



# Cluster Analysis of Milwaukee Schools

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## Introduction

### Purpose

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

Method A was selected because it was simpler and because Method B only served to nudge edge-case schools into or away from physically nearby clusters depending on how similar they were.

### Key Findings

The results are three clusters, here called Cluster 1, Cluster 2, and Cluster 3.

- **Cluster 1** is the second largest cluster, and it serves second most disadvantaged student body, located primarily on the south side of the city.
- **Cluster 2** is the smallest cluster, and it is by far the least disadvantaged student body.
- **Cluster 3** is the largest and most disadvantaged cluster; located primarily on the north side and predominantly serving Black students, it also has highest proportion of students with disabilities and economically disadvantaged students.

Below are summary tables that provide student body demographics, School Report Card outcomes for the 2020-21 school year, and the count of schools in each School Board District (SBD).<sup>1</sup>

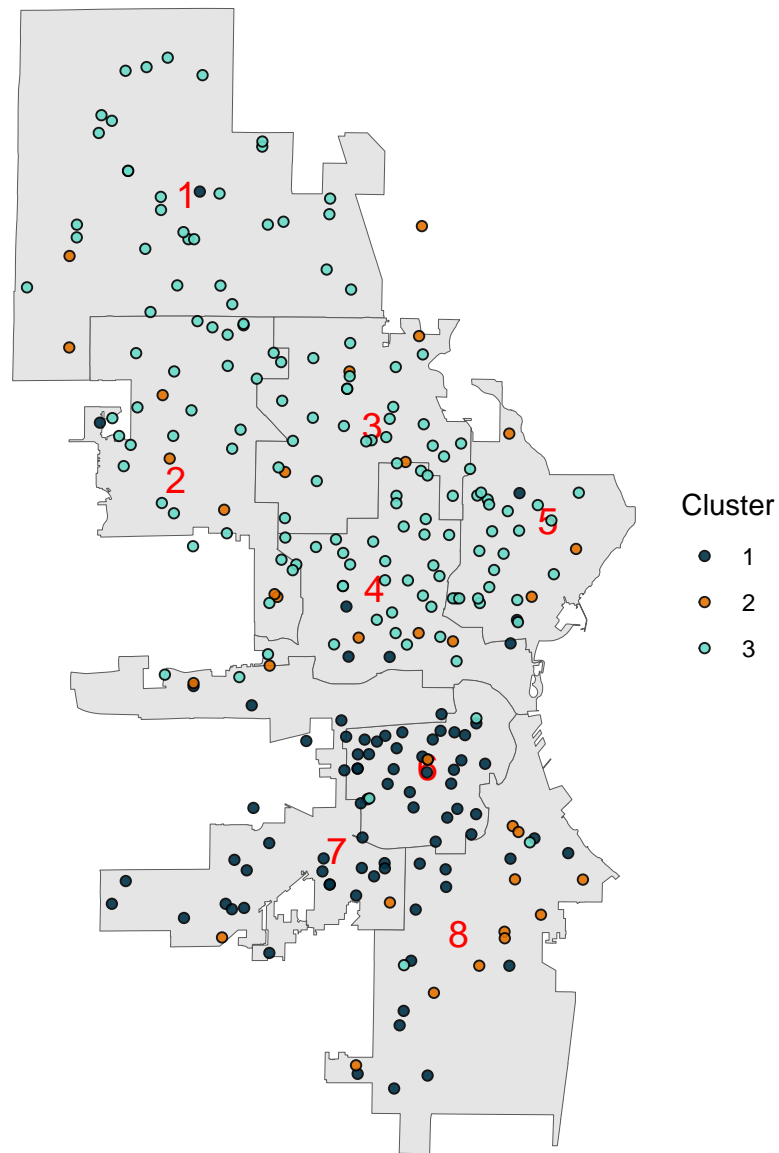
| Cluster | N   | Black | Hisp/Lat | White | Asian | SwD   | LEP   | ECD   |
|---------|-----|-------|----------|-------|-------|-------|-------|-------|
| 1       | 82  | 13%   | 69%      | 10.0% | 5.0%  | 13.3% | 25.9% | 87.4% |
| 2       | 33  | 29%   | 20%      | 32.2% | 11.1% | 5.6%  | 4.6%  | 51.0% |
| 3       | 144 | 85%   | 6%       | 3.2%  | 2.3%  | 15.0% | 1.5%  | 92.1% |

| Cluster | N   | Overall Score | Achievement | Growth |
|---------|-----|---------------|-------------|--------|
| 1       | 82  | 66.1          | 37.6        | 68.1   |
| 2       | 33  | 75.6          | 57.7        | 79.3   |
| 3       | 144 | 60.5          | 22.9        | 65.9   |

| Cluster | SBD1 | SBD2 | SBD3 | SBD4 | SBD5 | SBD6 | SBD7 | SBD8 | None |
|---------|------|------|------|------|------|------|------|------|------|
| 1       | 1    | 1    | 0    | 4    | 2    | 32   | 26   | 14   | 2    |
| 2       | 2    | 5    | 4    | 4    | 3    | 1    | 3    | 10   | 1    |
| 3       | 31   | 26   | 26   | 31   | 22   | 2    | 2    | 2    | 2    |

<sup>1</sup>This report uses School Board District boundaries adopted by MPS in 2022.

## Clustered School Locations



Boundaries and **red labels** represent School Board Districts adopted in 2022.

## Distribution of School Demographics by Cluster



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## Analysis and Methodology

### 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:

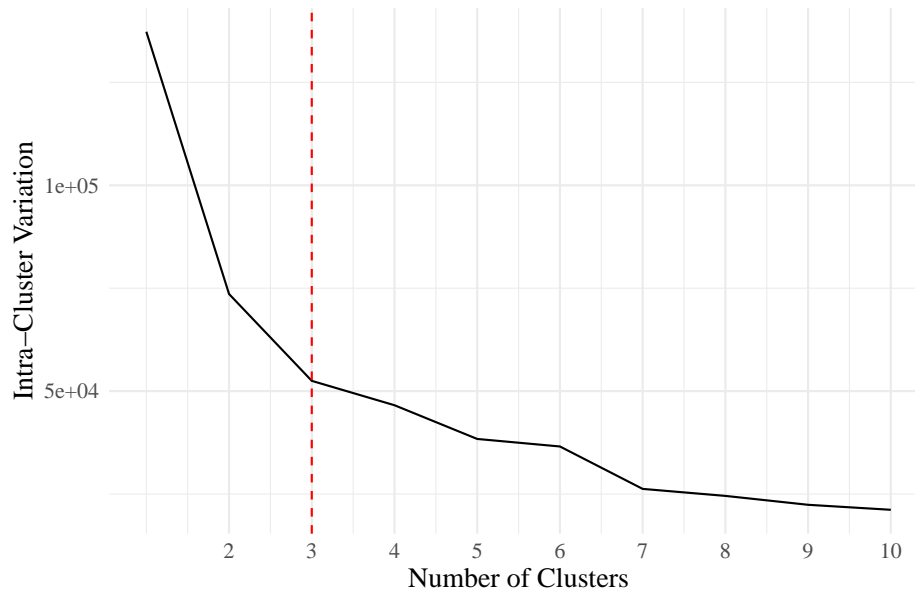
- Percent Asian
- Percent Black
- Percent Latino
- Percent two or more races
- Percent white
- Percent students with disabilities
- Percent limited English proficiency
- Percent economically disadvantaged
- Latitude of school (Method B only)
- Longitude of school (Method B only)

### 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 warrant adding that additional cluster.

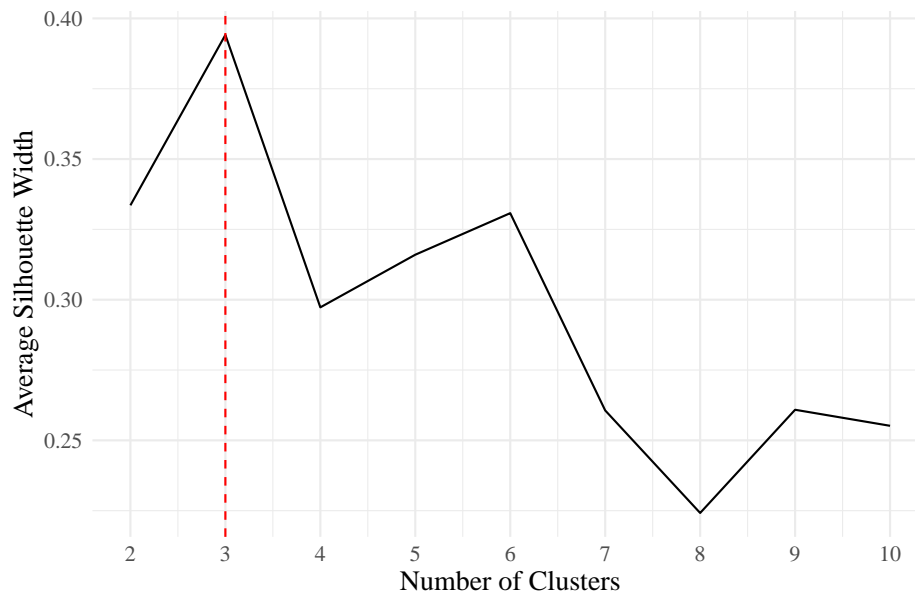
## Elbow method



When examining the plot, the optimum number of clusters is observed as an “elbow” in the line. For our case here, three 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 also three. **Therefore, we will settle on three clusters.**

## Method A: Clustering without Geography

Method A clusters schools based on characteristics of the student body, i.e. race/ethnicity, disability status, English learner status, and economic status. This method does not directly account for the location of the school within the city, though because Milwaukee is so segregated, we will undoubtedly see that our clusters are grouped geographically.

Table 1: Method A Cluster Descriptions

| Cluster | N   | Black | Hisp/Lat | White | Asian | SwD   | LEP   | ECD   |
|---------|-----|-------|----------|-------|-------|-------|-------|-------|
| 1       | 82  | 13%   | 69%      | 10.0% | 5.0%  | 13.3% | 25.9% | 87.4% |
| 2       | 33  | 29%   | 20%      | 32.2% | 11.1% | 5.6%  | 4.6%  | 51.0% |
| 3       | 144 | 85%   | 6%       | 3.2%  | 2.3%  | 15.0% | 1.5%  | 92.1% |

Table 1 shows the average demographics of the schools within each cluster, along with the count of schools.

