

Introduction to *Schools by SES Distribution Data*

Why is the socioeconomic status (SES) make up of a school's student population important?

The Board of Education's goals for student assignment reference equitable access to quality schools and decreasing the number of schools with high concentrations of poor and high needs students.

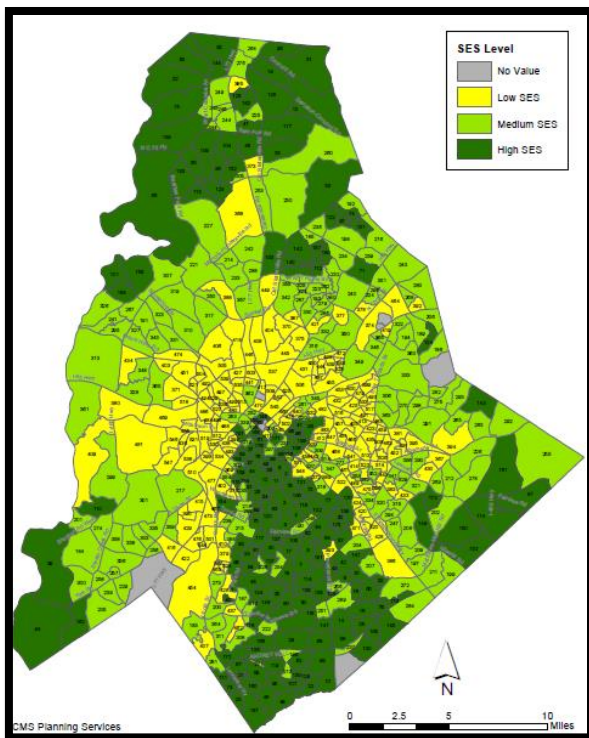
Factors such as family income, parental education attainment and English language ability can, together, influence learning environments. Individual student capacity and potential for learning is *not* correlated to socioeconomic status, but rather there are group effects when large concentrations of students who share similar socioeconomic factors learn together.

How does CMS define SES?

During the fall and winter of 2016, the CMS Board of Education identified a number of social and economic factors that, together, may influence the learning environment. Data associated with the identified factors is readily available from the United States Census (Census) and related American Community Survey (ACS).

The identified factors are:

- English Language Ability (i.e., whether or not English is "spoken" very well in the home)
- Family Composition (i.e, is the home a single or multi-parent home)
- Family Income
- Home Ownership
- Parental Education Attainment



There are 548 block groups, small geographic regions defined by the US Census Bureau, in Mecklenburg County with at least one CMS student resident. CMS assesses each block group relative to the others for each of the 5 identified SES factors. Block groups were then ranked 1 – 548 based on their average score, and divided into 3 equally sized groups.

Blocks 1 – 182 are designated "high SES" and associated with higher incomes and educational attainment, lower incidences of English "not spoken very well" in the home and single parent households, and higher instances of home ownership; these are factors associated with educational advantages.

Blocks 183 – 367 are designated "medium SES" and blocks 368 – 548 are designated "low SES."

It is important to note that these designations are not absolute. That is, CMS did not set an income or education level below which a block group is considered "low SES" and above which it is

considered "medium" or "high SES." Rather, the designations are relative. That is, CMS assessed each block group *relative* to the all the others.

How is SES distribution for a given school calculated?

Each CMS student's home address is geocoded to one of the identified 548 block groups in Mecklenburg County, and each of those block groups has a designation as either high, medium or low SES.

Looking at all the addresses assigned to a given school, and all the block groups associated with those addresses, CMS is able to determine the SES distribution of a school's attending population.

Are there limitations to the SES data?

There are a few limitations to the data. And while the limitations are minor and do not mean the data is not useful for CMS' purposes, it is important to acknowledge them.

The data is specific to the block group medians for each of the factors. It would certainly be more accurate if CMS was able to assess each of the five SES factors for individual student households. Barring the ability to do so, the median data available via the Census and ACS is the best proxy.

The most recent ACS data was released in 2015. And while two years is well within the acceptable range for using the data, it is worth noting that changes in some Mecklenburg County communities may not be reflected in the data.

