CITY FORWARD
COLLECTIVE

Cluster Analysis of Milwaukee Schools

Contents

Introduction

The purpose of this analysis is to cluster Milwaukee K12 schools using a k-means clustering algorithm. We will evaluate two clustering methods:

- Method A will not account for the physical location of the school
- Method B will account for the physical location of the school

Data

The data used in this analysis is sourced primarily from the Wisconsin School Report Cards, though the physical school location is sourced from DPI School Directories.

Clustering Variables

The variables used as inputs are those regarding the student body composition, i.e. racial subgroups, students with disabilities, English learner status, and economic status, all represented as a percentage of total school enrollment. Two racial subgroups were omitted from this analysis: 1) American Indian or Alaskan Native and 2) Native Hawaiian/Other Pacific Islander. These groups were omitted because they make up very small proportions of school enrollment citywide, so small differences had an outsized impact on clustering.

The following variables were included:

- Percent Asian
- Percent Black
- Percent Latino
- Percent two or more races
- Percent white
- Percent students with disabilities
- Percent limited English proficiency
- Percent economically disadvantaged
- Latitude of school (Method B only)
- Longitude of school (Method B only)

Analysis

Number of clusters

To determine the number of clusters, we will use the elbow and the silhouette methods. Both of these methods provide a way to evaluate how well clusters are made so we can compare the outcomes of different numbers of clusters.

The plot below shows the total within-cluster sum of squares (i.e. the intra-cluster variation) on the y axis, and the number of clusters on the x axis. We are looking to minimize the variation while keeping the number of clusters as small as we can. In other words, we want to find the point at which adding more clusters doesn't decrease variation enough to warrent adding that additional cluster.

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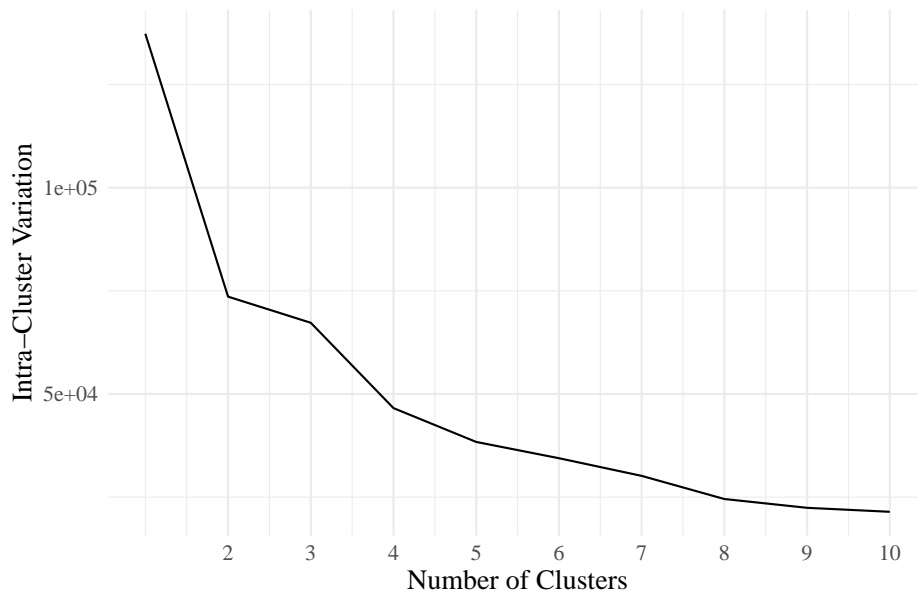
Elbow method

When examining the plot, the optimum number of clusters is observed as an "elbow" in the line. For our case here, four clusters seems to be that point. Now let's see what the silhouette shows us.

The silhouette method will evaluate how well points fall within their clusters, and we are looking to maximize this measure, shown as the y axis on the plot below.

Silhouette Method
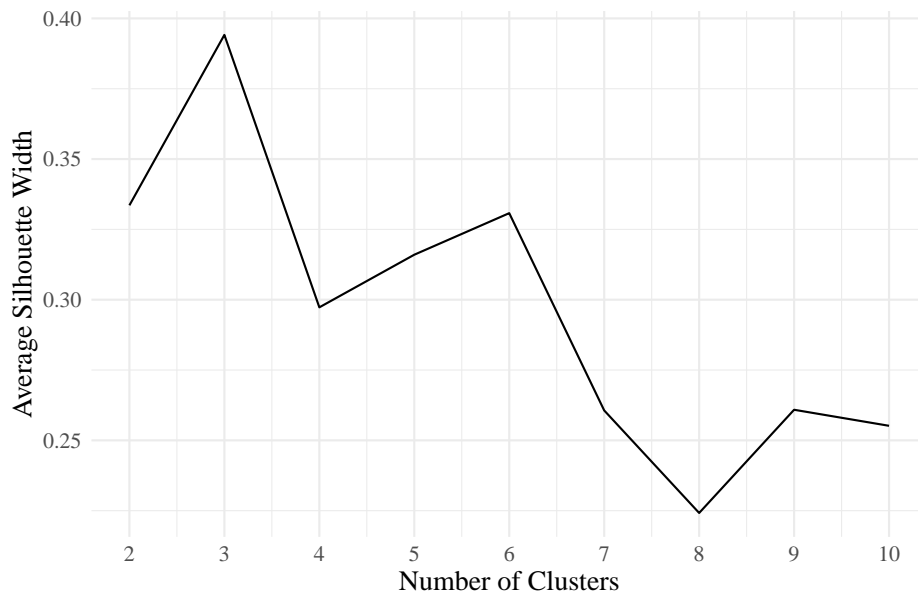
Based on this method, the optimal number of clusters is three instead of four. By default, we should be inclined towards fewer rather than more clusters, for the sake of interpretability. Further, doing a quick test of what the results would be with four clusters, we see one cluster only has

