STATA®

Statistics/Data analysis

```
    name:  <unnamed>
     log:  C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\Data_Process\DinhNguyen/DAT
> ATEMP/data_usa_demo&race.scml
log type:  smcl
opened on:  24 Jun 2021, 15:35:55
```

1 . codebook

---

region_code   **Region**

```
          Type: Numeric (byte)
         Label: region_code

         Range: [1,4]                         Units: 1
 Unique values: 4                     Missing .: 28/1,099

    Tabulation: Freq.   Numeric  Label
                  189         1  Northeast
                  252         2  Midwest
                  357         3  South
                  273         4  West
                   28         .
```

---

region_name   **Region_name**

```
          Type: String (str9)

 Unique values: 4                    Missing "": 28/1,099

    Tabulation: Freq.   Value
                   28   ""
                  252   "Midwest"
                  189   "Northeast"
                  357   "South"
                  273   "West"
```

---

division_code   **Division**

```
          Type: Numeric (byte)
         Label: division_code

         Range: [1,9]                         Units: 1
 Unique values: 9                     Missing .: 28/1,099

    Tabulation: Freq.   Numeric  Label
                  126         1  New England
                   63         2  Middle Atlantic
                  105         3  East North Central
                  147         4  West North Central
                  189         5  South Atlantic
                   84         6  East South Central
                   84         7  West South Central
                  168         8  Mountain
                  105         9  Pacific
                   28         .
```

---

division_name   **Division_name**

```
          Type: String (str18)

 Unique values: 9                    Missing "": 28/1,099
```

```
        Tabulation: Freq.  Value
                      28   ""
                     105   "East North Central"
                      84   "East South Central"
                      63   "Middle Atlantic"
                     168   "Mountain"
                     126   "New England"
                     105   "Pacific"
                     189   "South Atlantic"
                     147   "West North Central"
                      84   "West South Central"

          Warning: Variable has embedded blanks.
```

---

state_abbr   **Abbreviation State**

```
              Type: String (str2)

     Unique values: 53                      Missing "": 0/1,099

          Examples: "GA"
                    "MD"
                    "NH"
                    "SC"
```

---

state_code   **State-level FIPS code**

```
              Type: Numeric (byte)
             Label: state_code

             Range: [1,56]                  Units: 1
     Unique values: 51                      Missing .: 28/1,099

          Examples: 13    Georgia
                    24    Maryland
                    35    New Mexico
                    46    South Dakota
```

---

state_name   **US State**

```
              Type: String (str20)

     Unique values: 53                      Missing "": 0/1,099

          Examples: "Georgia"
                    "Maryland"
                    "New Jersey"
                    "South Carolina"

          Warning: Variable has embedded blanks.
```

---

year   **Year**

```
              Type: Numeric (int)

             Range: [2017,2019]             Units: 1
     Unique values: 3                       Missing .: 0/1,099

        Tabulation: Freq.  Value
                     357   2017
                     371   2018
                     371   2019
```

---

race   **RACE**

           Type: Numeric (**byte**)
          Label: **lab_race**

         Range: [**1,7**]   Units: **1**
  Unique values: **7**   Missing .: **0/1,099**

   Tabulation: Freq.   Numeric Label
           157   **1** White Alone
           157   **2** Black or African American Alone
           157   **3** American Indian or Alaska
                           Native Alone
           157   **4** Asian Alone
           157   **5** Native Hawaiian and Other
                           Pacific Islander Alone
           157   **6** Two or more races
           157   **7** Hispanic

---

povrate15   **Poverty rate 2015**

           Type: Numeric (**double**)

         Range: [**9.6125,25.22439**]   Units: **1.000e-08**
  Unique values: **51**   Missing .: **28/1,099**

           Mean: **15.3137**
     Std. dev.: **3.87547**

   Percentiles: 10%   25%   50%   75%   90%
          10.7241   11.8667   14.5875   18.397   21.1758

---

childpovrate15   **Child poverty rate 2015**

           Type: Numeric (**double**)

