

[1] 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76

[20] 80 84 88 92 96 100

[1] "numeric"

[1] 0.8 1.6 2.4 3.2 4.0 4.8 5.6 6.4 7.2 8.0 8.8 9.6 10.4 11.2 12.0

[16] 12.8 13.6 14.4 15.2 16.0 16.8 17.6 18.4 19.2 20.0 20.8 21.6 22.4 23.2 24.0

[31] 24.8 25.6 26.4 27.2 28.0 28.8 29.6 30.4 31.2 32.0 32.8 33.6 34.4 35.2 36.0

[46] 36.8 37.6 38.4 39.2 40.0

[1] "numeric"

[,1] [,2] [,3] [,4] [,5]

[1,] 0.8 8.8 16.8 24.8 32.8

[2,] 1.6 9.6 17.6 25.6 33.6

[3,] 2.4 10.4 18.4 26.4 34.4

[4,] 3.2 11.2 19.2 27.2 35.2

[5,] 4.0 12.0 20.0 28.0 36.0

[6,] 4.8 12.8 20.8 28.8 36.8

[7,] 5.6 13.6 21.6 29.6 37.6

[8,] 6.4 14.4 22.4 30.4 38.4

[9,] 7.2 15.2 23.2 31.2 39.2

[10,] 8.0 16.0 24.0 32.0 40.0

V1 V2

[1,] 4 0.8

[2,] 8 1.6

[3,] 12 2.4

[4,] 16 3.2

[5,] 20 4.0

[6,] 24 4.8

[7,] 28 5.6

[8,] 32 6.4

[9,] 36 7.2

[10,] 40 8.0
[11,] 44 8.8
[12,] 48 9.6
[13,] 52 10.4
[14,] 56 11.2
[15,] 60 12.0
[16,] 64 12.8
[17,] 68 13.6
[18,] 72 14.4
[19,] 76 15.2
[20,] 80 16.0
[21,] 84 16.8
[22,] 88 17.6
[23,] 92 18.4
[24,] 96 19.2
[25,] 100 20.0
[26,] 4 20.8
[27,] 8 21.6
[28,] 12 22.4
[29,] 16 23.2
[30,] 20 24.0
[31,] 24 24.8
[32,] 28 25.6
[33,] 32 26.4
[34,] 36 27.2
[35,] 40 28.0
[36,] 44 28.8
[37,] 48 29.6
[38,] 52 30.4

[39,] 56 31.2

[40,] 60 32.0

[41,] 64 32.8

[42,] 68 33.6

[43,] 72 34.4

[44,] 76 35.2

[45,] 80 36.0

[46,] 84 36.8

[47,] 88 37.6

[48,] 92 38.4

[49,] 96 39.2

[50,] 100 40.0

[,1] [,2] [,3] [,4] [,5] [,6] [,7] [,8] [,9] [,10] [,11] [,12] [,13] [,14]

V1 4.0 8.0 12.0 16.0 20 24.0 28.0 32.0 36.0 40 44.0 48.0 52.0 56.0

V2 0.8 1.6 2.4 3.2 4 4.8 5.6 6.4 7.2 8 8.8 9.6 10.4 11.2

[,15] [,16] [,17] [,18] [,19] [,20] [,21] [,22] [,23] [,24] [,25] [,26]

V1 60 64.0 68.0 72.0 76.0 80 84.0 88.0 92.0 96.0 100 4.0

V2 12 12.8 13.6 14.4 15.2 16 16.8 17.6 18.4 19.2 20 20.8

[,27] [,28] [,29] [,30] [,31] [,32] [,33] [,34] [,35] [,36] [,37] [,38]

V1 8.0 12.0 16.0 20 24.0 28.0 32.0 36.0 40 44.0 48.0 52.0

V2 21.6 22.4 23.2 24 24.8 25.6 26.4 27.2 28 28.8 29.6 30.4

[,39] [,40] [,41] [,42] [,43] [,44] [,45] [,46] [,47] [,48] [,49] [,50]

V1 56.0 60 64.0 68.0 72.0 76.0 80 84.0 88.0 92.0 96.0 100

V2 31.2 32 32.8 33.6 34.4 35.2 36 36.8 37.6 38.4 39.2 40

[1] "m1" "m2" "m3" "V1" "V2"

[1] "m1" "m2" "m3" "Oklahoma" "V1" "V2"

[1] "data.frame"

[1] "list"

[1] "factor"

[1] "numeric"

'data.frame': 1785 obs. of 16 variables:

\$ School : Factor w/ 1636 levels "7TH & 8TH GRADE CTR",...: 1 2 3 4 5 6 7 8 9 10 ...
\$ LocCity : Factor w/ 442 levels "ACHILLE","ADA",...: 267 127 392 165 1 1 2 2 3 3 ...
\$ MailCity : Factor w/ 429 levels "ACHILLE","ADA",...: 262 125 380 163 1 1 2 2 3 3 ...
\$ County : Factor w/ 77 levels "ADAIR COUNTY",...: 51 5 57 70 7 7 62 62 46 46 ...
\$ Teachers : num 47.2 31.4 21.5 27.5 15.2 7.6 40.5 46.9 19.6 14.5 ...
\$ Grade7 : int 337 144 NA NA 29 NA NA 173 NA 81 ...
\$ Grade8 : int 344 157 NA NA 26 NA NA 183 NA 77 ...
\$ Grade9 : int NA 145 NA NA NA 30 NA 183 82 NA ...
\$ Grade10 : int NA NA NA NA NA 31 168 NA 62 NA ...
\$ Grade11 : int NA NA NA NA NA 31 186 NA 65 NA ...
\$ Grade12 : int NA NA NA NA NA 34 148 NA 76 NA ...
\$ Ungraded : int 2 4 38 NA NA NA NA NA NA NA ...
\$ PreTotal : int NA NA 64 NA 50 NA NA NA NA NA ...
\$ ElemTotal: int 681 301 182 418 205 NA NA 356 NA 251 ...
\$ HSTotal : int NA 145 NA NA NA 126 502 183 285 NA ...
\$ PTRatio : num 14.5 14.3 13.2 15.2 16.8 ...

	School	LocCity	MailCity
CENTRAL ES	: 10	OKLAHOMA CITY: 134	OKLAHOMA CITY: 151
WASHINGTON ES	: 10	TULSA : 108	TULSA : 104
WILL ROGERS ES	: 9	LAWTON : 35	LAWTON : 35
LINCOLN ES	: 8	EDMOND : 30	EDMOND : 30
WILSON ES	: 8	BROKEN ARROW : 29	BROKEN ARROW : 29
ROOSEVELT ES	: 6	NORMAN : 28	NORMAN : 28
(Other)	:1734	(Other) :1421	(Other) :1408

	County	Teachers	Grade7	Grade8
OKLAHOMA COUNTY	: 210	Min. : 1.10	Min. : 0.0	Min. : 0.00
TULSA COUNTY	: 176	1st Qu.: 11.70	1st Qu.: 19.0	1st Qu.: 18.00

