



```

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, 10:45:29

```

```
1 . codebook
```

region_code	Region
-------------	--------

```

type: numeric (byte)
label: region_code

range: [1,4]                units: 1
unique values: 4            missing.: 0/102

tabulation:  Freq.  Numeric  Label
              18      1  Northeast
              24      2  Midwest
              34      3   South
              26      4   West

```

region_name	Region_name
-------------	-------------

```

type: string (str9)

unique values: 4            missing "": 0/102

tabulation:  Freq.  Value
              24  "Midwest"
              18  "Northeast"
              34  "South"
              26  "West"

```

division_code	Division
---------------	----------

```

type: numeric (byte)
label: division_code

range: [1,9]                units: 1
unique values: 9            missing.: 0/102

tabulation:  Freq.  Numeric  Label
              12      1  New England
              6       2  Middle Atlantic
              10      3  East North Central
              14      4  West North Central
              18      5  South Atlantic
              8       6  East South Central
              8       7  West South Central
              16      8  Mountain
              10      9  Pacific

```

division_name	Division_name
---------------	---------------

```

type: string (str18)

unique values: 9            missing "": 0/102

```

```

tabulation:  Freq.  Value
              10  "East North Central"
              8   "East South Central"
              6   "Middle Atlantic"
             16  "Mountain"
             12  "New England"
             10  "Pacific"
             18  "South Atlantic"
             14  "West North Central"
              8   "West South Central"

```

warning: variable has embedded blanks

state_abbr	Abbreviation State
------------	--------------------

```

type: string (str2)
unique values: 51          missing "": 0/102
examples: "FL"
          "MA"
          "NH"
          "SC"

```

state_code	State-level FIPS code
------------	-----------------------

```

type: numeric (byte)
label: state_code
range: [1,56]          units: 1
unique values: 51      missing .: 0/102
examples: 12  Florida
          23  Maine
          34  New Jersey
          45  South Carolina

```

state_name	US State
------------	----------

```

type: string (str20)
unique values: 51          missing "": 0/102
examples: "Florida"
          "Maine"
          "New Jersey"
          "South Carolina"
warning: variable has embedded blanks

```

year	Year
------	------

```

type: numeric (int)
range: [2018,2019]      units: 1
unique values: 2        missing .: 0/102
tabulation:  Freq.  Value
              51  2018
              51  2019

```

popestimate	Resident total population estimate
--------------------	---

```

      type: numeric (long)
      range: [577601,39512223]      units: 1
unique values: 102                missing.: 0/102

      mean: 6.4e+06
      std. dev: 7.3e+06

percentiles:      10%      25%      50%      75%      90%
                  878698  1.8e+06  4.5e+06  7.5e+06  1.3e+07

```

npopchg	Change in resident total population
----------------	--

```

      type: numeric (long)
      range: [-76790,367215]      units: 1
unique values: 102                missing.: 0/102

      mean: 31901.8
      std. dev: 66873.5

percentiles:      10%      25%      50%      75%      90%
                  -4871   1955   8902   38261  100801

```

births	Births
---------------	---------------

```

      type: numeric (long)
      range: [5537,465017]      units: 1
unique values: 102                missing.: 0/102

      mean: 74669
      std. dev: 86935.4

percentiles:      10%      25%      50%      75%      90%
                  10570  18251  53949.5  87338  136914

```

deaths	Deaths
---------------	---------------

```

      type: numeric (long)
      range: [4664,282520]      units: 1
unique values: 102                missing.: 0/102

      mean: 55484.5
      std. dev: 57152.4

percentiles:      10%      25%      50%      75%      90%
                  7337   14416  40376   67977  119884

```

naturalinc	Natural increase
-------------------	-------------------------

```

      type: numeric (long)
      range: [-4679,187439]      units: 1
unique values: 102                missing.: 0/102

      mean: 19184.4
      std. dev: 35036.4

```

percentiles:	10%	25%	50%	75%	90%
	1229	4420	9750	21419	31199

internationalmig	Net international migration
-------------------------	------------------------------------

type:	numeric (long)				
range:	[-992,131600]	units: 1			
unique values:	101	missing .: 0/102			
mean:	12717.4				
std. dev:	21148.7				
percentiles:	10%	25%	50%	75%	90%
	383	1063	4568.5	14913	28426

domesticmig	Net domestic migration
--------------------	-------------------------------

type:	numeric (long)				
range:	[-203414,135530]	units: 1			
unique values:	102	missing .: 0/102			
mean:	0				
std. dev:	52632.7				
percentiles:	10%	25%	50%	75%	90%
	-27223	-12281	-941.5	15588	49680