Without Geo

Cluster	N	Black	Hisp/Lat	White	Asian	SwD	ECD
1	145	84.3%	6.2%	3.3%	2.4%	15.1%	92.1%
2	36	29.9%	25.1%	28.2%	10.3%	7.3%	55.2%
3	4	7.8%	3.1%	57.6%	25.0%	2.2%	63.2%
4	74	11.9%	72.7%	8.4%	4.1%	13.2%	88.6%
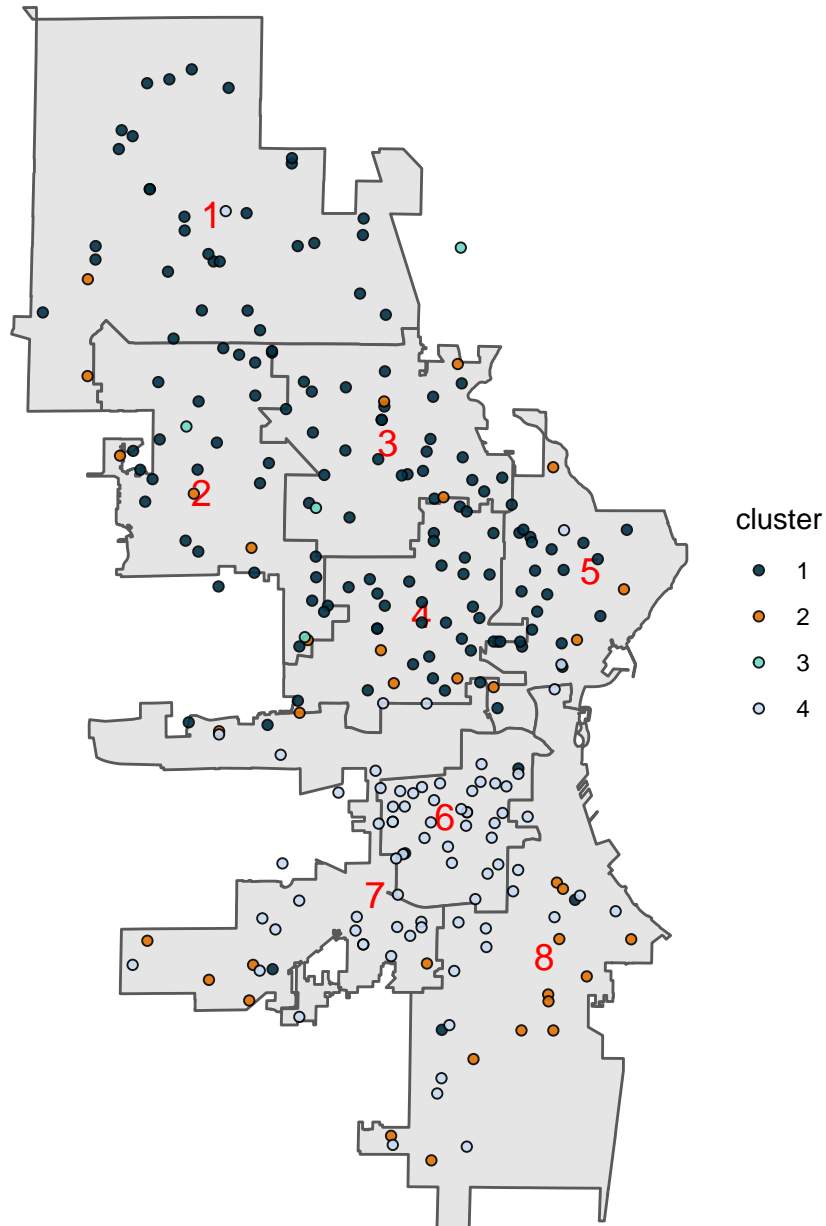
With Geo

