

Virginia Department Of Education

Annual Cost Data Report

2018 - 19 New Elementary School(s)

| Project Number | Project Name                      | Grades | Division Name             | Contract Award Date | Maximum Operating Cap (b) | Building Cost         | Site Cost            | Total Cost (a)        | Total Sq. Feet | Sq. Feet/ Pupil | Total Cost/ Sq. Feet | Building Only Cost/Sq Feet | Total Cost/Pupil |
|----------------|-----------------------------------|--------|---------------------------|---------------------|---------------------------|-----------------------|----------------------|-----------------------|----------------|-----------------|----------------------|----------------------------|------------------|
| 007-18-00-100  | Alice West Fleet Elementary       | PK-5   | Arlington County (007)    | May-18              | 784                       | \$ 41,550,000         | \$ 17,700,000        | \$ 59,250,000         | 212,245        | 271             | \$ 279.16            | \$ 195.76                  | \$ 75,574        |
| 021-91-00-100  | New Harrowgate Elementary         | K-5    | Chesterfield County (021) | Feb-19              | 794                       | \$ 20,062,340         | \$ 2,620,916         | \$ 22,683,256         | 95,944         | 121             | \$ 236.42            | \$ 209.10                  | \$ 28,568        |
| 021-90-00-100  | Old Hundred Elementary            | K-5    | Chesterfield County (021) | Feb-18              | 940                       | \$ 18,998,904         | \$ 5,470,970         | \$ 24,469,874         | 99,921         | 106             | \$ 244.89            | \$ 190.14                  | \$ 26,032        |
| 029-220-00-100 | Northwest County ES - McNair Site | 4-6    | Fairfax County (029)      | Jan-19              | 750                       | \$ 22,080,000         | \$ 5,000,000         | \$ 27,080,000         | 105,652        | 141             | \$ 256.31            | \$ 208.99                  | \$ 36,107        |
| 034-56-00-100  | Twelfth Elementary School         | K-5    | Frederick County (034)    | Sep-18              | 648                       | \$ 20,993,928         | \$ 2,543,885         | \$ 23,537,813         | 84,375         | 130             | \$ 278.97            | \$ 248.82                  | \$ 36,324        |
| <b>Total</b>   |                                   |        |                           |                     | <b>3,916</b>              | <b>\$ 123,685,172</b> | <b>\$ 33,335,771</b> | <b>\$ 157,020,943</b> | <b>598,137</b> |                 |                      |                            |                  |

**Statewide Average** **153** **\$ 262.52** **\$ 206.78** **\$ 40,097**

(a) Usually includes construction, site development, water system, sewage disposal, built-in equipment and demolition. A ; E fees, value engineering, construction management fees, cost of site, loose equipment, and furniture are excluded.

(b) Pre-kindergarten classrooms counted at 16 students, grades K-3 classrooms counted at 24:1, Grades 4-5 counted at 25:1.

( c ) See Appendix A for project specific comments

Virginia Department Of Education

Annual Cost Data Report

2018 - 19 New Middle School(s)

| Project Number           | Project Name                            | Grades | Division Name               | Contract Award Date | Maximum Operating Cap (b) | Building Cost         | Site Cost            | Total Cost (a)        | Total Sq. Feet | Sq. Feet/ Pupil | Total Cost/ Sq. Feet | Building Only Cost/Sq Feet | Total Cost/Pupil |
|--------------------------|---|--------|-----------------------------|---------------------|---------------------------|-----------------------|----------------------|-----------------------|----------------|-----------------|----------------------|----------------------------|------------------|
| 021-60-00-102            | Manchester Middle School                | 6-8    | Chesterfield County (021)   | Oct-18              | 1,108                     | \$ 35,293,004         | \$ 4,683,944         | \$ 39,976,948         | 139,011        | 125             | \$ 287.58            | \$ 253.89                  | \$ 36,080        |
| 075-114-01-100           | Potomac Shores Middle School            | 6-8    | Prince William County (075) | Nov-18              | 1,491                     | \$ 45,474,000         | \$ 7,000,000         | \$ 52,474,000         | 197,954        | 133             | \$ 265.08            | \$ 229.72                  | \$ 35,194        |
| 077-30-00-100            | Pulaski County Middle School            | 6-8    | Pulaski County (077)        | Oct-18              | 1,091                     | \$ 33,868,896         | \$ 6,887,094         | \$ 40,755,990         | 164,900        | 151             | \$ 247.16            | \$ 205.39                  | \$ 37,357        |
| 128-75-01-100            | Princess Anne Middle School Replacement | 6-8    | Virginia Beach City (128)   | Jun-18              | 1,516                     | \$ 57,680,024         | \$ 7,147,194         | \$ 64,827,218         | 257,784        | 170             | \$ 251.48            | \$ 223.75                  | \$ 42,762        |
| <b>Total</b>             |   |        |                             |                     | <b>5,206</b>              | <b>\$ 172,315,924</b> | <b>\$ 25,718,232</b> | <b>\$ 198,034,156</b> | <b>759,649</b> |                 |                      |                            |                  |
| <b>Statewide Average</b> |   |        |                             |                     |                           |                       |                      |                       |                | <b>146</b>      | <b>\$ 260.69</b>     | <b>\$ 226.84</b>           | <b>\$ 38,040</b> |

