# StuderEducation 

EXCELLENCE IN EDUCATION

## Parent Satisfaction Survey

2017 Results Report

Arlington Independent School District


## Summary of Results for Scaled Survey Data

The Arlington Independent School District is committed to creating a great place for students to learn, teachers to teach, staff to work, and for parents to send their children to receive a great education. To build on this commitment, the leadership of the school district gathers and analyzes data on four essential goals and measures - Employee Engagement, District Support Services, Parent Satisfaction and Student Engagement. This journey of excellence based on measurable goals began in 2013 and focuses on the use of data to identify gaps, take action, and follow through to ensure continuous improvement in the Arlington Independent School District.

The Parent Satisfaction Survey was administered to all parents with children enrolled in the school district to assess their level of satisfaction with the school their child attends. This report provides an overview of the findings for the 2017 administration of the Parent Satisfaction Survey.

## District Data Summary

Table 1. Parent Participation and Overall Mean by Survey Administration

| Date of Administration | Completed | Percent of Total <br> Completed <br> Non-English | Overall <br> District <br> Mean |
| :---: | :---: | :---: | :---: |
| 2013 | 7,178 | 19.6 | 4.22 |
| 2014 | 7,169 | 16.9 | 4.39 |
| 2015 | 7,200 | 5.3 | 4.33 |
| 2016 | 8,282 | 18.9 | 4.38 |
| $\mathbf{2 0 1 7}$ | $\mathbf{8 , 7 7 1}$ | $\mathbf{2 4 . 5}$ | $\mathbf{4 . 4 0}$ |

V The overall mean for the 2017 survey administration is 4.40 on a scale of 1 to 5 , with five being the highest. All individual item means continue to be above a 4.00 on a scale of 1 to 5 .

V Excluding the Superintendent items, the items with the highest mean are:

- My family is treated with respect at this school. $\{4.56\}$
- The school is clean and well maintained. $\{4.55\}$
- My child has the necessary classroom supplies and equipment for effective learning. \{4.55\}
- My child's learning is a high priority at this school. $\{4.55\}$

V The lowest item means excluding the Superintendent items are:

- School rules/discipline plans are enforced consistently at this school. \{4.35\}
- I regularly receive feedback from school staff on how well my child is learning. \{4.24\}
- I receive positive phone calls, notes, and/or emails about my child from the school. \{4.17\}

V The mean for the school pride item, "I would recommend this school to other parents," increased from 4.40 to 4.43. The means for the two superintendent items also increased.

Table 2 on the following page shows the item means and overall means for the current survey administration and all prior survey administrations.

Table 2. Item Means by Survey Administration

| Items 1 - 17 | 2013 | 2014 | 2015 | 2016 | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. My child's learning is a high priority at this school. | 4.37 | 4.54 | 4.49 | 4.52 | 4.55 |
| 2. School rules/discipline plans are enforced consistently at this school. | 4.18 | 4.34 | 4.29 | 4.32 | 4.35 |
| 3. I regularly receive feedback from school staff on how well my child is learning. | 3.98 | 4.20 | 4.15 | 4.19 | 4.24 |
| 4. My family is treated with respect at this school. | 4.39 | 4.54 | 4.51 | 4.54 | 4.56 |
| 5. My child has every opportunity to be successful at this school. | 4.28 | 4.46 | 4.41 | 4.45 | 4.49 |
| 6. My child has the necessary classroom supplies and equipment for effective learning. | 4.40 | 4.52 | 4.48 | 4.53 | 4.55 |
| 7. I would recommend this school to other parents. | 4.21 | 4.40 | 4.34 | 4.40 | 4.43 |
| 8. This school provides a safe environment for my child to learn. | 4.32 | 4.49 | 4.43 | 4.46 | 4.48 |
| 9. My child is recognized for good work and behavior at this school. | 4.23 | 4.41 | 4.38 | 4.41 | 4.43 |
| 10. The school is clean and well maintained. | 4.46 | 4.54 | 4.49 | 4.54 | 4.55 |
| 11. The teachers, staff, and administration at this school demonstrate a genuine concern for my child. | 4.26 | 4.43 | 4.39 | 4.43 | 4.46 |
| 12. I am proud to say I have a child at this school. | 4.26 | 4.44 | 4.39 | 4.44 | 4.46 |
| 13. I receive positive phone calls or notes about my child from the school. | 3.79 | 4.09 | 4.07 | 4.12 | 4.17 |
| 14. The principal at this school is approachable and reachable. | 4.20 | 4.37 | 4.28 | 4.36 | 4.37 |
| 15. The principal at this school is an effective leader. | 4.21 | 4.39 | 4.30 | 4.36 | 4.37 |
| 16. The Superintendent of the Arlington Independent School District is an effective leader. | 4.09 | 4.22 | 4.13 | 4.20 | 4.23 |
| 17. The Superintendent of the Arlington Independent School District makes decisions that are in the best interest of children and parents of the district. | 4.09 | 4.22 | 4.11 | 4.19 | 4.21 |
| Overall Mean | 4.22 | 4.39 | 4.33 | 4.38 | 4.40 |