         Range: [**13.1375,35.652439**]   Units: **1.000e-07**
  Unique values: **51**   Missing .: **28/1,099**

           Mean: **21.7849**
     Std. dev.: **5.86953**

   Percentiles: 10%   25%   50%   75%   90%
          14.6345   16.7   20.5812   27.2761   30.4043

---

obese_pct   **Obese percentage**

           Type: Numeric (**double**)

         Range: [**7,59.4**]   Units: **.1**
  Unique values: **293**   Missing .: **364/1,099**

           Mean: **33.0909**
     Std. dev.: **8.86468**

   Percentiles: 10%   25%   50%   75%   90%
          22.7   28.6   33.6   38.6   43.8

---

highbloodpress_pct   **High blood percentage**

           Type: Numeric (**double**)

                    Range: [**10.5,59.7**]   Units: **.1**
      Unique values: **273**   Missing .: **593/1,099**

                     Mean: **31.1715**
                Std. dev.: **9.43251**

        Percentiles: 10%   25%   50%   75%   90%
                         18.3   **23.8**   **31.8**   **38**   **43.3**

___

diabetes_pct   **Diabetes percentage**

___

                     Type: Numeric (**double**)

                    Range: [**2.1,32.1**]   Units: **.1**
      Unique values: **136**   Missing .: **741/1,099**

                     Mean: **12.0022**
                Std. dev.: **4.04469**

        Percentiles: 10%   25%   50%   75%   90%
                          7.6   **9.2**   **11.5**   **14.6**   **16.9**

___

foodinsec_15_17   **Food Insecurity 2015-2017**

___

                     Type: Numeric (**double**)

                    Range: [**7.4,17.9**]   Units: **.1**
      Unique values: **51**   Missing .: **28/1,099**

                     Mean: **12.3216**
                Std. dev.: **2.35626**

        Percentiles: 10%   25%   50%   75%   90%
                          9.5   **10.7**   **12.1**   **13.6**   **15**

___

popestimate   **Resident total population estimate**

___

                     Type: Numeric (**long**)

                    Range: [**577601,39512223**]   Units: **1**
      Unique values: **153**   Missing .: **28/1,099**

                     Mean: **6.4e+06**
                Std. dev.: **7.3e+06**

        Percentiles: 10%   25%   50%   75%   90%
                       872868   **1.8e+06** **4.5e+06** **7.4e+06** **1.3e+07**

___

npopchg   **Change in resident total population**

___

                     Type: Numeric (**long**)

                    Range: [**-76790,380863**]   Units: **1**
      Unique values: **153**   Missing .: **28/1,099**

                     Mean: **34628.8**
                Std. dev.: **70784.6**

        Percentiles: 10%   25%   50%   75%   90%
                        -4871   **1158**   **10179**   **43486**   **103091**

---

births   **Births**

              Type: Numeric (**long**)

            Range: [**5537,481943**]   Units: **1**
   Unique values: **153**   Missing .: **28/1,099**

              Mean: **75282.5**
        Std. dev.: **87481.5**

       Percentiles: 10%   25%   50%   75%   90%
                        10683   **18870**   **54428**   **87338**   **137982**

---

deaths   **Deaths**

              Type: Numeric (**long**)

            Range: [**4463,282520**]   Units: **1**
   Unique values: **153**   Missing .: **28/1,099**

              Mean: **55213**
        Std. dev.: **56109.7**

       Percentiles: 10%   25%   50%   75%   90%
                         7337   **14551**   **40329**   **67950**   **122177**

---

naturalinc   **Natural increase**

              Type: Numeric (**long**)

            Range: [**-4679,216702**]   Units: **1**
   Unique values: **153**   Missing .: **28/1,099**

              Mean: **20069.5**
        Std. dev.: **36754.1**

       Percentiles: 10%   25%   50%   75%   90%
                         1229   **4555**   **9761**   **22108**   **33662**

