```stata
1   /*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***
    *** ***
2   Author: Pia Mahajan
3   Date:  March 13 2023
4   Object: Clean census age for 2010
5   *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***
    *** ****/
6
7   /* Housekeeping */
8   clear
9   cap log close
10  set scheme s2mono
11  grstyle init
12  grstyle set plain, horizontal grid dotted
13
14  if "`c(username)'"=="nicol"  {
15      di "Nicolas"
16      cd "C:/Users/nicol/Dropbox/elections_matching"
17  }
18  else if "`c(username)'"=="nicolaslonguetmarx"  {
19      di "Nicolas"
20      cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
21  }
22   else if "`c(username)'"=="piamahajan"  {
23      di "Pia"
24      cd "/Users/piamahajan/Dropbox/elections_matching/"
25  }
26
27  cd 1_data/1_input/census/2010/age/nhgis0014_fixed
28  do nhgis0014_ds172_2010_blck_grp.do
29
30  egen ct_00to17_tempwhite = rowtotal(h9a003 h9a004 h9a005 h9a006
    h9a027 h9a028 h9a029 h9a030)
31
32  egen ct_18to19_tempwhite= rowtotal(h9a031 h9a007)
33
34  egen ct_20to21_tempwhite= rowtotal(h9a008 h9a009 h9a032 h9a033)
35
36  egen ct_22to24_tempwhite = rowtotal(h9a034 h9a010)
37
38  egen ct_25to29_tempwhite = rowtotal(h9a011 h9a035)
39
40  egen ct_30to34_tempwhite = rowtotal(h9a036 h9a012)
41
42  egen ct_35to39_tempwhite = rowtotal(h9a013 h9a037)
43
44  egen ct_40to44_tempwhite = rowtotal(h9a038 h9a014)
45
46  egen ct_45to49_tempwhite = rowtotal(h9a015 h9a039)
47
48  egen ct_50to54_tempwhite = rowtotal(h9a040 h9a016)
49
```

```stata
50    egen ct_55to59_tempwhite = rowtotal(h9a017 h9a041)
51
52    egen ct_60to61_tempwhite = rowtotal(h9a042 h9a018)
53
54    egen ct_62to64_tempwhite = rowtotal(h9a019 h9a043)
55
56    egen ct_65to66_tempwhite = rowtotal(h9a044 h9a020)
57
58    egen ct_67to69_tempwhite = rowtotal(h9a021 h9a045)
59
60    egen ct_70to74_tempwhite = rowtotal(h9a046 h9a022)
61
62    egen ct_75to79_tempwhite = rowtotal(h9a023 h9a047)
63
64    egen ct_80to84_tempwhite = rowtotal(h9a048 h9a024)
65
66    egen ct_over85_tempwhite = rowtotal(h9a025 h9a049)
67
68
69    *test
70    egen tot_pop = rowtotal(ct_*)
71
72    assert tot_pop == h9a001
73    drop tot_pop
74    keep statea countya tracta blkgrpa ct_*
75
76     if "`c(username)'"=="nicolaslonguetmarx"  {
77        di "Nicolas"
78        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
79    }
80     else if "`c(username)'"=="piamahajan"  {
81        di "Pia"
82        cd "/Users/piamahajan/Dropbox/elections_matching/"
83    }
84
85    save "1_data/2_processed/census/temporary/age_2010_tempwhite",
      replace
86
87
88
89    *African Americans
90    clear
91     if "`c(username)'"=="nicolaslonguetmarx"  {
92        di "Nicolas"
93        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
94    }
95     else if "`c(username)'"=="piamahajan"  {
96        di "Pia"
97        cd "/Users/piamahajan/Dropbox/elections_matching/"
98    }
99    cd 1_data/1_input/census/2010/age/nhgis0015_fixed
100   do nhgis0015_ds172_2010_blck_grp
```

```
101
102    egen ct_00to17_africanamerican= rowtotal(h9b003 h9b004 h9b005
       h9b006 h9b027 h9b028 h9b029 h9b030)
103
104    egen ct_18to19_africanamerican= rowtotal(h9b007 h9b031)
105
106    egen ct_20to21_africanamerican = rowtotal(h9b032 h9b033 h9b008
       h9b009)
107
108    egen ct_22to24_africanamerican = rowtotal(h9b010 h9b034)
109
110    egen ct_25to29_africanamerican = rowtotal(h9b035 h9b011)
111
112    egen ct_30to34_africanamerican = rowtotal(h9b012 h9b036)
113
114
