STATA®
Statistics/Data analysis

_____

      name: **<unnamed>**
       log: **C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\DataProcess\DinhNguyen/DATA**
> TEMP/data_usa_demo.scml
  log type: **smcl**
 opened on: **23 Jun 2021, 13:50:04**

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\DataProcess\DinhNguyen/DATA
   > TEMP/data_usa_demo.scml
   log type:  smcl
   closed on:  23 Jun 2021, 13:50:04
```