Cluster	N	Black	Hisp/Lat	White	SwD	ECD
1	35	27%	23%	32.0%	5.64%	52.1%
2	143	85%	6%	3.2%	14.80%	92.0%
3	81	13%	69%	9.5%	13.85%	88.1%
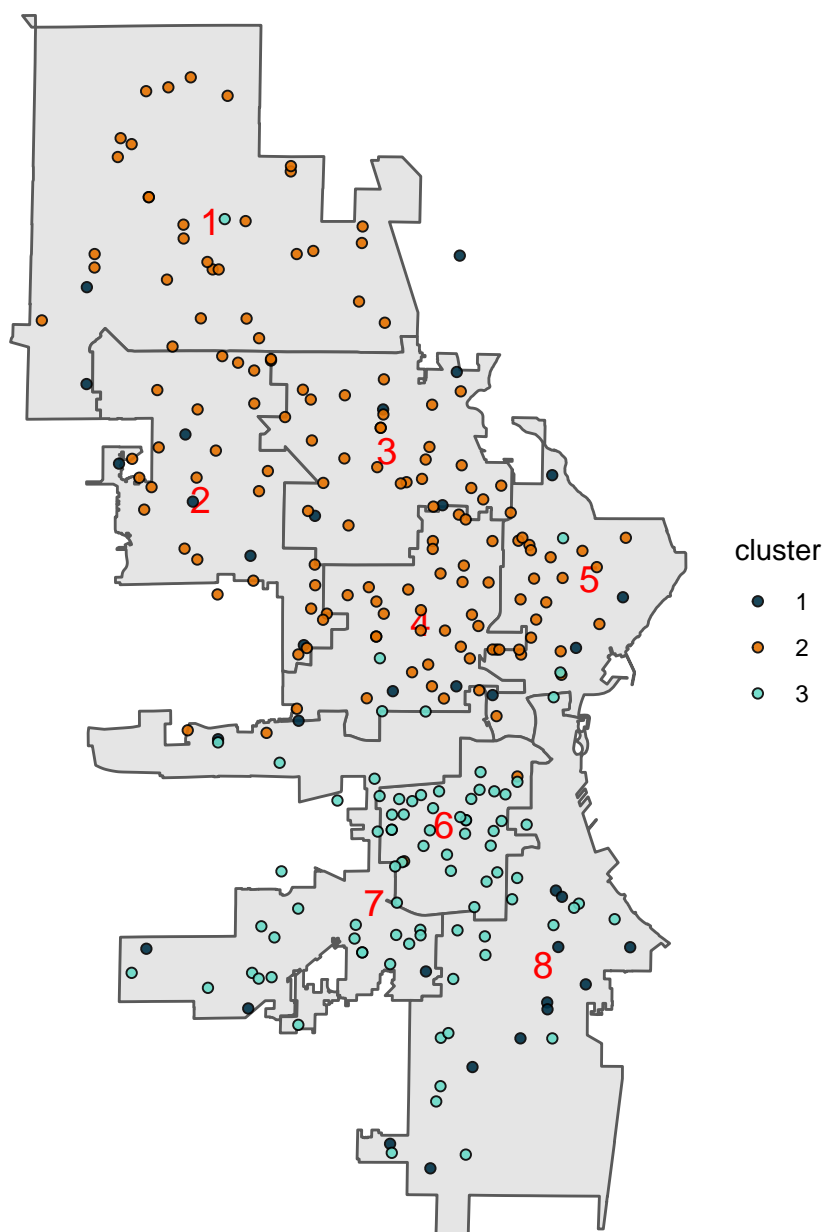
Comparing Differences

```
##      dpi_true_id
## 1      0000_1652
## 2      0000_1745
## 3      0000_1263
## 4      0000_1303
## 5      0000_1304
## 6      0000_1507
## 7      8123_0100
## 8      0000_1382
## 9      0000_0309
## 10     8105_1211
## 11     0000_1384
## 12     0000_1305
## 13     0000_1776
## 14     0000_1044
## 15     0000_1712
## 16     0000_1489
## 17     8109_0100
## 18     0000_1491
## 19     0000_1702
## 20     0000_0510
## 21     8101_1056
## 22     8127_0400
## 23     0000_1158
## 24     0000_1218
## 25     8131_0400
## 26     0000_0740
## 27     0000_1165
## 28     0000_1345
## 29     0000_1180
## 30     0000_1408
## 31     0000_1703
## 32     0000_1729
## 33     0000_1439
## 34     0000_1315
## 35     0000_1656
## 36     0000_1527
## 37     0000_1684
## 38     0000_1774
## 39     0000_1221
## 40     0000_1374
## 41     0000_1770
## 42     0000_1606
## 43     3619_0316
## 44     3619_0162
## 45     3619_0075
## 46     3619_0073
## 47     3619_0413
## 48     3619_0215
## 49     3619_1063
## 50     3619_0434
## 51     3619_0041
```

```
## 52        3619_0077
## 53        3619_0432
## 54        3619_0188
## 55        3619_0081
## 56        3619_0012
## 57        3619_0112
## 58        3619_0356
## 59        3619_0014
## 60        3619_0089
## 61        3619_0092
## 62        3619_0093
## 63        3619_0094
## 64        3619_0095
## 65        3619_0098
## 66        3619_0407
## 67        3619_0451
## 68        3619_0213
## 69        3619_0444
## 70        3619_0108
## 71        3619_0178
## 72        3619_0104
## 73        3619_0110
## 74        3619_0114
## 75        3619_0113
## 76        3619_0116
## 77        3619_0117
## 78        3619_0501
## 79        3619_0122
## 80        3619_0820
## 81        3619_0125
## 82        3619_0143
## 83        3619_0148
## 84        3619_0150
## 85        3619_0152
## 86        3619_0155
## 87        3619_0158
## 88        3619_0170
## 89        3619_0173
## 90        3619_0179
## 91        3619_0182
## 92        3619_0185
## 93        3619_0191
## 94        3619_0176
## 95        3619_0192
## 96        3619_0410
## 97        3619_0193
## 98        3619_0196
## 99        3619_0454
## 100       3619_0202
## 101       3619_0236
## 102       3619_0018
## 103       3619_0205
## 104       3619_0880
## 105       3619_0208
```

```
## 106      3619_0211
## 107      3619_0212
## 108      3619_0214
## 109      3619_0217
## 110      3619_0852
## 111      3619_0218
## 112      3619_0334
## 113      3619_0253
## 114      3619_0223
## 115      3619_0165
## 116      3619_0377
## 117      3619_0409
## 118      3619_0232
## 119      3619_0235
## 120      3619_0237
## 121      3619_0020
## 122      3619_0210
## 123      3619_0199
## 124      3619_0337
## 125      3619_1121
## 126      3619_0296
## 127      3619_0238
## 128      3619_0241
## 129      3619_0250
## 130      3619_0006
## 131      3619_0256
## 132      3619_0257
## 133      3619_0870
## 134      3619_0265
## 135      3619_0267
## 136      3619_0008
## 137      3619_0268
## 138      3619_0525
## 139      3619_0103
## 140      3619_0123
## 141      3619_0111
## 142      3619_0145
## 143      3619_0121
## 144      3619_0315
## 145      3619_0118
## 146      3619_0885
## 147      3619_0140
## 148      3619_0146
## 149      3619_0038
## 150      3619_0362
## 151      3619_0071
## 152      3619_0226
## 153      3619_0167
## 154      3619_0274
## 155      3619_0277
## 156      3619_0052
## 157      3619_0283
## 158      3619_0289
## 159      3619_0419
```

```
## 160    3619_1072
## 161    3619_0840
## 162    3619_0301
## 163    3619_0325
## 164    3619_0458
## 165    3619_0026
## 166    3619_0435
## 167    3619_0313
## 168    3619_0194
## 169    3619_0029
## 170    3619_0307
## 171    3619_0177
## 172    3619_0059
## 173    3619_1074
## 174    3619_0319
## 175    3619_0107
## 176    3619_0442
## 177    3619_0032
## 178    3619_1086
## 179    3619_0312
## 180    3619_0343
## 181    3619_0344
## 182    3619_0360
## 183    3619_0154
## 184    3619_0365
## 185    3619_0433
## 186    3619_0368
## 187    3619_0387
## 188    3619_0390
## 189    3619_0448
## 190    3619_0033
## 191    3619_0204
## 192    3619_0130
## 193    3619_0397
## 194    3619_0398
## 195    3619_0424
## 196    3619_0399
## 197    3619_0295
## 198    8106_1251
## 199    0000_1870
## 200    8128_0800
## 201    8129_0100
## 202    0000_1873
## 203    0000_1910
## 204    0000_1980
## 205    0000_1996
## 206    0000_1327
## 207    0000_1575
## 208    0000_2030
## 209    0000_1095
## 210    0000_2240
## 211    8139_8139
## 212    8138_8138
## 213    0000_2291
```

```
## 214    0000_2300
## 215    0000_1205
## 216    0000_1351
## 217    8002_8133
## 218    8002_8140
## 219    0000_2750
## 220    0000_3100
## 221    0000_3410
## 222    0000_3455
## 223    0000_3935
## 224    0000_4210
## 225    0000_2850
## 226    0000_4655
## 227    0000_4950
## 228    0000_8224
## 229    0000_5640
## 230    0000_5710
## 231    0000_5720
## 232    0000_5830
## 233    0000_6690
## 234    0000_7400
## 235    0000_1302
## 236    0000_1200
## 237    0000_7670
## 238    0000_7720
## 239    0000_7980
## 240    0000_3160
## 241    0000_8075
## 242    0000_8080
## 243    8001_8121
## 244    8001_8115
## 245    8001_8124
## 246    0000_1704
## 247    0000_8217
## 248    8136_8136
## 249    0000_1048
## 250    0000_8379
## 251    0000_1631
## 252    8137_8137
## 253    0000_1253
## 254    0000_8720
## 255    8113_8728
## 256    8132_0100
## 257    0000_0320
## 258    0000_8740
##                                              school_name
## 1                                     Academy of Excellence
## 2                         Achieving Educational Excellence Inc
## 3                                  Atlas Preparatory Academy
## 4                      Believers in Christ Christian Academy
## 5                             Blessed Sacrament Grade School
## 6                            Blessed Savior Catholic School
## 7                                          Bruce Guadalupe
## 8                               Carter's Christian Academy
```

```
## 9                          Catholic East Elementary
## 10                          Central City Cyberschool
## 11        Christian Faith Academy of Higher Learning
## 12                  Christ-St Peter Lutheran School
## 13                                      City School
## 14                            Clara Mohammed School
## 15                 Cristo Rey Jesuit Milwaukee High
## 16                           Cross Trainers Academy
## 17                        Darrell Lynn Hines Academy
## 18                                     Destiny High
## 19                             Divine Destiny School
## 20                  Divine Savior Holy Angels High
## 21                               Downtown Montessori
## 22            Dr Howard Fuller Collegiate Academy
## 23                Early View Academy of Excellence
## 24                               Eastbrook Academy
## 25                                    Escuela Verde
## 26                     Garden Homes Lutheran School
## 27                        Granville Lutheran School
## 28           Greater Holy Temple Christian Academy
## 29             Holy Redeemer Christian Academy
## 30                             Hope Christian High
## 31                   Hope Christian School: Caritas
## 32                   Hope Christian School: Fidelis
## 33                    Hope Christian School: Fortis
## 34                     Hope Christian School: Prima
## 35                    Hope Christian School: Semper
## 36                    Inst of Technology & Academics
## 37                          Jo's Learning Academy
## 38            Kingdom Prep Lutheran High School
## 39                 King's Academy Christian Sch
## 40            Malaika Early Learning Center
## 41                     Marquette University High
## 42                     Messmer Catholic Schools
## 43            Academy of Accelerated Learning
## 44     ALBA - Academia de Lenguaje y Bellas Artes
## 45                             Alcott Elementary
## 46                        Allen-Field Elementary
## 47                   Alliance School of Milwaukee
## 48                      Andrew S Douglas Middle
## 49                                   ASSATA High
## 50   Audubon Technology and Communication High
## 51   Audubon Technology and Communication Middle
## 52                        Auer Avenue Elementary
## 53         Banner Preparatory School of Milwaukee
## 54                             Barbee Elementary
## 55                             Barton Elementary
## 56                                 Bay View High
## 57                   Bay View Montessori School
## 58                             Bethune Academy
## 59                       Bradley Technology High
## 60                          Brown Street Academy
## 61                           Browning Elementary
## 62                              Bruce Elementary
```

```
