casual wage labour: in public works" ///
971             51 "in other types of work"
972     label values    b5pt2q3       b5pt2q3_label
973
974     tabulate    b5pt2q3_cperv1  b5pt2q3
975     drop        b5pt2q3_cperv1
976
977
978     * ========== Reqorking B5PT2Q5_CPERV1 (Industry Code) ==========
979     codebook    b5pt2q5_cperv1
980     destring    b5pt2q5_cperv1,     gen(b5pt2q5) force
981
982     label variable  b5pt2q5          "Industry Code-NIC (Subsidiary)"
983
984     drop        b5pt2q5_cperv1
985
986
987     * ========== Reqorking B5PT2Q6_CPERV1 (Occupation Code) ==========
988     codebook    b5pt2q6_cperv1
989     destring    b5pt2q6_cperv1,     gen(b5pt2q6) force
990
991     label variable  b5pt2q6          "Occupation Code-NCO (Subsidiary)"
992
993     drop        b5pt2q6_cperv1
994
995
```

```stata
 996    * ========== Reqorking B5PT2Q7_CPERV1 (Location of Workplace Code
        (Subsidiary)) ==========
 997    codebook    b5pt2q7_cperv1
 998    list        b5pt2q7_cperv1      in 1/5
 999    destring    b5pt2q7_cperv1,     gen(b5pt2q7) force
1000
1001    label variable  b5pt2q7     "Location of Workplace Code (Subsidiary)"
1002    label define    b5pt2q7_label   10 "workplace in rural areas and located
        in dwelling unit" ///
1003            11 "workplace in rural areas and located in structure attached
        to own dwelling unit" ///
1004            12 ""   13 "workplace in rural areas and located in detached
        structure adjacent to own dwelling unit" ///
1005            14 "workplace in rural areas and located in own
        enterprise/unit/office/shop but away from own dwelling" ///
1006            15 "workplace in rural areas and located in employer's dwelling
        unit" ///
1007            16 "workplace in rural areas and located in employer's
        enterprise/unit/office/shop but outside employer's dwelling" ///
1008            17 "workplace in rural areas and located in street with fixed
        location" ///
1009            18 "workplace in rural areas and located in construction site" ///
1010            19 "workplace in rural areas and located in others" ///
1011            20 ""   21 "workplace in urban areas and located in: dwelling
        unit" ///
1012            22 "workplace in urban areas and located in: structure attached
        to own dwelling unit" ///
1013            23 "workplace in urban areas and located in: detached structure
        adjacent to own dwelling unit" ///
1014            24 "workplace in urban areas and located in: own
        enterprise/unit/office/shop but away from own dwelling" ///
1015            25 "workplace in urban areas and located in: employer's dwelling
        unit" ///
1016            26 "workplace in urban areas and located in: employer's
        enterprise/unit/office/shop but outside employer's dwelling" ///
1017            27 "workplace in urban areas and located in: street with fixed
        location" ///
1018            28 "workplace in urban areas and located in: construction site"
        ///
1019            29 "workplace in urban areas and located in: others" ///
1020            99 "no fixed workplace"
1021    label value     b5pt2q7         b5pt2q7_label
1022
1023    tabulate        b5pt2q7_cperv1  b5pt2q7
1024    drop            b5pt2q7_cperv1
1025
1026
1027    * ========== Reqorking B5PT2Q8_CPERV1 (Enterprise Type Code
        (Subsidiary)) ==========
1028    codebook    b5pt2q8_cperv1
1029    destring    b5pt2q8_cperv1,     gen(b5pt2q8) force
1030
1031    label variable  b5pt2q8         "Enterprise Type Code (Subsidiary)"
1032    label define    b5pt2q8_label   1 "proprietary: male"   2 "proprietary:
        female" ///
1033            3 "partnership: with members from same household" ///
1034            4 "partnership: with members from different household" ///
1035            5 "partnership: Government/local body" ///
