

Codebook for High School District Module

Wisconsin High School District Information for 1954-1957

This data set was prepared by Deena Ackerman & Craig Olson. See Appendix B
cor723.asc
for details of construction and more information about selected variables.

The file hsdistrict contains one record for each of the 326 districts.
This file is available as a SAS permanent data file, a Stata data file
and an SPSS data file. Value labels are included in the Stata and SPSS save files.

The codebook for hsdistrict follows as part of this document.

The variable discode in wls57_2007 can be matched with the variable discode in
hsdistrict
data set to join selected variables from hsdistrict to selected variables
from wls57_2007.

NOTES ON READING THIS CODEBOOK

This codebook is an edited version of the codebook generated by Stata 6 and
is structured as follows:

- The type of variable, range, number of unique values (324 for all variables), missing value code, mean, and standard deviation for each variable appear below the variable description.
- To the right of this is the units for the variable and the number of values coded missing. Units appears as a 1 if the variable is an integer and as a 1 followed by a decimal point and a zero for each decimal place the variable has. (Note that this is a slightly different scheme from that of Stata).
Number of cases coded missing appears in the form number of missing out of 324 (total number of cases).
- Below this is the percentile breakdown for the variable. This provides a more detailed look at the distribution of the variable. The first number in the percentile section appears below the heading 10% and is the value that 10% of the cases for that variable fall below. The number appearing under the 25% heading is the value that 25% of the cases for that variable fall below, and so forth. These variables are recorded for entire districts and not individual high schools within districts. Thus the percentile distribution is more informative than the range for variables where the maximum value is much higher than the 90% percentile point, which occurs because a small number of school districts (such as Milwaukee and Madison) are much larger than the majority of school districts in the state.
- The majority of variables also have a note below the percentile distribution. This provides further description of the variable and notes other information (particularly coding of missing values) that may be useful in analysis.

Unless otherwise specified or a particular year is indicated for the variable, all variables are a mean for the district over the four years (or the number of years reported).

district ----- district name
type: string (str22), but longest is str21

unique values: 324 coded missing: 0 / 324

examples:

warning: variable has embedded blanks

discode ----- disrict code number

type: numeric (float)

range: [1,342] units: 1
unique values: 324 coded missing: 0 / 324

mean: 176.978
std. dev: 97.4917

percentiles:	10%	25%	50%	75%	90%
	41	94.5	178.5	261.5	310

NOTE: This is a unique district identifier that can be used to link the DPI data to the WLS data.

en_b9_4 ----- enrolled male 9th grade 1954

type: numeric (float)

range: [4,2980] units: 1
unique values: 107 coded missing: 2 / 324
missing value code: 9999

mean: 62.587
std. dev: 175.726

percentiles:	10%	25%	50%	75%	90%
	15	21	33	55	99

NOTE: This variable is 1954 ninth grade male enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_b9_5 ----- enrolled male 9th grade 1955

type: numeric (float)

range: [2,2939] units: 1
unique values: 110 coded missing: 4 / 324
missing value code: 9999

mean: 62.1938
std. dev: 174.085

percentiles:	10%	25%	50%	75%	90%
	14	20	34	55.5	105.5

NOTE: This variable is 1955 ninth grade male enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_b9_6 ----- enrolled male 9th grade 1956

```

      type:  numeric (float)

      range:  [5,3068]
unique values: 110
missing value code: 9999

      mean:    64.5506
      std. dev: 182.06

percentiles:   10%      25%      50%      75%      90%
               15       22       34       57.5     105
```

NOTE: This variable is 1956 ninth grade male enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_b9_7 ----- enrolled male 9th grade 1957

```

      type:  numeric (float)

      range:  [4,3559]
unique values: 116
missing value code: 9999

      mean:    70.828
      std. dev: 211.892

percentiles:   10%      25%      50%      75%      90%
               16       23      37.5      60      109
```

NOTE: This variable is 1957 ninth grade male enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_g9_4 ----- enrolled female 9th grade 1954

```

      type:  numeric (float)

      range:  [4,2869]
unique values: 102
missing value code: 9999

      mean:    59.4193
      std. dev: 168.903

percentiles:   10%      25%      50%      75%      90%
               14       20       32       50       93
```