- **Cluster 1** is comprised of schools where Hispanic/Latino students make up the largest share of the student body. The percent of Students with Disabilities and Economically Disadvantaged students is much higher than Cluster 2, though slightly lower than Cluster 3. The percent of students with Limited English Proficiency is highest among the three clusters.
- **Cluster 2** is comprised of more diverse schools, and the percent of Students with Disabilities and Economically Disadvantaged students is lowest among the three clusters.
- **Cluster 3** is comprised of schools where Black students make up the largest share of the student body, and the percent of Students with Disabilities and Economically Disadvantaged students is highest among the three clusters.

A more simplified way to interpret the clusters is that Cluster 3 is the most disadvantaged because we have observed over the years that Black students, Students with Disabilities, and Economically Disadvantaged students have the lowest access to high quality schools. Cluster 2 is slightly less disadvantaged, and Cluster 1 is by far the least disadvantaged.

Table 2: Method A Cluster Report Card Scores (2020-21)

| Cluster | N   | Overall Score | Achievement | Growth |
|---------|-----|---------------|-------------|--------|
| 1       | 82  | 66.1          | 37.6        | 68.1   |
| 2       | 33  | 75.6          | 57.7        | 79.3   |
| 3       | 144 | 60.5          | 22.9        | 65.9   |

Table 2, showing average School Report Card scores for each cluster, supports these descriptions. Cluster 3 schools show the lowest scores, Cluster 1 scores are in the middle, and Cluster 2 shows the highest scores.

Finally, let's take a look at where the schools fall within the city, including their School Board District. Table 3 provides the count of schools from each cluster that fall within each School Board District (SBD).<sup>2</sup> The following map plots the location of the school within the city, with SBD boundaries and text labels provided for reference.

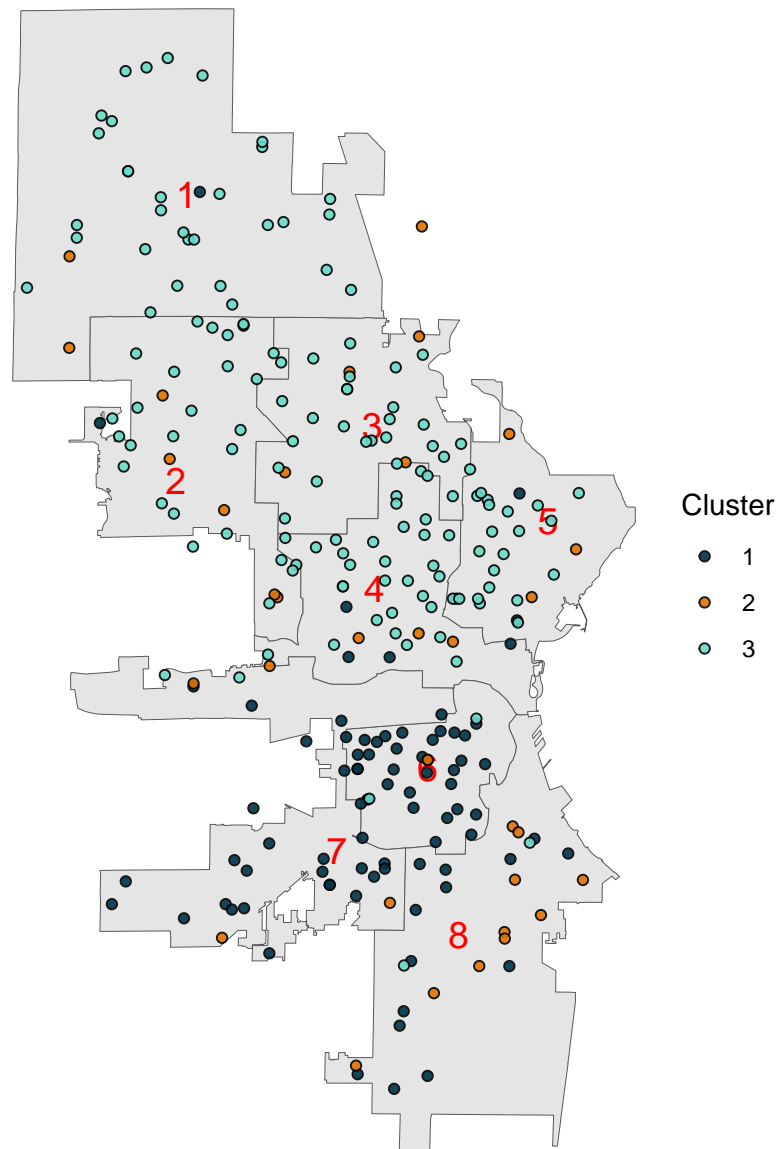
Taken together, we can see that Cluster 1 is concentrated on the south side of the city, Cluster 3 is concentrated on the north side, and Cluster 2 is fairly spread out across the city, though with an area of concentration in SBD8.

<sup>2</sup>School Board Districts are those adopted by the MPS Board of Directors in 2022.

Table 3: Method A Cluster Location in School Board Districts

| Cluster | SBD1 | SBD2 | SBD3 | SBD4 | SBD5 | SBD6 | SBD7 | SBD8 | None |
|---------|------|------|------|------|------|------|------|------|------|
| 1       | 1    | 1    | 0    | 4    | 2    | 32   | 26   | 14   | 2    |
| 2       | 2    | 5    | 4    | 4    | 3    | 1    | 3    | 10   | 1    |
| 3       | 31   | 26   | 26   | 31   | 22   | 2    | 2    | 2    | 2    |

## Method A School Locations



Boundaries and **red labels** represent School Board Districts adopted in 2022.



## Method B: Clustering with Geography

Method B is essentially the same as Method A, except it adds the school's latitude and longitude as variables to the clustering algorithm, thereby accounting for the school's physical location. Reviewing the cluster descriptions in Table 4 below, we see that the clusters are quite similar to those of Method A. The broad interpretations we made above still hold – Cluster 3 remains the most disadvantaged, Cluster 2 the least, and Cluster 1 in the middle.

Table 4: Method B Cluster Descriptions

| Cluster | N   | Black | Hisp/Lat | White | Asian | SwD    | LEP   | ECD   |
|---------|-----|-------|----------|-------|-------|--------|-------|-------|
| 1       | 81  | 13%   | 69%      | 9.5%  | 4.8%  | 13.85% | 25.8% | 88.1% |
| 2       | 35  | 27%   | 23%      | 32.0% | 11.5% | 5.64%  | 5.8%  | 52.1% |
| 3       | 143 | 85%   | 6%       | 3.2%  | 2.3%  | 14.80% | 1.4%  | 92.0% |

Further, we observe the same trend in Report Card Scores, as shown in Table 5 below.

Table 5: Method B Cluster Report Card Scores (2020-21)

| Cluster | N   | Overall Score | Achievement | Growth |
|---------|-----|---------------|-------------|--------|
| 1       | 81  | 65.2          | 36.3        | 67.3   |
| 2       | 35  | 75.5          | 58.3        | 78.4   |
| 3       | 143 | 60.9          | 23.1        | 66.4   |

This is not surprising, since most schools were grouped in the same cluster as Method A. In fact, there were only six schools that had a different cluster in Method B than in Method A.

Reviewing the characteristics of these schools shown in Table 6, we can see that they are racially diverse, making them edge cases for any cluster. In fact, what seems to have happened is that the addition of geography to the algorithm has nudged the clustering in such a way that these edge cases were grouped more in line with schools in geographic proximity.

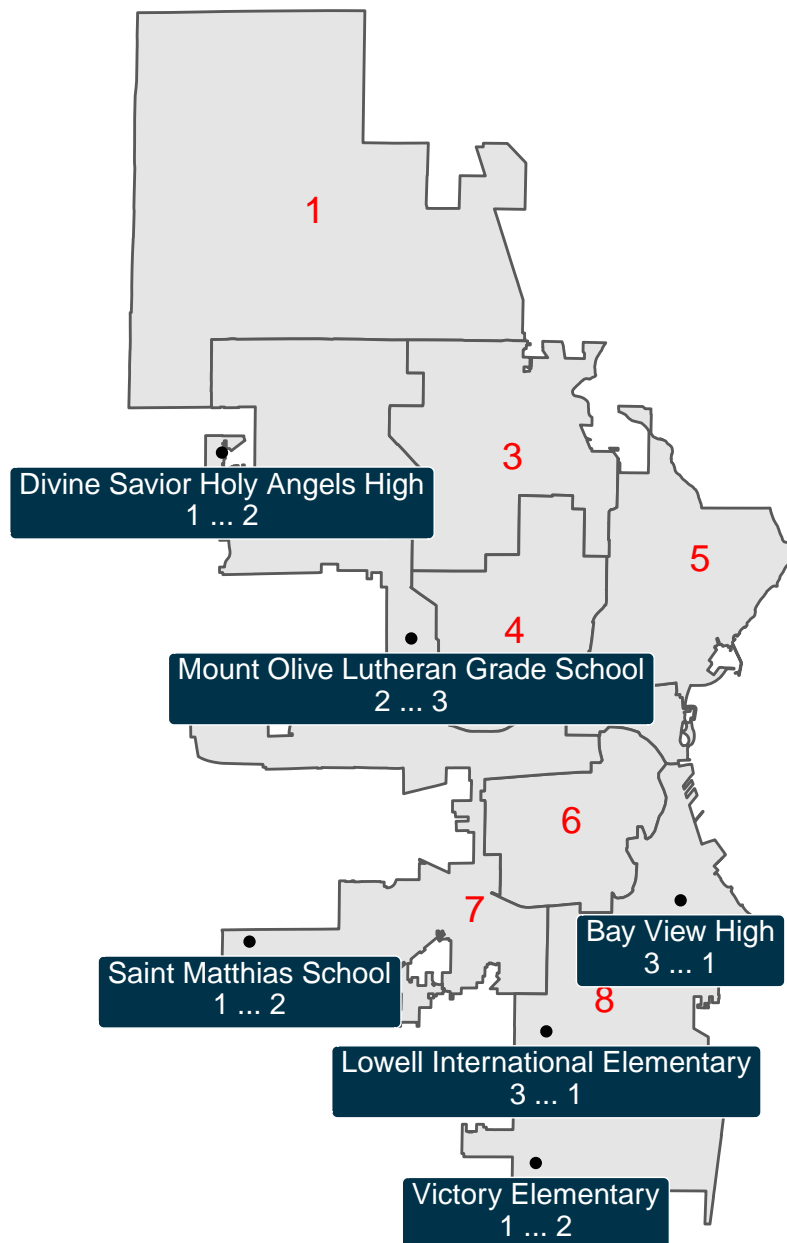
For instance, Divine Savior Holy Angles (DSHA) was placed in Cluster 1 with Method A, which is the predominantly south-side cluster. When geography is added with Method B, DSHA is clustered in with Cluster 2, the least disadvantaged/most geographically distributed cluster. In other words, When location was added to the mix, DSHA was deemed to be too far from Cluster 1, even though the student body composition would place it there.