All Schools by SES Level 2016, Attending School

| Schools | Low SES | | Medium SES | | High SES | | Total Students | Total Pct |
|--------------------------|----------|--------|------------|--------|----------|--------|----------------|-----------|
| | Students | Pct | Students | Pct | Students | Pct | | |
| Alexander Graham MS | 273 | 19.21% | 205 | 14.43% | 943 | 66.36% | 1421 | 100.00% |
| Audrey Kell HS | 10 | 0.33% | 142 | 4.75% | 2835 | 94.91% | 2987 | 100.00% |
| Albemarle Road ES | 732 | 64.32% | 406 | 35.68% | | 0.00% | 1138 | 100.00% |
| Albemarle Road MS | 782 | 67.07% | 383 | 32.85% | 1 | 0.09% | 1166 | 100.00% |
| Alexander MS | 45 | 6.02% | 378 | 50.53% | 325 | 43.45% | 748 | 100.00% |
| Allenbrook ES | 556 | 98.23% | 9 | 1.59% | 1 | 0.18% | 566 | 100.00% |
| Ashley Park ES | 503 | 89.34% | 58 | 10.30% | 2 | 0.36% | 563 | 100.00% |
| Bailey Road MS | 154 | 9.17% | 418 | 24.88% | 1108 | 65.95% | 1680 | 100.00% |
| Bain ES | 13 | 1.41% | 422 | 45.92% | 484 | 52.67% | 919 | 100.00% |
| Ballantyne ES | 1 | 0.12% | 100 | 11.53% | 766 | 88.35% | 867 | 100.00% |
| Barnette ES | 16 | 2.24% | 184 | 25.73% | 515 | 72.03% | 715 | 100.00% |
| Barringer ES | 337 | 58.30% | 74 | 12.80% | 167 | 28.89% | 578 | 100.00% |
| Phillip O. Berry | 790 | 50.51% | 678 | 43.35% | 96 | 6.14% | 1564 | 100.00% |
| Berryhill ES | 549 | 77.54% | 155 | 21.89% | 4 | 0.56% | 708 | 100.00% |
| Berewick ES | 23 | 3.28% | 455 | 64.81% | 224 | 31.91% | 702 | 100.00% |
| Beverly Woods ES | 16 | 2.09% | 151 | 19.71% | 599 | 78.20% | 766 | 100.00% |
| Billingsville ES | 327 | 96.46% | 11 | 3.24% | 1 | 0.29% | 339 | 100.00% |
| Blythe ES | 247 | 22.98% | 653 | 60.74% | 175 | 16.28% | 1075 | 100.00% |
| Bradley MS | 110 | 10.30% | 427 | 39.98% | 531 | 49.72% | 1068 | 100.00% |
| Briarwood ES | 721 | 98.90% | 8 | 1.10% | | 0.00% | 729 | 100.00% |
| Bruns | 641 | 90.79% | 64 | 9.07% | 1 | 0.14% | 706 | 100.00% |
| Butler HS | 405 | 19.04% | 1353 | 63.61% | 369 | 17.35% | 2127 | 100.00% |
| Walter G. Byers | 464 | 98.10% | 9 | 1.90% | | 0.00% | 473 | 100.00% |
| Carmel MS | 329 | 30.13% | 130 | 11.90% | 633 | 57.97% | 1092 | 100.00% |
| Cato Middle College | 46 | 18.93% | 144 | 59.26% | 53 | 21.81% | 243 | 100.00% |
| Chantilly Montessori | 59 | 21.69% | 117 | 43.01% | 96 | 35.29% | 272 | 100.00% |
| Clear Creek ES | 12 | 2.18% | 391 | 71.09% | 147 | 26.73% | 550 | 100.00% |
| Cochrane | 766 | 94.33% | 43 | 5.30% | 3 | 0.37% | 812 | 100.00% |
| Collinswood | 283 | 36.95% | 303 | 39.56% | 180 | 23.50% | 766 | 100.00% |
| Community House MS | | 0.00% | 190 | 10.67% | 1591 | 89.33% | 1781 | 100.00% |
| Cornelius ES | 132 | 21.39% | 160 | 25.93% | 325 | 52.67% | 617 | 100.00% |
| Cotswold ES | 204 | 24.85% | 153 | 18.64% | 464 | 56.52% | 821 | 100.00% |
| Coulwood | 68 | 10.43% | 568 | 87.12% | 16 | 2.45% | 652 | 100.00% |
| Crestdale MS | 104 | 13.33% | 221 | 28.33% | 455 | 58.33% | 780 | 100.00% |
| Crown Point ES | 218 | 31.19% | 461 | 65.95% | 20 | 2.86% | 699 | 100.00% |
| Croft ES | 21 | 3.63% | 154 | 26.64% | 403 | 69.72% | 578 | 100.00% |
| David Cox Road ES | 14 | 2.31% | 554 | 91.57% | 37 | 6.12% | 605 | 100.00% |
| Davidson ES | 2 | 0.29% | 155 | 22.14% | 543 | 77.57% | 700 | 100.00% |
| Devonshire ES | 623 | 99.84% | 1 | 0.16% | | 0.00% | 624 | 100.00% |
| Dilworth ES | 117 | 16.12% | 61 | 8.40% | 548 | 75.48% | 726 | 100.00% |
| Druid Hills | 559 | 98.42% | 7 | 1.23% | 2 | 0.35% | 568 | 100.00% |
| Early College | 90 | 33.09% | 135 | 49.63% | 47 | 17.28% | 272 | 100.00% |
| Eastover ES | 88 | 20.37% | 82 | 18.98% | 262 | 60.65% | 432 | 100.00% |
| Eastway MS | 854 | 93.85% | 52 | 5.71% | 4 | 0.44% | 910 | 100.00% |
| eLearning | 34 | 20.00% | 65 | 38.24% | 71 | 41.76% | 170 | 100.00% |
| Elizabeth Traditional ES | 212 | 39.77% | 247 | 46.34% | 74 | 13.88% | 533 | 100.00% |
| Elizabeth Lane ES | 3 | 0.28% | 478 | 44.84% | 585 | 54.88% | 1066 | 100.00% |
| Elon Park ES | 5 | 0.45% | 9 | 0.80% | 1108 | 98.75% | 1122 | 100.00% |
| East Meck HS | 1166 | 61.21% | 413 | 21.68% | 326 | 17.11% | 1905 | 100.00% |
| Endhaven ES | 83 | 11.62% | 137 | 19.19% | 494 | 69.19% | 714 | 100.00% |