NOTE: This variable is 1954 ninth grade female enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_g9_5 ----- enrolled female 9th grade 1955

```

      type:  numeric (float)
```

range: [3,2805] units: 1
unique values: 109 coded missing: 4 / 324
missing value code: 9999

mean: 60.6063
std. dev: 167.023

percentiles:	10%	25%	50%	75%	90%
	13	20	34	53.5	102.5

NOTE: This variable is 1955 ninth grade female enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_g9_6 ----- enrolled female 9th grade 1956
type: numeric (float)

range: [5,2986] units: 1
unique values: 108 coded missing: 8 / 324
missing value code: 9999

mean: 62.8418
std. dev: 177.227

percentiles:	10%	25%	50%	75%	90%
	14	22	33	54	112

NOTE: This variable is 1956 ninth grade female enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_g9_7 ----- enrolled female 9th grade 1957
type: numeric (float)

range: [5,3451] units: 1
unique values: 119 coded missing: 10 / 324
missing value code: 9999

mean: 68.9968
std. dev: 205.668

percentiles:	10%	25%	50%	75%	90%
	14	21	35	61	111

NOTE: This variable is 1957 ninth grade female enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_b12_7 ----- enrolled male 12th grade 1957
type: numeric (float)

range: [4,1961] units: 1
unique values: 94 coded missing: 12 / 324
missing value code: 9999

mean: 49.1859
std. dev: 120.556

percentiles:	10%	25%	50%	75%	90%
	12	17	26	42	82

NOTE: This variable is 1957 twelfth grade male enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_g12_7 ----- enrolled female 12th grade 1957
type: numeric (float)

range:	[3,2133]	units:	1
unique values:	95	coded missing:	12 / 324
missing value code:	9999		
mean:	50.4904		
std. dev:	130.685		

percentiles:	10%	25%	50%	75%	90%
	12	17	27	42	86

NOTE: This variable is 1957 twelfth grade female enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_bt_7 ----- enrolled male total 1957
type: numeric (float)

range:	[20,10958]	units:	1
unique values:	195	coded missing:	10 / 324
missing value code:	99999		
mean:	236.487		
std. dev:	658.069		

percentiles:	10%	25%	50%	75%	90%
	56	80	124.5	198	365

NOTE: This variable is 1957 total male enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

en_gt_7 ----- enrolled female total 1957
type: numeric (float)

range:	[19,10997]	units:	1
unique values:	190	coded missing:	10 / 324
missing value code:	99999		
mean:	235.596		
std. dev:	660.012		

percentiles:	10%	25%	50%	75%	90%
	55	79	122.5	206	384

NOTE: This variable is 1957 total female enrollment for the entire district not individual schools within the district. The extreme maximum value for this variable is not an error. It represents the Milwaukee school district.

```
te_clast ----- # teachers - hs gr 9-12 incl
              type: numeric (float)

              range: [2.675,898]          units: 1.000
unique values: 289                      coded missing: 0 / 324

              mean: 20.6652
              std. dev: 53.106

percentiles: 10%      25%      50%      75%      90%
              6.425    8.55    11.675   17.5304   31.525
```

NOTE: This variable is the number of classroom teachers in grades 9 through 12, averaged over the four years (or as many years as are available). There was some minor cleaning involved to substitute missing information from the dpi forms with accurate information since `te_clast + te_supt + te_assup + te_princ` should equal `te_tea_t`. Those remaining observations for which it was still impossible to determine the number of teachers were all very incomplete reports and are not included in this sample. This cleaning was done on the district/year level.

```
te_princ ----- # principals
              type: numeric (float)

              range: [0,35]              units: 1.0000
unique values: 107                      coded missing: 0 / 324

              mean: 1.04355
              std. dev: 2.0375

percentiles: 10%      25%      50%      75%      90%
              .25      .5      .85625    1      1.625
```

NOTE: This variable is the number of principals in grades 9 through 12, averaged over the four years (or as many years as are available). There was some minor cleaning involved to substitute missing information from the dpi forms with accurate information since `te_clast + te_supt + te_assup + te_princ` should equal `te_tea_t`. Those remaining observations for which it was still impossible to determine the number of teachers were all very incomplete reports and are not included in this sample. This cleaning was done on the district/year level.

```
te_assup ----- # assist superintendent
              type: numeric (float)

              range: [0,2.5]            units: 1.00000
unique values: 17                      coded missing: 0 / 324

              mean: .06159
              std. dev: .267177

percentiles: 10%      25%      50%      75%      90%
```

