```
-----------------------------------------------------------------------------------------------------------
      name:  <unnamed>
       log:  C:\NHANES\data\Age Standardization and Population Counts\task 1c\step 2\adjmeans.log
  log type:  text
 opened on:   6 Jan 2014, 09:27:35

.
. ****specify survey design variables****
. svyset sdmvpsu [pweight=wtmec4yr], strata(sdmvstra) vce(linearized)

      pweight: wtmec4yr
          VCE: linearized
  Single unit: missing
     Strata 1: sdmvstra
         SU 1: sdmvpsu
        FPC 1: <zero>

.
. svy, subpop(if ridageyr >=20 & ridageyr <.): mean ridageyr, over(race)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =      21004
Number of PSUs   =      57       Population size  =  278652243
                                 Subpop. no. obs  =       9471
                                 Subpop. size     =  198419259
                                 Design df        =         29

    _subpop_1: race = NH White
    _subpop_2: race = NH Black
    _subpop_3: race = Mex American
    _subpop_4: race = Other race/ethn
```

```
--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
ridageyr     |
   _subpop_1 |   47.83663    .376492      47.06662    48.60665
   _subpop_2 |   43.43103   .4551979      42.50005    44.36201
   _subpop_3 |   37.95156   .6370793      36.64859    39.25453
   _subpop_4 |   42.68304   .8063441      41.03388     44.3322
--------------------------------------------------------------

. svy, subpop(if ridageyr >=20 & ridageyr <.): mean ridageyr, over(riagendr)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =      21004
Number of PSUs   =      57       Population size  =  278652243
                                 Subpop. no. obs  =       9471
                                 Subpop. size     =  198419259
                                 Design df        =         29

         male: riagendr = male
       female: riagendr = female

--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
ridageyr     |
        male |   45.23593   .3529394      44.51409    45.95777
      female |   46.86465   .3894445      46.06814    47.66115
--------------------------------------------------------------

.
. *age adjusted
. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi, stdize(age) stdweight(std_wgt)
(running mean on estimation sample)
```

```
Survey: Mean estimation

Number of strata =      28       Number of obs    =       9884
Number of PSUs   =      57       Population size  =  191620428
N. of std strata =       3       Subpop. no. obs  =       9064
                                 Subpop. size     =  191620428
                                 Design df        =         29

--------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
      bmxbmi |   28.02152   .1340756      27.74731    28.29574
--------------------------------------------------------------

. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi, stdize(age) stdweight(std_wgt) over(riagendr)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =       9884
Number of PSUs   =      57       Population size  =  191620428
N. of std strata =       3       Subpop. no. obs  =       9064
                                 Subpop. size     =  191620428
                                 Design df        =         29

         male: riagendr = male
       female: riagendr = female

--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
bmxbmi       |
        male |   27.83518   .1303912       27.5685    28.10186
      female |   28.19427   .1668812      27.85296    28.53558
--------------------------------------------------------------
```

```
. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi, stdize(age) stdweight(std_wgt) over(race)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =       9884
Number of PSUs   =      57       Population size  =  191620428
N. of std strata =       3       Subpop. no. obs  =       9064
                                 Subpop. size     =  191620428
                                 Design df        =         29

    _subpop_1: race = NH White
    _subpop_2: race = NH Black
    _subpop_3: race = Mex American
    _subpop_4: race = Other race/ethn

--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
bmxbmi       |
   _subpop_1 |   27.77072   .1633996      27.43653    28.10491
   _subpop_2 |   29.56942   .1933262      29.17402    29.96481
   _subpop_3 |   28.52478   .1977909      28.12025     28.9293
   _subpop_4 |   27.66605   .3336613      26.98364    28.34847
--------------------------------------------------------------

. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi, stdize(age) stdweight(std_wgt) over(riagendr
race)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =       9884
Number of PSUs   =      57       Population size  =  191620428
N. of std strata =       3       Subpop. no. obs  =       9064
                                 Subpop. size     =  191620428
```

```
                                Design df        =         29

         Over: riagendr race
    _subpop_1: male NH White
    _subpop_2: male NH Black
    _subpop_3: male Mex American
    _subpop_4: male Other race/ethn
    _subpop_5: female NH White
    _subpop_6: female NH Black
    _subpop_7: female Mex American
    _subpop_8: female Other race/ethn

--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
bmxbmi       |
   _subpop_1 |   27.92459   .1675689      27.58187     28.2673
   _subpop_2 |    27.5347   .1852574      27.15581     27.9136
   _subpop_3 |   28.00639   .1887905      27.62027    28.39251
   _subpop_4 |    27.1151   .2959399      26.50983    27.72036
   _subpop_5 |   27.62087   .2073014      27.19689    28.04485
   _subpop_6 |   31.17906    .276005      30.61457    31.74356
   _subpop_7 |   29.06208   .3167067      28.41434    29.70982
   _subpop_8 |   28.08603   .4250381      27.21673    28.95533
--------------------------------------------------------------

.