netmig	Net migration
---------------	----------------------

type:	numeric (long)				
range:	[-134896,267130]	units: 1			
unique values:	102	missing .: 0/102			
mean:	12717.4				
std. dev:	56023				
percentiles:	10%	25%	50%	75%	90%
	-12762	-3807	2167	21167	61579

residual	Residual
-----------------	-----------------

type:	numeric (int)				
range:	[-628,829]	units: 1			
unique values:	85	missing .: 0/102			
mean:	0				
std. dev:	197.482				
percentiles:	10%	25%	50%	75%	90%
	-170	-66	-17.5	39	194

rbirth	Birth rate
---------------	-------------------

type:	numeric (float)	
range:	[8.84867,15.460321]	units: 1.000e-07
unique values:	102	missing .: 0/102

```

      mean: 11.6498
    std. dev: 1.2684

    percentiles:      10%      25%      50%      75%      90%
                     10.0798  11.0177  11.6453  12.2126  13.3351

```

rdeath Death rate

```

      type: numeric (float)

      range: [5.4856443,12.604331]      units: 1.000e-07
    unique values: 102                  missing.: 0/102

      mean: 8.92876
    std. dev: 1.26029

    percentiles:      10%      25%      50%      75%      90%
                     7.52374  8.1899  8.76652  9.9102  10.4521

```

rnaturalinc Natural increase rate

```

      type: numeric (float)

      range: [-2.6020191,9.8117657]      units: 1.000e-09
    unique values: 102                  missing.: 0/102

      mean: 2.72106
    std. dev: 2.16927

    percentiles:      10%      25%      50%      75%      90%
                     .468283  1.41585  2.64403  3.87918  5.30611

```

rinternationalmig Net international migration rate

```

      type: numeric (float)

      range: [-.3308185,6.235795]      units: 1.000e-09
    unique values: 102                  missing.: 0/102

      mean: 1.55977
    std. dev: 1.2752

    percentiles:      10%      25%      50%      75%      90%
                     .200821  .692264  1.36291  1.88507  3.4425

```

rdomesticmig Net domestic migration rate

```

      type: numeric (float)

      range: [-14.587355,15.890627]      units: 1.000e-09
    unique values: 102                  missing.: 0/102

      mean: .373603
    std. dev: 5.99265

    percentiles:      10%      25%      50%      75%      90%
                     -6.18176 -3.91757 -.393141  4.92906  7.12791

```

rnetmig Net migration rate

```

      type: numeric (float)

```

```

      range: [-13.859139,15.562524]      units: 1.000e-09
unique values: 102                      missing .: 0/102

      mean: 1.93337
      std. dev: 5.80158

percentiles:      10%      25%      50%      75%      90%
                  -4.9428  -1.43261  .772521  6.12754  9.46824

```

percap_real_inc	Real per capita income
------------------------	-------------------------------

```

      type: numeric (float)

      range: [41051,67277]      units: 1
unique values: 102            missing .: 0/102

      mean: 50969
      std. dev: 5460.32

percentiles:      10%      25%      50%      75%      90%
                  44754    47026    50063    54518    56356

```

employment_10	Total employment
----------------------	-------------------------

```

      type: numeric (long)

      range: [404465,24602061]      units: 1
unique values: 102                  missing .: 0/102

      mean: 4.0e+06
      std. dev: 4.5e+06

percentiles:      10%      25%      50%      75%      90%
                  609555    932230    2.6e+06    4.9e+06    7.9e+06

```

employment_20	Wage and salary employment
----------------------	-----------------------------------

```

      type: numeric (long)

      range: [291670,18598619]      units: 1
unique values: 102                  missing .: 0/102

      mean: 3.0e+06
      std. dev: 3.4e+06

percentiles:      10%      25%      50%      75%      90%
                  472585    796965    2.0e+06    3.8e+06    6.3e+06

```

employment_40	Proprietors employment
----------------------	-------------------------------

```

      type: numeric (long)

      range: [98863,6003442]      units: 1
unique values: 102                  missing .: 0/102

      mean: 914546
      std. dev: 1.1e+06

percentiles:      10%      25%      50%      75%      90%
                  128489    209289    595673    1.1e+06    1.6e+06

```

employment_50 **Farm proprietors employment**

```

      type:  numeric (long)
    range:  [0,223791]
unique values: 98
           units: 1
           missing.: 0/102

    mean:  35088.2
   std. dev: 34939.8

percentiles:      10%      25%      50%      75%      90%
                  3851    10669    30602.5    49028    67813