0 0 0 0 .125

NOTE: This variable is the number of assistant superintendents in grades 9 through 12, averaged over the four years (or as many years as are available). There was some minor cleaning involved to substitute missing information from the dpi forms with accurate information since `te_clast + te_supt + te_assup + te_princ` should equal `te_tea_t`. Those remaining observations for which it was still impossible to determine the number of teachers were all very incomplete reports and are not included in this sample. This cleaning was done on the district/year level.

```
te_supt ----- # superintendents
              type: numeric (float)

              range: [0,8.75]                units: 1.00000
unique values: 59                            coded missing: 0 / 324

              mean: .372775
              std. dev: .658869

percentiles:  10%      25%      50%      75%      90%
              0        0        .25      .5       .875
```

NOTE: This variable is the number of superintendents in grades 9 through 12, averaged over the four years (or as many years as are available). There was some minor cleaning involved to substitute missing information from the dpi forms with accurate information since `te_clast + te_supt + te_assup + te_princ` should equal `te_tea_t`. Those remaining observations for which it was still impossible to determine the number of teachers were all very incomplete reports and are not included in this sample. This cleaning was done on the district/year level.

```
te_tea_t ----- # teaches - total hs tchrs
              type: numeric (float)

              range: [3.575,964]              units: 1.0000
unique values: 305                            coded missing: 0 / 324

              mean: 22.0114
              std. dev: 56.7225

percentiles:  10%      25%      50%      75%      90%
              7.0125    9.25     12.655   18.4438   32.95
```

NOTE: This variable is the total number of teaching staff in the district for grades 9 through 12, averaged over the four years (or as many years as are available). There was some minor cleaning involved to substitute missing information from the dpi forms with accurate information since `te_clast + te_supt + te_assup + te_princ` should equal `te_tea_t`. Those remaining observations for which it was still impossible to determine the number of teachers were all very incomplete reports and are not included in this sample. This cleaning was done on the district/year level.

```
t_sal_m ----- ave teacher salary male
              type: numeric (float)
```

```

        range: [3131.25,5925.5366]          units: 1.00
unique values: 316                          coded missing: 0 / 324

        mean: 4220.14
        std. dev: 420.592

percentiles:    10%      25%      50%      75%      90%
                3807.58  3946.61  4152.94  4357.35  4719.66

```

NOTE: This only includes salaries for high school teachers. Salaries are averaged over the four years (or as many years as are available). One district has no male teachers reported. This district had no female teachers either.

t_sal_f ----- ave teacher salary female
type: numeric (float)

```

        range: [2419.231,5814.5713]          units: .0001
unique values: 286                          coded missing: 0 / 324

        mean: 3740.01
        std. dev: 465.544

percentiles:    10%      25%      50%      75%      90%
                3337.5   3479.38  3663.22  3840.54  4266.63

```

NOTE: This only includes salaries for high school teachers. Salaries are averaged over the four years (or as many years as are available). Nine districts had no female teachers.

t_pm ----- percent of teaching force male
type: numeric (float)

```

        range: [.35847822,.86986619]          units: 1.000e-08
unique values: 310                          coded missing: 0 / 324

        mean: .613348
        std. dev: .090054

percentiles:    10%      25%      50%      75%      90%
                .496032  .555683  .610684  .666023  .728173

```

t_no_t ----- # teachers from salary
type: numeric (float)

```

        range: [4,907.875]                    units: 1.000e-07
unique values: 211                          coded missing: 0 / 324

        mean: 21.3914
        std. dev: 53.3899

percentiles:    10%      25%      50%      75%      90%
                7.25    9.33292  12.25   18.3425  32.8125

```

NOTE: The number of teachers in the school appears multiple times in this section in different guises. For example, t_no_t is the number of teachers for whom salary data is reported; t_dx_no is the number of teachers for whom district experience is reported. We believe that t_no_t is the most accurate count of the number of high school

teachers in the district.