.
. *unadjusted
. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =      20597
Number of PSUs   =      57       Population size  =  271853412
                                 Subpop. no. obs  =       9064
```

```
                                Subpop. size     =  191620428
                                Design df        =         29

--------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
      bmxbmi |   28.01928   .1337983      27.74563    28.29293
--------------------------------------------------------------

. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi, over(riagendr)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =      20597
Number of PSUs   =      57       Population size  =  271853412
                                 Subpop. no. obs  =       9064
                                 Subpop. size     =  191620428
                                 Design df        =         29

         male: riagendr = male
       female: riagendr = female

--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
bmxbmi       |
        male |   27.82209   .1314971      27.55315    28.09103
      female |   28.20035   .1661457      27.86054    28.54016
--------------------------------------------------------------

. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi, over(race)
(running mean on estimation sample)

Survey: Mean estimation
```

```
Number of strata =      28       Number of obs    =      20597
Number of PSUs   =      57       Population size  =  271853412
                                 Subpop. no. obs  =       9064
                                 Subpop. size     =  191620428
                                 Design df        =         29

    _subpop_1: race = NH White
    _subpop_2: race = NH Black
    _subpop_3: race = Mex American
    _subpop_4: race = Other race/ethn

--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
bmxbmi       |
   _subpop_1 |   27.82531    .161961      27.49406    28.15656
   _subpop_2 |   29.50991   .2040501      29.09258    29.92724
   _subpop_3 |   28.20142   .1860564      27.82089    28.58195
   _subpop_4 |    27.7096    .344276      27.00548    28.41373
--------------------------------------------------------------

. svy, subpop(if ridageyr >=20 & ridageyr <.): mean bmxbmi, over(riagendr race)
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =      28       Number of obs    =      20597
Number of PSUs   =      57       Population size  =  271853412
                                 Subpop. no. obs  =       9064
                                 Subpop. size     =  191620428
                                 Design df        =         29

         Over: riagendr race
    _subpop_1: male NH White
    _subpop_2: male NH Black
    _subpop_3: male Mex American
    _subpop_4: male Other race/ethn
```

```
    _subpop_5: female NH White
    _subpop_6: female NH Black
    _subpop_7: female Mex American
    _subpop_8: female Other race/ethn

--------------------------------------------------------------
             |             Linearized
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
bmxbmi       |
   _subpop_1 |   27.97146   .1629487      27.63819    28.30472
   _subpop_2 |   27.47229   .2013156      27.06055    27.88403
   _subpop_3 |   27.70512   .2218706      27.25134    28.15889
   _subpop_4 |   27.20158   .3128525      26.56172    27.84143
   _subpop_5 |    27.6878   .2057362      27.26702    28.10858
   _subpop_6 |   31.12176   .2803722      30.54833    31.69519
   _subpop_7 |   28.74465   .3236612      28.08269    29.40661
   _subpop_8 |    28.1202   .4408734      27.21852    29.02189
--------------------------------------------------------------

.
. log close
      name:  <unnamed>
       log:  C:\NHANES\data\Age Standardization and Population Counts\task 1c\step 2\adjmeans.log
  log type:  text
 closed on:   6 Jan 2014, 09:27:38
```