---

internationalmig   **Net international migration**

              Type: Numeric (**long**)

            Range: [**-992,160385**]   Units: **1**
   Unique values: **152**   Missing .: **28/1,099**

              Mean: **14559.3**
        Std. dev.: **24734.7**

       Percentiles: 10%   25%   50%   75%   90%
                          513   **2039**   **5296**   **15011**   **32574**

---

domesticmig   **Net domestic migration**

              Type: Numeric (**long**)

            Range: [**-203414,164257**]   Units: **1**
   Unique values: **153**   Missing .: **28/1,099**

              Mean: **0**
        Std. dev.: **51964.1**

Percentiles: 10%   25%   50%   75%   90%
              −27406   −12281   −1012   15588   49680

---

netmig   **Net migration**

          Type: Numeric (**long**)

         Range: [**−134896,324642**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

          Mean: **14559.3**
     Std. dev.: **57430.1**

   Percentiles: 10%   25%   50%   75%   90%
                 −12486   −4998   4220   21841   61579

---

residual   **Residual**

          Type: Numeric (**int**)

         Range: [**−628,829**]   Units: **1**
Unique values: **121**   Missing .: **28/1,099**

          Mean: **0**
     Std. dev.: **203.813**

   Percentiles: 10%   25%   50%   75%   90%
                   −180   −66   −13   45   199

---

rbirth   **Birth rate**

          Type: Numeric (**float**)

         Range: [**8.84867,16.201117**]   Units: **1.000e-07**
Unique values: **153**   Missing .: **28/1,099**

          Mean: **11.7864**
     Std. dev.: **1.3177**

   Percentiles: 10%   25%   50%   75%   90%
                10.0954 11.0702 11.7676 12.3526 13.5095

---

rdeath   **Death rate**

          Type: Numeric (**float**)

         Range: [**5.4856443,12.687407**]   Units: **1.000e-07**
Unique values: **153**   Missing .: **28/1,099**

          Mean: **8.9498**
     Std. dev.: **1.28834**

   Percentiles: 10%   25%   50%   75%   90%
                 7.44249 8.18309 8.84318 9.82518 10.5615

---

rnaturalinc   **Natural increase rate**

          Type: Numeric (**float**)

         Range: [**-2.6020191,10.385957**]   Units: **1.000e-09**
Unique values: **153**   Missing .: **28/1,099**

```
            Mean: 2.83657
       Std. dev.: 2.22555

     Percentiles:      10%       25%       50%       75%       90%
                   .468283   1.51177   2.67915   3.96831   5.42317
```

---

rinternationalmig   **Net international migration rate**

```
           Type: Numeric (float)

          Range: [-.3308185,7.715066]         Units: 1.000e-09
  Unique values: 153                     Missing .: 28/1,099

            Mean: 1.81494
       Std. dev.: 1.43402

     Percentiles:      10%       25%       50%       75%       90%
                   .474096   .817703    1.4249   2.42832   3.76098
```

---

rdomesticmig   **Net domestic migration rate**

```
           Type: Numeric (float)

          Range: [-14.587355,15.890627]       Units: 1.000e-09
  Unique values: 153                     Missing .: 28/1,099

            Mean:  .248632
       Std. dev.:  6.14658

     Percentiles:      10%       25%       50%       75%       90%
                  -6.63475  -3.70377  -.441108   4.90227   7.90132
```

---

rnetmig   **Net migration rate**

```
           Type: Numeric (float)

          Range: [-13.859139,15.616388]       Units: 1.000e-09
  Unique values: 153                     Missing .: 28/1,099

            Mean: 2.06357
       Std. dev.: 6.01873

     Percentiles:      10%       25%       50%       75%       90%
                  -5.34278  -1.53342   .923429   6.53861   10.8789
```

---

percap_real_inc   **Real per capita income**

```
           Type: Numeric (float)

          Range: [40794,67277]                 Units: 1
  Unique values: 153                     Missing .: 28/1,099

            Mean: 50380.1
       Std. dev.: 5406.15

     Percentiles:      10%       25%       50%       75%       90%
                     43897     46775     49640     53596     56194
```