All Schools by SES Level 2016, Attending School

| Schools | Low SES | | Medium SES | | High SES | | Total Students | Total Pct |
|----------------------------|----------|--------|------------|--------|----------|--------|----------------|-----------|
| | Students | Pct | Students | Pct | Students | Pct | | |
| First Ward Creative Arts | 366 | 64.78% | 181 | 32.04% | 18 | 3.19% | 565 | 100.00% |
| Garinger HS | 1906 | 94.87% | 95 | 4.73% | 8 | 0.40% | 2009 | 100.00% |
| Grand Oaks ES | 7 | 1.18% | 25 | 4.20% | 563 | 94.62% | 595 | 100.00% |
| Greenway Park ES | 458 | 81.93% | 71 | 12.70% | 30 | 5.37% | 559 | 100.00% |
| JH Gunn ES | 620 | 81.47% | 136 | 17.87% | 5 | 0.66% | 761 | 100.00% |
| Huntingtowne Farms ES | 646 | 80.85% | 108 | 13.52% | 45 | 5.63% | 799 | 100.00% |
| Hornets Nest ES | 143 | 22.14% | 503 | 77.86% | | 0.00% | 646 | 100.00% |
| Harding HS | 1595 | 94.66% | 80 | 4.75% | 10 | 0.59% | 1685 | 100.00% |
| Harper Middle College | 24 | 22.64% | 46 | 43.40% | 36 | 33.96% | 106 | 100.00% |
| Hawthorne | 86 | 47.78% | 81 | 45.00% | 13 | 7.22% | 180 | 100.00% |
| Hickory Grove ES | 596 | 92.55% | 48 | 7.45% | | 0.00% | 644 | 100.00% |
| Highland Mill Montessori | 66 | 29.20% | 129 | 57.08% | 31 | 13.72% | 226 | 100.00% |
| Highland Creek ES | 13 | 2.05% | 284 | 44.87% | 336 | 53.08% | 633 | 100.00% |
| Hidden Valley ES | 971 | 96.91% | 25 | 2.50% | 6 | 0.60% | 1002 | 100.00% |
| Highland Ren. ES | 426 | 85.37% | 72 | 14.43% | 1 | 0.20% | 499 | 100.00% |
| Hawk Ridge ES | 2 | 0.22% | 86 | 9.47% | 820 | 90.31% | 908 | 100.00% |
| Huntersville ES | 183 | 22.54% | 115 | 14.16% | 514 | 63.30% | 812 | 100.00% |
| Hopewell HS | 219 | 13.10% | 961 | 57.48% | 492 | 29.43% | 1672 | 100.00% |
| Idlewild ES | 715 | 72.37% | 253 | 25.61% | 20 | 2.02% | 988 | 100.00% |
| Independence HS | 833 | 33.63% | 1172 | 47.32% | 472 | 19.06% | 2477 | 100.00% |
| Irwin | 88 | 18.11% | 234 | 48.15% | 164 | 33.74% | 486 | 100.00% |
| JW Grier ES | 260 | 33.29% | 521 | 66.71% | | 0.00% | 781 | 100.00% |
| Kennedy MS | 44 | 4.83% | 746 | 81.89% | 121 | 13.28% | 911 | 100.00% |