Item n ranges (2013: 6,599-6,780; 2014: 6,932-7,133; 2015: 7,034-7,200; 2016: 8,034-8,254; 2017: 8,542-8,773)

Figure 1 (page 3) shows the percentage distribution of response choices across all items in the current survey administration. Parents choosing "Strongly Agree" and "Agree" equaled 87.7\%. This represents an increase in percent of responses of $1.1 \%$, and a positive shift (or decrease) in percent of responses in the "Mixed Feelings," "Disagree," and "Strongly Disagree" categories.

Figure 1. Percentage of Responses by Item Response Category


Table 3 below shows the distribution of responses from "Strongly Agree" to "Strongly Disagree" across each survey administration by frequency and percentage.

Table 3. Response Frequencies by Category by Survey Administration and Overall

| Survey Administration | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | 57,444 | 36,901 | 13,056 | 4,300 | 3,448 |
| Percent of Total Responses ( $\mathrm{n}=115,149$ ) | 49.9\% | 32.0\% | 11.3\% | 3.7\% | 3.0\% |
| 2014 | 69,353 | 35,582 | 10,035 | 2,918 | 2,304 |
| Percent of Total Responses ( $\mathrm{n}=120,192$ ) | 57.7\% | 29.6\% | 8.3\% | 2.4\% | 1.9\% |
| 2015 | 66,008 | 38,126 | 11,462 | 3,256 | 2,553 |
| Percent of Total Responses ( $\mathrm{n}=121,405$ ) | 54.4\% | 31.4\% | 9.4\% | 2.7\% | 2.1\% |
| 2016 | 80,635 | 40,213 | 12,566 | 3,364 | 2,747 |
| Percent of Total Responses ( $\mathrm{n}=139,525$ ) | 57.8\% | 28.8\% | 9.0\% | 2.4\% | 2.0\% |
| 2017 | 86,291 | 43,368 | 12,453 | 3,238 | 2,462 |
| Percent of Total Responses ( $\mathrm{n}=147,812$ ) | 58.4\% | 29.3\% | 8.4\% | 2.2\% | 1.7\% |

## Percentile Benchmark Comparisons

Percentile ranks are used to provide a normed comparison for each district's Parent Satisfaction Survey overall mean, and ranges for each item mean. Two benefits of using percentile ranks include:
(a) a standardized frame of reference for the support characteristic mean / overall mean interpretation, and
(b) showing where a score, in this case the district's support characteristic means and overall mean, fits within a larger distribution of scores.

The "larger distribution of scores" in this report includes responses from Studer Education partners with students completing the Parent Satisfaction Survey across all survey administrations through Spring 2016. Using Monte Carlo simulation, the survey administration data are used to generate a dataset with 100,000 districts. The simulated dataset is based on the mean and standard deviation of the actual dataset, but has enough cases to smooth out the curve. The simulated dataset is used to calculate the percentile ranks.