(a) Usually includes construction, site development, water system, sewage disposal, built-in equipment and demolition. A E fees, value engineering, construction management fees, cost of site, loose equipment, and furniture are excluded.

(b) State SOL capacity based on a pupil teacher ratio of 25:1 in core classrooms.

( c ) See Appendix A for project specific comments

Virginia Department Of Education

Annual Cost Data Report

2018 - 19 New High School(s)

| Project Number           | Project Name                  | Grades | Division Name               | Contract Award Date | Maximum Operating Cap (b) | Building Cost         | Site Cost            | Total Cost (a)        | Total Sq. Feet | Sq. Feet/ Pupil | Total Cost/ Sq. Feet | Building Only Cost/Sq Feet | Total Cost/Pupil |
|--------------------------|-------------------------------|--------|-----------------------------|---------------------|---------------------------|-----------------------|----------------------|-----------------------|----------------|-----------------|----------------------|----------------------------|------------------|
| 053-113-02-100           | Lightridge High School (HS-9) | 9-12   | Loudoun County (053)        | Jul-18              | 1,903                     | \$ 87,875,296         | \$ 22,330,000        | \$ 110,205,296        | 305,133        | 160             | \$ 361.17            | \$ 287.99                  | \$ 57,911        |
| 075-115-00-100           | 13th High School              | 9-12   | Prince William County (075) | Nov-18              | 2,601                     | \$ 85,500,000         | \$ 23,000,000        | \$ 108,500,000        | 334,885        | 129             | \$ 323.99            | \$ 255.31                  | \$ 41,715        |
| <b>Total</b>             |                               |        |                             |                     | <b>4,504</b>              | <b>\$ 173,375,296</b> | <b>\$ 45,330,000</b> | <b>\$ 218,705,296</b> | <b>640,018</b> |                 |                      |                            |                  |
| <b>Statewide Average</b> |                               |        |                             |                     |                           |                       |                      |                       |                | <b>142</b>      | <b>\$ 341.72</b>     | <b>\$ 270.89</b>           | <b>\$ 48,558</b> |

(a) Usually includes construction, site development, water system, sewage disposal, built-in equipment and demolition. A E fees, value engineering, construction management fees, cost of site, loose equipment and furniture are excluded.

(b) State operating capacity is generally based on PTR of 25:1, in all program areas X 90%.

( c ) See Appendix A for project specific comments

Virginia Department Of Education

Annual Cost Data Report

2018 - 19 New Combined or Other Schools put Under Contract

| Project Number           | Project Name  | Grades | Division Name          | Contract Award Date | Maximum Operating Cap (b) | Building Cost        | Site Cost           | Total Cost (a)       | Total Sq. Feet | Sq. Feet/ Pupil | Total Cost/ Sq. Feet | Building Only Cost/Sq Feet | Total Cost/Pupil  |
|--------------------------|---------------|--------|------------------------|---------------------|---------------------------|----------------------|---------------------|----------------------|----------------|-----------------|----------------------|----------------------------|-------------------|
| 007-12-00-100            | Wilson School | 6-12   | Arlington County (007) | Jan-18              | 775                       | \$ 77,204,488        | \$ 4,276,876        | \$ 81,481,364        | 181,803        | 235             | \$ 448.18            | \$ 424.66                  | \$ 105,137        |
| <b>Total</b>             |               |        |                        |                     | <b>775</b>                | <b>\$ 77,204,488</b> | <b>\$ 4,276,876</b> | <b>\$ 81,481,364</b> | <b>181,803</b> |                 |                      |                            |                   |
| <b>Statewide Average</b> |               |        |                        |                     |                           |                      |                     |                      |                | <b>235</b>      | <b>\$ 448.18</b>     | <b>\$ 424.66</b>           | <b>\$ 105,137</b> |

(a) Usually includes construction, site development, water system, sewage disposal, built-in equipment and demolition. A E fees, value engineering, construction management fees, cost of site, loose equipment and furniture are excluded.