| Lansdowne ES | 248 | 44.05% | 117 | 20.78% | 198 | 35.17% | 563 | 100.00% |
| Lawrence Orr ES | 711 | 98.89% | 6 | 0.83% | 2 | 0.28% | 719 | 100.00% |
| Lebanon Road ES | 374 | 48.76% | 355 | 46.28% | 38 | 4.95% | 767 | 100.00% |
| Levine Middle College | 27 | 11.02% | 100 | 40.82% | 118 | 48.16% | 245 | 100.00% |
| Long Creek ES | 32 | 6.87% | 432 | 92.70% | 2 | 0.43% | 466 | 100.00% |
| Lake Wylie ES | 16 | 2.37% | 658 | 97.48% | 1 | 0.15% | 675 | 100.00% |
| Lincoln Heights ES | 63 | 64.95% | 29 | 29.90% | 5 | 5.15% | 97 | 100.00% |
| Marie G. Davis | 444 | 65.01% | 225 | 32.94% | 14 | 2.05% | 683 | 100.00% |
| Merry Oaks ES | 628 | 94.15% | 38 | 5.70% | 1 | 0.15% | 667 | 100.00% |
| Mallard Creek ES | 47 | 7.11% | 459 | 69.44% | 155 | 23.45% | 661 | 100.00% |
| James Martin MS | 532 | 51.70% | 475 | 46.16% | 22 | 2.14% | 1029 | 100.00% |
| Matthews ES | 181 | 19.91% | 389 | 42.79% | 339 | 37.29% | 909 | 100.00% |
| Mallard Creek HS | 37 | 1.46% | 1734 | 68.65% | 755 | 29.89% | 2526 | 100.00% |
| McAlpine ES | 14 | 2.93% | 175 | 36.61% | 289 | 60.46% | 478 | 100.00% |
| McClintock ES | 734 | 71.12% | 185 | 17.93% | 113 | 10.95% | 1032 | 100.00% |
| McKee Road ES | 8 | 1.57% | 72 | 14.15% | 429 | 84.28% | 509 | 100.00% |
| Metro | 98 | 43.75% | 93 | 41.52% | 33 | 14.73% | 224 | 100.00% |
| Martin Luther King MS | 802 | 82.51% | 167 | 17.18% | 3 | 0.31% | 972 | 100.00% |
| Mint Hill MS | 127 | 10.63% | 770 | 64.44% | 298 | 24.94% | 1195 | 100.00% |
| Monclair ES | 414 | 93.24% | 30 | 6.76% | | 0.00% | 444 | 100.00% |
| Morehead STEM | 337 | 31.82% | 637 | 60.15% | 85 | 8.03% | 1059 | 100.00% |
| Myers Park HS | 620 | 20.65% | 380 | 12.65% | 2003 | 66.70% | 3003 | 100.00% |
| Myers Park Traditional | 269 | 38.65% | 223 | 32.04% | 204 | 29.31% | 696 | 100.00% |
| Mountain Island Lake Accad | 30 | 3.30% | 535 | 58.86% | 344 | 37.84% | 909 | 100.00% |
| Nations Ford ES | 780 | 98.73% | 9 | 1.14% | 1 | 0.13% | 790 | 100.00% |
| Nathaniel Alexander ES | 530 | 64.24% | 294 | 35.64% | 1 | 0.12% | 825 | 100.00% |
| Northeast MS | 186 | 28.93% | 380 | 59.10% | 77 | 11.98% | 643 | 100.00% |