1036            6 "partnership: Public Sector Enterprises" ///
1037            7 "partnership: Autonomous Bodies" ///
1038            8 "partnership: Public/Private limited company" ///
```

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1039            10 "partnership: Co-operative societies" ///
1040            11 "partnership: trust/other non-profit institutions" ///
1041            12 "partnership: employer's households(i.e., private households
       employing  maid servant, watchman, cook, etc.)" ///
1042            19 "partnership: others"
1043    label value     b5pt2q8         b5pt2q8_label
1044
1045    tabulate    b5pt2q8_cperv1      b5pt2q8
1046    drop        b5pt2q8_cperv1
1047
1048
1049    * ========== Reqorking B5PT2Q9_CPERV1 ==========
1050    *           (No of Wokrers in Enterprise (Subsidiary))
1051    codebook    b5pt2q9_cperv1
1052    rename      b5pt2q9_cperv1      b5pt2q9
1053
1054    label variable  b5pt2q9         "No of Workers in Enterprise (Subsidiary)"
1055
1056
1057    * ========== Reqorking B5PT2Q10_CPERV1 (Type of Job Contract
       (Subsidiary)) ==========
1058    codebook    b5pt2q10_cperv1
1059    destring    b5pt2q10_cperv1,        gen(b5pt2q10) force
1060
1061    label variable  b5pt2q10            "Type of Job Contract (Subsidiary)"
1062    label define    b5pt2q10_label      1 "no written  job contract" ///
1063            2 "written job contract for 1 year or less" ///
1064            3 "written job contract more than 1 year to 3  years" ///
1065            4 "written job contract more than 3 years"
1066    label value     b5pt2q10            b5pt2q10_label
1067
1068    tabulate    b5pt2q10_cperv1     b5pt2q10
1069    drop        b5pt2q10_cperv1
1070
1071
1072    * ========== Reqorking B5PT2Q11_CPERV1 (Eligible of Paid Leave
       (Subsidiary)) ==========
1073    codebook    b5pt2q11_cperv1
1074    destring    b5pt2q11_cperv1,        gen(b5pt2q11) force
1075
1076    label variable  b5pt2q11            "Eligible of Paid Leave (Subsidiary)"
1077    label define    b5pt2q11_label      1 "Yes"     2 "No"
1078    label value     b5pt2q11            b5pt2q11_label
1079
1080    tabulate    b5pt2q11_cperv1     b5pt2q11
1081    drop        b5pt2q11_cperv1
1082
1083
1084    * ========== Reqorking B5PT2Q12_CPERV1 (Social Security Benefits
       (Subsidiary)) ==========
1085    codebook    b5pt2q12_cperv1
1086    destring    b5pt2q12_cperv1,        gen(b5pt2q12) force
1087
1088    label variable  b5pt2q12            "Social Security Benefits
       (Subsidiary)"
1089    label define    b5pt2q12_label      1 "only PF/pension (i.e., GPF, CPF,
       PPF, pension, etc.)" ///
1090            2 "only gratuity"     3 "only health care &  maternity
       benefits" ///
1091            4 "only PF/pension  and gratuity" ///
1092            5 "only PF/pension and health care & maternity benefits" ///
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1093             6 "only gratuity and health care & maternity benefits" ///
1094             7 "PF/pension, gratuity, health care  & maternity benefits" ///
1095             8 "not  eligible for  any of above social security benefit" ///
1096             9 "not known"
1097     label value     b5pt2q12                b5pt2q12_label
1098
1099     tabulate    b5pt2q12_cperv1     b5pt2q12
1100     drop        b5pt2q12_cperv1
1101
1102
1103     * ========== Reqorking B5PT2Q13_CPERV1 ==========
1104     *          (Usage of product of the economic activity (Subsidiary))
1105     codebook    b5pt2q13_cperv1
1106     destring    b5pt2q13_cperv1,        gen(b5pt2q13) force
1107
1108     label variable  b5pt2q13                "Usage of product of the economic
         activity (Principal)"
1109     label define    b5pt2q13_label     1 "for own consumption only and did
         not intend to sell any part of it" ///