Similarly, Bay View high was placed in Cluster 3 by Method A, though its racial demographics make it a bit of an edge case there, not too dissimilar from Cluster 1. Then when location is added, it tips the scale so that it is added to its geographically nearby cluster, Cluster 1.

Adding geographic location to the clustering algorithm does not make significant changes to the clusters, though it does move certain edge cases to different clusters, adding or removing them from cluster in their geographic proximity depending on similarity with that cluster. **Therefore, we will select Method A because 1) it is the simpler method, and 2) we are interested in the students served by schools, even if a school serves a student body that is dissimilar from surrounding schools.**

Table 6: Schools with Different Clusters

| School                            | Method A | Method B | Black | Hisp/Lat | White | Asian | SwD   | LEP   | ECD   |
|-----------------------------------|----------|----------|-------|----------|-------|-------|-------|-------|-------|
| Bay View High                     | 3        | 1        | 46.8% | 31.2%    | 12.5% | 3.6%  | 27.6% | 8.7%  | 90.3% |
| Divine Savior Holy Angels High    | 1        | 2        | 27.8% | 57.7%    | 12.4% | 2.1%  | 0.0%  | 0.0%  | 33.0% |
| Lowell International Elementary   | 3        | 1        | 23.3% | 48.5%    | 16.5% | 6.3%  | 18.0% | 1.9%  | 84.0% |
| Mount Olive Lutheran Grade School | 2        | 3        | 55.6% | 9.3%     | 21.2% | 2.0%  | 0.0%  | 0.0%  | 67.5% |
| Saint Matthias School             | 1        | 2        | 4.1%  | 46.3%    | 44.6% | 0.8%  | 0.8%  | 5.0%  | 72.7% |
| Victory Elementary                | 1        | 2        | 12.7% | 27.5%    | 21.9% | 33.1% | 10.4% | 37.7% | 96.3% |



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## Results

We have already covered a good deal of information regarding the output of Method A. For instance, we have seen that Cluster 3 is the most disadvantaged, Cluster 1 is a bit less disadvantaged, and Cluster 2 is by far the least disadvantaged. This interpretation is supported by the average School Report Card scores for each cluster.

Geographically, the clusters follow the segregation of the city. Cluster 3, which serves a majority of Black students, is clustered on the north side of the city. Cluster 1, which serves a majority of Hispanic/Latino students, is clustered on the south side of the city. Cluster 2 is interesting in that it is geographically dispersed (though with the highest concentration in SBD8 on the southeast side of the city).

Finally, the next several pages provide a list of schools (in alphabetical order) with their assigned clusters, along with their Report Card Scores. All data is from the 2020-21 school year.

## List of Schools with Cluster

Table 7: Milwaukee Schools with Clusters

| School  | Cluster | Asian | Black | Hisp/<br>Lat | White | SwD   | LEP   | ECD    | Overall<br>Score | Ach. | Growth |
|---|---------|-------|-------|--------------|-------|-------|-------|--------|------------------|------|--------|
| Academy of Accelerated Learning                               | 1       | 21.7% | 10.1% | 30.8%        | 28.2% | 16.3% | 13.1% | 76.8%  | NA               | NA   | NA     |
| Academy of Excellence   | 1       | 14.1% | 28.4% | 40.5%        | 14.7% | 1.5%  | 27.3% | 76.5%  | 46.2             | 12.8 | 44.2   |
| Achieving Educational Excellence Inc                          | 1       | 0.2%  | 4.5%  | 91.1%        | 2.5%  | 7.0%  | 6.1%  | 90.9%  | 88.4             | 42.9 | 96.3   |
| ALBA - Academia de Lenguaje y Bellas Artes                    | 1       | 0.0%  | 0.0%  | 99.1%        | 0.4%  | 16.6% | 66.9% | 94.0%  | 71.8             | 43.3 | 71.7   |
| Alcott Elementary   | 1       | 6.9%  | 16.4% | 37.8%        | 30.5% | 18.2% | 3.6%  | 79.6%  | 62.3             | 40.8 | 60.3   |
| Allen-Field Elementary  | 1       | 0.0%  | 7.2%  | 87.6%        | 2.9%  | 28.0% | 48.0% | 94.6%  | 63.4             | 23.4 | 65.1   |
| Alliance School of Milwaukee                                  | 3       | 1.3%  | 64.4% | 16.3%        | 10.0% | 37.5% | 3.8%  | 91.3%  | NA               | NA   | NA     |
| Andrew S Douglas Middle                                       | 3       | 1.0%  | 91.3% | 2.6%         | 1.3%  | 26.2% | 0.0%  | 98.4%  | NA               | NA   | NA     |
| ASSATA High   | 3       | 0.0%  | 98.0% | 0.0%         | 0.0%  | 16.7% | 0.0%  | 96.1%  | NA               | NA   | NA     |
| Atlas Preparatory Academy                                     | 1       | 7.9%  | 27.0% | 61.0%        | 1.8%  | 2.5%  | 25.9% | 84.3%  | NA               | NA   | NA     |
| Audubon Technology and Communication High                     | 1       | 2.3%  | 15.3% | 62.7%        | 14.8% | 30.6% | 20.3% | 92.2%  | 55.8             | 23.2 | 51.8   |
| Audubon Technology and Communication Middle                   | 1       | 3.7%  | 21.9% | 64.9%        | 5.0%  | 24.9% | 29.2% | 98.9%  | 44.1             | 21.7 | 41.3   |
| Auer Avenue Elementary  | 3       | 0.0%  | 92.8% | 2.4%         | 0.6%  | 18.0% | 0.0%  | 98.2%  | 53.8             | 7.0  | 59.4   |
| Banner Preparatory School of Milwaukee                        | 3       | 2.9%  | 94.3% | 2.9%         | 0.0%  | 14.3% | 2.9%  | 97.1%  | NA               | NA   | NA     |
| Barbee Elementary   | 3       | 2.5%  | 78.5% | 5.7%         | 7.3%  | 13.9% | 0.0%  | 100.0% | 52.4             | 15.5 | 50.8   |
| Barton Elementary   | 3       | 6.0%  | 82.0% | 4.0%         | 2.4%  | 18.4% | 0.4%  | 94.0%  | NA               | NA   | NA     |
| Bay View High   | 3       | 3.6%  | 46.8% | 31.2%        | 12.5% | 27.6% | 8.7%  | 90.3%  | 41.3             | 14.0 | 37.5   |
| Bay View Montessori School                                    | 2       | 2.1%  | 5.2%  | 20.6%        | 63.5% | 9.2%  | 0.0%  | 34.6%  | 85.5             | 62.2 | 96.3   |
| Believers in Christ Christian Academy                         | 3       | 0.0%  | 91.6% | 3.4%         | 0.0%  | 0.0%  | 0.0%  | 99.0%  | 65.2             | 23.8 | 67.9   |
| Bethune Academy   | 1       | 35.7% | 60.0% | 2.3%         | 0.3%  | 19.0% | 33.9% | 99.3%  | 62.5             | 19.0 | 68.9   |
| Blessed Sacrament Grade School                                | 1       | 1.8%  | 6.0%  | 82.0%        | 4.2%  | 4.2%  | 60.5% | 97.0%  | 79.8             | 35.5 | 95.4   |
| Blessed Savior Catholic School                                | 3       | 0.6%  | 91.6% | 2.2%         | 1.5%  | 1.1%  | 0.0%  | 97.2%  | 76.4             | 25.0 | 86.0   |
| Bradley Technology High                                       | 3       | 3.2%  | 76.4% | 14.4%        | 3.5%  | 22.1% | 6.8%  | 89.8%  | 48.6             | 8.6  | 53.7   |
| Brown Street Academy  | 3       | 0.4%  | 94.4% | 1.6%         | 0.4%  | 25.8% | 0.0%  | 99.2%  | 55.7             | 9.9  | 60.3   |
| Browning Elementary   | 3       | 2.5%  | 88.6% | 3.2%         | 2.1%  | 24.3% | 0.0%  | 96.8%  | 52.2             | 14.2 | 52.7   |
| Bruce Elementary  | 3       | 4.7%  | 79.9% | 4.0%         | 2.6%  | 19.0% | 0.4%  | 97.1%  | 33.3             | 21.7 | NA     |
| Bruce Guadalupe   | 1       | 0.0%  | 0.4%  | 97.7%        | 1.7%  | 8.4%  | 21.1% | 71.3%  | 73.6             | 53.1 | 70.8   |
| Bryant Elementary   | 3       | 5.7%  | 86.6% | 1.9%         | 0.0%  | 28.2% | 0.5%  | 100.0% | 77.7             | 25.7 | 87.9   |
| Burbank Elementary  | 1       | 25.0% | 34.0% | 22.1%        | 12.3% | 22.3% | 20.2% | 90.9%  | 54.8             | 33.3 | 51.8   |
| Burdick Elementary  | 1       | 5.1%  | 7.7%  | 36.1%        | 45.1% | 13.3% | 1.8%  | 60.4%  | 70.4             | 50.8 | 69.8   |
| Carmen High School of Science and Technology South Campus     | 1       | 0.5%  | 2.2%  | 96.8%        | 0.5%  | 9.0%  | 26.9% | 97.6%  | 83.6             | 44.5 | 86.0   |
| Carmen High School of Science and Technology Southeast Campus | 1       | 0.4%  | 4.3%  | 92.1%        | 2.6%  | 11.8% | 29.5% | 93.3%  | 58.3             | 28.4 | 54.6   |