(b) State operating capacity is generally based on PTR of 25:1, in core classrooms.

( c ) See Appendix A for project specific comments

**Virginia Department Of Education**

**Annual Cost Data Report**

**2018 - 19 Additions and Renovation Projects Under Contract**

| <b>Project Number</b> | <b>Project Name</b>   | <b>Division Name</b>        | <b>Contract Award Date</b> | <b>Total Construction Cost (a)</b> | <b>Total Sq. Feet</b> | <b>Total Cost/ Sq. Feet</b> |
|-----------------------|---|-----------------------------|----------------------------|------------------------------------|-----------------------|-----------------------------|
| 102-10-00-101         | Van Pelt Renovation   | Bristol City (102)          | May-18                     | \$ 157,869                         | 5,069                 | \$ 31.14                    |
| 029-68-00-101         | Bush Hill Elementary Modular Addition                                   | Fairfax County (029)        | Jan-19                     | \$ 1,948,800                       | 11,792                | \$ 165.26                   |
| 029-168-00-101        | Silverbrook Elementary Additions & Renovations                          | Fairfax County (029)        | Feb-19                     | \$ 19,994,000                      | 104,085               | \$ 192.09                   |
| 029-26-00-101         | Clearview ES Renovation/Additions                                       | Fairfax County (029)        | Dec-18                     | \$ 20,150,000                      | 98,358                | \$ 204.86                   |
| 029-164-00-101        | Mount Vernon Woods Elemeantray Additions & Renovations                  | Fairfax County (029)        | Mar-18                     | \$ 16,750,000                      | 92,950                | \$ 180.20                   |
| 029-56-00-101         | BELLE VIEW ES ADDITION/RENOVATION                                       | Fairfax County (029)        | Oct-18                     | \$ 20,790,000                      | 97,304                | \$ 213.66                   |
| 029-136-00-101        | Annandale Terrace ES Renovation/Additions                               | Fairfax County (029)        | Nov-18                     | \$ 20,945,000                      | 101,044               | \$ 207.29                   |
| 111-01-00-101         | Galax Elementary Addition & Renovation                                  | Galax City (111)            | May-18                     | \$ 15,521,540                      | 104,506               | \$ 148.52                   |
| 113-11-00-101         | Smithland ES Addition Early Learning Center                             | Harrisonburg City (113)     | May-16                     | \$ 6,200,000                       | 15,988                | \$ 387.79                   |
| 046-01-00-101         | Windsor Elementary Additions (HS Farm Buildings)                        | Isle of Wight County (046)  | Feb-18                     | \$ 925,000                         | 5,482                 | \$ 168.73                   |
| 053-13-00-101         | Lucketts Elementary Addition and Renovations                            | Loudoun County (053)        | Jan-19                     | \$ 3,300,917                       | 6,323                 | \$ 522.05                   |
| 117-108-00-101        | Hilton Elementary HVAC Replacement                                      | Newport News City (117)     | Jun-19                     | \$ 1,747,000                       | 47,800                | \$ 36.55                    |
| 124-34-00-101         | Lincoln Terrace Elementary Security Renovations                         | Roanoke City (124)          | Jun-19                     | \$ 173,400                         | 112                   | \$ 1,548.21                 |
| 124-38-00-101         | Fishburn Park ES - Security Upgrades                                    | Roanoke City (124)          | Dec-18                     | \$ 349,000                         | 451                   | \$ 773.84                   |
| 124-37-00-101         | Monterey ES - Security Upgrades   | Roanoke City (124)          | Apr-19                     | \$ 262,500                         | 1,217                 | \$ 215.69                   |
| 124-06-00-101         | Morningside Elementary Security Renovations                             | Roanoke City (124)          | May-19                     | \$ 529,500                         | 2,450                 | \$ 216.12                   |
| 082-94-00-101         | Fulks Run Elementary Additions and Renovations                          | Rockingham County (082)     | Feb-19                     | \$ 6,257,427                       | 35,170                | \$ 177.92                   |
| 082-96-00-101         | John C. Myers Elementary Renovations                                    | Rockingham County (082)     | Feb-19                     | \$ 13,343,405                      | 81,703                | \$ 163.32                   |