AISD's overall mean of 4.40 ranks at the 90th percentile of all benchmark districts' overall means.
Appendix 2 includes a table of ranges for percentile ranks for each item in the Parent Satisfaction survey for district comparison.

## School Results

On the following pages, Table 4 provides the number of respondents for individual schools by survey administration and Table 5 provides the overall means for each school by survey administration. Appendix 1 begins on page 10 and includes the overall mean and item mean for each school.

Table 4. Number of Responses by Survey Administration

| School | 2013 <br> n | 2014 <br> n | 2015 <br> n | 2016 <br> n | 2017 <br> n |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Adams Elementary |  | 37 | 35 | 68 | 119 |
| Amos Elementary | 221 | 150 | 74 | 7 | 33 |
| Anderson Elementary | 1 | 167 | 74 | 51 | 72 |
| Arlington Collegiate High School |  |  | 79 | 114 | 178 |
| Arlington High School | 184 | 162 | 157 | 250 | 157 |
| Ashworth Elementary | 189 | 144 | 153 | 207 | 249 |
| Atherton Elementary | 152 | 117 | 33 | 126 | 113 |
| Bailey Junior High | 97 | 121 | 154 | 142 | 142 |
| Barnett Junior High | 53 | 67 | 144 | 42 | 274 |
| Bebensee Elementary | 41 | 149 | 71 | 83 | 65 |

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Table 4. Number of Responses by Survey Administration (continued)

| School | $\begin{gathered} 2013 \\ \mathrm{n} \end{gathered}$ | $\begin{gathered} 2014 \\ \mathrm{n} \end{gathered}$ | $\begin{gathered} 2015 \\ \mathrm{n} \end{gathered}$ | $\begin{gathered} 2016 \\ \mathrm{n} \end{gathered}$ | $\begin{gathered} 2017 \\ \mathrm{n} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Beckham Elementary | 69 | 59 | 6 | 56 | 92 |
| Berry Elementary | 11 | 52 | 259 | 184 | 234 |
| Blanton Elementary | 6 | 12 | 8 | 52 | 62 |
| Boles Junior High | 65 | 50 | 94 | 87 | 86 |
| Bowie High School | 119 | 96 | 61 | 18 | 29 |
| Bryant Elementary | 222 | 173 | 103 | 168 | 163 |
| Burgin Elementary | 193 | 30 | 70 | 205 | 88 |
| Butler Elementary | 144 | 74 | 54 | 324 | 320 |
| Carter Junior High | 10 | 22 | 50 | 24 | 37 |
| Community Based Program | 49 | 2 | 1 | 0 | 3 |
| Corey Elementary | 63 | 33 | 31 | 225 | 220 |
| Crouch Elementary | 53 | 261 | 170 | 157 | 100 |
| Crow Elementary | 69 | 108 | 6 | 41 | 230 |
| Ditto Elementary | 211 | 31 | 181 | 132 | 146 |
| Duff Elementary | 57 | 149 | 38 | 189 | 117 |
| Dunn Elementary | 81 | 59 | 31 | 96 | 91 |
| Ellis Elementary | 116 | 6 | 11 | 6 | 67 |
| Farrell Elementary | 17 | 67 | 100 | 177 | 172 |
| Ferguson Junior High | 59 | 4 | 43 | 2 | 0 |
| Fitzgerald Elementary | 14 | 12 | 5 | 94 | 87 |
| Foster Elementary | 13 | 48 | 164 | 38 | 77 |
| Goodman Elementary | 239 | 174 | 234 | 87 | 77 |
| Gunn Junior High | 77 | 76 | 31 | 32 | 36 |
| Hale Elementary | 11 | 138 | 92 | 94 | 84 |
| Hill Elementary | 126 | 103 | 62 | 116 | 111 |
| Hutcheson Junior High | 34 | 50 | 1 | 1 | 0 |
| Johns Elementary | 118 | 222 | 297 | 138 | 104 |
| Jones Academy |  |  |  | 66 | 123 |
| Key Elementary | 87 | 48 | 94 | 126 | 129 |
| Knox Elementary | 59 | 45 | 86 | 76 | 103 |