```

employment_60 **Nonfarm proprietors employment**

```

      type:  numeric (long)
    range:  [97988,5945806]
unique values: 102
           units: 1
           missing.: 0/102

    mean:  879458
   std. dev: 1.1e+06

percentiles:      10%      25%      50%      75%      90%
                  122758    205438    561289    1.1e+06    1.6e+06

```

employment_70 **Farm employment**

```

      type:  numeric (long)
    range:  [0,273634]
unique values: 101
           units: 1
           missing.: 0/102

    mean:  51039.2
   std. dev: 50043

percentiles:      10%      25%      50%      75%      90%
                  5162    17512    42398    71764    86259

```

employment_80 **Nonfarm employment**

```

      type:  numeric (long)
    range:  [389980,24363469]
unique values: 102
           units: 1
           missing.: 0/102

    mean:  3.9e+06
   std. dev: 4.5e+06

percentiles:      10%      25%      50%      75%      90%
                  593794    923009    2.5e+06    4.8e+06    7.8e+06

```

employment_90 **Private nonfarm employment**

```

      type:  numeric (long)
    range:  [315929,21525859]
unique values: 102
           units: 1
           missing.: 0/102

    mean:  3.4e+06
   std. dev: 4.0e+06

```

percentiles:	10%	25%	50%	75%	90%
	519627	805303	2.2e+06	4.4e+06	6.9e+06

employment_100	Forestry, fishing, and related activities
-----------------------	--

type:	numeric (long)				
range:	[86,261864]	units: 1			
unique values:	98	missing .: 4/102			
mean:	19786.6				
std. dev:	37109.6				
percentiles:	10%	25%	50%	75%	90%
	3191	6666	13550	16515	33668

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

type:	numeric (long)				
range:	[252,416200]	units: 1			
unique values:	98	missing .: 4/102			
mean:	23522.7				
std. dev:	58880.7				
percentiles:	10%	25%	50%	75%	90%
	1232	4009	9827	20056	40914

employment_300	Utilities
-----------------------	------------------

type:	numeric (long)				
range:	[1231,60079]	units: 1			
unique values:	102	missing .: 0/102			
mean:	11455.9				
std. dev:	12307.6				
percentiles:	10%	25%	50%	75%	90%
	2116	3774	8037.5	13673	24466

employment_400	Construction
-----------------------	---------------------

type:	numeric (long)				
range:	[17961,1250873]	units: 1			
unique values:	102	missing .: 0/102			
mean:	218336				
std. dev:	251687				
percentiles:	10%	25%	50%	75%	90%
	32681	57044	144503	265058	374764

employment_500	Manufacturing
-----------------------	----------------------

type:	numeric (long)	
range:	[2154,1425642]	units: 1
unique values:	101	missing .: 0/102


```

      mean: 264905
    std. dev: 272124

    percentiles:      10%      25%      50%      75%      90%
                     27705    58297    172812    366623    605213

```

employment_600 **Wholesale trade**

```

      type: numeric (long)

      range: [5497,787245]      units: 1
    unique values: 102      missing .: 0/102

      mean: 127333
    std. dev: 153135

    percentiles:      10%      25%      50%      75%      90%
                     18310    25568    80593    138456    257132

```

employment_700 **Retail trade**

```

      type: numeric (long)

      range: [26774,2082200]    units: 1
    unique values: 102      missing .: 0/102

      mean: 375729
    std. dev: 403474

    percentiles:      10%      25%      50%      75%      90%
                     57587    110694    260100    463324    706992

```

employment_800 **Transportation and warehousing**

```

      type: numeric (long)

      range: [9382,1219163]    units: 1
    unique values: 102      missing .: 0/102

      mean: 174142
    std. dev: 217277

    percentiles:      10%      25%      50%      75%      90%
                     21081    32079    103446    196632    390380

```

employment_900 **Information**

```

      type: numeric (long)

      range: [4594,645770]    units: 1
    unique values: 102      missing .: 0/102

      mean: 67552
    std. dev: 102423

    percentiles:      10%      25%      50%      75%      90%
                     6981    14334    34763    86465    139418

```

employment_1000 **Finance and insurance**

```

      type: numeric (long)

```

```

      range: [11734,1127472]          units: 1
unique values: 102                    missing.: 0/102

      mean: 211935
      std. dev: 255609

percentiles:      10%      25%      50%      75%      90%
                  27822    43396    121448    255085    430389

```

employment_1100	Real estate and rental and leasing
------------------------	---

```

      type: numeric (long)

      range: [16269,1251248]          units: 1
unique values: 102                    missing.: 0/102

      mean: 189266
      std. dev: 234270

percentiles:      10%      25%      50%      75%      90%
                  27473    43035    121826    229393    328864