115    egen ct_35to39_africanamerican = rowtotal(h9b037 h9b013)
116
117    egen ct_40to44_africanamerican = rowtotal(h9b014 h9b038)
118
119    egen ct_45to49_africanamerican = rowtotal(h9b039 h9b015)
120
121    egen ct_50to54_africanamerican = rowtotal(h9b016 h9b040)
122
123    egen ct_55to59_africanamerican = rowtotal(h9b041 h9b017)
124
125
126    egen ct_60to61_africanamerican = rowtotal(h9b018 h9b042)
127
128    egen ct_62to64_africanamerican = rowtotal(h9b043 h9b019)
129
130
131    egen ct_65to66_africanamerican = rowtotal(h9b020 h9b044)
132
133    egen ct_67to69_africanamerican = rowtotal(h9b045 h9b021)
134
135    egen ct_70to74_africanamerican = rowtotal(h9b022 h9b046)
136
137    egen ct_75to79_africanamerican = rowtotal(h9b047 h9b023)
138
139    egen ct_80to84_africanamerican = rowtotal(h9b024 h9b048)
140
141    egen ct_over85_africanamerican = rowtotal(h9b049 h9b025)
142
143    *test
144     egen tot_pop = rowtotal(ct_*)
145
146    assert tot_pop == h9b001
147    drop tot_pop
148    keep statea countya tracta blkgrpa ct_*
149
150     if "`c(username)'"=="nicolaslonguetmarx"  {
```

```
151         di "Nicolas"
152         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
153     }
154      else if "`c(username)'"=="piamahajan"  {
155         di "Pia"
156         cd "/Users/piamahajan/Dropbox/elections_matching/"
157     }
158
159     save "1_data/2_processed/census/temporary/age_2010_african",
        replace
160     *American Indian & Alaskan Native
161
162
163     clear
164     if "`c(username)'"=="nicolaslonguetmarx"  {
165         di "Nicolas"
166         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
167     }
168      else if "`c(username)'"=="piamahajan"  {
169         di "Pia"
170         cd "/Users/piamahajan/Dropbox/elections_matching/"
171     }
172     cd 1_data/1_input/census/2010/age/nhgis0016_fixed
173     do nhgis0016_ds172_2010_blck_grp.do
174     egen ct_00to17_aian= rowtotal(h9c003 h9c004 h9c005 h9c006 h9c027
        h9c028 h9c029 h9c030)
175
176     egen ct_18to19_aian= rowtotal(h9c031 h9c007)
177
178     egen ct_20to21_aian = rowtotal(h9c008 h9c009 h9c032 h9c033)
179
180     egen ct_22to24_aian = rowtotal(h9c034 h9c010)
181
182     egen ct_25to29_aian = rowtotal(h9c011 h9c035)
183
184     egen ct_30to34_aian = rowtotal(h9c036 h9c012)
185
186
187     egen ct_35to39_aian = rowtotal(h9c013 h9c037)
188
189     egen ct_40to44_aian = rowtotal(h9c038 h9c014)
190
191     egen ct_45to49_aian = rowtotal(h9c015 h9c039)
192
193     egen ct_50to54_aian = rowtotal(h9c040 h9c016)
194
195     egen ct_55to59_aian = rowtotal(h9c017 h9c041)
196
197
198     egen ct_60to61_aian = rowtotal(h9c042 h9c018)
199
200     egen ct_62to64_aian = rowtotal(h9c019 h9c043)
```

```
201
202
203    egen ct_65to66_aian = rowtotal(h9c044 h9c020)
204
205    egen ct_67to69_aian = rowtotal(h9c021 h9c045)
206
207    egen ct_70to74_aian = rowtotal(h9c046 h9c022)
208
209    egen ct_75to79_aian = rowtotal(h9c023 h9c047)
210
211    egen ct_80to84_aian = rowtotal(h9c048 h9c024)
212
213    egen ct_over85_aian = rowtotal(h9c025 h9c049)
214
215    *test
216    egen tot_pop = rowtotal(ct_*)
217
218    assert tot_pop == h9c001
219    drop tot_pop
220
221    keep statea countya tracta blkgrpa ct_*
222     if "`c(username)'"=="nicolaslonguetmarx"  {
223        di "Nicolas"
224        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
225    }
226     else if "`c(username)'"=="piamahajan"  {
227        di "Pia"
228        cd "/Users/piamahajan/Dropbox/elections_matching/"
229    }