Table 7: Milwaukee Schools with Clusters (*continued*)

| School   | Cluster | Asian | Black  | Hisp/<br>Lat | White | SwD   | LEP   | ECD    | Overall Ach.<br>Score | Growth |      |
|--|---------|-------|--------|--------------|-------|-------|-------|--------|-----------------------|--------|------|
| Carmen Middle School of Science and Technology South Campus          | 1       | 0.5%  | 7.0%   | 87.9%        | 3.0%  | 8.5%  | 40.2% | 93.5%  | 67.5                  | 37.3   | 66.0 |
| Carmen Middle/High School of Science and Technology Northwest Campus | 3       | 1.8%  | 85.8%  | 7.7%         | 2.8%  | 14.5% | 1.7%  | 91.7%  | 63.0                  | 24.3   | 64.1 |
| Carson Academy   | 3       | 0.5%  | 94.7%  | 1.5%         | 0.5%  | 16.0% | 0.0%  | 95.6%  | 47.7                  | 10.1   | 52.7 |
| Carter's Christian Academy   | 3       | 0.0%  | 98.5%  | 0.7%         | 0.7%  | 0.0%  | 0.0%  | 98.9%  | 47.0                  | 4.6    | 56.5 |
| Carver Academy   | 3       | 0.0%  | 93.6%  | 3.4%         | 0.7%  | 22.7% | 0.0%  | 99.5%  | 72.9                  | 16.6   | 88.8 |
| Cass Street Elementary   | 3       | 0.3%  | 84.8%  | 6.3%         | 3.2%  | 19.3% | 0.6%  | 95.3%  | 53.2                  | 17.0   | 55.6 |
| Catholic East Elementary   | 3       | 0.5%  | 54.5%  | 17.8%        | 20.9% | 1.6%  | 0.5%  | 77.0%  | 83.2                  | 58.4   | 87.9 |
| Central City Cyberschool   | 3       | 0.0%  | 96.9%  | 2.8%         | 0.0%  | 11.3% | 0.0%  | 100.0% | 54.1                  | 27.1   | 47.0 |
| Christ-St Peter Lutheran School                                      | 1       | 8.9%  | 14.5%  | 65.9%        | 8.9%  | 1.4%  | 23.8% | 76.2%  | 76.2                  | 29.5   | 86.9 |
| Christian Faith Academy of Higher Learning                           | 3       | 0.0%  | 95.7%  | 0.0%         | 0.0%  | 0.0%  | 0.0%  | 100.0% | NA                    | NA     | NA   |
| City School  | 3       | 0.0%  | 100.0% | 0.0%         | 0.0%  | 0.0%  | 0.0%  | 99.3%  | 73.1                  | 13.5   | 79.3 |
| Clara Mohammed School  | 3       | 2.0%  | 98.0%  | 0.0%         | 0.0%  | 0.0%  | 2.0%  | 46.7%  | NA                    | NA     | NA   |
| Clarke Street Elementary   | 3       | 0.0%  | 94.0%  | 2.6%         | 0.4%  | 27.9% | 0.0%  | 100.0% | 61.2                  | 9.0    | 69.8 |
| Clemens Elementary   | 3       | 0.0%  | 93.2%  | 3.2%         | 0.3%  | 18.1% | 0.0%  | 100.0% | 64.8                  | 22.2   | 69.8 |
| Clement Avenue Elementary  | 2       | 1.9%  | 8.0%   | 42.0%        | 34.1% | 18.7% | 1.6%  | 74.5%  | 58.3                  | 46.8   | 53.7 |
| Congress Elementary  | 3       | 0.8%  | 94.5%  | 2.1%         | 0.6%  | 19.4% | 0.3%  | 92.5%  | 66.9                  | 22.9   | 71.7 |
| Cooper Elementary  | 1       | 8.4%  | 14.2%  | 38.6%        | 33.0% | 18.7% | 5.6%  | 64.4%  | 76.2                  | 66.7   | 72.7 |
| Craig Montessori School  | 3       | 2.4%  | 85.0%  | 4.1%         | 3.4%  | 15.3% | 0.0%  | 74.5%  | 59.1                  | 18.6   | 59.4 |
| Cristo Rey Jesuit Milwaukee High                                     | 1       | 0.7%  | 6.0%   | 91.8%        | 1.1%  | 0.7%  | 11.0% | 95.7%  | 77.6                  | 45.8   | 72.7 |
| Cross Trainers Academy   | 3       | 0.0%  | 98.6%  | 0.0%         | 1.4%  | 0.8%  | 0.0%  | 98.6%  | 69.2                  | 17.1   | 78.4 |
| Curtin Elementary  | 1       | 9.7%  | 12.7%  | 60.1%        | 11.8% | 18.1% | 11.8% | 89.4%  | 69.1                  | 41.5   | 70.8 |
| Daniels University Preparatory Academy                               | 3       | 0.0%  | 94.9%  | 1.3%         | 0.0%  | 11.5% | 0.0%  | 98.1%  | 50.7                  | 9.1    | 60.3 |
| Darrell Lynn Hines Academy   | 3       | 14.2% | 82.2%  | 1.3%         | 0.0%  | 5.8%  | 0.0%  | 92.4%  | 64.5                  | 26.2   | 69.8 |
| Destiny High   | 1       | 0.0%  | 6.1%   | 93.9%        | 0.0%  | 0.0%  | 0.0%  | 100.0% | 50.4                  | 4.7    | 53.7 |
| Divine Destiny School  | 3       | 0.0%  | 100.0% | 0.0%         | 0.0%  | 0.0%  | 0.0%  | 100.0% | 67.3                  | 5.8    | 65.1 |
| Divine Savior Holy Angels High                                       | 1       | 2.1%  | 27.8%  | 57.7%        | 12.4% | 0.0%  | 0.0%  | 33.0%  | 81.1                  | 83.0   | 68.9 |
| Doerfler Elementary  | 1       | 2.3%  | 8.9%   | 83.7%        | 3.2%  | 24.3% | 39.0% | 98.6%  | 59.8                  | 22.0   | 63.2 |
| Downtown Montessori  | 2       | 2.1%  | 7.2%   | 15.8%        | 68.5% | 4.5%  | 0.0%  | 15.8%  | 87.7                  | 84.1   | 82.2 |
| Dr Howard Fuller Collegiate Academy                                  | 3       | 0.0%  | 98.7%  | 0.6%         | 0.3%  | 16.0% | 0.0%  | 77.9%  | 57.0                  | 10.7   | 55.6 |
| Early View Academy of Excellence                                     | 3       | 0.9%  | 96.1%  | 1.3%         | 0.0%  | 0.0%  | 0.4%  | 94.4%  | 47.4                  | 8.6    | 48.9 |
| Eastbrook Academy  | 2       | 2.6%  | 66.1%  | 8.0%         | 12.8% | 0.4%  | 0.0%  | 10.6%  | 75.5                  | 67.2   | 81.2 |
| Eighty-First Street Elementary                                       | 3       | 5.3%  | 71.0%  | 7.9%         | 6.6%  | 28.7% | 0.7%  | 79.9%  | NA                    | NA     | NA   |
| Elm Creative Arts Elementary   | 3       | 0.0%  | 87.7%  | 5.1%         | 0.8%  | 17.0% | 0.0%  | 98.8%  | 33.2                  | 10.5   | 26.1 |
| Emerson Elementary   | 3       | 8.3%  | 83.9%  | 2.8%         | 0.9%  | 25.3% | 1.4%  | 94.0%  | 52.4                  | 19.3   | 50.8 |

Table 7: Milwaukee Schools with Clusters (*continued*)