## 63                                                      Bryant Elementary
## 64                                                     Burbank Elementary
## 65                                                     Burdick Elementary
## 66            Carmen High School of Science and Technology South Campus
## 67          Carmen High School of Science and Technology Southeast Campus
## 68          Carmen Middle School of Science and Technology South Campus
## 69   Carmen Middle/High School of Science and Technology Northwest Campus
## 70                                                       Carson Academy
## 71                                                       Carver Academy
## 72                                                 Cass Street Elementary
## 73                                               Clarke Street Elementary
## 74                                                    Clemens Elementary
## 75                                             Clement Avenue Elementary
## 76                                                   Congress Elementary
## 77                                                     Cooper Elementary
## 78                                               Craig Montessori School
## 79                                                     Curtin Elementary
## 80                                   Daniels University Preparatory Academy
## 81                                                   Doerfler Elementary
## 82                                         Eighty-First Street Elementary
## 83                                         Elm Creative Arts Elementary
## 84                                                    Emerson Elementary
## 85                                                  Engleburg Elementary
## 86                                                   Fairview Elementary
## 87                                                   Fernwood Montessori
## 88                                         Fifty-Third Street Elementary
## 89                                              Forest Home Elementary
## 90                                                   Franklin Elementary
## 91                                                    Fratney Elementary
## 92                                                   Gaenslen Elementary
## 93                                                    Garland Elementary
## 94                                                     Golda Meir School
## 95                                                   Goodrich Elementary
## 96                                                       Grandview High
## 97                                                      Grant Elementary
## 98                                             Grantosa Drive Elementary
## 99                                         Green Tree Preparatory Academy
## 100                                                  Greenfield Bilingual
## 101                                                           Groppi High
## 102                                                         Hamilton High
## 103                                                    Hampton Elementary
## 104                              HAPA-Hmong American Peace Academy K3-12
## 105                                            Hartford Avenue Elementary
## 106                                          Hawley Environmental School
## 107                                                  Hawthorne Elementary
## 108                                                 Hayes Bilingual School
## 109                                                  Hi-Mount Elementary
## 110                                            Highland Community School
## 111                                                     Holmes Elementary
## 112                                               Honey Creek Elementary
## 113                                         Hopkins Lloyd Community School
## 114                                            Humboldt Park Elementary
## 115 IDEAL Individualized Developmental Educational Approaches to Learning
## 116                                                     Jackson Elementary
```

```
## 117                                      James Madison Academic Campus
## 118                                              Kagel Elementary
## 119                                         Keefe Avenue Elementary
## 120                                           Kilbourn Elementary
## 121                                            King International
## 122                          King International Baccalaureate Middle
## 123                                             King Jr Elementary
## 124                                             Kluge Elementary
## 125                                        La Causa Charter School
## 126                                         Lad Lake Synergy School
## 127                                           LaFollette Elementary
## 128                                           Lancaster Elementary
## 129                                       Lincoln Avenue Elementary
## 130                                              Lincoln Middle
## 131                                           Longfellow Elementary
## 132                                     Lowell International Elementary
## 133                                    MacDowell Montessori School K3-12
## 134                                           Manitoba Elementary
## 135                                          Maple Tree Elementary
## 136                                               Marshall High
## 137                                           Maryland Montessori
## 138                                           Metcalfe Elementary
## 139                               Milwaukee Academy of Chinese Language
## 140              Milwaukee College Preparatory School -- 36th Street Campus
## 141                  Milwaukee College Preparatory School -- 38th Street
## 142                  Milwaukee College Preparatory School -- Lloyd Street
## 143            Milwaukee College Preparatory School: Lola Rowe North Campus
## 144                             Milwaukee County Youth Education Center
## 145                            Milwaukee Environmental Science Academy
## 146                              Milwaukee Excellence Charter School
## 147                                     Milwaukee French Immersion
## 148                                     Milwaukee German Immersion
## 149                                   Milwaukee High School of the Arts
## 150                                       Milwaukee Parkside School
## 151                                      Milwaukee School of Languages
## 152                                  Milwaukee Sign Language Elementary
## 153                                     Milwaukee Spanish Immersion
## 154                                           Mitchell Elementary
## 155                                          Morgandale Elementary
## 156                                                 Morse Mid
## 157                                           Neeskara Elementary
## 158                                      Ninety-Fifth Street Elementary
## 159                                          North Division High
## 160                      NOVA-Northwest Opportunities Vocational Academy
## 161                       Obama School of Career and Technical Education
## 162                                           Parkview Elementary
## 163                                             Pratt Elementary
## 164                         Project STAY-Supporting Teachers and Youth
## 165                                               Pulaski High
## 166                                   Reagan College Preparatory High
## 167                                             Riley Elementary
## 168                                         River Trail Elementary
## 169                                             Riverside High
## 170                                          Riverwest Elementary
```

```
## 171                                   Rogers Street Academy
## 172                                       Roosevelt Middle
## 173                                           Shalom High
## 174                                    Sherman Elementary
## 175                                    Siefert Elementary
## 176                              South Accelerated Academy
## 177                                    South Division High
## 178                                          Southeastern
## 179                                      Starms Discovery
## 180                                      Story Elementary
## 181                                     Stuart Elementary
## 182                                    Thoreau Elementary
## 183                             Thurston Woods Elementary
## 184                             Townsend Street Elementary
## 185                                       Transition High
## 186           Trowbridge Street School of Great Lakes Studies
## 187                                     Victory Elementary
## 188                                       Vieau Elementary
## 189                             Vincent Accelerated Academy
## 190                                          Vincent High
## 191                                 Wedgewood Park School
## 192                                       Westside Academy
## 193                                     Whitman Elementary
## 194                                     Whittier Elementary
## 195                               WHS Information Technology
## 196              Wisconsin Conservatory of Lifelong Learning
## 197                                     Zablocki Elementary
## 198                              Milwaukee Academy of Science
## 199                                  Milwaukee Lutheran