230
231    save "1_data/2_processed/census/temporary/age_2010_aian", replace
232
233    * Asian
234    clear
235    if "`c(username)'"=="nicolaslonguetmarx"  {
236        di "Nicolas"
237        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
238    }
239     else if "`c(username)'"=="piamahajan"  {
240        di "Pia"
241        cd "/Users/piamahajan/Dropbox/elections_matching/"
242    }
243
244    cd 1_data/1_input/census/2010/age/nhgis0017_fixed
245    do nhgis0017_ds172_2010_blck_grp.do
246    egen ct_00to17_asian= rowtotal(h9d003 h9d004 h9d005 h9d006 h9d027
        h9d028 h9d029 h9d030)
247
248    egen ct_18to19_asian= rowtotal(h9d031 h9d007)
249
250    egen ct_20to21_asian = rowtotal(h9d008 h9d009 h9d032 h9d033)
251
```

```
252    egen ct_22to24_asian = rowtotal(h9d034 h9d010)
253
254    egen ct_25to29_asian = rowtotal(h9d011 h9d035)
255
256    egen ct_30to34_asian = rowtotal(h9d036 h9d012)
257
258
259    egen ct_35to39_asian = rowtotal(h9d013 h9d037)
260
261    egen ct_40to44_asian = rowtotal(h9d038 h9d014)
262
263    egen ct_45to49_asian = rowtotal(h9d015 h9d039)
264
265    egen ct_50to54_asian = rowtotal(h9d040 h9d016)
266
267    egen ct_55to59_asian = rowtotal(h9d017 h9d041)
268
269
270    egen ct_60to61_asian = rowtotal(h9d042 h9d018)
271
272    egen ct_62to64_asian = rowtotal(h9d019 h9d043)
273
274
275    egen ct_65to66_asian = rowtotal(h9d044 h9d020)
276
277    egen ct_67to69_asian = rowtotal(h9d021 h9d045)
278
279    egen ct_70to74_asian = rowtotal(h9d046 h9d022)
280
281    egen ct_75to79_asian = rowtotal(h9d023 h9d047)
282
283    egen ct_80to84_asian = rowtotal(h9d048 h9d024)
284
285    egen ct_over85_asian = rowtotal(h9d025 h9d049)
286
287    *test
288    egen tot_pop = rowtotal(ct_*)
289
290    assert tot_pop == h9d001
291    drop tot_pop
292    keep statea countya tracta blkgrpa ct_*
293
294
295     if "`c(username)'"=="nicolaslonguetmarx"  {
296        di "Nicolas"
297        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
298    }
299     else if "`c(username)'"=="piamahajan"  {
300        di "Pia"
301        cd "/Users/piamahajan/Dropbox/elections_matching/"
302    }
303
```

```stata
304    save "1_data/2_processed/census/temporary/age_2010_asian", replace
305
306
307    *Native Hawaiian and pacific islander + some other race
308
309    clear
310
311    if "`c(username)'"=="nicolaslonguetmarx"  {
312        di "Nicolas"
313        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
314    }
315     else if "`c(username)'"=="piamahajan"  {
316        di "Pia"
317        cd "/Users/piamahajan/Dropbox/elections_matching/"
318    }
319    cd 1_data/1_input/census/2010/age/nhgis0018_fixed
320    do nhgis0018_ds172_2010_blck_grp.do
321    egen ct_00to17_nhpi= rowtotal(h9e003 h9e004 h9e005 h9e006 h9e027
       h9e028 h9e029 h9e030)
322
323    egen ct_18to19_nhpi= rowtotal(h9e031 h9e007)
324
325    egen ct_20to21_nhpi = rowtotal(h9e008 h9e009 h9e033 h9e032)
326
327    egen ct_22to24_nhpi = rowtotal(h9e034 h9e010)
328
329    egen ct_25to29_nhpi = rowtotal(h9e011 h9e035)
330
331    egen ct_30to34_nhpi = rowtotal(h9e036 h9e012)
332
333
334    egen ct_35to39_nhpi = rowtotal(h9e013 h9e037)
335
336    egen ct_40to44_nhpi = rowtotal(h9e038 h9e014)
337
338    egen ct_45to49_nhpi = rowtotal(h9e015 h9e039)
339
340    egen ct_50to54_nhpi = rowtotal(h9e040 h9e016)
341
342    egen ct_55to59_nhpi = rowtotal(h9e017 h9e041)
343
344
345    egen ct_60to61_nhpi = rowtotal(h9e042 h9e018)
346
347    egen ct_62to64_nhpi = rowtotal(h9e019 h9e043)
