



```

name: <unnamed>
log: C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\Data_Process\DinhNguyen\DAT
> ATEMP\data_usa_demo&age_race.scml
log type: smcl
opened on: 24 Jun 2021, 12:23:38

```

```
1 . codebook
```

region_code	Region
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```

Type: Numeric (byte)
Label: region_code

Range: [1,4]                      Units: 1
Unique values: 4                  Missing .: 0/6,426

Tabulation: Freq.   Numeric   Label
              1,134         1 Northeast
              1,512         2 Midwest
              2,142         3 South
              1,638         4 West

```

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

```

Type: String (str9)

Unique values: 4                  Missing "": 0/6,426

Tabulation: Freq.   Value
              1,512  "Midwest"
              1,134  "Northeast"
              2,142  "South"
              1,638  "West"

```

division_code	Division
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```

Type: Numeric (byte)
Label: division_code

Range: [1,9]                      Units: 1
Unique values: 9                  Missing .: 0/6,426

Tabulation: Freq.   Numeric   Label
              756         1 New England
              378         2 Middle Atlantic
              630         3 East North Central
              882         4 West North Central
              1,134        5 South Atlantic
              504         6 East South Central
              504         7 West South Central
              1,008        8 Mountain
              630         9 Pacific

```

division_name	Division_name
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```

Type: String (str18)

Unique values: 9                  Missing "": 0/6,426

```

```

Tabulation: Freq.  Value
              630  "East North Central"
              504  "East South Central"
              378  "Middle Atlantic"
            1,008  "Mountain"
              756  "New England"
              630  "Pacific"
            1,134  "South Atlantic"
              882  "West North Central"
              504  "West South Central"

```

Warning: Variable has embedded blanks.

state_abbr	Abbreviation State
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Type: String (str2)

Unique values: 51

Missing "": 0/6,426

Examples: "GA"
 "MD"
 "NH"
 "SC"

state_code	State-level FIPS code
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Type: Numeric (byte)
 Label: state_code

Range: [1,56]

Units: 1

Unique values: 51

Missing .: 0/6,426

Examples: 13 Georgia
 24 Maryland
 34 New Jersey
 45 South Carolina

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

Type: String (str20)

Unique values: 51

Missing "": 0/6,426

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 .: 0/6,426