CLEVELAND COUNTY: 69 Median : 19.80 Median : 39.0 Median : 36.50

COMANCHE COUNTY : 55 Mean : 23.13 Mean : 79.9 Mean : 77.21

CANADIAN COUNTY : 44 3rd Qu.: 29.20 3rd Qu.: 104.0 3rd Qu.: 100.25

CREEK COUNTY : 40 Max. : 129.30 Max. : 1120.0 Max. : 1102.00

(Other) : 1191 NA's : 5 NA's : 1192 NA's : 1193

Grade9 Grade10 Grade11 Grade12

Min. : 0.0 Min. : 0.00 Min. : 0.00 Min. : 0.00

1st Qu.: 23.0 1st Qu.: 23.00 1st Qu.: 21.00 1st Qu.: 22.00

Median : 44.5 Median : 45.00 Median : 43.00 Median : 43.00

Mean : 102.7 Mean : 96.94 Mean : 91.06 Mean : 85.15

3rd Qu.: 112.0 3rd Qu.: 110.00 3rd Qu.: 100.50 3rd Qu.: 95.00

Max. : 1062.0 Max. : 1154.00 Max. : 1111.00 Max. : 1111.00

NA's : 1317 NA's : 1316 NA's : 1318 NA's : 1321

Ungraded PreTotal ElemTotal HSTotal

Min. : 1.000 Min. : 0 Min. : 0.0 Min. : 0.0

1st Qu.: 1.000 1st Qu.: 45 1st Qu.: 167.0 1st Qu.: 85.0

Median : 3.000 Median : 86 Median : 263.5 Median : 164.5

Mean : 8.857 Mean : 103 Mean : 303.6 Mean : 349.8

3rd Qu.: 6.000 3rd Qu.: 137 3rd Qu.: 385.0 3rd Qu.: 399.8

Max. : 169.000 Max. : 997 Max. : 2240.0 Max. : 2358.0

NA's : 1582 NA's : 884 NA's : 503 NA's : 1283

PTRatio

Min. : 0.00

1st Qu.: 13.52

Median : 15.53

Mean : 15.45

3rd Qu.: 17.33

Max. : 155.00

NA's : 5

	School	LocCity	MailCity	County	Teachers	Grade7	Grade8
1	7TH & 8TH GRADE CTR	MUSKOGEE	MUSKOGEE	MUSKOGEE COUNTY	47.2	337	344
2	8TH & 9TH GRADE CTR	ELK CITY	ELK CITY	BECKHAM COUNTY	31.4	144	157
3	ACADEMY CENTRAL ES	TULSA	TULSA	OSAGE COUNTY	21.5	NA	NA
4	ACADEMY ES	GUYMON	GUYMON	TEXAS COUNTY	27.5	NA	NA
5	ACHILLE ES	ACHILLE	ACHILLE	BRYAN COUNTY	15.2	29	26
6	ACHILLE HS	ACHILLE	ACHILLE	BRYAN COUNTY	7.6	NA	NA
7	ADA HS	ADA	ADA	PONTOTOC COUNTY	40.5	NA	NA
8	ADA JHS	ADA	ADA	PONTOTOC COUNTY	46.9	173	183
9	ADAIR HS	ADAIR	ADAIR	MAYES COUNTY	19.6	NA	NA
10	ADAIR MS	ADAIR	ADAIR	MAYES COUNTY	14.5	81	77

	Grade9	Grade10	Grade11	Grade12	PreTotal	ElemTotal	HSTotal	Ptratio
1	NA	NA	NA	NA	NA	681	NA	14.47
2	145	NA	NA	NA	NA	301	145	14.33
3	NA	NA	NA	NA	64	182	NA	13.21
4	NA	NA	NA	NA	NA	418	NA	15.20
5	NA	NA	NA	NA	50	205	NA	16.78
6	30	31	31	34	NA	NA	126	16.58
7	NA	168	186	148	NA	NA	502	12.40
8	183	NA	NA	NA	NA	356	183	11.49
9	82	62	65	76	NA	NA	285	14.54
10	NA	NA	NA	NA	NA	251	NA	17.31

	School	LocCity	County	Teachers	PreTotal
1	7TH & 8TH GRADE CTR	MUSKOGEE	MUSKOGEE COUNTY	47.2	NA
2	8TH & 9TH GRADE CTR	ELK CITY	BECKHAM COUNTY	31.4	NA
3	ACADEMY CENTRAL ES	TULSA	OSAGE COUNTY	21.5	64
4	ACADEMY ES	GUYMON	TEXAS COUNTY	27.5	NA
5	ACHILLE ES	ACHILLE	BRYAN COUNTY	15.2	50
6	ACHILLE HS	ACHILLE	BRYAN COUNTY	7.6	NA

7	ADA HS	ADA	PONTOTOC COUNTY	40.5	NA
8	ADA JHS	ADA	PONTOTOC COUNTY	46.9	NA
9	ADAIR HS	ADAIR	MAYES COUNTY	19.6	NA
10	ADAIR MS	ADAIR	MAYES COUNTY	14.5	NA
11	ADAMS ES	ENID	GARFIELD COUNTY	23.1	105
12	ADAMS ES	LAWTON	COMANCHE COUNTY	10.4	39
13	ADAMS ES	NORMAN	CLEVELAND COUNTY	34.2	135
14	ADAMS ES OKLAHOMA CITY	OKLAHOMA	COUNTY	32.8	130
15	ADDAMS ES	TULSA	TULSA COUNTY	15.0	53
16	AFTON ES	AFTON	OTTAWA COUNTY	21.7	60
17	AFTON HS	AFTON	OTTAWA COUNTY	10.6	NA
18	AGRA ES	AGRA	LINCOLN COUNTY	20.0	63
19	AGRA HS	AGRA	LINCOLN COUNTY	9.0	NA
20	ALBION PUBLIC SCHOOL	ALBION	PUSHMATAHA COUNTY	6.3	40
21	ALCOTT ES	TULSA	TULSA COUNTY	18.0	60
22	ALCOTT MS	NORMAN	CLEVELAND COUNTY	41.2	NA
23	ALEX ES	ALEX	GRADY COUNTY	9.2	36
24	ALEX HS	ALEX	GRADY COUNTY	7.6	NA
25	ALEX MS	ALEX	GRADY COUNTY	3.3	NA

ElemTotal HSTotal

1	681	NA
2	301	145
3	182	NA
4	418	NA
5	205	NA
6	NA	126
7	NA	502
8	356	183
9	NA	285

10	251	NA
11	220	NA
12	131	NA
13	356	NA
14	475	NA
15	147	NA
16	278	NA
17	NA	121
18	255	NA
19	NA	98
20	69	NA
21	205	NA
22	618	NA
23	123	NA
24	NA	106
25	71	NA