348
349
350    egen ct_65to66_nhpi = rowtotal(h9e044 h9e020)
351
352    egen ct_67to69_nhpi = rowtotal(h9e021 h9e045)
353
354    egen ct_70to74_nhpi = rowtotal(h9e046 h9e022)
```

```
355
356    egen ct_75to79_nhpi = rowtotal(h9e023 h9e047)
357
358    egen ct_80to84_nhpi = rowtotal(h9e048 h9e024)
359
360    egen ct_over85_nhpi = rowtotal(h9e025 h9e049)
361
362    *test
363    egen tot_pop = rowtotal(ct_*)
364
365    assert tot_pop == h9e001
366    drop tot_pop
367    keep statea countya tracta blkgrpa ct_*
368
369
370     if "`c(username)'"=="nicolaslonguetmarx"  {
371        di "Nicolas"
372        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
373    }
374     else if "`c(username)'"=="piamahajan"  {
375        di "Pia"
376        cd "/Users/piamahajan/Dropbox/elections_matching/"
377    }
378
379    save "1_data/2_processed/census/temporary/age_2010_nhpi", replace
380
381
382
383    *other
384
385    clear
386     if "`c(username)'"=="nicolaslonguetmarx"  {
387        di "Nicolas"
388        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
389    }
390     else if "`c(username)'"=="piamahajan"  {
391        di "Pia"
392        cd "/Users/piamahajan/Dropbox/elections_matching/"
393    }
394    cd 1_data/1_input/census/2010/age/nhgis0018_fixed
395    do nhgis0018_ds172_2010_blck_grp.do
396    egen ct_00to17_other= rowtotal(h9f003 h9f004 h9f005 h9f006 h9f027
        h9f028 h9f029 h9f030)
397
398    egen ct_18to19_other= rowtotal(h9f031 h9f007)
399
400    egen ct_20to21_other = rowtotal(h9f008 h9f009 h9f032 h9f033)
401
402    egen ct_22to24_other = rowtotal(h9f034 h9f010)
403
404    egen ct_25to29_other = rowtotal(h9f011 h9f035)
405
```

```
406   egen ct_30to34_other = rowtotal(h9f036 h9f012)
407
408
409   egen ct_35to39_other = rowtotal(h9f013 h9f037)
410
411   egen ct_40to44_other = rowtotal(h9f038 h9f014)
412
413   egen ct_45to49_other = rowtotal(h9f015 h9f039)
414
415   egen ct_50to54_other = rowtotal(h9f040 h9f016)
416
417   egen ct_55to59_other = rowtotal(h9f017 h9f041)
418
419
420   egen ct_60to61_other = rowtotal(h9f042 h9f018)
421
422   egen ct_62to64_other = rowtotal(h9f019 h9f043)
423
424
425   egen ct_65to66_other = rowtotal(h9f044 h9f020)
426
427   egen ct_67to69_other = rowtotal(h9f021 h9f045)
428
429   egen ct_70to74_other = rowtotal(h9f046 h9f022)
430
431   egen ct_75to79_other = rowtotal(h9f023 h9f047)
432
433   egen ct_80to84_other = rowtotal(h9f048 h9f024)
434
435   egen ct_over85_other = rowtotal(h9f025 h9f049)
436   *test
437   egen tot_pop = rowtotal(ct_*)
438   assert tot_pop == h9f002 + h9f026
439   drop tot_pop
440
441   keep statea countya tracta blkgrpa ct_*
442
443
444    if "`c(username)'"=="nicolaslonguetmarx"  {
445       di "Nicolas"
446       cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
447   }
448    else if "`c(username)'"=="piamahajan"  {
449       di "Pia"
450       cd "/Users/piamahajan/Dropbox/elections_matching/"
451   }
452
453   save "1_data/2_processed/census/temporary/age_2010_other", replace
454
455   *two or more races
456
457   clear
```

```
458    if "`c(username)'"=="nicolaslonguetmarx"  {
459        di "Nicolas"
460        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
461    }
462    else if "`c(username)'"=="piamahajan"  {
463        di "Pia"
464        cd "/Users/piamahajan/Dropbox/elections_matching/"
465    }
466    cd 1_data/1_input/census/2010/age/nhgis0035_fixed
467    do nhgis0035_ds172_2010_blck_grp.do
468
469    egen ct_00to17_twoormore= rowtotal(h9g003 h9g004 h9g005 h9g006