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Table 4. Number of Responses by Survey Administration (continued)

| School/Department | $2013$ | $2014$ | $2015$ | $2016$ | $2017$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Kooken Center | 117 | 65 | 106 | 157 | 2 |
| Lamar High School | 222 | 78 | 69 | 117 | 60 |
| Larson Elementary | 391 | 367 | 319 | 116 | 216 |
| Little Elementary | 113 | 212 | 38 | 250 | 151 |
| Martin High School | 254 | 190 | 145 | 116 | 81 |
| McNutt Elementary | - | - | - | - | 115 |
| Miller Elementary | 53 | 45 | 69 | 71 | 50 |
| Moore Elementary | 72 | 67 | 63 | 96 | 101 |
| Morton Elementary | 128 | 118 | 69 | 66 | 77 |
| Newcomer Center | 1 | 23 | 112 | 84 | 195 |
| Nichols Junior High | 39 | 27 | 49 | 6 | 20 |
| Ousley Junior High | 93 | 151 | 123 | 91 | 181 |
| Patrick Elementary | - | - | - | 226 | 230 |
| Peach Elementary | - | - |  | - | 27 |
| Pearcy Elementary | 128 | 67 | 41 | 71 | 49 |
| Pope Elementary | 71 | 19 | 22 | 30 | 29 |
| Rankin Elementary | 132 | 154 | 7 | 98 | 47 |
| Remynse Elementary | 79 | 61 | 76 | 173 | 185 |
| Roark Elementary | 238 | 35 | 299 | 240 | 437 |
| Roquemore Elementary | 160 | 41 | 51 | 135 | 00 |
| Sam Houston High School | 25 | 81 | 89 | 57 | 40 |
| Seguin High School | 64 | 133 | 235 | 146 | 100 |
| Shackelford Junior High | 54 | 32 | 37 | 79 | 154 |
| Sherrod Elementary | 94 | 196 | 286 | 149 | 126 |
| Short Elementary | 46 | 108 | 77 | 46 | 130 |
| South Davis Elementary | 116 | 179 | 122 | 125 | 150 |
| Speer Elementary | 158 | 160 | 146 | 185 | 185 |
| Starrett Elementary | 73 | 136 | 112 | 114 | 69 |
| Swift Elementary | 213 | 25 | 39 | 185 | 162 |
| Thornton Elementary | 176 | 227 | 173 | 107 | 74 |
| Turning Point High School | 1 | 35 | 13 | 7 | 0 |

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## Table 4. Number of Responses by Survey Administration (continued)

$\left.\begin{array}{|lccccc|}\hline \text { School/Department } & \begin{array}{c}2013 \\ \mathrm{n}\end{array} & \begin{array}{c}2014 \\ \mathrm{n}\end{array} & \begin{array}{c}2015 \\ \mathrm{n}\end{array} & \begin{array}{c}2016 \\ \mathrm{n}\end{array} & \mathbf{2 0 1 7} \\ \mathrm{n}\end{array}\right]$

Table 5. Overall Mean by School and by Survey Administration

| School | 2013 <br> Means | 2014 <br> Means | 2015 <br> Means | 2016 <br> Means | 2017 <br> Means |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Adams Elementary | 4.31 | 4.35 | 4.34 | 4.08 | 4.62 |
| Amos Elementary |  | 4.60 | 4.60 | 4.42 | 4.61 |
| Anderson Elementary |  |  | 4.67 | 4.69 | 4.65 |
| Arlington Collegiate High School | 3.86 | 4.16 | 3.71 | 3.79 | 3.55 |
| Arlington High School | 4.47 | 4.61 | 4.63 | 4.54 | 4.49 |
| Ashworth Elementary | 4.05 | 4.36 | 4.30 | 4.60 | 4.52 |
| Atherton Elementary | 4.13 | 4.30 | 4.26 | 4.49 | 4.51 |
| Bailey Junior High | 3.42 | 3.78 | 3.96 | 4.09 | 4.00 |
| Barnett Junior High | 4.17 | 4.46 | 4.35 | 4.27 | 4.27 |
| Bebensee Elementary | 4.35 | 4.56 | 3.98 | 4.55 | 4.59 |
| Beckham Elementary | 3.94 | 4.79 | 4.52 | 4.43 | 4.45 |
| Berry Elementary | 4.01 | 4.65 | 3.60 | 4.20 | 4.35 |
| Blanton Elementary | 4.01 | 3.98 | 4.09 | 4.22 | 4.15 |
| Boles Junior High |  |  |  |  |  |