1110         2 "for own consumption and intended to sell some part of it
         (less than 50%)" ///
1111         3 "for own consumption and intended to sell major part of it
         (more than or equal 50%)" ///
1112         4 "the entire produce is for selling"
1113     label value     b5pt2q13            b5pt2q13_label
1114
1115     tabulate    b5pt2q13_cperv1     b5pt2q13
1116     codebook    b5pt2q13
1117     drop        b5pt2q13_cperv1
1118
1119
1120     * ========== Reqorking B5PT3Q5_CPERV1 ==========
1121     *          (Ever Worked Prior to last 365 days)
1122     codebook    b5pt3q5_cperv1
1123     destring    b5pt3q5_cperv1,     gen(b5pt3q5) force
1124
1125     label define    b5pt3q5_label   1 "Yes"     2 "No"
1126     label value     b5pt3q5         b5pt3q5_label
1127
1128     tabulate    b5pt3q5_cperv1  b5pt3q5
1129     drop        b5pt3q5_cperv1
1130
1131
1132     * ========== Reqorking B5PT3Q6_CPERV1 ==========
1133     *   (Duration of engagement in the economic activity in usual Principal
         activity status)
1134     codebook    b5pt3q6_cperv1
1135     rename      b5pt3q6_cperv1      b5pt3q6
1136
1137     label copy      b5pt3q6_cperv1      b5pt3q6_label
1138     label values    b5pt3q6             b5pt3q6_label
1139     label drop      b5pt3q6_cperv1
1140
1141     codebook    b5pt3q6
1142
1143
1144     * ========== Reqorking B5PT3Q7_CPERV1 ==========
1145     *   (Duration of engagement in the economic activity in Subsidiary
         activity status)
1146     codebook    b5pt3q7_cperv1
1147     rename      b5pt3q7_cperv1      b5pt3q7
```

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1148
1149    label copy      b5pt3q7_cperv1      b5pt3q7_label
1150    label values    b5pt3q7             b5pt3q7_label
1151    label drop      b5pt3q7_cperv1
1152
1153    codebook    b5pt3q7
1154
1155
1156    * ========== Reqorking B5PT3Q8_CPERV1 ==========
1157    *           (Efforts undertaken to search work)
1158    codebook    b5pt3q8_cperv1
1159    rename      b5pt3q8_cperv1      b5pt3q8
1160
1161    label copy      b5pt3q8_cperv1      b5pt3q8_label
1162    label values    b5pt3q8             b5pt3q8_label
1163    label drop      b5pt3q8_cperv1
1164
1165    codebook    b5pt3q8
1166
1167
1168    * ========== Reqorking B5PT3Q9_CPERV1 ==========
1169    *           (Duration of spell of Unemployment)
1170    codebook    b5pt3q9_cperv1
1171    rename      b5pt3q9_cperv1      b5pt3q9
1172
1173    label copy      b5pt3q9_cperv1      b5pt3q9_label
1174    label values    b5pt3q9             b5pt3q9_label
1175    label drop      b5pt3q9_cperv1
1176
1177    codebook    b5pt3q9
1178
1179
1180    * ========== Reqorking B5PT3Q10_CPERV1 ==========
1181    *           (Whether Ever worked)
1182    codebook    b5pt3q10_cperv1
1183    rename      b5pt3q10_cperv1     b5pt3q10
1184
1185    label copy      b5pt3q10_cperv1     b5pt3q10_label
1186    label values    b5pt3q10                b5pt3q10_label
1187    label drop      b5pt3q10_cperv1
1188
1189    codebook    b5pt3q10
1190
1191
1192    * ========== Reqorking B5PT3Q11_CPERV1 ==========
1193    *           (Reason for not working in last 365 days)
1194    codebook    b5pt3q11_cperv1
1195    rename      b5pt3q11_cperv1     b5pt3q11
1196
1197    list    b5pt3q11    in 1/10
1198
1199    label list      b5pt3q11_cperv1
1200    label copy      b5pt3q11_cperv1     b5pt3q11_label
1201    label values    b5pt3q11            b5pt3q11_label
1202    label drop      b5pt3q11_cperv1
1203
1204    codebook    b5pt3q11
1205
1206
1207    * ========== Reqorking B5PT3Q12_CPERV1 ==========
1208    *           (Main reason for being in Principal activity status (91 to
```

```
       97))
1209   codebook    b5pt3q12_cperv1
1210   rename      b5pt3q12_cperv1     b5pt3q12
1211
1212   label copy    b5pt3q12_cperv1     b5pt3q12_label
1213   label value    b5pt3q12          b5pt3q12_label
