



```

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, 13:32:40

```

```
1 . codebook
```

state_abbrev	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]
unique values: 51
      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]
unique values: 4
      units: 1
    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]
unique values: 9
      units: 1
    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]
unique values: 153
      units: 1
      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]
unique values: 147
      units: 1
      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]
unique values: 153
      units: 1
      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]
unique values: 151
      units: 1
      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]
unique values: 153
      units: 1
      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, 13:32:40

```