       h9g027 h9g028 h9g029 h9g030)
470
471    egen ct_18to19_twoormore= rowtotal(h9g031 h9g007)
472
473    egen ct_20to21_twoormore = rowtotal(h9g008 h9g009 h9g032 h9g033)
474
475    egen ct_22to24_twoormore = rowtotal(h9g034 h9g010)
476
477    egen ct_25to29_twoormore = rowtotal(h9g011 h9g035)
478
479    egen ct_30to34_twoormore = rowtotal(h9g036 h9g012)
480
481
482    egen ct_35to39_twoormore = rowtotal(h9g013 h9g037)
483
484    egen ct_40to44_twoormore = rowtotal(h9g038 h9g014)
485
486    egen ct_45to49_twoormore = rowtotal(h9g015 h9g039)
487
488    egen ct_50to54_twoormore = rowtotal(h9g040 h9g016)
489
490    egen ct_55to59_twoormore = rowtotal(h9g017 h9g041)
491
492
493    egen ct_60to61_twoormore = rowtotal(h9g042 h9g018)
494
495    egen ct_62to64_twoormore = rowtotal(h9g019 h9g043)
496
497
498    egen ct_65to66_twoormore = rowtotal(h9g044 h9g020)
499
500    egen ct_67to69_twoormore = rowtotal(h9g021 h9g045)
501
502    egen ct_70to74_twoormore = rowtotal(h9g046 h9g022)
503
504    egen ct_75to79_twoormore = rowtotal(h9g023 h9g047)
505
506    egen ct_80to84_twoormore = rowtotal(h9g048 h9g024)
507
508    egen ct_over85_twoormore = rowtotal(h9g025 h9g049)
```

```
509
510
511    *test
512    egen tot_pop = rowtotal(ct_*)
513    assert tot_pop == h9g002 + h9g026
514    drop tot_pop
515
516    keep statea countya tracta blkgrpa ct_*
517
518
519     if "`c(username)'"=="nicolaslonguetmarx"  {
520        di "Nicolas"
521        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
522    }
523     else if "`c(username)'"=="piamahajan"  {
524        di "Pia"
525        cd "/Users/piamahajan/Dropbox/elections_matching/"
526    }
527
528    save "1_data/2_processed/census/temporary/age_2010_twoormore",
       replace
529
530
531
532    clear
533    if "`c(username)'"=="nicolaslonguetmarx"  {
534        di "Nicolas"
535        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
536    }
537     else if "`c(username)'"=="piamahajan"  {
538        di "Pia"
539        cd "/Users/piamahajan/Dropbox/elections_matching/"
540    }
541
542    use "1_data/2_processed/census/temporary/age_2010_other", replace
543    if "`c(username)'"=="nicolaslonguetmarx"  {
544        di "Nicolas"
545        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
546    }
547     else if "`c(username)'"=="piamahajan"  {
548        di "Pia"
549        cd "/Users/piamahajan/Dropbox/elections_matching/"
550    }
551
552    merge 1:1 statea countya tracta blkgrpa  using
       "1_data/2_processed/census/temporary/age_2010_tempwhite.dta
553    assert _m == 3
554    drop _m
555
556    if "`c(username)'"=="nicolaslonguetmarx"  {
557        di "Nicolas"
558        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
```

```
559    }
560     else if "`c(username)'"=="piamahajan"  {
561         di "Pia"
562         cd "/Users/piamahajan/Dropbox/elections_matching/"
563    }
564    merge 1:1 statea countya tracta blkgrpa  using
       "1_data/2_processed/census/temporary/age_2010_african.dta
565    assert _m == 3
566    drop _m
567
568    if "`c(username)'"=="nicolaslonguetmarx"  {
569         di "Nicolas"
570         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
571    }
572     else if "`c(username)'"=="piamahajan"  {
573         di "Pia"
574         cd "/Users/piamahajan/Dropbox/elections_matching/"
575    }
576    merge 1:1 statea countya tracta blkgrpa  using
       "1_data/2_processed/census/temporary/age_2010_aian.dta
577    assert _m == 3
578    drop _m
579