High
## 200                         Milwaukee Math and Science Academy
## 201                         Milwaukee Scholars Charter School
## 202                       Milwaukee Seventh Day Adventist School
## 203                         Mother of Good Counsel Grade School
## 204                            Mount Lebanon Lutheran School
## 205                                 Nativity Jesuit Academy
## 206                            New Testament Christian Academy
## 207                                       Northwest Catholic
## 208                         Northwest Lutheran Grade School
## 209                            Notre Dame School of Milwaukee
## 210                       Our Lady Queen of Peace Grade School
## 211                                          Pathways High
## 212                             Penfield Montessori Academy
## 213                                 Pilgrim Lutheran School
## 214                                  Pius XI Catholic High
## 215                Prince of Peace School Escuela Principe de Paz
## 216               Risen Savior Evangelical Lutheran School
## 217                       Rocketship Southside Community Prep
## 218                         Rocketship Transformation Prep
## 219                            Saint Adalbert Catholic School
## 220                                    Saint Anthony School
## 221                                   Saint Catherine School
## 222                    Saint Charles Borromeo Catholic School
## 223                       Saint Gregory the Great Parish School
## 224                                 Saint Joan Antida High
```

```
## 225                                             Saint John Paul II School
## 226                               Saint Johns Evangelical Lutheran School
## 227                                          Saint Josaphat Parish School
## 228                                                  Saint Joseph Academy
## 229                                           Saint Lucas Lutheran School
## 230                                          Saint Marcus Lutheran School
## 231                                      Saint Margaret Mary Grade School
## 232                                 Saint Martini Lutheran Grade School
## 233                                                 Saint Matthias School
## 234                              Saint Peter Immanuel Lutheran School
## 235                                         Saint Philips Lutheran School
## 236                      Saint Rafael the Archangel North & South Campus
## 237                                           Saint Roman Grade School
## 238                                       Saint Sebastian Grade School
## 239                                         Saint Thomas Aquinas Academy
## 240                                         Saint Vincent Pallotti School
## 241                                                           Salam School
## 242                                                 Salem Lutheran School
## 243                                    Seeds of Health Elementary Program
## 244                                                             Tenor High
## 245                                                           Veritas High
## 246                                     Shining Star Christian Schools
## 247                                               Siloah Lutheran School
## 248                                   Stellar Collegiate Charter School
## 249         Tamarack Waldorf School Community School of Milwaukee Inc
## 250                                         Torah Academy of Milwaukee
## 251                                   TransCenter for Youth/El Puente High
## 252                         United Community Center Acosta Middle School
## 253                                           Victory Christian Academy
## 254                                           Wisconsin Lutheran High
## 255                                                       Woodlands School
## 256                           Woodlands School - State Street Campus
## 257                                         Word of Life Lutheran School
## 258                                                     Yeshiva Elementary
##    per_b_aa per_hisp_lat per_white per_asian per_ed per_swd cluster_nogeo
## 1     0.284        0.405     0.147     0.141  0.765   0.015             4
## 2     0.045        0.911     0.025     0.002  0.909   0.070             4
## 3     0.270        0.610     0.018     0.079  0.843   0.025             4
## 4     0.916        0.034     0.000     0.000  0.990   0.000             1
## 5     0.060        0.820     0.042     0.018  0.970   0.042             4
## 6     0.916        0.022     0.015     0.006  0.972   0.011             1
## 7     0.004        0.977     0.017     0.000  0.713   0.084             4
## 8     0.985        0.007     0.007     0.000  0.989   0.000             1
## 9     0.545        0.178     0.209     0.005  0.770   0.016             1
## 10    0.969        0.028     0.000     0.000  1.000   0.113             1
## 11    0.957        0.000     0.000     0.000  1.000   0.000             1
## 12    0.145        0.659     0.089     0.089  0.762   0.014             4
## 13    1.000        0.000     0.000     0.000  0.993   0.000             1
## 14    0.980        0.000     0.000     0.020  0.467   0.000             1
## 15    0.060        0.918     0.011     0.007  0.957   0.007             4
## 16    0.986        0.000     0.014     0.000  0.986   0.008             1
## 17    0.822        0.013     0.000     0.142  0.924   0.058             1
## 18    0.061        0.939     0.000     0.000  1.000   0.000             4
## 19    1.000        0.000     0.000     0.000  1.000   0.000             1
```

```
## 20    0.278    0.577    0.124    0.021  0.330    0.000      2
## 21    0.072    0.158    0.685    0.021  0.158    0.045      2
## 22    0.987    0.006    0.003    0.000  0.779    0.160      1
## 23    0.961    0.013    0.000    0.009  0.944    0.000      1
## 24    0.661    0.080    0.128    0.026  0.106    0.004      2
## 25    0.076    0.807    0.092    0.000  0.924    0.210      4
## 26    0.917    0.036    0.016    0.000  0.842    0.004      1
## 27    0.938    0.035    0.004    0.000  0.980    0.004      1
## 28    0.961    0.011    0.004    0.000  0.948    0.006      1
## 29    1.000    0.000    0.000    0.000    NA       NA       2
## 30    0.984    0.012    0.000    0.000  0.951    0.000      1
## 31    0.976    0.018    0.002    0.000  0.976    0.002      1
## 32    0.962    0.011    0.000    0.000  0.983    0.011      1
## 33    0.976    0.008    0.006    0.000  0.984    0.004      1
## 34    0.969    0.005    0.000    0.013  0.984    0.013      1
## 35    0.945    0.032    0.000    0.000  0.995    0.000      1
## 36    1.000    0.000    0.000    0.000  1.000    0.000      1
## 37    1.000    0.000    0.000    0.000  0.738    0.024      1
## 38    0.909    0.055    0.018    0.006  1.000    0.000      1
## 39    0.947    0.026    0.000    0.000  1.000    0.011      1
## 40    1.000    0.000    0.000    0.000  1.000    0.032      1
## 41    0.168    0.579    0.200    0.042  0.547    0.000      4
## 42    0.845    0.073    0.002    0.056  0.849    0.013      1
## 43    0.101    0.308    0.282    0.217  0.768    0.163      2
## 44    0.000    0.991    0.004    0.000  0.940    0.166      4
## 45    0.164    0.378    0.305    0.069  0.796    0.182      4
## 46    0.072    0.876    0.029    0.000  0.946    0.280      4
## 47    0.644    0.163    0.100    0.013  0.913    0.375      1
## 48    0.913    0.026    0.013    0.010  0.984    0.262      1
## 49    0.980    0.000    0.000    0.000  0.961    0.167      1
## 50    0.153    0.627    0.148    0.023  0.922    0.306      4
## 51    0.219    0.649    0.050    0.037  0.989    0.249      4
## 52    0.928    0.024    0.006    0.000  0.982    0.180      1
## 53    0.943    0.029    0.000    0.029  0.971    0.143      1
## 54    0.785    0.057    0.073    0.025  1.000    0.139      1
## 55    0.820    0.040    0.024    0.060  0.940    0.184      1
## 56    0.468    0.312    0.125    0.036  0.903    0.276      1
## 57    0.052    0.206    0.635    0.021  0.346    0.092      2
## 58    0.600    0.023    0.003    0.357  0.993    0.190      2
## 59    0.764    0.144    0.035    0.032  0.898    0.221      1
## 60    0.944    0.016    0.004    0.004  0.992    0.258      1
## 61    0.886    0.032    0.021    0.025  0.968    0.243      1
## 62    0.799    0.040    0.026    0.047  0.971    0.190      1
## 63    0.866    0.019    0.000    0.057  1.000    0.282      1
## 64    0.340    0.221    0.123    0.250  0.909    0.223      4
## 65    0.077    0.361    0.451    0.051  0.604    0.133      2
## 66    0.022    0.968    0.005    0.005  0.976    0.090      4
## 67    0.043    0.921    0.026    0.004  0.933    0.118      4
## 68    0.070    0.879    0.030    0.005  0.935    0.085      4
## 69    0.858    0.077    0.028    0.018  0.917    0.145      1
## 70    0.947    0.015    0.005    0.005  0.956    0.160      1
## 71    0.936    0.034    0.007    0.000  0.995    0.227      1
## 72    0.848    0.063    0.032    0.003  0.953    0.193      1
## 73    0.940    0.026    0.004    0.000  1.000    0.279      1
```

```