```

Tabulation: Freq.  Value
              2,142  2017
              2,142  2018
              2,142  2019

```

foodinsec_15_17**Food Insecurity 2015-2017**

Type: Numeric (**double**)

Range: [7.4,17.9] Units: .1
 Unique values: 51 Missing .: 0/6,426

Mean: 12.3216
 Std. dev.: 2.35535

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

popestimate**Resident total population estimate**

Type: Numeric (**long**)

Range: [577601,39512223] Units: 1
 Unique values: 153 Missing .: 0/6,426

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 .: 0/6,426

Mean: 34628.8
 Std. dev.: 70757

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 .: 0/6,426

Mean: 75282.5
 Std. dev.: 87447.4

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 .: 0/6,426

Mean: 55213
 Std. dev.: 56087.9

Percentiles:	10%	25%	50%	75%	90%
	7337	14551	40329	67950	122177

naturalinc**Natural increase**Type: Numeric (**long**)

Range: [-**4679,216702**]
 Unique values: **153**

Units: **1**
 Missing .: **0/6,426**

Mean: **20069.5**
 Std. dev.: **36739.8**

Percentiles:	10%	25%	50%	75%	90%
	1229	4555	9761	22108	33662

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

Range: [-**992,160385**]
 Unique values: **152**

Units: **1**
 Missing .: **0/6,426**

Mean: **14559.3**
 Std. dev.: **24725.1**

Percentiles:	10%	25%	50%	75%	90%
	513	2039	5296	15011	32574

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

Range: [-**203414,164257**]
 Unique values: **153**

Units: **1**
 Missing .: **0/6,426**

Mean: **0**
 Std. dev.: **51943.9**

Percentiles:	10%	25%	50%	75%	90%
	-27406	-12281	-1012	15588	49680

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

Range: [-**134896,324642**]
 Unique values: **153**

Units: **1**
 Missing .: **0/6,426**

Mean: **14559.3**
 Std. dev.: **57407.7**

Percentiles:	10%	25%	50%	75%	90%
	-12486	-4998	4220	21841	61579

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

Range: [-**628,829**]
 Unique values: **121**

Units: **1**
 Missing .: **0/6,426**

Mean: 0
 Std. dev.: 203.733
 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 : 0/6,426
 Mean: 11.7864
 Std. dev.: 1.31719
 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 : 0/6,426
 Mean: 8.9498
 Std. dev.: 1.28784
 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 : 0/6,426
 Mean: 2.83657
 Std. dev.: 2.22469
 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 : 0/6,426
 Mean: 1.81494
 Std. dev.: 1.43347
 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 : 0/6,426

Mean: .248632
 Std. dev.: 6.14418

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 : 0/6,426

Mean: 2.06357
 Std. dev.: 6.01639

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 : 0/6,426

Mean: 50380.1
 Std. dev.: 5404.05

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 : 0/6,426

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 : 0/6,426

Mean: 3.0e+06
 Std. dev.: 3.3e+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 .: 0/6,426

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 .: 0/6,426

Mean: 35176.5
Std. dev.: 34837.7

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 .: 0/6,426

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 .: 0/6,426

Mean: 51163.4
Std. dev.: 49635.2

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 .: 0/6,426

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
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Type: Numeric (**long**)

Range: [309057,21525859] Units: 1
Unique values: 153 Missing .: 0/6,426

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 .: 294/6,426

Mean: 19679.4
Std. dev.: 36707.2

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 .: 252/6,426

Mean: 24661.6
Std. dev.: 60829.5

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 .: 0/6,426

Mean: 11498.7
Std. dev.: 12301.5

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 .: 84/6,426

Mean: **217081**
 Std. dev.: **245936**

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 .: 84/6,426

Mean: **266488**
 Std. dev.: **269644**

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 .: 0/6,426

Mean: **127326**
 Std. dev.: **152698**

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 .: 0/6,426

Mean: **376925**
 Std. dev.: **402204**

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 .: 0/6,426

Mean: **168387**
 Std. dev.: **208761**

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 : 0/6,426

 Mean: 67286.3
 Std. dev.: 100809

 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 : 0/6,426

 Mean: 208286
 Std. dev.: 249691

 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 : 0/6,426

 Mean: 186332
 Std. dev.: 229524

 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 : 0/6,426

 Mean: 280239
 Std. dev.: 362160

 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 : 0/6,426

 Mean: 52807.8
 Std. dev.: 57455.1

 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**]
Unique values: **153**Units: **1**
Missing .: **0/6,426**Mean: **243535**
Std. dev.: **293563**

Percentiles:	10%	25%	50%	75%	90%
	25285	57322	155475	311878	516832

employment_1500**Educational services**

Type: Numeric (**long**)Range: [**4087,556247**]
Unique values: **153**Units: **1**
Missing .: **0/6,426**Mean: **93328.8**
Std. dev.: **112461**

Percentiles:	10%	25%	50%	75%	90%
	10122	22553	57097	107720	242293

employment_1600**Health care and social assistance**

Type: Numeric (**long**)Range: [**30042,2797215**]
Unique values: **153**Units: **1**
Missing .: **0/6,426**Mean: **444112**
Std. dev.: **507941**

Percentiles:	10%	25%	50%	75%	90%
	74665	118985	275671	512762	912213

employment_1700**Arts, entertainment, and recreation**

Type: Numeric (**long**)Range: [**8050,712728**]
Unique values: **153**Units: **1**
Missing .: **0/6,426**Mean: **91871.9**
Std. dev.: **117418**

Percentiles:	10%	25%	50%	75%	90%
	14561	23040	56137	111565	174207

employment_1800**Accommodation and food services**

Type: Numeric (**long**)Range: [**35503,1869267**]
Unique values: **153**Units: **1**
Missing .: **0/6,426**

Mean: **294753**
 Std. dev.: **335286**

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 .: 0/6,426

Mean: **224449**
 Std. dev.: **267325**

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 .: 0/6,426

Mean: **481856**
 Std. dev.: **502907**

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 .: 0/6,426

Mean: **56111.1**
 Std. dev.: **57163.5**

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 .: 0/6,426

Mean: **37902**
 Std. dev.: **42218.6**

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 : 0/6,426

Mean: 387843
 Std. dev.: 421927

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 : 0/6,426

Mean: 105954
 Std. dev.: 96300.1

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 : 0/6,426

Mean: 281889
 Std. dev.: 328480

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

povrate15 **Poverty rate 2015**

Type: Numeric (**double**)

Range: [9.6125,25.22439] Units: 1.000e-08
 Unique values: 51 Missing : 0/6,426

Mean: 15.3137
 Std. dev.: 3.87396

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] Units: 1.000e-07
 Unique values: 51 Missing : 0/6,426

Mean: 21.7849
 Std. dev.: 5.86725

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

age_group	Age group
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```

      Type: Numeric (byte)
      Label: lab_age_group

      Range: [1,6]
Unique values: 6
      Units: 1
Missing .: 0/6,426

      Tabulation: Freq.   Numeric   Label
                  1,071       1    18-24
                  1,071       2    25-34
                  1,071       3    35-44
                  1,071       4    45-54
                  1,071       5    55-64
                  1,071       6    65+

```

race	RACE
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```

      Type: Numeric (byte)
      Label: lab_race

      Range: [1,7]
Unique values: 7
      Units: 1
Missing .: 0/6,426

      Tabulation: Freq.   Numeric   Label
                  918         1    White Alone
                  918         2    Black or African American Alone
                  918         3    American Indian or Alaska
                                Native Alone
                  918         4    Asian Alone
                  918         5    Native Hawaiian and Other
                                Pacific Islander Alone
                  918         6    Two or more races
                  918         7    Hispanic

```

```

2 . log close
   name: <unnamed>
   log:  C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\Data_Process\DinhNguyen\DAT
> ATEMP\data_usa_demo&age_race.scml
   log type: smcl
   closed on: 24 Jun 2021, 12:23:39

```