| School  | Cluster | Asian | Black  | Hisp/<br>Lat | White | SwD   | LEP   | ECD    | Overall Ach.<br>Score | Growth |      |
|---|---------|-------|--------|--------------|-------|-------|-------|--------|-----------------------|--------|------|
| Engleburg Elementary                          | 3       | 4.6%  | 83.4%  | 4.6%         | 3.3%  | 26.2% | 0.0%  | 93.0%  | 70.1                  | 25.8   | 77.3 |
| Escuela Verde                                 | 1       | 0.0%  | 7.6%   | 80.7%        | 9.2%  | 21.0% | 25.2% | 92.4%  | 56.4                  | 11.8   | 57.5 |
| Fairview Elementary                           | 1       | 3.8%  | 10.1%  | 39.3%        | 40.4% | 24.4% | 4.3%  | 64.5%  | 80.0                  | 48.3   | 85.9 |
| Fernwood Montessori                           | 2       | 1.0%  | 3.8%   | 21.6%        | 66.1% | 8.9%  | 0.4%  | 23.1%  | 76.4                  | 64.3   | 84.1 |
| Fifty-Third Street<br>Elementary              | 3       | 0.3%  | 89.9%  | 3.1%         | 2.0%  | 21.8% | 0.0%  | 95.3%  | 62.3                  | 15.0   | 71.7 |
| Forest Home<br>Elementary                     | 1       | 0.5%  | 15.1%  | 77.1%        | 4.7%  | 31.9% | 37.3% | 95.3%  | 60.4                  | 29.8   | 61.3 |
| Franklin Elementary                           | 3       | 0.3%  | 94.8%  | 1.4%         | 0.3%  | 28.1% | 0.0%  | 98.4%  | 62.7                  | 13.9   | 74.6 |
| Fratney Elementary                            | 1       | 0.2%  | 21.0%  | 66.3%        | 9.3%  | 12.0% | 30.1% | 86.1%  | 51.4                  | 31.2   | 45.1 |
| Gaenslen Elementary                           | 3       | 0.6%  | 81.3%  | 8.2%         | 5.4%  | 44.1% | 0.4%  | 96.3%  | 58.8                  | 11.3   | 61.3 |
| Garden Homes<br>Lutheran School               | 3       | 0.0%  | 91.7%  | 3.6%         | 1.6%  | 0.4%  | 0.0%  | 84.2%  | 74.3                  | 49.7   | 72.7 |
| Garland Elementary                            | 1       | 20.7% | 11.7%  | 23.2%        | 41.8% | 16.0% | 32.4% | 90.5%  | NA                    | NA     | NA   |
| Golda Meir School                             | 3       | 5.4%  | 59.8%  | 13.4%        | 16.7% | 9.1%  | 1.1%  | 63.8%  | 74.3                  | 63.2   | 70.8 |
| Goodrich Elementary                           | 3       | 14.6% | 68.4%  | 5.6%         | 4.0%  | 22.9% | 0.0%  | 87.6%  | 59.5                  | 24.0   | 60.3 |
| Grandview High                                | 1       | 1.5%  | 12.5%  | 73.0%        | 7.0%  | 14.5% | 19.5% | 97.0%  | 12.8                  | 7.0    | NA   |
| Grant Elementary                              | 1       | 18.7% | 11.4%  | 59.9%        | 6.9%  | 16.8% | 27.4% | 94.8%  | 57.3                  | 33.6   | 55.6 |
| Grantosa Drive<br>Elementary                  | 3       | 2.0%  | 91.2%  | 1.6%         | 1.5%  | 28.2% | 0.2%  | 92.5%  | 62.4                  | 13.1   | 69.8 |
| Granville Lutheran<br>School                  | 3       | 0.0%  | 93.8%  | 3.5%         | 0.4%  | 0.4%  | 0.0%  | 98.0%  | 71.3                  | 32.1   | 75.5 |
| Greater Holy Temple<br>Christian Academy      | 3       | 0.0%  | 96.1%  | 1.1%         | 0.4%  | 0.6%  | 0.0%  | 94.8%  | 75.2                  | 10.6   | 78.4 |
| Green Tree<br>Preparatory Academy             | 3       | 2.0%  | 86.9%  | 3.6%         | 2.8%  | 17.5% | 1.6%  | 97.2%  | NA                    | NA     | NA   |
| Greenfield Bilingual                          | 1       | 1.2%  | 5.3%   | 91.7%        | 1.5%  | 17.0% | 48.4% | 99.0%  | 62.9                  | 39.5   | 65.1 |
| Groppi High                                   | 3       | 0.0%  | 85.7%  | 10.5%        | 1.9%  | 16.2% | 4.8%  | 95.2%  | NA                    | NA     | NA   |
| Hamilton High                                 | 1       | 8.9%  | 35.7%  | 38.6%        | 12.4% | 26.1% | 17.7% | 87.2%  | 52.9                  | 14.7   | 54.6 |
| Hampton Elementary                            | 3       | 6.3%  | 79.9%  | 3.7%         | 1.6%  | 27.0% | 0.5%  | 97.4%  | 79.2                  | 31.7   | 89.8 |
| HAPA-Hmong<br>American Peace<br>Academy K3-12 | 2       | 97.7% | 0.4%   | 1.0%         | 0.3%  | 4.5%  | 13.9% | 87.5%  | 71.2                  | 55.7   | 67.9 |
| Hartford Avenue<br>Elementary                 | 3       | 0.5%  | 88.9%  | 3.4%         | 2.0%  | 14.9% | 0.0%  | 96.6%  | 58.5                  | 23.0   | 65.1 |
| Hawley Environmental<br>School                | 3       | 7.6%  | 63.2%  | 13.8%        | 4.3%  | 22.7% | 0.7%  | 88.8%  | 53.3                  | 30.8   | 50.8 |
| Hawthorne<br>Elementary                       | 3       | 0.0%  | 88.4%  | 6.4%         | 0.4%  | 21.3% | 0.4%  | 97.8%  | 54.0                  | 17.2   | 54.6 |
| Hayes Bilingual School                        | 1       | 0.2%  | 0.8%   | 97.4%        | 1.4%  | 22.6% | 71.3% | 96.2%  | 77.4                  | 32.1   | 85.9 |
| Hi-Mount Elementary                           | 3       | 0.6%  | 85.4%  | 7.6%         | 0.0%  | 14.6% | 0.6%  | 100.0% | 56.9                  | 14.1   | 62.2 |
| Highland Community<br>School                  | 2       | 1.4%  | 36.6%  | 11.5%        | 39.2% | 13.1% | 0.2%  | 50.0%  | 70.4                  | 50.5   | 72.7 |
| Holmes Elementary                             | 3       | 0.3%  | 86.9%  | 8.0%         | 1.7%  | 34.3% | 0.7%  | 99.0%  | 60.7                  | 14.5   | 69.8 |
| Holy Redeemer<br>Christian Academy            | 2       | 0.0%  | 100.0% | 0.0%         | 0.0%  | NA    | NA    | NA     | NA                    | NA     | NA   |
| Honey Creek<br>Elementary                     | 1       | 4.0%  | 14.5%  | 41.3%        | 29.0% | 21.2% | 3.2%  | 85.3%  | 55.4                  | 59.0   | 44.2 |
| Hope Christian High                           | 3       | 0.0%  | 98.4%  | 1.2%         | 0.0%  | 0.0%  | 0.0%  | 95.1%  | 58.4                  | 15.4   | 58.4 |
| Hope Christian<br>School: Caritas             | 3       | 0.0%  | 97.6%  | 1.8%         | 0.2%  | 0.2%  | 0.0%  | 97.6%  | 81.7                  | 24.4   | 98.2 |
| Hope Christian<br>School: Fidelis             | 3       | 0.0%  | 96.2%  | 1.1%         | 0.0%  | 1.1%  | 0.0%  | 98.3%  | 73.5                  | 26.6   | 81.2 |
| Hope Christian<br>School: Fortis              | 3       | 0.0%  | 97.6%  | 0.8%         | 0.6%  | 0.4%  | 0.0%  | 98.4%  | 69.0                  | 20.1   | 76.5 |
| Hope Christian<br>School: Prima               | 3       | 1.3%  | 96.9%  | 0.5%         | 0.0%  | 1.3%  | 0.4%  | 98.4%  | 76.5                  | 23.2   | 87.9 |
| Hope Christian<br>School: Semper              | 3       | 0.0%  | 94.5%  | 3.2%         | 0.0%  | 0.0%  | 0.0%  | 99.5%  | 76.9                  | 21.2   | 91.6 |

Table 7: Milwaukee Schools with Clusters (*continued*)

