STaTa®
Statistics/Data analysis

```
     name:  <unnamed>
      log:  C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\Data_Process\DinhNguyen/DAT
> ATEMP/data_usa_demo.scml
 log type:  smcl
opened on:  24 Jun 2021, 10:26:44
```

1 . codebook

---

state_abbr   **Abbreviation State**

```
           Type: String (str2)

  Unique values: 51                         Missing "": 0/153

       Examples: "FL"
                 "MD"
                 "NH"
                 "SC"
```

---

state_code   **State-level FIPS code**

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

          Range: [1,56]                          Units: 1
  Unique values: 51                         Missing .: 0/153

       Examples: 12    Florida
                 24    Maryland
                 34    New Jersey
                 45    South Carolina
```

---

state_name   **US State**

```
           Type: String (str20)

  Unique values: 51                         Missing "": 0/153

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

       Warning: Variable has embedded blanks.
```

---

year   **Year**

```
           Type: Numeric (int)

          Range: [2017,2019]                     Units: 1
  Unique values: 3                          Missing .: 0/153

     Tabulation: Freq.  Value
                    51  2017
                    51  2018
                    51  2019
```

---

foodinsec_15_17   **Food Insecurity 2015-2017**

```
           Type: Numeric (double)
```

```
              Range: [7.4,17.9]                     Units: .1
      Unique values: 51                       Missing .: 102/153

               Mean: 12.3216
          Std. dev.:  2.3786

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

---

region_code   **Region**

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

              Range: [1,4]                          Units: 1
      Unique values: 4                         Missing .: 0/153

         Tabulation: Freq.   Numeric  Label
                        27         1  Northeast
                        36         2  Midwest
                        51         3  South
                        39         4  West
```

---

region_name   **Region_name**

```
               Type: String (str9)

      Unique values: 4                         Missing "": 0/153

         Tabulation: Freq.   Value
                        36   "Midwest"
                        27   "Northeast"
                        51   "South"
                        39   "West"
```

---

division_code   **Division**

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

              Range: [1,9]                          Units: 1
      Unique values: 9                         Missing .: 0/153

         Tabulation: Freq.   Numeric  Label
                        18         1  New England
                         9         2  Middle Atlantic
                        15         3  East North Central
                        21         4  West North Central
                        27         5  South Atlantic
                        12         6  East South Central
                        12         7  West South Central
                        24         8  Mountain
                        15         9  Pacific
```

---

division_name   **Division_name**

```
               Type: String (str18)

      Unique values: 9                         Missing "": 0/153
```

```
           Tabulation: Freq.   Value
                         15   "East North Central"
                         12   "East South Central"
                          9   "Middle Atlantic"
                         24   "Mountain"
                         18   "New England"
                         15   "Pacific"
                         27   "South Atlantic"
                         21   "West North Central"
                         12   "West South Central"

              Warning: Variable has embedded blanks.
```

---

popestimate   **Resident total population estimate**

```
              Type: Numeric (long)

             Range: [577601,39512223]          Units: 1
     Unique values: 153                  Missing .: 0/153

              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 .: 0/153

              Mean: 34628.8
         Std. dev.: 70983.9

       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 .: 0/153

              Mean: 75282.5
         Std. dev.: 87727.8

       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 .: 0/153

              Mean:   55213
         Std. dev.: 56267.7
```

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 .: **0/153**

Mean: **20069.5**
Std. dev.: **36857.5**

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 .: **0/153**

Mean: **14559.3**
Std. dev.: **24804.3**

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 .: **0/153**

Mean: **0**
Std. dev.: **52110.4**

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 .: **0/153**

Mean: **14559.3**
Std. dev.: **57591.8**

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 .: **0/153**

```
           Mean:         0
      Std. dev.: 204.387

    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 .: 0/153

         Mean: 11.7864
    Std. dev.: 1.32141

  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 .: 0/153

         Mean:  8.9498
    Std. dev.: 1.29197

  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 .: 0/153

         Mean: 2.83657
    Std. dev.: 2.23182

  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 .: 0/153

         Mean: 1.81494
    Std. dev.: 1.43806

  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 .: 0/153

Mean: .248632
Std. dev.: 6.16388

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 .: 0/153

Mean: 2.06357
Std. dev.: 6.03568

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 .: **0/153**

Mean: **50380.1**
Std. dev.: **5421.38**

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 .: **0/153**

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 .: **0/153**

Mean: **3.0e+06**
Std. dev.: **3.4e+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 .: **0/153**

             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 .: **0/153**

             Mean: **35176.5**
       Std. dev.: **34949.4**

      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 .: **0/153**

             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 .: **0/153**

             Mean: **51163.4**
       Std. dev.: **49794.3**

      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 .: **0/153**

             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 .: 0/153

              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 .: 7/153

              Mean: 19679.4
         Std. dev.: 36830.6

       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 .: 6/153

              Mean: 24661.6
         Std. dev.: 61032.5

       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 .: 0/153

              Mean: 11498.7
         Std. dev.: 12340.9

       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 .: 2/153
```

```
              Mean: 217081
         Std. dev.: 246735

       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 .: 2/153

              Mean: 266488
         Std. dev.: 270520

       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 .: 0/153

              Mean: 127326
         Std. dev.: 153187

       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 .: 0/153

              Mean: 376925
         Std. dev.: 403494

       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 .: 0/153

              Mean: 168387
         Std. dev.: 209430

       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 .: **0/153** | |

| | Mean: **67286.3** |
| | Std. dev.: **101132** |

| 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 .: **0/153** | |

| | Mean: **208286** |
| | Std. dev.: **250492** |

| 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 .: **0/153** | |

| | Mean: **186332** |
| | Std. dev.: **230260** |

| 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 .: **0/153** | |

| | Mean: **280239** |
| | Std. dev.: **363322** |

| 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 .: **0/153** | |

| | Mean: **52807.8** |
| | Std. dev.: **57639.3** |

| 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 .: **0/153**

          Mean: **243535**
    Std. dev.: **294505**

   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 .: **0/153**

          Mean: **93328.8**
    Std. dev.: **112821**

   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 .: **0/153**

          Mean: **444112**
    Std. dev.: **509570**

   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 .: **0/153**

          Mean: **91871.9**
    Std. dev.: **117794**

   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 .: **0/153**

```
                   Mean: 294753
             Std. dev.: 336361

          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 .: 0/153

                   Mean: 224449
             Std. dev.: 268182

          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 .: 0/153

                   Mean: 481856
             Std. dev.: 504520

          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 .: 0/153

                   Mean: 56111.1
             Std. dev.: 57346.8

          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 .: 0/153

                   Mean:  37902
             Std. dev.: 42353.9

          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 .: **0**/**153**

                 Mean: **387843**
            Std. dev.: **423279**

        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 .: **0**/**153**

                 Mean: **105954**
            Std. dev.: **96608.8**

        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 .: **0**/**153**

                 Mean: **281889**
            Std. dev.: **329534**

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

2 . log close
       name: **<unnamed>**
        log: **C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\Data_Process\DinhNguyen/DAT**
  > **ATEMP/data_usa_demo.scml**
   log type: **smcl**
  closed on: **24 Jun 2021, 10:26:44**

___