---

employment_10   **Total employment**

```
           Type: Numeric (long)
```

Range: [**398915,24602061**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **3.9e+06**
Std. dev.: **4.4e+06**

Percentiles: 10%   25%   50%   75%   90%
                606694   **932230**   **2.6e+06**   **4.8e+06**   **7.8e+06**

---

employment_20   **Wage and salary employment**

Type: Numeric (**long**)

Range: [**289146,18598619**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **3.0e+06**
Std. dev.: **3.3e+06**

Percentiles: 10%   25%   50%   75%   90%
                467019   **794280**   **2.0e+06**   **3.7e+06**   **6.2e+06**

---

employment_40   **Proprietors employment**

Type: Numeric (**long**)

Range: [**98472,6003442**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **900188**
Std. dev.: **1.1e+06**

Percentiles: 10%   25%   50%   75%   90%
                127046   **209289**   **591068**   **1.1e+06**   **1.6e+06**

---

employment_50   **Farm proprietors employment**

Type: Numeric (**long**)

Range: [**0,225017**]   Units: **1**
Unique values: **147**   Missing .: **28/1,099**

Mean: **35176.5**
Std. dev.: **34851.3**

Percentiles: 10%   25%   50%   75%   90%
                 3851   **10669**   **30605**   **49028**   **68578**

---

employment_60   **Nonfarm proprietors employment**

Type: Numeric (**long**)

Range: [**97606,5945806**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **865012**
Std. dev.: **1.1e+06**

Percentiles: 10%   25%   50%   75%   90%
                116813   **205438**   **557912**   **1.0e+06**   **1.5e+06**

---

employment_70   **Farm employment**

                Type: Numeric (**long**)

          Range: [**0,273634**]   Units: **1**
     Unique values: **151**   Missing .: **28/1,099**

               Mean: **51163.4**
          Std. dev.: **49654.5**

        Percentiles: 10%   25%   50%   75%   90%
                          5171   **17688**   **43552**   **73362**   **86259**

---

employment_80   **Nonfarm employment**

                Type: Numeric (**long**)

          Range: [**383974,24363469**]   Units: **1**
     Unique values: **153**   Missing .: **28/1,099**

               Mean: **3.9e+06**
          Std. dev.: **4.4e+06**

        Percentiles: 10%   25%   50%   75%   90%
                         585959   **923009**   **2.5e+06**   **4.8e+06**   **7.7e+06**

---

employment_90   **Private nonfarm employment**

                Type: Numeric (**long**)

          Range: [**309057,21525859**]   Units: **1**
     Unique values: **153**   Missing .: **28/1,099**

               Mean: **3.4e+06**
          Std. dev.: **3.9e+06**

        Percentiles: 10%   25%   50%   75%   90%
                         507320   **805303**   **2.2e+06**   **4.3e+06**   **6.9e+06**

---

employment_100   **Forestry, fishing, and related activities**

                Type: Numeric (**long**)

          Range: [**84,261864**]   Units: **1**
     Unique values: **146**   Missing .: **77/1,099**

               Mean: **19679.4**
          Std. dev.: **36722.2**

        Percentiles: 10%   25%   50%   75%   90%
                          3191   **6666**   **13492**   **16268**   **32393**

---

employment_200   **Mining, quarrying, and oil and gas extraction**

                Type: Numeric (**long**)

          Range: [**252,453294**]   Units: **1**
     Unique values: **147**   Missing .: **70/1,099**

               Mean: **24661.6**
          Std. dev.: **60854.1**

Percentiles:	10%	25%	50%	75%	90%
	1533	**4060**	**10256**	**23361**	**42681**

---

employment_300   **Utilities**

Type: Numeric (**long**)

Range: [**1231,61856**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **11498.7**
Std. dev.: **12306.3**