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Table 5. Overall Mean by School and by Survey Administration (continued)

| School | $2013$ <br> Means | 2014 <br> Means | $\begin{gathered} 2015 \\ \text { Means } \end{gathered}$ | $\begin{aligned} & 2016 \\ & \text { Means } \end{aligned}$ | $\begin{gathered} 2017 \\ \text { Means } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Bowie High School | 3.36 | 3.44 | 3.43 | 3.39 | 3.55 |
| Bryant Elementary | 4.41 | 4.62 | 4.45 | 4.52 | 4.63 |
| Burgin Elementary | 4.43 | 4.30 | 4.42 | 4.45 | 4.64 |
| Butler Elementary | 4.26 | 3.94 | 4.14 | 4.56 | 4.62 |
| Carter Junior High | 4.35 | 4.37 | 4.39 | 4.41 | 4.15 |
| Community Based Program | 4.68 | 3.97 | $\mathrm{n}=1$ | $\mathrm{n}=0$ | $\mathrm{n}=3$ |
| Corey Elementary | 4.38 | 4.25 | 3.67 | 4.57 | 4.50 |
| Crouch Elementary | 4.45 | 4.60 | 4.56 | 4.43 | 4.62 |
| Crow Elementary | 4.52 | 4.40 | 3.46 | 4.53 | 4.53 |
| Ditto Elementary | 4.58 | 4.41 | 4.45 | 4.46 | 4.53 |
| Duff Elementary | 4.20 | 4.39 | 4.18 | 4.57 | 4.52 |
| Dunn Elementary | 4.21 | 4.41 | 4.10 | 4.50 | 4.47 |
| Ellis Elementary | 4.44 | 3.07 | 3.32 | 3.51 | 4.52 |
| Farrell Elementary | 3.40 | 4.47 | 4.40 | 4.37 | 4.54 |
| Ferguson Junior High | 4.26 | 3.76 | 4.38 | $\mathrm{n}=2$ | $\mathrm{n}=0$ |
| Fitzgerald Elementary | 3.05 | 4.40 | 4.02 | 4.44 | 4.47 |
| Foster Elementary | 3.10 | 4.05 | 4.38 | 4.05 | 4.42 |
| Goodman Elementary | 4.43 | 4.36 | 4.36 | 4.46 | 4.53 |
| Gunn Junior High | 3.87 | 4.30 | 4.43 | 4.43 | 4.38 |
| Hale Elementary | 4.36 | 4.45 | 4.43 | 4.64 | 4.42 |
| Hill Elementary | 3.93 | 4.32 | 3.58 | 4.34 | 4.34 |
| Hutcheson Junior High | 4.11 | 4.30 | $\mathrm{n}=1$ | $\mathrm{n}=1$ | $\mathrm{n}=0$ |
| Johns Elementary | 4.53 | 4.57 | 4.60 | 4.61 | 4.65 |
| Jones Academy |  |  |  | 4.43 | 4.58 |
| Key Elementary | 4.44 | 4.53 | 4.70 | 4.64 | 4.53 |
| Knox Elementary | 4.50 | 4.53 | 4.42 | 4.45 | 4.60 |
| Kooken Center | 4.70 | 4.61 | 4.75 | 4.77 | $\mathrm{n}=2$ |
| Lamar High School | 3.38 | 3.25 | 3.62 | 3.77 | 3.54 |
| Larson Elementary | 4.55 | 4.60 | 4.52 | 4.18 | 4.41 |
| Little Elementary | 4.34 | 4.64 | 4.07 | 4.65 | 4.71 |
| Martin High School | 3.23 | 3.62 | 3.81 | 3.74 | 3.88 |
| McNutt Elementary |  |  |  |  | 4.50 |
| Miller Elementary | 3.73 | 3.93 | 3.80 | 4.09 | 4.18 |