t_sal ----- ave teacher salary
type: numeric (float)

range: [3064.2856,5748.1924] units: .0001
unique values: 320 coded missing: 0 / 324

mean: 4029.81
std. dev: 415.315

percentiles:	10%	25%	50%	75%	90%
	3650	3794.48	3958.16	4130.48	4508.84

t_dexp ----- mean tch district experience
type: numeric (float)

range: [1.2386208,12.924261] units: 1.000e-07
unique values: 323 coded missing: 0 / 324

mean: 4.31743
std. dev: 1.69481

percentiles:	10%	25%	50%	75%	90%
	2.30278	3.06221	4.11432	5.21913	6.89951

t_dx_no ----- # teachers from dis exp
type: numeric (float)

range: [3.25,931.25] units: 1.000
unique values: 217 coded missing: 0 / 324

mean: 21.1623
std. dev: 54.6394

percentiles:	10%	25%	50%	75%	90%
	6.6675	9	12	19.0625	33.0833

NOTE: The number of teachers in the school appears multiple times in this section in different guises. For example, t_no_t is the number of teachers for whom salary data is reported; t_dx_no is the number of teachers for whom district experience is reported. We believe that t_no_t is the most accurate count of the number of high school teachers in the district.

t_texp ----- mean tch total experience
type: numeric (float)

range: [1.9226191,9.8261909] units: 1.00000
unique values: 323 coded missing: 0 / 324

mean: 5.88704
std. dev: 1.4418

percentiles:	10%	25%	50%	75%	90%
	4.10458	4.99659	5.86331	6.75833	7.89856

t_tx_no ----- # teachers from tot exp

```

type: numeric (float)

range: [3.25,931.25] units: 1.000
unique values: 214 coded missing: 0 / 324

mean: 21.1333
std. dev: 54.6378

percentiles: 10% 25% 50% 75% 90%
6.6675 8.94375 12 18.3962 33

```

NOTE: The number of teachers in the school appears multiple times in this section in different guises. For example, t_no_t is the number of teachers for whom salary data is reported; t_dx_no is the number of teachers for whom district experience is reported. We believe that t_no_t is the most accurate count of the number of high school teachers in the district.

```

t_tsch ----- mean tch total schooling
type: numeric (float)

range: [2.8563988,6.5] units: 1.00000
unique values: 308 coded missing: 0 / 324

mean: 4.22318
std. dev: .30779

percentiles: 10% 25% 50% 75% 90%
3.96729 4.07035 4.17371 4.33909 4.52849

```

```

t_sc_no ----- # teachers from schooling
type: numeric (float)

range: [3.25,881.25] units: 1.000
unique values: 213 coded missing: 0 / 324

mean: 20.982
std. dev: 52.0679

percentiles: 10% 25% 50% 75% 90%
6.6675 9 12 18.6117 33

```

NOTE: The number of teachers in the school appears multiple times in this section in different guises. For example, t_no_t is the number of teachers for whom salary data is reported; t_dx_no is the number of teachers for whom district experience is reported. We believe that t_no_t is the most accurate count of the number of high school teachers in the district.

```

t_psl4 ----- pct tch < bachelors
type: numeric (float)

range: [0,.50930059] units: 1.000000
unique values: 125 coded missing: 0 / 324

mean: .030161
std. dev: .060779

percentiles: 10% 25% 50% 75% 90%
0 0 0 .038111 .082584

```

NOTE: This variable represents the mean percent of teachers with less than a bachelors degree

t_psg4 ----- pct tch >= masters
type: numeric (float)
range: [0,.9093374] units: 1.000000
unique values: 286 coded missing: 0 / 324
mean: .226706
std. dev: .168928
percentiles: 10% 25% 50% 75% 90%
.035714 .103571 .191031 .317358 .457265

NOTE: This variable represents the mean percent of teachers with more than a bachelors degree

days ----- days in school year
type: numeric (float)
range: [171.25,190] units: .001
unique values: 66 coded missing: 0 / 324
mean: 176.143
std. dev: 2.90209
percentiles: 10% 25% 50% 75% 90%
173.75 174.5 175.25 176.75 180

r_staidth ----- receipts - high school state aid
type: numeric (float)
range: [1525,742761] units: .01
unique values: 324 coded missing: 0 / 324
mean: 20847
std. dev: 44263.9
percentiles: 10% 25% 50% 75% 90%
5300.25 8174.25 12781.9 21644.7 34762