Percentiles:	10%	25%	50%	75%	90%
	2116	**3884**	**8018**	**13673**	**25144**

---

employment_400   **Construction**

Type: Numeric (**long**)

Range: [**17961,1250873**]   Units: **1**
Unique values: **151**   Missing .: **42/1,099**

Mean: **217081**
Std. dev.: **246033**

Percentiles:	10%	25%	50%	75%	90%
	33332	**62068**	**142525**	**262833**	**374764**

---

employment_500   **Manufacturing**

Type: Numeric (**long**)

Range: [**2154,1425642**]   Units: **1**
Unique values: **150**   Missing .: **42/1,099**

Mean: **266488**
Std. dev.: **269750**

Percentiles:	10%	25%	50%	75%	90%
	27705	**58297**	**173845**	**366623**	**600739**

---

employment_600   **Wholesale trade**

Type: Numeric (**long**)

Range: [**5497,807260**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **127326**
Std. dev.: **152757**

Percentiles:	10%	25%	50%	75%	90%
	18270	**25568**	**80278**	**139243**	**257132**

---

employment_700   **Retail trade**

Type: Numeric (**long**)

Range: [**26774,2092123**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

```
                        Mean: 376925
                   Std. dev.: 402361

             Percentiles:     10%      25%      50%      75%      90%
                            57633   111466   260492   463324   721961
```

---

employment_800   **Transportation and warehousing**

```
                        Type: Numeric (long)

                       Range: [9164,1219163]               Units: 1
              Unique values: 153                     Missing .: 28/1,099

                        Mean: 168387
                   Std. dev.: 208842

             Percentiles:     10%      25%      50%      75%      90%
                            19986    30847   100771   192199   390380
```

---

employment_900   **Information**

```
                        Type: Numeric (long)

                       Range: [4594,645770]                Units: 1
              Unique values: 153                     Missing .: 28/1,099

                        Mean: 67286.3
                   Std. dev.:  100848

             Percentiles:     10%      25%      50%      75%      90%
                             7082    14340    34991    85664   139313
```

---

employment_1000   **Finance and insurance**

```
                        Type: Numeric (long)

                       Range: [11347,1127472]              Units: 1
              Unique values: 153                     Missing .: 28/1,099

                        Mean: 208286
                   Std. dev.: 249788

             Percentiles:     10%      25%      50%      75%      90%
                            27717    42573   119715   243102   430389
```

---

employment_1100   **Real estate and rental and leasing**

```
                        Type: Numeric (long)

                       Range: [15929,1251248]              Units: 1
              Unique values: 153                     Missing .: 28/1,099

                        Mean: 186332
                   Std. dev.: 229614

             Percentiles:     10%      25%      50%      75%      90%
                            26635    43035   120168   226255   328864
```

---

employment_1200   **Professional, scientific, and technical services**

```
                        Type: Numeric (long)
```

		Range: [**17545,2154279**]			Units: **1**
Unique values: **153**					Missing .: **28/1,099**

          Mean: **280239**
     Std. dev.: **362301**

Percentiles:	10%	25%	50%	75%	90%
	37509	**63707**	**159330**	**377636**	**578468**

---

employment_1300   **Management of companies and enterprises**

          Type: Numeric (**long**)

          Range: [**1653,288961**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

          Mean: **52807.8**
     Std. dev.: **57477.5**

Percentiles:	10%	25%	50%	75%	90%
	4110	**10597**	**31453**	**76598**	**147495**

---

employment_1400
          Administrative and support and waste management and remediation services

---

          Type: Numeric (**long**)

          Range: [**13636,1544512**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

          Mean: **243535**
     Std. dev.: **293678**

Percentiles:	10%	25%	50%	75%	90%
	25285	**57322**	**155475**	**311878**	**516832**

---

employment_1500   **Educational services**

          Type: Numeric (**long**)

          Range: [**4087,556247**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

          Mean: **93328.8**
     Std. dev.: **112504**

Percentiles:	10%	25%	50%	75%	90%
	10122	**22553**	**57097**	**107720**	**242293**