1214   label drop    b5pt3q12_cperv1
1215
1216   codebook        b5pt3q12
1217
1218
1219   * ========== Reqorking B6Q5_CPERV1 (Current Weekly Status (CWS))
       ==========
1220   codebook    b6q5_cperv1
1221   destring    b6q5_cperv1,       gen(b6q5) force
1222
1223   label variable  b6q5            "Current Weekly Status (CWS)"
1224   label define    b6q5_label      11 "worked in h.h. enterprise
       (self-employed): own account worker" ///
1225       12 "worked in h.h. enterprise (self-employed): employer" ///
1226       21 "worked as helper in h.h. enterprise (unpaid family worker)" ///
1227       31 "worked as regular salaried/wage employee" ///
1228       41 "worked as casual wage labour in public works other than MGNREG
       works" ///
1229       42 "worked as casual wage labour in MGNREG works" ///
1230       51 "in other types of work" ///
1231       61 "had work in h.h. enterprise but did not work due to: sickness" ///
1232       62 "had work in h.h. enterprise but did not work due to other
       reasons" ///
1233       71 "had regular salaried/wage employment but did not work due to
       sickness" ///
1234       72 "had regular salaried/wage employment but did not work due to
       other reasons" ///
1235       81 "had regular salaried/wage employment but did not work due
       tosought work" ///
1236       82 "had regular salaried/wage employment but did not work due to did
       not seek but was available for work" ///
1237       91 "attended educational institution" ///
1238       92 "attended domestic duties only" ///
1239       93 "attended domestic duties and was also engaged in free collection
       of goods (vegetables, roots, firewood, cattle feed, etc.), sewing,
       tailoring, weaving, etc. for household use -" ///
1240       94 "rentiers, pensioners, remittance recipients, etc." ///
1241       95 "not able to work due to disability" ///
1242       97 "others (including begging, prostitution, etc.)" ///
1243       98 "had regular salaried/wage employment but did not work due to did
       not work due to temporary sickness (for casual workers only)" ///
1244       99 ""
1245   label value    b6q5             b6q5_label
1246
1247   tabulate    b6q5_cperv1     b6q5
1248   drop        b6q5_cperv1
1249
1250
1251   * ========== Reqorking B6Q6_CPERV1 (Industry Code (CWS)) ==========
1252   codebook    b6q6_cperv1
1253   destring    b6q6_cperv1,       gen(b6q6) force
1254
1255   drop        b6q6_cperv1
1256
1257
```

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1258   * ========== Reqorking B6Q7_CPERV1 (Occupation Code (CWS)) ==========
1259   codebook     b6q7_cperv1
1260   destring     b6q7_cperv1,          gen(b6q7) force
1261
1262   drop         b6q7_cperv1
1263
1264
1265   * ========== Reqorking B6Q9_CPERV1 ==========
1266   *            (Earnings for Regular Salaried/Wage Activity)
1267   codebook     b6q9_cperv1
1268   destring     b6q9_cperv1,          gen(b6q9) force
1269
1270   drop         b6q9_cperv1
1271
1272
1273   * ========== Reqorking B6Q10_CPERV1 ==========
1274   *            (Earnings for Self Employed)
1275   codebook     b6q10_cperv1
1276   destring     b6q10_cperv1,         gen(b6q10) force
1277
1278   drop         b6q10_cperv1
1279
1280
1281   * ========== Reqorking Consistency in select labels ==========
1282   codebook     b4pt1q5     b5pt2q9
1283
1284   label copy       b4pt1q5_cperv1  b4pt1q5_label
1285   label value      b4pt1q5         b4pt1q5_label
1286   label drop       b4pt1q5_cperv1
1287
1288   label copy       b5pt2q9_cperv1  b5pt2q9_label
1289   label value      b5pt2q9         b5pt2q9_label
1290   label drop       b5pt2q9_cperv1
1291
1292   codebook     b4pt1q5     b5pt2q9
1293
1294
1295
1296
1297
1298   save "C:\Users\pgeda\Documents\stata-appdata\plfs-2023-23.dta", replace
1299
1300
1301
1302
1303
```