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|------------------------------|----------|--------|------------|--------|----------|--------|----------------|-----------|
| | Students | Pct | Students | Pct | Students | Pct | | |
| Newell ES | 340 | 39.58% | 514 | 59.84% | 5 | 0.58% | 859 | 100.00% |
| North Meck HS | 836 | 38.40% | 886 | 40.70% | 455 | 20.90% | 2177 | 100.00% |
| Northridge MS | 132 | 19.13% | 556 | 80.58% | 2 | 0.29% | 690 | 100.00% |
| Northwest School of the Arts | 320 | 30.80% | 451 | 43.41% | 268 | 25.79% | 1039 | 100.00% |
| Oakdale ES | 339 | 50.00% | 339 | 50.00% | | 0.00% | 678 | 100.00% |
| Oakhurst ES | 378 | 61.07% | 219 | 35.38% | 22 | 3.55% | 619 | 100.00% |
| Oaklawn | 275 | 49.91% | 237 | 43.01% | 39 | 7.08% | 551 | 100.00% |
| Olympic HS | 102 | 4.02% | 2059 | 81.09% | 378 | 14.89% | 2539 | 100.00% |
| Olde Providence ES | 7 | 0.97% | 43 | 5.94% | 674 | 93.09% | 724 | 100.00% |
| Palisades Park ES | 9 | 1.09% | 550 | 66.59% | 267 | 32.32% | 826 | 100.00% |
| Park Road Montessori | 43 | 10.00% | 134 | 31.16% | 253 | 58.84% | 430 | 100.00% |
| Paw Creek ES | 23 | 4.20% | 522 | 95.43% | 2 | 0.37% | 547 | 100.00% |
| Piedmont IB MS | 290 | 26.78% | 518 | 47.83% | 275 | 25.39% | 1083 | 100.00% |
| Pineville ES | 276 | 34.37% | 487 | 60.65% | 40 | 4.98% | 803 | 100.00% |
| Pinewood | 394 | 80.90% | 63 | 12.94% | 30 | 6.16% | 487 | 100.00% |
| Pineygrove ES | 234 | 29.03% | 572 | 70.97% | | 0.00% | 806 | 100.00% |
| Parkside ES | 5 | 1.26% | 206 | 52.02% | 185 | 46.72% | 396 | 100.00% |
| PLC | 117 | 52.23% | 79 | 35.27% | 28 | 12.50% | 224 | 100.00% |
| Polo Ridge ES | | 0.00% | 6 | 0.59% | 1007 | 99.41% | 1013 | 100.00% |
| Providence Spring ES | | 0.00% | 2 | 0.22% | 924 | 99.78% | 926 | 100.00% |
| Providence HS | 11 | 0.54% | 472 | 23.13% | 1558 | 76.34% | 2041 | 100.00% |
| Quail Hollow MS | 465 | 50.99% | 370 | 40.57% | 77 | 8.44% | 912 | 100.00% |
| Rama Road MS | 426 | 69.27% | 27 | 4.39% | 162 | 26.34% | 615 | 100.00% |
| Randolph IB | 374 | 32.61% | 352 | 30.69% | 421 | 36.70% | 1147 | 100.00% |
| Ranson MS | 581 | 60.33% | 378 | 39.25% | 4 | 0.42% | 963 | 100.00% |
| Reedy Creek ES | 15 | 1.93% | 754 | 97.16% | 7 | 0.90% | 776 | 100.00% |
| Reid Park | 886 | 99.22% | 4 | 0.45% | 3 | 0.34% | 893 | 100.00% |
| Rivergate ES | 4 | 0.50% | 593 | 73.66% | 208 | 25.84% | 805 | 100.00% |
| Ridge Road MS | 24 | 1.93% | 861 | 69.16% | 360 | 28.92% | 1245 | 100.00% |
| River Oaks ES | 8 | 1.37% | 548 | 93.84% | 28 | 4.79% | 584 | 100.00% |
| JM Robinson MS | 9 | 0.79% | 39 | 3.43% | 1090 | 95.78% | 1138 | 100.00% |
| Rocky River HS | 492 | 30.81% | 1047 | 65.56% | 58 | 3.63% | 1597 | 100.00% |
| South Charlotte MS | 3 | 0.34% | 361 | 41.16% | 513 | 58.49% | 877 | 100.00% |
| Sedgefield ES | 292 | 75.06% | 64 | 16.45% | 33 | 8.48% | 389 | 100.00% |
| Sedgefield MS | 599 | 77.49% | 117 | 15.14% | 57 | 7.37% | 773 | 100.00% |
| Selwyn ES | 63 | 7.30% | 126 | 14.60% | 674 | 78.10% | 863 | 100.00% |
| Shamrock Gardens ES | 355 | 71.86% | 45 | 9.11% | 94 | 19.03% | 494 | 100.00% |
| Sharon ES | 5 | 0.60% | 155 | 18.56% | 675 | 80.84% | 835 | 100.00% |
| Smithfield ES | 177 | 27.40% | 315 | 48.76% | 154 | 23.84% | 646 | 100.00% |
| South Meck HS | 1069 | 35.14% | 1128 | 37.08% | 845 | 27.78% | 3042 | 100.00% |
| Southwest MS | 317 | 22.97% | 865 | 62.68% | 198 | 14.35% | 1380 | 100.00% |
| Starmount ES | 442 | 97.36% | 12 | 2.64% | | 0.00% | 454 | 100.00% |
| Statesville Road ES | 534 | 94.85% | 29 | 5.15% | | 0.00% | 563 | 100.00% |
| Sterling ES | 516 | 79.38% | 134 | 20.62% | | 0.00% | 650 | 100.00% |
| Steele Creek ES | 114 | 14.43% | 675 | 85.44% | 1 | 0.13% | 790 | 100.00% |
| Stoney Creek ES | 193 | 25.56% | 562 | 74.44% | | 0.00% | 755 | 100.00% |
| Thomasboro ES | 681 | 97.29% | 19 | 2.71% | | 0.00% | 700 | 100.00% |
| Torrence Creek ES | 14 | 2.39% | 163 | 27.77% | 410 | 69.85% | 587 | 100.00% |
| Trillium Springs ES | 11 | 8.59% | 77 | 60.16% | 40 | 31.25% | 128 | 100.00% |
| Tuckaseegee ES | 447 | 58.43% | 315 | 41.18% | 3 | 0.39% | 765 | 100.00% |