NOTE: This variable reports receipts to the school districts (high school receipts only) from high school state aid. Reported missing values are missing.

r_tuith ----- receipts - high school tuition
type: numeric (float)
range: [291,530386] units: .00001
unique values: 309 coded missing: 15 / 324
missing value code: 999999
mean: 39314.2
std. dev: 46965.9

percentiles:	10%	25%	50%	75%	90%
	3596.75	14937.3	29283.3	46865	76348.3

NOTE: This variable reports receipts to the school districts (high school receipts only) from high school tuition. Reported missing values are missing.

r_staiddt ----- receipts - total state aid

```

      type: numeric (float)

      range: [1920,2351105.3]          units: .0001
unique values: 321                    coded missing: 3 / 324
missing value code: 9999999

      mean: 52502.5
      std. dev: 140236

      percentiles: 10%    25%    50%    75%    90%
                   7946.25 13046.5 26250.3 53478 107679

```

NOTE: This variable reports total state aid to the district. Reported missing values are missing.

r_tuitt ----- receipts - total tuition

```

      type: numeric (float)

      range: [250,581164]          units: .00001
unique values: 308                coded missing: 16 / 324
missing value code: 999999

      mean: 42435.1
      std. dev: 52640.3

      percentiles: 10%    25%    50%    75%    90%
                   4036.25 14984.2 30645.8 51413 87271.5

```

NOTE: This variable reports total tuition recieved by the district. Reported missing values are missing.

r_lotax ----- receipts - local taxes

```

      type: numeric (float)

      range: [10330.5,22043784]    units: .001
unique values: 324                coded missing: 0 / 324

      mean: 273814
      std. dev: 1.3e+06

      percentiles: 10%    25%    50%    75%    90%
                   29205.5 43083 79120.5 148786 349286

```

NOTE: This variable reports total local taxes recieved by the district. Reported missing values are missing.

r_trec ----- receipts - total

```

      type: numeric (float)

      range: [36822.75,56916852]    units: .001
unique values: 324                coded missing: 0 / 324

```

mean: 698367
std. dev: 3.3e+06

percentiles:	10%	25%	50%	75%	90%
	115539	174466	273362	478467	916393

NOTE: This variable reports total receipts for the district. Reported missing values are missing.

d_tc ----- disburs - total control

type: numeric (float)

range:	[151,185678.67]	units:	.01
unique values:	323	coded missing:	0 / 324

mean: 5377.26
std. dev: 11137.5

percentiles:	10%	25%	50%	75%	90%
	904	1948.63	3412.88	6069.63	9135.25

NOTE: This variable reports the district's disbursements for control (high school only). Reported missing values are missing.

d_sal ----- disburs - tch salaries

type: numeric (float)

range:	[9234.75,5094628.5]	units:	.001
unique values:	324	coded missing:	0 / 324

mean: 93943.4
std. dev: 299874

percentiles:	10%	25%	50%	75%	90%
	22991	32562.3	45310.1	71466.6	137940

NOTE: This variable reports district disbursements for teacher salary (high school only). Reported missing values are missing.

d_txb ----- disburs - total text books

type: numeric (float)

range:	[3,20794.5]	units:	.00001
unique values:	314	coded missing:	6 / 324
missing value code:	99999		

mean: 1590.29
std. dev: 2249.59

percentiles:	10%	25%	50%	75%	90%
	378.25	615.25	1043.67	1711.25	2482.5

NOTE: This variable reports the district's disbursements for text books (high school only). Reported missing values are missing.

d_lib ----- disburs - total libraries

type: numeric (float)

range:	[86,46758.668]	units:	.00001		
unique values:	317	coded missing:	0 / 324		
mean:	1176.87				
std. dev:	2749.22				
percentiles:	10%	25%	50%	75%	90%
	340.25	517.25	756	1114.63	1857.33

NOTE: This variable reports the district's disbursements for libraries(high school only). Reported missing values are missing.

d_sup ----- disburs - total supplies

type:	numeric (float)				
range:	[220.5,187560.67]				
unique values:	322				
units:	.0001				
coded missing:	0 / 324				
mean:	6739.28				
std. dev:	11855.7				
percentiles:	10%	25%	50%	75%	90%
	1560.75	2565.25	4433.38	7136.38	11490.3