| 085-81-00-101         | Sandy Hook Elementary Gym Addition                                      | Shenandoah County (085)     | May-18                     | \$ 512,310                         | 4,500                 | \$ 113.85                   |
| 089-06-00-101         | Rockhill ES HVAC Replacement  | Stafford County (089)       | Apr-19                     | \$ 2,689,000                       | 76,438                | \$ 35.18                    |
| 002-01-01-101         | Sutherland Middle Modernization   | Albemarle County (002)      | May-18                     | \$ 658,100                         | 10,731                | \$ 61.33                    |
| 002-06-09-101         | Burley Middle School Renovations  | Albemarle County (002)      | Jun-18                     | \$ 555,769                         | 4,800                 | \$ 115.79                   |
| 002-94-02-102         | Henley MS Security Addition and Renovations                             | Albemarle County (002)      | May-18                     | \$ 2,188,360                       | 12,975                | \$ 168.66                   |
| 021-53-01-101         | Matoaca Middle School Addition  | Chesterfield County (021)   | Oct-18                     | \$ 10,605,425                      | 38,255                | \$ 277.23                   |
| 029-35-00-101         | Hughes MS Renovations/Additions   | Fairfax County (029)        | Apr-19                     | \$ 41,388,000                      | 183,556               | \$ 225.48                   |
| 048-01-00-101         | King George Middle School Renovation                                    | King George County (048)    | May-18                     | \$ 18,371,500                      | 167,516               | \$ 109.67                   |
| 124-28-00-101         | Addison Aerospace SC Magnet   | Roanoke City (124)          | Mar-19                     | \$ 140,085                         | 1,927                 | \$ 72.70                    |
| 002-88-00-103         | Albemarle High School Modernization                                     | Albemarle County (002)      | Apr-18                     | \$ 1,344,300                       | 12,500                | \$ 107.54                   |
| 002-14-00-101         | Western Albemarle High School Addition/Modernization                    | Albemarle County (002)      | May-18                     | \$ 4,607,041                       | 20,200                | \$ 228.07                   |
| 002-89-00-103         | Murray High School Security Improvements                                | Albemarle County (002)      | Apr-18                     | \$ 604,400                         | 3,200                 | \$ 188.88                   |
| 020-46-00-102         | Randolph Henry High Restroom/Wall Renovations                           | Charlotte County (020)      | May-18                     | \$ 450,511                         | 1,144                 | \$ 393.80                   |
| 106-04-00-102         | Colonial Heights High School Locker Renovations                         | Colonial Heights City (106) | Jun-18                     | \$ 1,339,309                       | 7,435                 | \$ 180.14                   |
| 029-171-00-101        | Oakton High Renovations and Additions                                   | Fairfax County (029)        | Apr-18                     | \$ 89,775,000                      | 409,661               | \$ 219.14                   |
| 046-03-00-102         | Smithfield High Additions & Renovations                                 | Isle of Wight County (046)  | Aug-17                     | \$ 2,375,184                       | 16,912                | \$ 140.44                   |
| 046-25-00-102         | Windsor High Addition   | Isle of Wight County (046)  | Aug-17                     | \$ 541,500                         | 1,680                 | \$ 322.32                   |
| 046-03-00-103         | Smithfield High Renovations   | Isle of Wight County (046)  | Feb-18                     | \$ 2,775,000                       | 16,765                | \$ 165.52                   |
| 080-47-00-101         | Cave Spring High School Addition & Renovation                           | Roanoke County (080)        | Oct-18                     | \$ 34,791,190                      | 175,645               | \$ 198.08                   |
| 126-12-00-101         | STAUNTON HIGH SCHOOL RENOVATIONS AND ADDITIONS                          | Staunton City (126)         | Apr-19                     | \$ 43,963,758                      | 193,548               | \$ 227.15                   |
| 130-60-00-101         | Waynesboro High School Renovation/Addition                              | Waynesboro City (130)       | Aug-18                     | \$ 14,272,000                      | 164,730               | \$ 86.64                    |
| 089-45-00-101         | Renovate Early Childhood Special Education - Head Start Northern Campus | Stafford County (089)       | Jan-19                     | \$ 2,107,000                       | 39,000                | \$ 54.03                    |