| School  | Cluster | Asian | Black  | Hisp/<br>Lat | White | SwD   | LEP   | ECD    | Overall Ach.<br>Score | Growth |      |
|---|---------|-------|--------|--------------|-------|-------|-------|--------|-----------------------|--------|------|
| Hopkins Lloyd<br>Community School   | 3       | 0.0%  | 91.7%  | 3.0%         | 0.0%  | 17.4% | 0.0%  | 97.0%  | 21.2                  | 11.9   | NA   |
| Humboldt Park<br>Elementary   | 2       | 43.2% | 8.5%   | 20.0%        | 26.6% | 14.1% | 37.5% | 82.8%  | 67.9                  | 52.6   | 70.8 |
| IDEAL Individualized<br>Developmental<br>Educational<br>Approaches to<br>Learning | 1       | 3.7%  | 18.7%  | 48.3%        | 22.8% | 19.1% | 10.9% | 91.8%  | 76.1                  | 44.6   | 83.1 |
| Inst of Technology &<br>Academics   | 3       | 0.0%  | 100.0% | 0.0%         | 0.0%  | 0.0%  | 0.0%  | 100.0% | NA                    | NA     | NA   |
| Jackson Elementary  | 3       | 2.0%  | 94.3%  | 2.4%         | 0.4%  | 26.3% | 0.0%  | 98.4%  | 26.0                  | 15.4   | NA   |
| James Madison<br>Academic Campus  | 3       | 3.0%  | 89.4%  | 4.1%         | 1.4%  | 25.6% | 1.6%  | 97.7%  | 31.3                  | 4.6    | 25.2 |
| Jo's Learning<br>Academy  | 3       | 0.0%  | 100.0% | 0.0%         | 0.0%  | 2.4%  | 0.0%  | 73.8%  | NA                    | NA     | NA   |
| Kagel Elementary  | 1       | 0.9%  | 14.2%  | 80.2%        | 3.3%  | 24.1% | 48.6% | 99.5%  | 78.8                  | 23.9   | 88.8 |
| Keefe Avenue<br>Elementary  | 3       | 0.0%  | 95.7%  | 2.7%         | 0.0%  | 13.0% | 0.0%  | 100.0% | 52.3                  | 8.0    | 56.5 |
| Kilbourn Elementary   | 3       | 3.9%  | 89.4%  | 3.5%         | 0.8%  | 21.6% | 0.0%  | 92.2%  | 71.0                  | 27.5   | 76.5 |
| King's Academy<br>Christian Sch   | 3       | 0.0%  | 94.7%  | 2.6%         | 0.0%  | 1.1%  | 0.5%  | 100.0% | 77.2                  | 26.8   | 86.0 |
| King International  | 3       | 11.2% | 55.2%  | 14.8%        | 15.0% | 13.3% | 3.3%  | 75.1%  | 67.5                  | 56.0   | 60.3 |
| King International<br>Baccalaureate Middle  | 3       | 0.7%  | 91.8%  | 2.2%         | 0.7%  | 15.0% | 0.2%  | 95.7%  | 49.4                  | 17.6   | 50.8 |
| King Jr Elementary  | 3       | 0.0%  | 94.4%  | 3.3%         | 0.7%  | 18.9% | 0.0%  | 100.0% | 76.9                  | 12.4   | 91.7 |
| Kingdom Prep<br>Lutheran High School  | 3       | 0.6%  | 90.9%  | 5.5%         | 1.8%  | 0.0%  | 0.0%  | 100.0% | 69.5                  | 13.0   | 67.9 |
| Kluge Elementary  | 3       | 9.1%  | 79.5%  | 4.7%         | 2.1%  | 32.6% | 7.3%  | 95.3%  | 64.3                  | 17.8   | 70.8 |
| La Causa Charter<br>School  | 1       | 0.1%  | 1.3%   | 98.3%        | 0.1%  | 14.0% | 58.2% | 88.6%  | 62.9                  | 32.7   | 64.1 |
| Lad Lake Synergy<br>School  | 3       | 2.2%  | 57.8%  | 33.3%        | 6.7%  | 26.7% | 8.9%  | 100.0% | NA                    | NA     | NA   |
| LaFollette Elementary   | 3       | 0.0%  | 96.9%  | 1.0%         | 0.0%  | 27.7% | 0.5%  | 99.0%  | 63.3                  | 10.0   | 71.7 |
| Lancaster Elementary  | 3       | 4.0%  | 89.8%  | 3.1%         | 0.6%  | 18.3% | 0.3%  | 100.0% | 34.1                  | 8.0    | 30.9 |
| Lincoln Avenue<br>Elementary  | 1       | 0.9%  | 15.6%  | 77.2%        | 1.8%  | 24.6% | 36.8% | 98.2%  | 68.3                  | 27.6   | 71.7 |
| Lincoln Middle  | 3       | 1.5%  | 68.7%  | 23.8%        | 2.1%  | 23.8% | 9.3%  | 98.8%  | 56.8                  | 14.7   | 59.4 |
| Longfellow Elementary   | 1       | 0.8%  | 14.5%  | 78.8%        | 4.1%  | 24.3% | 33.3% | 93.3%  | 66.6                  | 31.0   | 70.8 |
| Lowell International<br>Elementary  | 3       | 6.3%  | 23.3%  | 48.5%        | 16.5% | 18.0% | 1.9%  | 84.0%  | 47.7                  | 37.6   | 37.5 |
| MacDowell Montessori<br>School K3-12  | 3       | 2.4%  | 54.4%  | 9.5%         | 26.1% | 19.0% | 0.9%  | 66.0%  | 61.8                  | 24.6   | 63.2 |
| Malaika Early<br>Learning Center  | 3       | 0.0%  | 100.0% | 0.0%         | 0.0%  | 3.2%  | 0.0%  | 100.0% | NA                    | NA     | NA   |
| Manitoba Elementary   | 1       | 13.5% | 16.0%  | 50.5%        | 10.7% | 25.6% | 14.7% | 85.1%  | 53.6                  | 24.4   | 52.7 |
| Maple Tree<br>Elementary  | 3       | 5.9%  | 82.2%  | 5.5%         | 1.7%  | 14.8% | 0.4%  | 93.6%  | 26.1                  | 14.0   | NA   |
| Marquette University<br>High  | 1       | 4.2%  | 16.8%  | 57.9%        | 20.0% | 0.0%  | 0.0%  | 54.7%  | 84.0                  | 88.7   | 76.5 |
| Marshall High   | 3       | 2.4%  | 90.2%  | 4.0%         | 0.9%  | 30.1% | 1.2%  | 90.7%  | 36.5                  | 10.2   | 33.7 |
| Maryland Montessori   | 2       | 7.3%  | 15.2%  | 8.7%         | 59.6% | 11.9% | 0.2%  | 27.5%  | 83.8                  | 69.6   | 98.2 |
| Messmer Catholic<br>Schools   | 3       | 5.6%  | 84.5%  | 7.3%         | 0.2%  | 1.3%  | 3.4%  | 84.9%  | 67.0                  | 26.4   | 69.8 |
| Metcalfe Elementary   | 3       | 0.0%  | 90.5%  | 3.4%         | 2.4%  | 21.4% | 0.0%  | 98.0%  | 61.2                  | 12.0   | 70.8 |
| Milwaukee Academy<br>of Chinese Language  | 1       | 24.1% | 66.4%  | 3.5%         | 0.7%  | 11.6% | 30.9% | 98.2%  | 70.8                  | 19.8   | 82.2 |
| Milwaukee Academy<br>of Science   | 3       | 0.0%  | 97.7%  | 1.8%         | 0.2%  | 7.8%  | 0.2%  | 97.4%  | 54.1                  | 23.9   | 52.7 |

Table 7: Milwaukee Schools with Clusters (*continued*)

| School   | Cluster | Asian | Black | Hisp/<br>Lat | White | SwD   | LEP   | ECD   | Overall Ach.<br>Score | Growth |      |
|--|---------|-------|-------|--------------|-------|-------|-------|-------|-----------------------|--------|------|
| Milwaukee College Preparatory School – 36th Street Campus    | 3       | 0.0%  | 93.2% | 1.6%         | 0.0%  | 11.0% | 0.0%  | 81.6% | 63.9                  | 56.2   | 55.6 |
| Milwaukee College Preparatory School – 38th Street           | 3       | 0.0%  | 89.2% | 4.1%         | 1.6%  | 15.7% | 0.0%  | 84.3% | 61.7                  | 50.1   | 54.6 |
| Milwaukee College Preparatory School – Lloyd Street          | 3       | 0.0%  | 92.7% | 5.0%         | 0.2%  | 13.7% | 0.0%  | 91.5% | 61.6                  | 52.0   | 51.8 |
| Milwaukee College Preparatory School: Lola Rowe North Campus | 3       | 0.0%  | 96.0% | 1.6%         | 0.0%  | 11.8% | 0.0%  | 87.8% | 76.3                  | 46.3   | 77.4 |
| Milwaukee County Youth Education Center                      | 2       | 0.0%  | 80.0% | 20.0%        | 0.0%  | NA    | NA    | NA    | NA                    | NA     | NA   |
| Milwaukee Environmental Science Academy                      | 3       | 1.7%  | 86.6% | 8.5%         | 1.2%  | 9.9%  | 0.3%  | 94.5% | 69.7                  | 21.6   | 78.4 |
| Milwaukee Excellence Charter School                          | 3       | 0.8%  | 95.5% | 0.8%         | 0.8%  | 13.6% | 0.0%  | 92.1% | 84.0                  | 38.3   | 89.7 |
| Milwaukee French Immersion                                   | 3       | 2.5%  | 61.1% | 7.1%         | 18.7% | 6.2%  | 2.9%  | 66.7% | 65.9                  | 48.6   | 61.3 |
| Milwaukee German Immersion                                   | 2       | 2.2%  | 27.0% | 4.7%         | 55.4% | 6.9%  | 0.2%  | 32.6% | 77.0                  | 71.8   | 71.7 |
| Milwaukee High School of the Arts                            | 3       | 10.8% | 55.1% | 20.6%        | 10.5% | 20.0% | 13.3% | 87.8% | 57.5                  | 21.4   | 45.1 |
| Milwaukee Lutheran High                                      | 3       | 2.4%  | 86.3% | 3.2%         | 3.7%  | 0.5%  | 0.0%  | 81.5% | 51.0                  | 24.7   | 34.7 |
| Milwaukee Math and Science Academy                           | 3       | 0.0%  | 98.5% | 1.0%         | 0.0%  | 10.8% | 14.3% | 95.1% | 79.9                  | 28.7   | 91.7 |
| Milwaukee Parkside School                                    | 1       | 10.0% | 16.9% | 44.7%        | 21.6% | 25.1% | 12.7% | 79.5% | 81.6                  | 39.8   | 90.6 |
| Milwaukee Scholars Charter School                            | 3       | 1.1%  | 87.6% | 4.4%         | 0.5%  | 9.0%  | 1.4%  | 89.9% | 66.0                  | 28.4   | 69.8 |
| Milwaukee School of Languages                                | 3       | 4.6%  | 49.4% | 18.7%        | 23.3% | 15.3% | 6.0%  | 62.4% | 62.7                  | 40.5   | 61.3 |
| Milwaukee Seventh Day Adventist School                       | 2       | 7.8%  | 21.2% | 69.3%        | 1.1%  | 0.0%  | 0.6%  | 3.4%  | 52.4                  | 31.2   | 67.0 |
| Milwaukee Sign Language Elementary                           | 3       | 4.3%  | 80.0% | 8.7%         | 2.6%  | 21.7% | 0.4%  | 96.8% | 70.2                  | 16.5   | 80.3 |
| Milwaukee Spanish Immersion                                  | 1       | 0.1%  | 24.1% | 61.3%        | 9.7%  | 12.4% | 1.0%  | 72.5% | 55.3                  | 53.2   | 46.1 |
| Mitchell Elementary  | 1       | 1.8%  | 13.4% | 78.5%        | 2.9%  | 24.8% | 45.2% | 96.7% | 59.6                  | 22.0   | 60.3 |
| Morgandale Elementary  | 1       | 8.0%  | 10.1% | 72.2%        | 7.8%  | 21.6% | 15.5% | 90.7% | 65.3                  | 34.7   | 67.9 |
| Morse Mid  | 3       | 7.7%  | 80.3% | 4.5%         | 4.1%  | 24.5% | 1.8%  | 95.3% | 48.2                  | 22.8   | 48.0 |
| Mother of Good Counsel Grade School                          | 2       | 2.1%  | 70.1% | 9.6%         | 3.7%  | 0.0%  | 0.0%  | 83.4% | 81.6                  | 45.0   | 87.8 |
| Mount Lebanon Lutheran School                                | 3       | 0.4%  | 86.3% | 4.8%         | 4.8%  | 0.0%  | 0.0%  | 97.4% | 87.9                  | 48.1   | 95.4 |
| Mount Olive Lutheran Grade School                            | 2       | 2.0%  | 55.6% | 9.3%         | 21.2% | 0.0%  | 0.0%  | 67.5% | 71.4                  | 49.9   | 68.9 |
| Nativity Jesuit Academy                                      | 1       | 0.0%  | 0.0%  | 100.0%       | 0.0%  | 2.0%  | 9.3%  | 93.1% | 92.6                  | 67.9   | 96.3 |
| Neeskara Elementary  | 3       | 3.8%  | 79.8% | 8.2%         | 2.9%  | 27.6% | 0.6%  | 94.1% | 62.8                  | 22.7   | 66.0 |
| New Testament Christian Academy                              | 3       | 0.0%  | 97.9% | 0.7%         | 1.4%  | 0.7%  | 0.0%  | 54.2% | 78.6                  | 47.1   | 75.5 |
| Ninety-Fifth Street Elementary                               | 3       | 7.2%  | 58.5% | 11.8%        | 11.3% | 16.1% | 0.5%  | 74.1% | 46.3                  | 43.8   | 34.7 |