NOTE: This variable reports the district's disbursements for supplies (high school only). Reported missing values are missing.

d_tin ----- disburs - total instruct

type:	numeric (float)				
range:	[12403,5715029]				
unique values:	323				
units:	.001				
coded missing:	0 / 324				
mean:	110885				
std. dev:	337815				
percentiles:	10%	25%	50%	75%	90%
	28162.8	38626.1	56828.8	86613.9	166737

NOTE: This variable reports the district's disbursements for instruction (high school only). Reported missing values are missing.

d_top ----- disburs - total operation

type:	numeric (float)				
range:	[1246.75,721540.31]				
unique values:	324				
units:	.0001				
coded missing:	0 / 324				
mean:	18086.1				
std. dev:	44913.6				
percentiles:	10%	25%	50%	75%	90%
	4412.5	6133.25	9038.63	15224	30337.5

NOTE: This variable reports the district's disbursements for operation (high school only). Reported missing values are missing.

d_mai ----- disburs - total maintenance

type:	numeric (float)				
range:	[173,726762.31]	units:	.0001		
unique values:	322	coded missing:	0 / 324		
mean:	10398.3				
std. dev:	41910.2				
percentiles:	10%	25%	50%	75%	90%
	1408.75	2390	4513.75	9011.13	15499.5

NOTE: This variable reports the district's disbursements for maintenance (high school only). Reported missing values are missing.

d_aux ----- disburs - total auxiliary services

type:	numeric (float)				
range:	[0,681517.31]	units:	1.000e-06		
unique values:	313	coded missing:	10 / 324		
missing value code:	999999				
mean:	9803.1				
std. dev:	38624.5				
percentiles:	10%	25%	50%	75%	90%
	1987.5	3950.5	6389.63	9337	13304.8

NOTE: This variable reports the district's disbursements for auxiliary services (high school only). Reported missing values are missing.

d_tco ----- disburs - ttl current operatn

type:	numeric (float)				
range:	[16920,8033522.5]	units:	.001		
unique values:	324	coded missing:	0 / 324		
mean:	157931				
std. dev:	472083				
percentiles:	10%	25%	50%	75%	90%
	41070.5	59471.7	82770.6	131647	237849

d_all ----- disburs - total all purposes

type:	numeric (float)				
range:	[24807,11676120]	units:	.01		
unique values:	294	coded missing:	30 / 324		
missing value code:	9999999				
mean:	284320				
std. dev:	725800				
percentiles:	10%	25%	50%	75%	90%
	68044	100163	150925	254071	528803

f_merge ----- sch involved in merger in period

```

type: numeric (float)

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

tabulation: Freq. Value
             311 0 (no/missing)
             13 1 (yes)

```

NOTE: This variable flags those districts involved with mergers in this period. It is NOT true that only 13 districts were involved in mergers. It is true that only 13 districts involved with mergers provided sufficient WDPI information in this period to be included in the sample.

```

f_nocf ----- number of coding forms for district
type: numeric (float)

range: [1,4] units: 1
unique values: 4 coded missing: 0 / 324

tabulation: Freq. Value
             2 1
             4 2
             4 3
            314 4

```

NOTE: This variable records the number of coding forms used to construct averages

```

f_hsonly ----- district is only high school
type: numeric (float)

range: [0,1] units: 1.000e-08
unique values: 5 coded missing: 0 / 324

tabulation: Freq. Value
            273 0 (no)
             4 .25
             2 .33333334
             3 .75
            42 1 (yes)

```

NOTE: This variable flags those district that were high school only. This information is based on reported data, and not on any formal knowledge of district composition. For nine districts, this information was not consistent across years of available data, resulting in non-integer values when variable was averaged across the four years.

```

years ----- which years supplied data?
type: numeric (float)

range: [11,1111] units: 1
unique values: 8 coded missing: 0 / 324

tabulation: Freq. Value
             1 11

```



```

1 111
2 1000
1 1011
3 1100
3 1101
5 1110
308 1111

```

NOTE: This variable reports which years supplied data. For example, the district with years=1011 provided data in 1954, 56, 57, but not in 55. The districts reporting 111 provided information in 55,56,57. For those variables where information is reported for a select year only, information is for the most recent year available.

```

county ----- county
      type:  string (str30), but longest is str21

      unique values:  109                coded missing:  0 / 324

      examples:  "Dane"
                  "Kenosha"
                  "Oneida"
                  "Shawano, Waupaca"

      warning:  variable has embedded blanks

