



```

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, 12:23:38

```

```
1 . codebook
```

state_abbrev	Abbreviation State
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```

Type: String (str2)
Unique values: 52          Missing "": 0/156
Examples: "GA"
          "MD"
          "NH"
          "SC"

```

state_code	State-level FIPS code
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```

Type: Numeric (byte)
Label: state_code
Range: [1,72]          Units: 1
Unique values: 52      Missing .: 0/156
Examples: 13   Georgia
          24   Maryland
          34   New Jersey
          46   South Dakota

```

state_name	US State
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```

Type: String (str20)
Unique values: 52          Missing "": 0/156
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 .: 0/156
Tabulation: Freq.  Value
              52   2017
              52   2018
              52   2019

```

foodinsec_15_17	Food Insecurity 2015-2017
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```
Type: Numeric (double)
```

Range: [7.4,17.9] Units: .1
 Unique values: 51 Missing .: 3/156

 Mean: 12.3216
 Std. dev.: 2.3629

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

region_code	Region
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Type: Numeric (byte)
 Label: region_code

 Range: [1,5] Units: 1
 Unique values: 5 Missing .: 0/156

 Tabulation: Freq. Numeric Label
 27 1 Northeast
 36 2 Midwest
 51 3 South
 39 4 West
 3 5 Caribbean

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

Type: String (str9)
 Unique values: 5 Missing "": 0/156

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

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

Type: Numeric (byte)
 Label: division_code

 Range: [1,10] Units: 1
 Unique values: 10 Missing .: 0/156

 Examples: 3 East North Central
 4 West North Central
 6 East South Central
 8 Mountain

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

Type: String (str18)
 Unique values: 10 Missing "": 0/156

 Examples: "Middle Atlantic"
 "Mountain"
 "Pacific"
 "West North Central"

 Warning: Variable has embedded blanks.

poestimate **Resident total population estimate**

Type: Numeric (**long**)

Range: [577601,39512223] Units: 1
 Unique values: 156 Missing .: 0/156

Mean: 6.3e+06
 Std. dev.: 7.2e+06

Percentiles: 10% 25% 50% 75% 90%
 872868 1.8e+06 4.3e+06 7.4e+06 1.3e+07

npopchg **Change in resident total population**

Type: Numeric (**long**)

Range: [-131932,380863] Units: 1
 Unique values: 156 Missing .: 0/156

Mean: 32597.7
 Std. dev.: 72183.4

Percentiles: 10% 25% 50% 75% 90%
 -6233 1012 9875 41752.5 103091

births **Births**

Type: Numeric (**long**)

Range: [5537,481943] Units: 1
 Unique values: 156 Missing .: 0/156

Mean: 74282.2
 Std. dev.: 87170.2

Percentiles: 10% 25% 50% 75% 90%
 10683 20149 52469 85179.5 137982

deaths **Deaths**

Type: Numeric (**long**)

Range: [4463,282520] Units: 1
 Unique values: 156 Missing .: 0/156

Mean: 54721.3
 Std. dev.: 55831.8

Percentiles: 10% 25% 50% 75% 90%
 7337 15066.5 39691 66625 122177

naturalinc **Natural increase**

Type: Numeric (**long**)

Range: [-8533,216702] Units: 1
 Unique values: 156 Missing .: 0/156

Mean: 19560.9
 Std. dev.: 36681.9

Percentiles:	10%	25%	50%	75%	90%
	619	4426.5	9542	21874	33662

internationalmig	Net international migration
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Type: Numeric (**long**)

Range: [-123399,160385] Units: 1
Unique values: **155** Missing .: 0/156

Mean: **13036.7**
Std. dev.: **27921.4**

Percentiles:	10%	25%	50%	75%	90%
	454	1980	5155	14985	32574

domesticmig	Net domestic migration
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Type: Numeric (**long**)

Range: [-203414,164257] Units: 1
Unique values: **154** Missing .: 0/156

Mean: **0**
Std. dev.: **51603.6**

Percentiles:	10%	25%	50%	75%	90%
	-27406	-11922.5	-884.5	12487.5	49680

netmig	Net migration
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Type: Numeric (**long**)