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Table 5. Overall Mean by School and by Survey Administration (continued)

| School/Department | $2013$ <br> Means | $2014$ <br> Means | $2015$ Means | $\begin{aligned} & 2016 \\ & \text { Means } \end{aligned}$ | $\begin{gathered} 2017 \\ \text { Means } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Moore Elementary | 4.08 | 4.09 | 3.73 | 4.17 | 4.17 |
| Morton Elementary | 4.29 | 4.34 | 4.24 | 3.95 | 4.15 |
| Newcomer Center |  | 4.63 | 4.45 | 4.47 | 4.57 |
| Nichols Junior High | 3.68 | 4.19 | 4.08 | 3.66 | 3.34 |
| Ousley Junior High | 4.20 | 4.34 | 4.27 | 4.22 | 4.31 |
| Patrick Elementary |  |  |  | 4.57 | 4.60 |
| Peach Elementary |  |  |  |  | 4.25 |
| Pearcy Elementary | 4.26 | 4.57 | 4.31 | 4.52 | 4.49 |
| Pope Elementary | 3.86 | 3.56 | 4.02 | 4.22 | 4.08 |
| Rankin Elementary | 4.39 | 4.58 | 3.18 | 4.34 | 4.13 |
| Remynse Elementary | 4.59 | 4.35 | 4.58 | 4.34 | 4.45 |
| Roark Elementary | 4.49 | 4.50 | 4.49 | 4.50 | 4.51 |
| Roquemore Elementary | 3.95 | 4.21 | 4.19 | 4.33 | $\mathrm{n}=0$ |
| Sam Houston High School | 3.80 | 4.45 | 4.33 | 4.18 | 4.12 |
| Seguin High School | 3.30 | 4.14 | 4.07 | 4.11 | 4.29 |
| Shackelford Junior High | 4.00 | 4.14 | 3.82 | 4.32 | 4.11 |
| Sherrod Elementary | 4.48 | 4.54 | 4.49 | 4.46 | 4.26 |
| Short Elementary | 4.56 | 4.74 | 4.67 | 4.53 | 4.61 |
| South Davis Elementary | 4.37 | 4.51 | 4.41 | 4.38 | 4.35 |
| Speer Elementary | 4.47 | 4.49 | 4.39 | 4.50 | 4.47 |
| Starrett Elementary | 4.36 | 4.45 | 4.34 | 4.52 | 4.35 |
| Swift Elementary | 4.48 | 3.89 | 3.87 | 4.22 | 4.29 |
| Thornton Elementary | 4.27 | 4.62 | 4.47 | 4.42 | 4.44 |
| Turning Point High School |  | 4.22 | 4.22 | 4.67 | $\mathrm{n}=0$ |
| Turning Point Junior High | 3.83 | 4.56 | 4.77 | 4.01 | 4.15 |
| Venture High School | 4.63 | 4.67 | $\mathrm{n}=3$ | 4.50 | 4.75 |
| Webb Elementary | 3.63 | 4.33 | 4.34 | 4.32 | 4.31 |
| West Elementary | 4.33 | 4.08 | 3.98 | 4.33 | 4.20 |
| Williams Elementary | 4.24 | 4.27 | 3.59 | 4.28 | 3.19 |
| Wimbish Elementary | 4.29 | 4.26 | 4.12 | 3.78 | 3.67 |
| Wood Elementary | 3.82 | 4.54 | 4.55 | 4.24 | 4.44 |
| Workman Junior High | 4.32 | 4.52 | 4.41 | 4.10 | 3.97 |
| Young Junior High | 3.62 | 3.87 | 4.20 | 4.16 | 4.21 |
| Overall Mean | 4.22 | 4.39 | 4.33 | 4.38 | 4.40 |