## 74    0.932    0.032    0.003    0.000  1.000    0.181         1
## 75    0.080    0.420    0.341    0.019  0.745    0.187         2
## 76    0.945    0.021    0.006    0.008  0.925    0.194         1
## 77    0.142    0.386    0.330    0.084  0.644    0.187         4
## 78    0.850    0.041    0.034    0.024  0.745    0.153         1
## 79    0.127    0.601    0.118    0.097  0.894    0.181         4
## 80    0.949    0.013    0.000    0.000  0.981    0.115         1
## 81    0.089    0.837    0.032    0.023  0.986    0.243         4
## 82    0.710    0.079    0.066    0.053  0.799    0.287         1
## 83    0.877    0.051    0.008    0.000  0.988    0.170         1
## 84    0.839    0.028    0.009    0.083  0.940    0.253         1
## 85    0.834    0.046    0.033    0.046  0.930    0.262         1
## 86    0.101    0.393    0.404    0.038  0.645    0.244         4
## 87    0.038    0.216    0.661    0.010  0.231    0.089         2
## 88    0.899    0.031    0.020    0.003  0.953    0.218         1
## 89    0.151    0.771    0.047    0.005  0.953    0.319         4
## 90    0.948    0.014    0.003    0.003  0.984    0.281         1
## 91    0.210    0.663    0.093    0.002  0.861    0.120         4
## 92    0.813    0.082    0.054    0.006  0.963    0.441         1
## 93    0.117    0.232    0.418    0.207  0.905    0.160         4
## 94    0.598    0.134    0.167    0.054  0.638    0.091         1
## 95    0.684    0.056    0.040    0.146  0.876    0.229         1
## 96    0.125    0.730    0.070    0.015  0.970    0.145         4
## 97    0.114    0.599    0.069    0.187  0.948    0.168         4
## 98    0.912    0.016    0.015    0.020  0.925    0.282         1
## 99    0.869    0.036    0.028    0.020  0.972    0.175         1
## 100   0.053    0.917    0.015    0.012  0.990    0.170         4
## 101   0.857    0.105    0.019    0.000  0.952    0.162         1
## 102   0.357    0.386    0.124    0.089  0.872    0.261         1
## 103   0.799    0.037    0.016    0.063  0.974    0.270         1
## 104   0.004    0.010    0.003    0.977  0.875    0.045         3
## 105   0.889    0.034    0.020    0.005  0.966    0.149         1
## 106   0.632    0.138    0.043    0.076  0.888    0.227         1
## 107   0.884    0.064    0.004    0.000  0.978    0.213         1
## 108   0.008    0.974    0.014    0.002  0.962    0.226         4
## 109   0.854    0.076    0.000    0.006  1.000    0.146         1
## 110   0.366    0.115    0.392    0.014  0.500    0.131         2
## 111   0.869    0.080    0.017    0.003  0.990    0.343         1
## 112   0.145    0.413    0.290    0.040  0.853    0.212         2
## 113   0.917    0.030    0.000    0.000  0.970    0.174         1
## 114   0.085    0.200    0.266    0.432  0.828    0.141         2
## 115   0.187    0.483    0.228    0.037  0.918    0.191         4
## 116   0.943    0.024    0.004    0.020  0.984    0.263         1
## 117   0.894    0.041    0.014    0.030  0.977    0.256         1
## 118   0.142    0.802    0.033    0.009  0.995    0.241         4
## 119   0.957    0.027    0.000    0.000  1.000    0.130         1
## 120   0.894    0.035    0.008    0.039  0.922    0.216         1
## 121   0.552    0.148    0.150    0.112  0.751    0.133         1
## 122   0.918    0.022    0.007    0.007  0.957    0.150         1
## 123   0.944    0.033    0.007    0.000  1.000    0.189         1
## 124   0.795    0.047    0.021    0.091  0.953    0.326         1
## 125   0.013    0.983    0.001    0.001  0.886    0.140         4
## 126   0.578    0.333    0.067    0.022  1.000    0.267         1
## 127   0.969    0.010    0.000    0.000  0.990    0.277         1
```

```
## 128    0.898      0.031      0.006      0.040  1.000      0.183          1
## 129    0.156      0.772      0.018      0.009  0.982      0.246          4
## 130    0.687      0.238      0.021      0.015  0.988      0.238          1
## 131    0.145      0.788      0.041      0.008  0.933      0.243          4
## 132    0.233      0.485      0.165      0.063  0.840      0.180          1
## 133    0.544      0.095      0.261      0.024  0.660      0.190          1
## 134    0.160      0.505      0.107      0.135  0.851      0.256          4
## 135    0.822      0.055      0.017      0.059  0.936      0.148          1
## 136    0.902      0.040      0.009      0.024  0.907      0.301          1
## 137    0.152      0.087      0.596      0.073  0.275      0.119          2
## 138    0.905      0.034      0.024      0.000  0.980      0.214          1
## 139    0.664      0.035      0.007      0.241  0.982      0.116          4
## 140    0.932      0.016      0.000      0.000  0.816      0.110          1
## 141    0.892      0.041      0.016      0.000  0.843      0.157          1
## 142    0.927      0.050      0.002      0.000  0.915      0.137          1
## 143    0.960      0.016      0.000      0.000  0.878      0.118          1
## 144    0.800      0.200      0.000      0.000    NA         NA           2
## 145    0.866      0.085      0.012      0.017  0.945      0.099          1
## 146    0.955      0.008      0.008      0.008  0.921      0.136          1
## 147    0.611      0.071      0.187      0.025  0.667      0.062          1
## 148    0.270      0.047      0.554      0.022  0.326      0.069          2
## 149    0.551      0.206      0.105      0.108  0.878      0.200          1
## 150    0.169      0.447      0.216      0.100  0.795      0.251          4
## 151    0.494      0.187      0.233      0.046  0.624      0.153          1
## 152    0.800      0.087      0.026      0.043  0.968      0.217          1
## 153    0.241      0.613      0.097      0.001  0.725      0.124          4
## 154    0.134      0.785      0.029      0.018  0.967      0.248          4
## 155    0.101      0.722      0.078      0.080  0.907      0.216          4
## 156    0.803      0.045      0.041      0.077  0.953      0.245          1
## 157    0.798      0.082      0.029      0.038  0.941      0.276          1
## 158    0.585      0.118      0.113      0.072  0.741      0.161          1
## 159    0.915      0.062      0.000      0.008  0.964      0.350          1
## 160    0.842      0.053      0.021      0.011  0.979      0.232          1
## 161    0.945      0.025      0.009      0.000  0.947      0.283          1
## 162    0.486      0.042      0.024      0.415  0.856      0.152          2
## 163    0.911      0.039      0.000      0.004  0.932      0.136          1
## 164    0.818      0.088      0.029      0.015  0.883      0.219          1
## 165    0.327      0.512      0.052      0.089  0.884      0.269          4
## 166    0.079      0.518      0.309      0.068  0.562      0.115          4
## 167    0.097      0.789      0.083      0.000  0.753      0.181          4
## 168    0.783      0.063      0.017      0.085  0.991      0.171          1
## 169    0.612      0.235      0.029      0.104  0.879      0.216          1
## 170    0.766      0.128      0.028      0.000  0.975      0.174          1
## 171    0.073      0.863      0.034      0.002  0.969      0.181          4
## 172    0.916      0.035      0.017      0.009  0.959      0.238          1
## 173    0.941      0.020      0.029      0.000  0.941      0.245          1
## 174    0.936      0.020      0.028      0.000  0.980      0.199          1
## 175    0.926      0.032      0.004      0.000  0.989      0.191          1
## 176    0.500      0.500      0.000      0.000    NA         NA           2
## 177    0.237      0.548      0.027      0.165  0.974      0.279          4
## 178    0.938      0.000      0.063      0.000    NA         NA           2
## 179    0.920      0.035      0.007      0.007  0.990      0.282          1
## 180    0.695      0.046      0.023      0.205  0.959      0.126          1
## 181    0.645      0.029      0.018      0.219  0.910      0.211          1
```

```
## 182    0.851    0.075    0.010    0.022  0.949    0.173              1
## 183    0.916    0.051    0.010    0.003  0.949    0.208              1
## 184    0.925    0.034    0.000    0.000  0.960    0.239              1
## 185    0.929    0.051    0.010    0.000  0.939    0.131              1
## 186    0.231    0.423    0.212    0.014  0.870    0.274              4
## 187    0.127    0.275    0.219    0.331  0.963    0.104              2
## 188    0.018    0.949    0.016    0.007  0.904    0.198              4
## 189    0.978    0.000    0.000    0.000  0.913    0.283              1
## 190    0.895    0.028    0.011    0.031  0.915    0.292              1
## 191    0.243    0.538    0.114    0.067  0.877    0.179              4
## 192    0.908    0.031    0.015    0.020  0.990    0.245              1
## 193    0.153    0.392    0.339    0.053  0.811    0.211              4
## 194    0.119    0.347    0.342    0.067  0.565    0.114              2
## 195    0.892    0.036    0.019    0.034  0.933    0.320              1
## 196    0.851    0.050    0.018    0.025  0.989    0.306              1
## 197    0.121    0.621    0.128    0.079  0.883    0.234              4
## 198    0.977    0.018    0.002    0.000  0.974    0.078              1
## 199    0.863    0.032    0.037    0.024  0.815    0.005              1
## 200    0.985    0.010    0.000    0.000  0.951    0.108              1
## 201    0.876    0.044    0.005    0.011  0.899    0.090              1
## 202    0.212    0.693    0.011    0.078  0.034    0.000              2
## 203    0.701    0.096    0.037    0.021  0.834    0.000              2
## 204    0.863    0.048    0.048    0.004  0.974    0.000              1
## 205    0.000    1.000    0.000    0.000  0.931    