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2018 - 19 Additions and Renovation Projects Under Contract

| Project Number           | Project Name | Division Name | Contract Award Date | Total Construction Cost (a) | Total Sq. Feet | Total Cost/ Sq. Feet |
|--------------------------|--------------|---------------|---------------------|-----------------------------|----------------|----------------------|
| <b>Total</b>             |              |               |                     | \$ 425,400,100              | 2,374,922      |                      |
| <b>Statewide Average</b> |              |               |                     |                             |                | \$ 179.12            |

(a) Construction cost may include both new construction and renovated cost within the same project.

(b) See Appendix A for project specific comments.

Virginia Department Of Education

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No Data Available - No PPEA Project Delivery Method put under contract.

## Appendix A

Western Albemarle High School Addition/Modernization (002-14-00-101) : Project includes an 8,000 SF addition, 11,000 SF of renovation, & 1,200 SF maintenance shed.

Burley Middle School Renovations (002-06-09-101) : Modernization of 2 science labs and upgrade finishes

Sutherland Middle Modernization (002-01-01-101) : Renovations to selected classrooms

Albemarle High School Modernization (002-88-00-103) : Existing science labs and classrooms to be modernized and enlarged.

Murray High School Security Improvements (002-89-00-103) : Reconfigure main entrance and administrative offices.

Wilson School (007-12-00-100) : A multistory high rise school building; site cost are high given the very small urban site.

Alice West Fleet Elementary (007-18-00-100) : Building cost and square footage include a 2-level underground garage, approximately 100,600 SF, Also, site cost are higher given the small urban site and adjacent facilities

Randolph Henry High Restroom/Wall Renovations (020-46-00-102) : Cost is high due to limited amount of square footage included in project.

Old Hundred Elementary (021-90-00-100) : Site cost include \$595,815 for site roadway improvements.

Manchester Middle School (021-60-00-102) : Site cost included building demolition and removal of hazardous materials of the former middle school

Matoaca Middle School Addition (021-53-01-101) : Site cost include special site cost of \$1,471,450 for VDOT off-site roadwork

Lightridge High School (HS-9) (053-113-02-100) : Site cost are higher since the HS is located at the back of the site making for longer runs for roads and utilities, site work also includes major highway improvements and a sewage pumping station.

Lucketts Elementary Addition and Renovations (053-13-00-101) : Project includes a 3 classroom addition (5,354 SF) renovations including switchgear replacement (166sf), security system, fire alarm, clock system, office renovation (552 sf), and entrance renovation (251 sf).

Pulaski County Middle School (077-30-00-100) : This cost does not include an earlier grading package on this site.

Rockhill ES HVAC Replacement (089-06-00-101) : Mechanical System upgrade (Air Handlers, VAVs, Boiler, BAS, Upgrade to Mech Yard)

Van Pelt Renovation (102-10-00-101) : Project cost included owner provided labor cost.

Smithland ES Addition Early Learning Center (113-11-00-101) : This is a LEED Gold Building with a geothermal mechanical system. 100% LED lighting.

Hilton Elementary HVAC Replacement (117-108-00-101) : Mechanical System Upgrade (new boilers) and lighting

Fishburn Park ES - Security Upgrades (124-38-00-101) : Construction cost is high due to project consisting of 100 SF for a new vestibule and 341 LF for screening / fencing

Addison Aerospace SC Magnet (124-28-00-101) : Project consists of 1927 SF for a new vestibule

Monterey ES - Security Upgrades (124-37-00-101) : Project consists of 1126 SF for a new vestibule and 91 LF for screening / fencing

Morningside Elementary Security Renovations (124-06-00-101) : Security upgrades to convert the library into a security vestibule and administrative offices. The former office will be renovated into the new library.

Lincoln Terrace Elementary Security Renovations (124-34-00-101) : Construction cost is high due to project consisting of 72 linear feet of fencing / screening with two egress gates.

Princess Anne Middle School Replacement (128-75-01-100) : Site construction includes \$1,079,594 for site demo.