---

employment_1600   **Health care and social assistance**

          Type: Numeric (**long**)

          Range: [**30042,2797215**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

          Mean: **444112**
     Std. dev.: **508139**

Percentiles:	10%	25%	50%	75%	90%
	74665	**118985**	**275671**	**512762**	**912213**

---

employment_1700   **Arts, entertainment, and recreation**

Type: Numeric (**long**)

Range: [**8050,712728**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **91871.9**
Std. dev.: **117464**

Percentiles: 10%   25%   50%   75%   90%
                14561   **23040**   **56137**   **111565**   **174207**

---

employment_1800   **Accommodation and food services**

Type: Numeric (**long**)

Range: [**35503,1869267**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **294753**
Std. dev.: **335417**

Percentiles: 10%   25%   50%   75%   90%
                44997   **76680**   **203808**   **334440**   **523311**

---

employment_1900   **Other services (except government and government enterprises)**

Type: Numeric (**long**)

Range: [**17726,1497926**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **224449**
Std. dev.: **267429**

Percentiles: 10%   25%   50%   75%   90%
                30059   **52910**   **135281**   **253722**   **438238**

---

employment_2000   **Government and government enterprises**

Type: Numeric (**long**)

Range: [**57902,2837610**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **481856**
Std. dev.: **503103**

Percentiles: 10%   25%   50%   75%   90%
                88428   **175738**   **359142**   **611198**   **875355**

---

employment_2001   **Federal civilian**

Type: Numeric (**long**)

Range: [**5692,248875**]   Units: **1**
Unique values: **153**   Missing .: **28/1,099**

Mean: **56111.1**
Std. dev.: **57185.8**

```
          Percentiles:    10%       25%       50%       75%       90%
                         10906     17775     34305     72412    143148
```

---

employment_2002   **Military**

```
              Type: Numeric (long)

             Range: [3953,206293]              Units: 1
     Unique values: 153                 Missing .: 28/1,099

              Mean: 37902
         Std. dev.: 42235

       Percentiles:    10%       25%       50%       75%       90%
                      7785     11872     20608     44445     90775
```

---

employment_2010   **State and local**

```
              Type: Numeric (long)

             Range: [41349,2384397]            Units: 1
     Unique values: 153                 Missing .: 28/1,099

              Mean: 387843
         Std. dev.: 422091

       Percentiles:    10%       25%       50%       75%       90%
                     61699    114765    287077    500704    698228
```

---

employment_2011   **State government**

```
              Type: Numeric (long)

             Range: [0,563115]                 Units: 1
     Unique values: 151                 Missing .: 28/1,099

              Mean: 105954
         Std. dev.: 96337.6

       Percentiles:    10%       25%       50%       75%       90%
                     23386     34448     81984    140088    191833
```

---

employment_2012   **Local government**

```
              Type: Numeric (long)

             Range: [19262,1821282]            Units: 1
     Unique values: 153                 Missing .: 28/1,099

              Mean: 281889
         Std. dev.: 328608

       Percentiles:    10%       25%       50%       75%       90%
                     41349     70959    211849    350148    520111
```

---

race_name   **RACE**

```
              Type: String (str48)

     Unique values: 7                   Missing "": 0/1,099
```

```
                   Tabulation: Freq.   Value
                             157   "American Indian or Alaska Native
                                    Alone"
                             157   "Asian Alone"
                             157   "Black or African American Alone"
                             157   "Hispanic"
                             157   "Native Hawaiian and Other Pacific
                                    Islander Alone"
                             157   "Two or more races"
                             157   "White Alone"

              Warning: Variable has embedded blanks.

2 . log close
        name:  <unnamed>
         log:  C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\Data_Process\DinhNguyen/DAT
   > ATEMP/data_usa_demo&race.scml
    log type:  smcl
   closed on:  24 Jun 2021, 15:35:55
  ─────────────────────────────────────────────────────────────────────────────
```