## Appendix 2

Item Mean Percentile Ranges

## Percentile Ranges by Item Chart

| Percentiles |  | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 | Item 6 | Item7 | Item 8 | Item 9 | Item 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 4.17 | 3.78 | 3.48 | 4.20 | 4.00 | 4.15 | 3.99 | 4.09 | 3.98 | 4.19 |
|  | 20 | 4.25 | 3.89 | 3.62 | 4.26 | 4.09 | 4.21 | 4.08 | 4.17 | 4.07 | 4.25 |
|  | 30 | 4.30 | 3.97 | 3.71 | 4.30 | 4.15 | 4.26 | 4.14 | 4.23 | 4.13 | 4.30 |
|  | 40 | 4.34 | 4.04 | 3.79 | 4.34 | 4.21 | 4.30 | 4.20 | 4.27 | 4.18 | 4.34 |
|  | 50 | 4.38 | 4.10 | 3.87 | 4.37 | 4.26 | 4.34 | 4.25 | 4.32 | 4.23 | 4.38 |
|  | 60 | 4.42 | 4.16 | 3.95 | 4.40 | 4.31 | 4.38 | 4.30 | 4.37 | 4.28 | 4.42 |
|  | 70 | 4.46 | 4.23 | 4.03 | 4.44 | 4.36 | 4.42 | 4.36 | 4.41 | 4.33 | 4.46 |
|  | 80 | 4.51 | 4.31 | 4.12 | 4.48 | 4.43 | 4.47 | 4.42 | 4.47 | 4.39 | 4.51 |
|  | 90 | 4.58 | 4.42 | 4.25 | 4.54 | 4.52 | 4.53 | 4.51 | 4.55 | 4.47 | 4.57 |


| Percentiles |  | Item 11 | Item 12 | Item 13 | Item 14 | Item 15 | Item 16 | Item 17 | Overall Mean |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10 | 4.06 | 4.01 | 3.28 | 3.87 | 3.81 | 3.39 | 3.37 | 3.90 |
|  | 20 | 4.13 | 4.10 | 3.43 | 3.95 | 3.92 | 3.53 | 3.51 | 3.98 |
|  | 30 | 4.18 | 4.16 | 3.55 | 4.01 | 3.99 | 3.63 | 3.62 | 4.05 |
|  | 40 | 4.22 | 4.22 | 3.64 | 4.06 | 4.05 | 3.72 | 3.70 | 4.10 |
|  | 50 | 4.27 | 4.27 | 3.73 | 4.11 | 4.11 | 3.81 | 3.79 | 4.15 |
|  | 60 | 4.31 | 4.32 | 3.82 | 4.16 | 4.17 | 3.89 | 3.87 | 4.20 |
|  | 70 | 4.35 | 4.38 | 3.91 | 4.21 | 4.23 | 3.98 | 3.96 | 4.25 |
|  | 80 | 4.40 | 4.44 | 4.03 | 4.27 | 4.30 | 4.09 | 4.07 | 4.32 |
|  | 90 | 4.48 | 4.53 | 4.18 | 4.35 | 4.40 | 4.23 | 4.21 | 4.40 |

Using the Chart: Note from Table 1 in the report that the Arlington ISD overall mean is 4.40. In the chart above, find the "Overall Mean" column and locate the means between which the AISD overall mean of 4.40 is located. The green shading shows 4.40 does not fall between two means, but is closest to or the same as "4.40," the mean aligning to the 90th percentile. This means the AISD overall mean is higher than $90 \%$ of benchmark districts. This is confirmed on page 4 in the statement that the Arlington ISD mean of 4.40 is found in the 90 th percentile meaning it is higher than $90 \%$ of benchmark districts.