```

```

ru_nolrm ----- reported number of 1 rm school houses
      type:  numeric (float)

      range:  [0,17]                units:  1
      unique values:  13                coded missing:  0 / 324

      mean:    .753086
      std. dev: 2.10281

      percentiles:  10%    25%    50%    75%    90%
                   0      0      0      0      2

```

NOTE: This variable is total number of reported one room school houses in the district. Missing values cannot be distinguished from zeros.

```

ru_enlrm ----- reported enrollment in 1 rm school house
      type:  numeric (float)

      range:  [0,427]                units:  1
      unique values:  55                coded missing:  0 / 324

      mean:    16.716
      std. dev: 49.1126

      percentiles:  10%    25%    50%    75%    90%
                   0      0      0      0      49

```

NOTE: This variable is reported enrollment in one room school houses in the district. Missing values cannot be distinguished from zeros.

```

ru_nomul ----- reported number of multiroom school houses

```

```

type: numeric (float)

range: [0,17] units: 1
unique values: 9 coded missing: 0 / 324

```

```

tabulation: Freq. Value
             249  0
             45  1
              8  2
              8  3
              9  4
              1  5
              2  6
              1  9
              1 17

```

NOTE: This variable is total number of reported multi-room school houses in the district. Missing values cannot be distinguished from zeros.

```

ru_enmul ----- reported enrollment in multiroom school
type: numeric (float)

```

```

range: [0,1042] units: 1
unique values: 65 coded missing: 0 / 324

```

```

mean: 53.6759
std. dev: 139.415

```

```

percentiles: 10% 25% 50% 75% 90%
              0  0  0  0  204

```

NOTE: This variable is reported enrollment in multi-room school houses in the district. Missing values cannot be distinguished from zeros.

```

ct_dist ----- city school district
type: numeric (float)

```

```

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

```

```

tabulation: Freq. Value
             263 0 (no/missing)
             61 1 (yes)

```

NOTE: These variables contain information regarding how the district is administered and funded. This variable flags city school districts. Only yes's are coded, so 0 versus missing is impossible to distinguish.

```

ct_b_cc ----- city dist bgt app city council
type: numeric (float)

```

```

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

```

```

tabulation: Freq. Value
             265 0 (no/missing)
             59 1 (yes)

```

NOTE: These variables contain information regarding how the district is administered and funded. This variable flags city school districts with budgets approved by the city council. Only yes's are coded, so 0 versus missing is impossible to distinguish.

ct_b_am ----- city dist bgt app annual meeting

type: numeric (float)

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

tabulation: Freq. Value
321 0 (no/missing)
3 1 (yes)

NOTE: These variables contain information regarding how the district is administered and funded. This variable flags city school districts with budgets approved in an annual meeting. Only yes's are coded, so 0 versus missing is impossible to distinguish.

cs_dist ----- common school dist

type: numeric (float)

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

tabulation: Freq. Value
136 0 (no/missing)
188 1 (yes)

NOTE: These variables contain information regarding how the district is administered and funded. This variable flags common school districts. Only yes's are coded, so 0 versus missing is impossible to distinguish.

cs_sup ----- com sch, under county supt

type: numeric (float)

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

tabulation: Freq. Value
165 0 (no/missing)
159 1 (yes)

NOTE: These variables contain information regarding how the district is administered and funded. This variable flags common school districts under county supervision. Only yes's are coded, so 0 versus missing is impossible to distinguish.

cs_b_am ----- com sch budget at annual meeting

type: numeric (float)

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

tabulation: Freq. Value

125 0 (no/missing)
199 1 (yes)

NOTE: These variables contain information regarding how the district is administered and funded. This variable flags common school districts with budgets approved at an annual meeting. Only yes's are coded, so 0 versus missing is impossible to distinguish.

union ----- union high school
type: numeric (float)

range: [0,1] units: 1
unique values: 2 coded missing: 0 / 324

tabulation: Freq. Value
275 0 (no/missing)
49 1 (yes)

NOTE: This variable reports if the teachers are unionized. Information is for most recent year available. Only yes's are coded, so 0 versus missing is impossible to distinguish.