580    if "`c(username)'"=="nicolaslonguetmarx"  {
581         di "Nicolas"
582         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
583    }
584     else if "`c(username)'"=="piamahajan"  {
585         di "Pia"
586         cd "/Users/piamahajan/Dropbox/elections_matching/"
587    }
588    merge 1:1 statea countya tracta blkgrpa  using
       "1_data/2_processed/census/temporary/age_2010_asian.dta
589    assert _m == 3
590    drop _m
591
592    if "`c(username)'"=="nicolaslonguetmarx"  {
593         di "Nicolas"
594         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
595    }
596     else if "`c(username)'"=="piamahajan"  {
597         di "Pia"
598         cd "/Users/piamahajan/Dropbox/elections_matching/"
599    }
600    merge 1:1 statea countya tracta blkgrpa  using
       "1_data/2_processed/census/temporary/age_2010_nhpi.dta
601    assert _m == 3
602    drop _m
603
604    if "`c(username)'"=="nicolaslonguetmarx"  {
605         di "Nicolas"
606         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
```

```stata
607    }
608     else if "`c(username)'"=="piamahajan"  {
609        di "Pia"
610        cd "/Users/piamahajan/Dropbox/elections_matching/"
611    }
612
613    save "1_data/2_processed/census/temporary/age_2010_other", replace
614
615    merge 1:1 statea countya tracta blkgrpa  using
       "1_data/2_processed/census/temporary/age_2010_twoormore.dta
616    assert _m == 3
617    drop _m
618
619    if "`c(username)'"=="nicolaslonguetmarx"  {
620        di "Nicolas"
621        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
622    }
623     else if "`c(username)'"=="piamahajan"  {
624        di "Pia"
625        cd "/Users/piamahajan/Dropbox/elections_matching/"
626    }
627
628    save "1_data/2_processed/census/temporary/age_2010_other", replace
629
630
631    // clear
632    // if "`c(username)'"=="nicolaslonguetmarx"  {
633    //  di "Nicolas"
634    //  cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
635    // }
636    //  else if "`c(username)'"=="piamahajan"  {
637    //  di "Pia"
638    //  cd "/Users/piamahajan/Dropbox/elections_matching/"
639    // }
640    // use
       "1_data/2_processed/census/age/age_2010_masterfilemerge.dta"
641
642    clear
643
644     if "`c(username)'"=="nicolaslonguetmarx"  {
645        di "Nicolas"
646        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
647    }
648     else if "`c(username)'"=="piamahajan"  {
649        di "Pia"
650        cd "/Users/piamahajan/Dropbox/elections_matching/"
651    }
652    cd 1_data/1_input/census/2010/age/nhgis0033_fixed
653    do nhgis0033_ds172_2010_blck_grp.do
654
655    *white nhnl
656    egen ct_00to17_white = rowtotal(h9i003 h9i004 h9i005 h9i006
```

```
        h9i027 h9i028 h9i029 h9i030)
657
658     egen ct_18to19_white= rowtotal(h9i031 h9i007)
659
660     egen ct_20to21_white= rowtotal(h9i008 h9i009 h9i032 h9i033)
661
662     egen ct_22to24_white = rowtotal(h9i034 h9i010)
663
664     egen ct_25to29_white = rowtotal(h9i011 h9i035)
665
666     egen ct_30to34_white = rowtotal(h9i036 h9i012)
667
668     egen ct_35to39_white = rowtotal(h9i013 h9i037)
669
670     egen ct_40to44_white = rowtotal(h9i038 h9i014)
671
672     egen ct_45to49_white = rowtotal(h9i015 h9i039)
673
674     egen ct_50to54_white = rowtotal(h9i040 h9i016)
675
676     egen ct_55to59_white = rowtotal(h9i017 h9i041)
677
678     egen ct_60to61_white = rowtotal(h9i042 h9i018)
679
680     egen ct_62to64_white = rowtotal(h9i019 h9i043)
681
682     egen ct_65to66_white = rowtotal(h9i044 h9i020)