0.020              4
## 206    0.979    0.007    0.014    0.000  0.542    0.007              1
## 207    0.766    0.102    0.024    0.018  0.976    0.024              1
## 208    0.916    0.013    0.004    0.004  0.930    0.018              1
## 209    0.006    0.983    0.011    0.000  0.976    0.009              4
## 210    0.030    0.899    0.024    0.047  0.970    0.018              4
## 211    0.556    0.052    0.281    0.007  0.659    0.148              1
## 212    0.608    0.077    0.200    0.062  0.808    0.223              1
## 213    0.905    0.017    0.000    0.008  1.000    0.008              1
## 214    0.294    0.444    0.175    0.006  0.600    0.000              4
## 215    0.011    0.979    0.003    0.000  1.000    0.024              4
## 216    0.468    0.453    0.026    0.015  0.864    0.072              1
## 217    0.030    0.920    0.032    0.002  0.839    0.121              4
## 218    0.827    0.120    0.010    0.010  0.928    0.091              1
## 219    0.002    0.998    0.000    0.000  1.000    0.027              4
## 220    0.010    0.985    0.005    0.001  0.885    0.015              4
## 221    0.961    0.008    0.016    0.000  0.992    0.000              1
## 222    0.008    0.303    0.403    0.269  0.605    0.034              2
## 223    0.028    0.713    0.180    0.017  0.713    0.017              4
## 224    0.344    0.604    0.019    0.019  0.987    0.000              4
## 225    0.004    0.970    0.025    0.000  0.772    0.021              4
## 226    0.025    0.155    0.329    0.445  0.643    0.004              2
## 227    0.006    0.958    0.012    0.000  0.939    0.024              4
## 228    0.016    0.853    0.074    0.009  0.717    0.022              4
## 229    0.045    0.246    0.582    0.052  0.590    0.045              2
## 230    0.887    0.036    0.006    0.002  0.798    0.013              1
## 231    0.784    0.057    0.023    0.034  1.000    0.000              1
## 232    0.087    0.876    0.012    0.019  1.000    0.037              4
## 233    0.041    0.463    0.446    0.008  0.727    0.008              2
## 234    0.770    0.080    0.023    0.069  0.977    0.000              1
## 235    0.661    0.185    0.081    0.008  0.847    0.008              1
```

```
## 236   0.000      0.983      0.006      0.009   0.977   0.014                4
## 237   0.013      0.657      0.066      0.234   0.762   0.043                4
## 238   0.308      0.115      0.302      0.022   0.599   0.011                3
## 239   0.020      0.450      0.477      0.000   0.383   0.013                2
## 240   0.063      0.938      0.000      0.000      NA      NA                2
## 241   0.181      0.002      0.339      0.467   0.893   0.000                2
## 242   0.614      0.078      0.199      0.024   0.831   0.072                1
## 243   0.061      0.866      0.059      0.005   0.993   0.139                4
## 244   0.304      0.575      0.096      0.008   0.951   0.102                4
## 245   0.012      0.936      0.048      0.000   0.976   0.060                4
## 246   0.896      0.068      0.007      0.002   0.855   0.017                1
## 247   0.913      0.043      0.000      0.000   0.145   0.014                2
## 248   0.163      0.745      0.054      0.000   0.975   0.172                4
## 249   0.102      0.237      0.548      0.000   0.723   0.000                2
## 250   0.000      0.000      1.000      0.000      NA      NA                3
## 251   0.098      0.826      0.065      0.000   0.967   0.011                4
## 252   0.014      0.953      0.028      0.000   0.782   0.185                4
## 253   0.099      0.782      0.106      0.000   0.894   0.000                4
## 254   0.455      0.165      0.306      0.023   0.622   0.006                1
## 255   0.254      0.144      0.447      0.032   0.323   0.095                2
## 256   0.645      0.121      0.070      0.026   0.480   0.084                2
## 257   0.066      0.487      0.184      0.145   0.618   0.026                2
## 258   0.000      0.000      1.000      0.000   0.421   0.010                3
##                              overall_rating cluster_geo
## 1           Fails to Meet Expectations           3
## 2    Significantly Exceeds Expectations           3
## 3                              NR-DATA           3
## 4                    Meets Expectations           2
## 5                  Exceeds Expectations           3
## 6                  Exceeds Expectations           2
## 7                  Exceeds Expectations           3
## 8           Fails to Meet Expectations           2
## 9    Significantly Exceeds Expectations           2
## 10              Meets Few Expectations           2
## 11                             NR-DATA           2
## 12                 Exceeds Expectations           3
## 13                 Exceeds Expectations           2
## 14                             NR-DATA           2
## 15                 Exceeds Expectations           3
## 16                   Meets Expectations           2
## 17                   Meets Expectations           2
## 18              Meets Few Expectations           3
## 19                   Meets Expectations           2
## 20                 Exceeds Expectations           1
## 21   Significantly Exceeds Expectations           1
## 22              Meets Few Expectations           2
## 23          Fails to Meet Expectations           2
## 24                 Exceeds Expectations           1
## 25              Meets Few Expectations           3
## 26                 Exceeds Expectations           2
## 27                 Exceeds Expectations           2
## 28                 Exceeds Expectations           2
## 29                             NR-DATA           1
## 30                   Meets Expectations           2
```

```
## 31                    Exceeds Expectations   2
## 32                    Exceeds Expectations   2
## 33                     Meets Expectations    2
## 34                    Exceeds Expectations   2
## 35                    Exceeds Expectations   2
## 36                               NR-DATA     2
## 37                               NR-DATA     2
## 38                     Meets Expectations    2
## 39                    Exceeds Expectations   2
## 40                               NR-DATA     2
## 41      Significantly Exceeds Expectations   3
## 42                     Meets Expectations    2
## 43    Alternate Rating - Needs Improvement   3
## 44                    Exceeds Expectations   3
## 45                     Meets Expectations    3
## 46                     Meets Expectations    3
## 47    Alternate Rating - Needs Improvement   2
## 48    Alternate Rating - Needs Improvement   2
## 49    Alternate Rating - Needs Improvement   2
## 50                 Meets Few Expectations    3
## 51                 Fails to Meet Expectations 3
## 52                 Meets Few Expectations    2
## 53    Alternate Rating - Needs Improvement   2
## 54                 Meets Few Expectations    2
## 55    Alternate Rating - Needs Improvement   2
## 56                 Fails to Meet Expectations 3
## 57      Significantly Exceeds Expectations   1
## 58                     Meets Expectations    3
## 59                 Meets Few Expectations    2
## 60                 Meets Few Expectations    2
## 61                 Meets Few Expectations    2
## 62                 Fails to Meet Expectations 2
## 63                    Exceeds Expectations   2
## 64                 Meets Few Expectations    3
## 65                    Exceeds Expectations   3
## 66      Significantly Exceeds Expectations   3
## 67                     Meets Expectations    3
## 68                     Meets Expectations    3
## 69                     Meets Expectations    2
## 70                 Fails to Meet Expectations 2
## 71                    Exceeds Expectations   2
## 72                 Meets Few Expectations    2
## 73                     Meets Expectations    2
## 74                     Meets Expectations    2
## 75                     Meets Expectations    1
## 76                     Meets Expectations    2
## 77                    Exceeds Expectations   3
## 78                     Meets Expectations    2
## 79                     Meets Expectations    3
## 80                 Meets Few Expectations    2
## 81                     Meets Expectations    3
## 82    Alternate Rating - Needs Improvement   2
## 83                 Fails to Meet Expectations 2
## 84                 Meets Few Expectations    2
```

```