Table 7: Milwaukee Schools with Clusters (*continued*)

| School  | Cluster | Asian | Black | Hisp/<br>Lat | White | SwD   | LEP   | ECD    | Overall Ach.<br>Score | Growth |       |
|---|---------|-------|-------|--------------|-------|-------|-------|--------|-----------------------|--------|-------|
| North Division High                                   | 3       | 0.8%  | 91.5% | 6.2%         | 0.0%  | 35.0% | 0.5%  | 96.4%  | 12.6                  | 7.3    | NA    |
| Northwest Catholic                                    | 3       | 1.8%  | 76.6% | 10.2%        | 2.4%  | 2.4%  | 0.6%  | 97.6%  | 70.4                  | 33.6   | 79.3  |
| Northwest Lutheran<br>Grade School                    | 3       | 0.4%  | 91.6% | 1.3%         | 0.4%  | 1.8%  | 0.0%  | 93.0%  | 63.4                  | 30.9   | 66.0  |
| Notre Dame School of<br>Milwaukee                     | 1       | 0.0%  | 0.6%  | 98.3%        | 1.1%  | 0.9%  | 35.1% | 97.6%  | 82.3                  | 56.3   | 80.3  |
| NOVA-Northwest<br>Opportunities<br>Vocational Academy | 3       | 1.1%  | 84.2% | 5.3%         | 2.1%  | 23.2% | 0.0%  | 97.9%  | NA                    | NA     | NA    |
| Obama School of<br>Career and Technical<br>Education  | 3       | 0.0%  | 94.5% | 2.5%         | 0.9%  | 28.3% | 0.6%  | 94.7%  | 36.5                  | 9.3    | 45.1  |
| Our Lady Queen of<br>Peace Grade School               | 1       | 4.7%  | 3.0%  | 89.9%        | 2.4%  | 1.8%  | 36.1% | 97.0%  | 73.3                  | 37.0   | 79.3  |
| Parkview Elementary                                   | 2       | 41.5% | 48.6% | 4.2%         | 2.4%  | 15.2% | 26.0% | 85.6%  | 75.9                  | 30.5   | 82.2  |
| Pathways High   | 3       | 0.7%  | 55.6% | 5.2%         | 28.1% | 14.8% | 0.7%  | 65.9%  | 61.6                  | 34.5   | 63.2  |
| Penfield Montessori<br>Academy                        | 3       | 6.2%  | 60.8% | 7.7%         | 20.0% | 22.3% | 0.0%  | 80.8%  | NA                    | NA     | NA    |
| Pilgrim Lutheran<br>School                            | 3       | 0.8%  | 90.5% | 1.7%         | 0.0%  | 0.8%  | 0.0%  | 100.0% | 71.7                  | 35.5   | 75.5  |
| Pius XI Catholic High                                 | 1       | 0.6%  | 29.4% | 44.4%        | 17.5% | 0.0%  | 0.0%  | 60.0%  | 62.4                  | 48.7   | 51.8  |
| Pratt Elementary                                      | 3       | 0.4%  | 91.1% | 3.9%         | 0.0%  | 13.6% | 0.0%  | 93.2%  | 89.3                  | 42.0   | 100.0 |
| Prince of Peace School<br>Escuela Principe de<br>Paz  | 1       | 0.0%  | 1.1%  | 97.9%        | 0.3%  | 2.4%  | 62.5% | 100.0% | 79.7                  | 37.6   | 85.0  |
| Project<br>STAY-Supporting<br>Teachers and Youth      | 3       | 1.5%  | 81.8% | 8.8%         | 2.9%  | 21.9% | 0.7%  | 88.3%  | NA                    | NA     | NA    |
| Pulaski High  | 1       | 8.9%  | 32.7% | 51.2%        | 5.2%  | 26.9% | 36.7% | 88.4%  | 40.7                  | 6.6    | 42.3  |
| Reagan College<br>Preparatory High                    | 1       | 6.8%  | 7.9%  | 51.8%        | 30.9% | 11.5% | 4.7%  | 56.2%  | 81.4                  | 74.0   | 78.4  |
| Riley Elementary                                      | 1       | 0.0%  | 9.7%  | 78.9%        | 8.3%  | 18.1% | 30.3% | 75.3%  | 60.9                  | 21.5   | 62.2  |
| Risen Savior<br>Evangelical Lutheran<br>School        | 3       | 1.5%  | 46.8% | 45.3%        | 2.6%  | 7.2%  | 6.0%  | 86.4%  | 84.7                  | 39.9   | 92.6  |
| River Trail<br>Elementary                             | 3       | 8.5%  | 78.3% | 6.3%         | 1.7%  | 17.1% | 2.8%  | 99.1%  | 61.0                  | 18.5   | 65.1  |
| Riverside High  | 3       | 10.4% | 61.2% | 23.5%        | 2.9%  | 21.6% | 13.3% | 87.9%  | 49.0                  | 20.2   | 34.7  |
| Riverwest Elementary                                  | 3       | 0.0%  | 76.6% | 12.8%        | 2.8%  | 17.4% | 0.3%  | 97.5%  | 51.1                  | 16.3   | 50.8  |
| Rocketship Southside<br>Community Prep                | 1       | 0.2%  | 3.0%  | 92.0%        | 3.2%  | 12.1% | 53.3% | 83.9%  | 70.1                  | 41.4   | 71.7  |
| Rocketship<br>Transformation Prep                     | 3       | 1.0%  | 82.7% | 12.0%        | 1.0%  | 9.1%  | 1.4%  | 92.8%  | NA                    | NA     | NA    |
| Rogers Street<br>Academy                              | 1       | 0.2%  | 7.3%  | 86.3%        | 3.4%  | 18.1% | 38.8% | 96.9%  | 60.8                  | 26.9   | 64.1  |
| Roosevelt Middle                                      | 3       | 0.9%  | 91.6% | 3.5%         | 1.7%  | 23.8% | 0.3%  | 95.9%  | 62.3                  | 10.7   | 71.7  |
| Saint Adalbert<br>Catholic School                     | 1       | 0.0%  | 0.2%  | 99.8%        | 0.0%  | 2.7%  | 54.9% | 100.0% | 84.6                  | 37.4   | 92.6  |
| Saint Anthony School                                  | 1       | 0.1%  | 1.0%  | 98.5%        | 0.5%  | 1.5%  | 37.0% | 88.5%  | 59.0                  | 32.6   | 55.6  |
| Saint Catherine School                                | 3       | 0.0%  | 96.1% | 0.8%         | 1.6%  | 0.0%  | 0.0%  | 99.2%  | 57.5                  | 11.7   | 67.0  |
| Saint Charles<br>Borromeo Catholic<br>School          | 2       | 26.9% | 0.8%  | 30.3%        | 40.3% | 3.4%  | 9.2%  | 60.5%  | 86.8                  | 69.6   | 91.7  |
| Saint Gregory the<br>Great Parish School              | 1       | 1.7%  | 2.8%  | 71.3%        | 18.0% | 1.7%  | 16.9% | 71.3%  | 79.0                  | 57.4   | 82.2  |
| Saint Joan Antida<br>High                             | 1       | 1.9%  | 34.4% | 60.4%        | 1.9%  | 0.0%  | 7.1%  | 98.7%  | 62.3                  | 28.4   | 64.1  |
| Saint John Paul II<br>School                          | 1       | 0.0%  | 0.4%  | 97.0%        | 2.5%  | 2.1%  | 37.6% | 77.2%  | 77.5                  | 37.5   | 79.3  |

Table 7: Milwaukee Schools with Clusters (*continued*)