683
684     egen ct_67to69_white = rowtotal(h9i021 h9i045)
685
686     egen ct_70to74_white = rowtotal(h9i046 h9i022)
687
688     egen ct_75to79_white = rowtotal(h9i023 h9i047)
689
690     egen ct_80to84_white = rowtotal(h9i024 h9i048)
691
692     egen ct_over85_white = rowtotal(h9i049 h9i025)
693
694     *test
695     egen ct_tot_pop = rowtotal(ct_*_white)
696     egen ct_tot_pop2= rowtotal(h9i002 h9i026)
697     assert ct_tot_pop == ct_tot_pop2
698     drop ct_tot_pop ct_tot_pop2
699
700     keep statea countya tracta blkgrpa ct_*
701
702     if "`c(username)'"=="nicolaslonguetmarx"  {
703         di "Nicolas"
704         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
705     }
706      else if "`c(username)'"=="piamahajan"  {
707         di "Pia"
```

```stata
708          cd "/Users/piamahajan/Dropbox/elections_matching/"
709    }
710
711    save "1_data/2_processed/census/temporary/age_2010_white", replace
712
713
714    use "1_data/2_processed/census/temporary/age_2010_other", replace
715    if "`c(username)'"=="nicolaslonguetmarx"  {
716        di "Nicolas"
717        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
718    }
719     else if "`c(username)'"=="piamahajan"  {
720        di "Pia"
721        cd "/Users/piamahajan/Dropbox/elections_matching/"
722    }
723    * creating a column of white in the master data file
724    merge 1:1 statea countya tracta blkgrpa  using
       "1_data/2_processed/census/temporary/age_2010_white.dta
725    assert _m == 3
726    drop _m
727
728    if "`c(username)'"=="nicolaslonguetmarx"  {
729        di "Nicolas"
730        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
731    }
732     else if "`c(username)'"=="piamahajan"  {
733        di "Pia"
734        cd "/Users/piamahajan/Dropbox/elections_matching/"
735    }
736
737    save "1_data/2_processed/census/temporary/age_2010_other", replace
738
739
740
741
742
743    *creating final count of non white in the master data file
744    *Non white
745    if "`c(username)'"=="nicolaslonguetmarx"  {
746        di "Nicolas"
747        cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
748    }
749     else if "`c(username)'"=="piamahajan"  {
750        di "Pia"
751        cd "/Users/piamahajan/Dropbox/elections_matching/"
752    }
753    use "1_data/2_processed/census/temporary/age_2010_other",replace
754    gen ct_00to17_nonwhite= ct_00to17_africanamerican  +
       ct_00to17_aian +ct_00to17_asian +ct_00to17_nhpi +ct_00to17_other
       +ct_00to17_twoormore+ ct_00to17_tempwhite – ct_00to17_white
755
756    gen ct_18to19_nonwhite= ct_18to19_africanamerican+ ct_18to19_aian
```

```
      + ct_18to19_asian+ ct_18to19_nhpi+ ct_18to19_other +
      ct_18to19_twoormore + ct_18to19_tempwhite − ct_18to19_white
757
758   gen ct_20to21_nonwhite = ct_20to21_africanamerican+
      ct_20to21_aian + ct_20to21_asian + ct_20to21_nhpi +
      ct_20to21_other+ ct_20to21_twoormore + ct_20to21_tempwhite −
      ct_20to21_white
759
760   gen ct_22to24_nonwhite = ct_22to24_africanamerican +
      ct_22to24_aian + ct_22to24_asian+ ct_22to24_nhpi +
      ct_22to24_other + ct_22to24_twoormore + ct_22to24_tempwhite −
      ct_22to24_white
761
762   gen ct_25to29_nonwhite = ct_25to29_africanamerican +
      ct_25to29_aian + ct_25to29_asian + ct_25to29_nhpi +
      ct_25to29_other + ct_25to29_twoormore +ct_25to29_tempwhite −
      ct_25to29_white
763
764   gen ct_30to34_nonwhite = ct_30to34_africanamerican +
      ct_30to34_aian + ct_30to34_asian + ct_30to34_nhpi +