## 85                      Exceeds Expectations            2
## 86                      Exceeds Expectations            3
## 87                      Exceeds Expectations            1
## 88                       Meets Expectations             2
## 89                       Meets Expectations             3
## 90                       Meets Expectations             2
## 91                     Meets Few Expectations           3
## 92                       Meets Expectations             2
## 93      Alternate Rating - Needs Improvement            3
## 94                      Exceeds Expectations            2
## 95                       Meets Expectations             2
## 96                   Fails to Meet Expectations          3
## 97                    Meets Few Expectations            3
## 98                       Meets Expectations             2
## 99      Alternate Rating - Needs Improvement            2
## 100                      Meets Expectations             3
## 101     Alternate Rating - Needs Improvement            2
## 102                    Meets Few Expectations           3
## 103                     Exceeds Expectations            2
## 104                     Exceeds Expectations            1
## 105                      Meets Expectations             2
## 106                    Meets Few Expectations           2
## 107                    Meets Few Expectations           2
## 108                     Exceeds Expectations            3
## 109                    Meets Few Expectations           2
## 110                     Exceeds Expectations            1
## 111                      Meets Expectations             2
## 112                    Meets Few Expectations           3
## 113                 Fails to Meet Expectations           2
## 114                      Meets Expectations             1
## 115                     Exceeds Expectations            3
## 116                 Fails to Meet Expectations           2
## 117                 Fails to Meet Expectations           2
## 118                     Exceeds Expectations            3
## 119                    Meets Few Expectations           2
## 120                     Exceeds Expectations            2
## 121                      Meets Expectations             2
## 122                    Meets Few Expectations           2
## 123                     Exceeds Expectations            2
## 124                      Meets Expectations             2
## 125                      Meets Expectations             3
## 126 Alternate Rating - Satisfactory Progress            2
## 127                      Meets Expectations             2
## 128                 Fails to Meet Expectations           2
## 129                      Meets Expectations             3
## 130                    Meets Few Expectations           2
## 131                      Meets Expectations             3
## 132                 Fails to Meet Expectations           3
## 133                      Meets Expectations             2
## 134                    Meets Few Expectations           3
## 135                 Fails to Meet Expectations           2
## 136                 Fails to Meet Expectations           2
## 137          Significantly Exceeds Expectations          1
## 138                      Meets Expectations             2
```

```
## 139                       Exceeds Expectations        3
## 140                        Meets Expectations         2
## 141                        Meets Expectations         2
## 142                        Meets Expectations         2
## 143                       Exceeds Expectations        2
## 144 Alternate Rating - Satisfactory Progress          1
## 145                        Meets Expectations         2
## 146     Significantly Exceeds Expectations            2
## 147                        Meets Expectations         2
## 148                       Exceeds Expectations        1
## 149                     Meets Few Expectations        2
## 150                       Exceeds Expectations        3
## 151                        Meets Expectations         2
## 152                       Exceeds Expectations        2
## 153                     Meets Few Expectations        3
## 154                        Meets Expectations         3
## 155                        Meets Expectations         3
## 156                     Meets Few Expectations        2
## 157                        Meets Expectations         2
## 158                  Fails to Meet Expectations       2
## 159                  Fails to Meet Expectations       2
## 160      Alternate Rating - Needs Improvement         2
## 161                  Fails to Meet Expectations       2
## 162                       Exceeds Expectations        1
## 163     Significantly Exceeds Expectations            2
## 164      Alternate Rating - Needs Improvement         2
## 165                  Fails to Meet Expectations       3
## 166                       Exceeds Expectations        3
## 167                        Meets Expectations         3
## 168                        Meets Expectations         2
## 169                     Meets Few Expectations        2
## 170                     Meets Few Expectations        2
## 171                        Meets Expectations         3
## 172                        Meets Expectations         2
## 173      Alternate Rating - Needs Improvement         2
## 174                  Fails to Meet Expectations       2
## 175                        Meets Expectations         2
## 176      Alternate Rating - Needs Improvement         1
## 177                  Fails to Meet Expectations       3
## 178 Alternate Rating - Satisfactory Progress          1
## 179                        Meets Expectations         2
## 180                        Meets Expectations         2
## 181                        Meets Expectations         2
## 182                     Meets Few Expectations        2
## 183                        Meets Expectations         2
## 184                     Meets Few Expectations        2
## 185 Alternate Rating - Satisfactory Progress          2
## 186                        Meets Expectations         3
## 187                        Meets Expectations         1
## 188                        Meets Expectations         3
## 189      Alternate Rating - Needs Improvement         2
## 190                     Meets Few Expectations        2
## 191                       Exceeds Expectations        3
## 192                        Meets Expectations         2
```

```
## 193                             Meets Expectations   3
## 194                           Exceeds Expectations   1
## 195                    Fails to Meet Expectations     2
## 196                    Fails to Meet Expectations     2
## 197                             Meets Expectations   3
## 198                        Meets Few Expectations     2
## 199                        Meets Few Expectations     2
## 200                          Exceeds Expectations     2
## 201                             Meets Expectations   2
## 202                        Meets Few Expectations     1
## 203                          Exceeds Expectations     1
## 204        Significantly Exceeds Expectations         2
## 205        Significantly Exceeds Expectations         3
## 206                          Exceeds Expectations     2
## 207                          Exceeds Expectations     2
## 208                             Meets Expectations   2
## 209                          Exceeds Expectations     3
## 210                          Exceeds Expectations     3
## 211                             Meets Expectations   2
## 212 Alternate Rating - Satisfactory Progress          2
## 213                          Exceeds Expectations     2
## 214                             Meets Expectations   3
## 215                          Exceeds Expectations     3
## 216        Significantly Exceeds Expectations         2
## 217                          Exceeds Expectations     3
## 218 Alternate Rating - Satisfactory Progress          2
## 219        Significantly Exceeds Expectations         3
## 220                             Meets Expectations   3
## 221                        Meets Few Expectations     2
## 222        Significantly Exceeds Expectations         1
## 223                          Exceeds Expectations     3
## 224                             Meets Expectations   3
## 225                          Exceeds Expectations     3
## 226        Significantly Exceeds Expectations         1
## 227        Significantly Exceeds Expectations         3
## 228                             Meets Expectations   3
## 229                          Exceeds Expectations     1
## 230        Significantly Exceeds Expectations         2
## 231                             Meets Expectations   2
## 232                          Exceeds Expectations     3
## 233                             Meets Expectations   1
## 234                             Meets Expectations   2
## 235                          Exceeds Expectations     2
## 236                          Exceeds Expectations     3
## 237                          Exceeds Expectations     3
## 238                          Exceeds Expectations     1
## 239        Significantly Exceeds Expectations         1
## 240                                       NR-DATA     1
## 241        Significantly Exceeds Expectations         1
## 242        Significantly Exceeds Expectations         2
## 243                    Fails to Meet Expectations     3
## 244                          Exceeds Expectations     3
## 245                             Meets Expectations   3
## 246                             Meets Expectations   2
```

```
## 247              Fails to Meet Expectations              1
## 248              Fails to Meet Expectations              3
## 249                             NR-DATA              1
## 250                             NR-DATA              1
## 251                             NR-DATA              3
## 252                  Meets Expectations              3
## 253                  Meets Expectations              3
## 254                Exceeds Expectations              2
## 255                Exceeds Expectations              1
## 256                Exceeds Expectations              1
## 257    Significantly Exceeds Expectations              1
## 258                Exceeds Expectations              1
```