| School  | Cluster | Asian | Black | Hisp/<br>Lat | White | SwD   | LEP   | ECD    | Overall Ach.<br>Score | Growth |       |
|---|---------|-------|-------|--------------|-------|-------|-------|--------|-----------------------|--------|-------|
| Saint Johns Evangelical Lutheran School                   | 2       | 44.5% | 2.5%  | 15.5%        | 32.9% | 0.4%  | 17.0% | 64.3%  | 96.1                  | 72.2   | 100.0 |
| Saint Josaphat Parish School                              | 1       | 0.0%  | 0.6%  | 95.8%        | 1.2%  | 2.4%  | 0.6%  | 93.9%  | 83.3                  | 48.1   | 92.5  |
| Saint Joseph Academy                                      | 1       | 0.9%  | 1.6%  | 85.3%        | 7.4%  | 2.2%  | 16.5% | 71.7%  | 66.0                  | 35.7   | 66.0  |
| Saint Lucas Lutheran School                               | 2       | 5.2%  | 4.5%  | 24.6%        | 58.2% | 4.5%  | 1.5%  | 59.0%  | 71.7                  | 61.9   | 66.0  |
| Saint Marcus Lutheran School                              | 3       | 0.2%  | 88.7% | 3.6%         | 0.6%  | 1.3%  | 0.0%  | 79.8%  | 91.6                  | 48.4   | 100.0 |
| Saint Margaret Mary Grade School                          | 3       | 3.4%  | 78.4% | 5.7%         | 2.3%  | 0.0%  | 0.0%  | 100.0% | 61.8                  | 27.9   | 60.3  |
| Saint Martini Lutheran Grade School                       | 1       | 1.9%  | 8.7%  | 87.6%        | 1.2%  | 3.7%  | 21.1% | 100.0% | 76.3                  | 42.3   | 80.3  |
| Saint Matthias School                                     | 1       | 0.8%  | 4.1%  | 46.3%        | 44.6% | 0.8%  | 5.0%  | 72.7%  | 68.4                  | 61.3   | 64.1  |
| Saint Peter Immanuel Lutheran School                      | 3       | 6.9%  | 77.0% | 8.0%         | 2.3%  | 0.0%  | 5.7%  | 97.7%  | 69.4                  | 21.0   | 81.1  |
| Saint Philips Lutheran School                             | 3       | 0.8%  | 66.1% | 18.5%        | 8.1%  | 0.8%  | 0.0%  | 84.7%  | 79.2                  | 39.6   | 86.9  |
| Saint Rafael the Archangel North & South Campus           | 1       | 0.9%  | 0.0%  | 98.3%        | 0.6%  | 1.4%  | 53.9% | 97.7%  | 78.5                  | 46.9   | 85.0  |
| Saint Roman Grade School                                  | 1       | 23.4% | 1.3%  | 65.7%        | 6.6%  | 4.3%  | 38.3% | 76.2%  | 78.8                  | 49.2   | 85.0  |
| Saint Sebastian Grade School                              | 2       | 2.2%  | 30.8% | 11.5%        | 30.2% | 1.1%  | 0.0%  | 59.9%  | 77.5                  | 70.1   | 75.5  |
| Saint Thomas Aquinas Academy                              | 2       | 0.0%  | 2.0%  | 45.0%        | 47.7% | 1.3%  | 0.7%  | 38.3%  | 83.6                  | 71.9   | 88.7  |
| Saint Vincent Pallotti School                             | 2       | 0.0%  | 6.3%  | 93.8%        | 0.0%  | NA    | NA    | NA     | NA                    | NA     | NA    |
| Salam School  | 2       | 46.7% | 18.1% | 0.2%         | 33.9% | 0.0%  | 7.4%  | 89.3%  | 84.4                  | 50.0   | 88.7  |
| Salem Lutheran School                                     | 3       | 2.4%  | 61.4% | 7.8%         | 19.9% | 7.2%  | 0.0%  | 83.1%  | 84.9                  | 41.7   | 96.3  |
| Seeds of Health Elementary Program                        | 1       | 0.5%  | 6.1%  | 86.6%        | 5.9%  | 13.9% | 28.7% | 99.3%  | 47.7                  | 39.5   | 38.5  |
| Shalom High   | 3       | 0.0%  | 94.1% | 2.0%         | 2.9%  | 24.5% | 0.0%  | 94.1%  | NA                    | NA     | NA    |
| Sherman Elementary  | 3       | 0.0%  | 93.6% | 2.0%         | 2.8%  | 19.9% | 0.0%  | 98.0%  | 47.1                  | 11.3   | 50.8  |
| Shining Star Christian Schools                            | 3       | 0.2%  | 89.6% | 6.8%         | 0.7%  | 1.7%  | 0.2%  | 85.5%  | 63.5                  | 20.8   | 69.8  |
| Siefert Elementary  | 3       | 0.0%  | 92.6% | 3.2%         | 0.4%  | 19.1% | 1.1%  | 98.9%  | 62.4                  | 15.9   | 66.9  |
| Siloah Lutheran School                                    | 2       | 0.0%  | 91.3% | 4.3%         | 0.0%  | 1.4%  | 0.0%  | 14.5%  | 41.1                  | 22.7   | 55.6  |
| South Accelerated Academy                                 | 2       | 0.0%  | 50.0% | 50.0%        | 0.0%  | NA    | NA    | NA     | NA                    | NA     | NA    |
| South Division High                                       | 1       | 16.5% | 23.7% | 54.8%        | 2.7%  | 27.9% | 48.8% | 97.4%  | 16.7                  | 8.3    | NA    |
| Southeastern  | 2       | 0.0%  | 93.8% | 0.0%         | 6.3%  | NA    | NA    | NA     | NA                    | NA     | NA    |
| Starms Discovery  | 3       | 0.7%  | 92.0% | 3.5%         | 0.7%  | 28.2% | 0.0%  | 99.0%  | 66.6                  | 12.0   | 77.4  |
| Stellar Collegiate Charter School                         | 1       | 0.0%  | 16.3% | 74.5%        | 5.4%  | 17.2% | 30.1% | 97.5%  | 41.2                  | 30.1   | 27.1  |
| Story Elementary  | 3       | 20.5% | 69.5% | 4.6%         | 2.3%  | 12.6% | 26.4% | 95.9%  | 58.4                  | 14.2   | 61.3  |
| Stuart Elementary   | 3       | 21.9% | 64.5% | 2.9%         | 1.8%  | 21.1% | 11.1% | 91.0%  | 58.0                  | 26.6   | 55.6  |
| Tamarack Waldorf School Community School of Milwaukee Inc | 2       | 0.0%  | 10.2% | 23.7%        | 54.8% | 0.0%  | 0.0%  | 72.3%  | NA                    | NA     | NA    |
| Tenor High  | 1       | 0.8%  | 30.4% | 57.5%        | 9.6%  | 10.2% | 11.0% | 95.1%  | 74.1                  | 36.0   | 72.7  |
| Thoreau Elementary  | 3       | 2.2%  | 85.1% | 7.5%         | 1.0%  | 17.3% | 1.2%  | 94.9%  | 56.6                  | 17.3   | 65.1  |
| Thurston Woods Elementary                                 | 3       | 0.3%  | 91.6% | 5.1%         | 1.0%  | 20.8% | 0.0%  | 94.9%  | 62.7                  | 15.3   | 72.7  |

Table 7: Milwaukee Schools with Clusters (*continued*)

| School  | Cluster | Asian | Black | Hisp/<br>Lat | White  | SwD   | LEP   | ECD   | Overall Ach.<br>Score | Growth |
|---|---------|-------|-------|--------------|--------|-------|-------|-------|-----------------------|--------|
| Torah Academy of Milwaukee                      | 2       | 0.0%  | 0.0%  | 0.0%         | 100.0% | NA    | NA    | NA    | NA                    | NA     |
| Townsend Street Elementary                      | 3       | 0.0%  | 92.5% | 3.4%         | 0.0%   | 23.9% | 0.3%  | 96.0% | 54.1                  | 9.3    |
| TransCenter for Youth/El Puente High            | 1       | 0.0%  | 9.8%  | 82.6%        | 6.5%   | 1.1%  | 14.1% | 96.7% | NA                    | NA     |
| Transition High                                 | 3       | 0.0%  | 92.9% | 5.1%         | 1.0%   | 13.1% | 3.0%  | 93.9% | NA                    | NA     |
| Trowbridge Street School of Great Lakes Studies | 1       | 1.4%  | 23.1% | 42.3%        | 21.2%  | 27.4% | 0.5%  | 87.0% | 61.0                  | 40.8   |
| United Community Center Acosta Middle School    | 1       | 0.0%  | 1.4%  | 95.3%        | 2.8%   | 18.5% | 11.8% | 78.2% | 69.1                  | 43.8   |
| Veritas High                                    | 1       | 0.0%  | 1.2%  | 93.6%        | 4.8%   | 6.0%  | 31.1% | 97.6% | 65.7                  | 49.2   |
| Victory Christian Academy                       | 1       | 0.0%  | 9.9%  | 78.2%        | 10.6%  | 0.0%  | 19.7% | 89.4% | 63.5                  | 32.6   |
| Victory Elementary                              | 1       | 33.1% | 12.7% | 27.5%        | 21.9%  | 10.4% | 37.7% | 96.3% | 69.0                  | 38.6   |
| Vieau Elementary                                | 1       | 0.7%  | 1.8%  | 94.9%        | 1.6%   | 19.8% | 58.5% | 90.4% | 63.5                  | 37.8   |
| Vincent Accelerated Academy                     | 3       | 0.0%  | 97.8% | 0.0%         | 0.0%   | 28.3% | 0.0%  | 91.3% | NA                    | NA     |
| Vincent High                                    | 3       | 3.1%  | 89.5% | 2.8%         | 1.1%   | 29.2% | 1.6%  | 91.5% | 51.5                  | 9.5    |
| Wedgewood Park School                           | 1       | 6.7%  | 24.3% | 53.8%        | 11.4%  | 17.9% | 19.9% | 87.7% | 71.2                  | 45.7   |
| Westside Academy                                | 3       | 2.0%  | 90.8% | 3.1%         | 1.5%   | 24.5% | 0.5%  | 99.0% | 58.2                  | 12.9   |
| Whitman Elementary                              | 1       | 5.3%  | 15.3% | 39.2%        | 33.9%  | 21.1% | 2.2%  | 81.1% | 62.1                  | 51.2   |
| Whittier Elementary                             | 2       | 6.7%  | 11.9% | 34.7%        | 34.2%  | 11.4% | 1.0%  | 56.5% | 74.1                  | 71.8   |
| WHS Information Technology                      | 3       | 3.4%  | 89.2% | 3.6%         | 1.9%   | 32.0% | 6.2%  | 93.3% | 13.0                  | 6.7    |
| Wisconsin Conservatory of Lifelong Learning     | 3       | 2.5%  | 85.1% | 5.0%         | 1.8%   | 30.6% | 2.5%  | 98.9% | 39.5                  | 7.9    |
| Wisconsin Lutheran High                         | 3       | 2.3%  | 45.5% | 16.5%        | 30.6%  | 0.6%  | 1.7%  | 62.2% | 73.4                  | 58.9   |
| Woodlands School                                | 2       | 3.2%  | 25.4% | 14.4%        | 44.7%  | 9.5%  | 0.0%  | 32.3% | 82.5                  | 70.1   |
| Woodlands School - State Street Campus          | 2       | 2.6%  | 64.5% | 12.1%        | 7.0%   | 8.4%  | 0.0%  | 48.0% | 78.4                  | 41.4   |
| Word of Life Lutheran School                    | 2       | 14.5% | 6.6%  | 48.7%        | 18.4%  | 2.6%  | 7.9%  | 61.8% | 83.2                  | 47.3   |
| Yeshiva Elementary                              | 2       | 0.0%  | 0.0%  | 0.0%         | 100.0% | 1.0%  | 0.0%  | 42.1% | 72.1                  | 69.2   |
| Zablocki Elementary                             | 1       | 7.9%  | 12.1% | 62.1%        | 12.8%  | 23.4% | 22.8% | 88.3% | 66.7                  | 28.2   |