      ct_30to34_other+ ct_30to34_twoormore + ct_30to34_tempwhite−
      ct_30to34_white
765
766   gen ct_35to39_nonwhite = ct_35to39_africanamerican +
      ct_35to39_aian + ct_35to39_asian + ct_35to39_nhpi  +
      ct_35to39_other + ct_35to39_twoormore +ct_35to39_tempwhite −
      ct_35to39_white
767
768
769   gen ct_40to44_nonwhite = ct_40to44_africanamerican +
      ct_40to44_aian + ct_40to44_asian + ct_40to44_nhpi +
      ct_40to44_other + ct_40to44_twoormore +  ct_40to44_tempwhite −
      ct_40to44_white
770
771   gen ct_45to49_nonwhite = ct_45to49_africanamerican +
      ct_45to49_aian + ct_45to49_asian + ct_45to49_nhpi +
      ct_45to49_other+ ct_45to49_twoormore+ct_45to49_tempwhite −
      ct_45to49_white
772
773   gen ct_50to54_nonwhite = ct_50to54_africanamerican +
      ct_50to54_aian + ct_50to54_asian  + ct_50to54_nhpi +
      ct_50to54_other + ct_50to54_twoormore +ct_50to54_tempwhite−
      ct_50to54_white
774
775
776   gen ct_55to59_nonwhite = ct_55to59_africanamerican +
      ct_55to59_aian + ct_55to59_asian +ct_55to59_nhpi +
      ct_55to59_other + ct_55to59_twoormore + ct_55to59_tempwhite −
      ct_55to59_white
777
778
779   gen ct_60to61_nonwhite = ct_60to61_africanamerican +
```

```stata
            ct_60to61_aian+ ct_60to61_asian + ct_60to61_nhpi +
            ct_60to61_other + ct_60to61_twoormore + ct_60to61_tempwhite –
            ct_60to61_white
780
781
782     gen ct_62to64_nonwhite = ct_62to64_africanamerican +
            ct_62to64_aian + ct_62to64_asian + ct_62to64_nhpi +
            ct_62to64_other + ct_62to64_twoormore + ct_62to64_tempwhite –
            ct_62to64_white
783
784
785     gen ct_65to66_nonwhite = ct_65to66_africanamerican +
            ct_65to66_aian + ct_65to66_asian + ct_65to66_nhpi +
            ct_65to66_other + ct_65to66_twoormore + ct_65to66_tempwhite –
            ct_65to66_white
786
787
788     gen ct_67to69_nonwhite = ct_67to69_africanamerican +
            ct_67to69_aian + ct_67to69_asian + ct_67to69_nhpi +
            ct_67to69_other +ct_67to69_twoormore + ct_67to69_tempwhite –
            ct_67to69_white
789
790     gen ct_70to74_nonwhite = ct_70to74_africanamerican +
            ct_70to74_aian + ct_70to74_asian + ct_70to74_nhpi +
            ct_70to74_other + ct_70to74_twoormore +ct_70to74_tempwhite –
            ct_70to74_white
791
792
793     gen ct_75to79_nonwhite = ct_75to79_africanamerican +
            ct_75to79_aian + ct_75to79_asian + ct_75to79_nhpi +
            ct_75to79_other + ct_75to79_twoormore +ct_75to79_tempwhite –
            ct_75to79_white
794
795
796     gen ct_80to84_nonwhite = ct_80to84_africanamerican +
            ct_80to84_aian + ct_80to84_asian +  ct_80to84_nhpi +
            ct_80to84_other + ct_80to84_twoormore + ct_80to84_tempwhite –
            ct_80to84_white
797
798
799     gen ct_over85_nonwhite = ct_over85_africanamerican +
            ct_over85_aian + ct_over85_asian + ct_over85_nhpi +
            ct_over85_other + ct_over85_twoormore + ct_over85_tempwhite –
            ct_over85_white
800
801     keep statea countya tracta blkgrpa  ct_*_white ct_*_nonwhite
802
803     if "`c(username)'"=="nicolaslonguetmarx"  {
804         di "Nicolas"
805         cd "/Users/nicolaslonguetmarx/Dropbox/elections_matching"
806     }
807      else if "`c(username)'"=="piamahajan"  {
```

```
808        di "Pia"
809        cd "/Users/piamahajan/Dropbox/elections_matching/"
810    }
811
812    save "1_data/2_processed/census/age/age_2010.dta", replace
813
814
```