```

employment_1200	Professional, scientific, and technical services
------------------------	---

```

      type: numeric (long)

      range: [18444,2154279]          units: 1
unique values: 102                    missing.: 0/102

      mean: 284592
      std. dev: 370272

percentiles:      10%      25%      50%      75%      90%
                  38739    64565    160877    388158    587144

```

employment_1300	Management of companies and enterprises
------------------------	--

```

      type: numeric (long)

      range: [1916,288961]            units: 1
unique values: 102                    missing.: 0/102

      mean: 54028.4
      std. dev: 59440.8

percentiles:      10%      25%      50%      75%      90%
                  4110     10597    32316.5    77499    148203

```

employment_1400	Administrative and support and waste management and remediation services
------------------------	---

```

      type: numeric (long)

      range: [14116,1544512]          units: 1
unique values: 102                    missing.: 0/102

      mean: 245572
      std. dev: 297934

percentiles:      10%      25%      50%      75%      90%
                  26524    57322    155928    314986    516832

```

employment_1500	Educational services
------------------------	-----------------------------

```

      type:  numeric (long)
    range:  [4087,556247]
unique values: 102
      units: 1
      missing.: 0/102

    mean:  93646.1
    std. dev: 113511

percentiles:      10%      25%      50%      75%      90%
                  10122    22553    57065    109465    242293

```

employment_1600	Health care and social assistance
------------------------	--

```

      type:  numeric (long)
    range:  [30637,2797215]
unique values: 102
      units: 1
      missing.: 0/102

    mean:  448380
    std. dev: 516855

percentiles:      10%      25%      50%      75%      90%
                  76062    118985    278121    516599    912213

```

employment_1700	Arts, entertainment, and recreation
------------------------	--

```

      type:  numeric (long)
    range:  [8148,712728]
unique values: 102
      units: 1
      missing.: 0/102

    mean:  93507.8
    std. dev: 120178

percentiles:      10%      25%      50%      75%      90%
                  14848    23217    57564    114345    176639

```

employment_1800	Accommodation and food services
------------------------	--

```

      type:  numeric (long)
    range:  [35661,1869267]
unique values: 102
      units: 1
      missing.: 0/102

    mean:  297145
    std. dev: 340470

percentiles:      10%      25%      50%      75%      90%
                  45511    76680    204098    336390    523311

```

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

```

      type:  numeric (long)
    range:  [18291,1497926]
unique values: 102
      units: 1
      missing.: 0/102

    mean:  228188
    std. dev: 273826

```

percentiles:	10%	25%	50%	75%	90%
	30673	52910	136040	254523	438238

employment_2000	Government and government enterprises
------------------------	--

type:	numeric (long)	
range:	[57902,2837610]	units: 1
unique values:	102	missing .: 0/102
mean:	483265	
std. dev:	507722	
percentiles:	10%	25%
	88428	175738
	50%	75%
	359516	612112
	90%	875355

employment_2001	Federal civilian
------------------------	-------------------------

type:	numeric (long)	
range:	[5692,248689]	units: 1
unique values:	102	missing .: 0/102
mean:	56156.9	
std. dev:	57445.8	
percentiles:	10%	25%
	11115	17645
	50%	75%
	34611.5	72866
	90%	143148

employment_2002	Military
------------------------	-----------------

type:	numeric (long)	
range:	[3953,206057]	units: 1
unique values:	102	missing .: 0/102
mean:	37941.2	
std. dev:	42519.3	
percentiles:	10%	25%
	7785	11872
	50%	75%
	20556.5	44445
	90%	91984

employment_2010	State and local
------------------------	------------------------

type:	numeric (long)	
range:	[42232,2384397]	units: 1
unique values:	102	missing .: 0/102
mean:	389167	
std. dev:	426243	
percentiles:	10%	25%
	61699	114765
	50%	75%
	286825	509707
	90%	698228

employment_2011	State government
------------------------	-------------------------

type:	numeric (long)	
range:	[0,563115]	units: 1
unique values:	101	missing .: 0/102

```

      mean:    106225
    std. dev:  97344.9

percentiles:      10%      25%      50%      75%      90%
                  23386    34448    81843    141470    188781

```

employment_2012 **Local government**

```

      type:  numeric (long)

      range:  [19262,1821282]      units:  1
unique values: 102                missing .:  0/102

      mean:    282941
    std. dev:  331789

percentiles:      10%      25%      50%      75%      90%
                  42232    69850    212009    357227    520111

```

foodinsec_15_17 **Food Insecurity 2015-2017**

```

      type:  numeric (byte)

      range:  [.,.]      units:  .
unique values: 0        missing .:  102/102

      tabulation:  Freq.  Value
                   102    .

```

```

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, 10:45:29

```