Range: [-134896,324642] Units: 1
Unique values: **156** Missing .: 0/156

Mean: **13036.7**
Std. dev.: **58556.5**

Percentiles:	10%	25%	50%	75%	90%
	-23005	-5450.5	3930	21504	61579

residual	Residual
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Type: Numeric (**int**)

Range: [-628,829] Units: 1
Unique values: **122** Missing .: 0/156

Mean: **0**
Std. dev.: **202.399**

Percentiles:	10%	25%	50%	75%	90%
	-180	-65.5	-12	44	199

rbirth	Birth rate
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Type: Numeric (**float**)

Range: [6.7098289,16.201117] Units: **1.000e-07**
Unique values: **156** Missing .: 0/156

Mean: **11.6962**
 Std. dev.: **1.46082**

Percentiles: 10% 25% 50% 75% 90%
9.94234 11.0285 11.7664 12.3505 13.5095

rdeath **Death rate**

Type: Numeric (**float**)

Range: [**5.4856443,12.687407**] Units: **1.000e-07**
 Unique values: **156** Missing .: **0/156**

Mean: **8.95193**
 Std. dev.: **1.28007**

Percentiles: 10% 25% 50% 75% 90%
7.44249 8.18439 8.85027 9.81843 10.5615

rnaturalinc **Natural increase rate**

Type: Numeric (**float**)

Range: [**-2.6180308,10.385957**] Units: **1.000e-09**
 Unique values: **156** Missing .: **0/156**

Mean: **2.74431**
 Std. dev.: **2.30905**

Percentiles: 10% 25% 50% 75% 90%
.136781 1.42431 2.65644 3.96639 5.42317

rinternationalmig **Net international migration rate**

Type: Numeric (**float**)

Range: [**-37.860352,7.715066**] Units: **1.000e-09**
 Unique values: **156** Missing .: **0/156**

Mean: **1.40396**
 Std. dev.: **4.0078**

Percentiles: 10% 25% 50% 75% 90%
.302427 .795378 1.41762 2.42489 3.76098

rdomesticmig **Net domestic migration rate**

Type: Numeric (**float**)

Range: [**-14.587355,15.890627**] Units: **1.000e-09**
 Unique values: **154** Missing .: **0/156**

Mean: **.243851**
 Std. dev.: **6.10404**

Percentiles: 10% 25% 50% 75% 90%
-6.63475 -3.67957 -.315936 4.80245 7.90132

rnetmig **Net migration rate**

Type: Numeric (**float**)

Range: [-37.860352,15.616388] Units: 1.000e-09
 Unique values: 156 Missing : 0/156

 Mean: 1.64781
 Std. dev.: 7.06836

 Percentiles: 10% 25% 50% 75% 90%
 -5.72574 -1.57508 .889405 6.52458 10.8789

percap_real_inc **Real per capita income**

Type: Numeric (**float**)

 Range: [40794,67277] Units: 1
 Unique values: 153 Missing : 3/156

 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 : 3/156

 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 : 3/156

 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 : 3/156

 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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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
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Type: Numeric (**long**)

Range: [84,261864] Units: 1
Unique values: 146 Missing .: 10/156

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
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Type: Numeric (**long**)

Range: [252,453294] Units: 1
Unique values: 147 Missing .: 9/156

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 .: 3/156

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 .: 5/156

Mean: 217081
Std. dev.: 246735

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

employment_500	Manufacturing
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Type: Numeric (**long**)

Range: [2154,1425642] Units: 1
Unique values: 150 Missing .: 5/156

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 .: 3/156

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 .: 3/156

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 .: 3/156

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 .: 3/156

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 : 3/156

 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 : 3/156

 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 : 3/156

 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 : 3/156

 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 : 3/156

 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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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 .: **3/156**

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**]
 Unique values: **153**

Units: **1**
 Missing .: **3/156**

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

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

povrate15**Poverty rate 2015**

Type: Numeric (**double**)

Range: [**9.6125,25.22439**]
 Unique values: **51**

Units: **1.000e-08**
 Missing .: **3/156**

Mean: **15.3137**
 Std. dev.: **3.88638**

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**]
 Unique values: **51**

Units: **1.000e-07**
 Missing .: **3/156**

Mean: **21.7849**
 Std. dev.: **5.88606**

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

```
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, 12:23:38
```