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| Schools | Low SES | | Medium SES | | High SES | | Total Students | Total Pct |
|-----------------------|--------------|---------------|--------------|---------------|--------------|---------------|----------------|----------------|
| | Students | Pct | Students | Pct | Students | Pct | | |
| Turning Point | 191 | 67.02% | 77 | 27.02% | 17 | 5.96% | 285 | 100.00% |
| University Park ES | 318 | 64.11% | 164 | 33.06% | 14 | 2.82% | 496 | 100.00% |
| University Meadows ES | 146 | 22.02% | 461 | 69.53% | 56 | 8.45% | 663 | 100.00% |
| Vance HS | 828 | 49.05% | 815 | 48.28% | 45 | 2.67% | 1688 | 100.00% |
| Westerly Hills | 535 | 99.07% | 4 | 0.74% | 1 | 0.19% | 540 | 100.00% |
| EE Waddell HS | 287 | 20.90% | 542 | 39.48% | 544 | 39.62% | 1373 | 100.00% |
| JV Washam ES | 9 | 0.89% | 444 | 43.70% | 563 | 55.41% | 1016 | 100.00% |
| West Charlotte HS | 1442 | 93.45% | 95 | 6.16% | 6 | 0.39% | 1543 | 100.00% |
| WA Hough HS | 165 | 6.38% | 561 | 21.69% | 1861 | 71.94% | 2587 | 100.00% |
| Whitewater MS | 507 | 60.36% | 330 | 39.29% | 3 | 0.36% | 840 | 100.00% |
| Winget Park ES | 7 | 1.53% | 408 | 89.08% | 43 | 9.39% | 458 | 100.00% |
| Windsor Park ES | 747 | 98.68% | 9 | 1.19% | 1 | 0.13% | 757 | 100.00% |
| Winterfield ES | 662 | 97.93% | 14 | 2.07% | | 0.00% | 676 | 100.00% |
| West Meck HS | 671 | 37.15% | 1116 | 61.79% | 19 | 1.05% | 1806 | 100.00% |
| Winding Springs ES | 651 | 74.23% | 220 | 25.09% | 6 | 0.68% | 877 | 100.00% |
| Whitewater ES | 291 | 37.07% | 493 | 62.80% | 1 | 0.13% | 785 | 100.00% |
| Grand Total | 53067 | 35.96% | 51916 | 35.18% | 42576 | 28.85% | 147559 | 100.00% |