

Virginia Department Of Education

Annual Cost Data Report

2016 - 17 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
202-01-00-102	Colonial Beach Elementary	PK-7	Colonial Beach (202)	Jul-16	442	\$ 7,160,934	\$ 766,066	\$ 7,927,000	50,079	113	\$ 158.29	\$ 142.99	\$ 17,934
029-05-02-100	Fort Belvoir Elementary School II	PK-6	Fairfax County (029)	Apr-15	576	\$ 17,330,700	\$ 4,840,320	\$ 22,171,020	95,341	166	\$ 232.54	\$ 181.78	\$ 38,491
113-12-00-100	New Harrisonburg Elementary	K-5	Harrisonburg City (113)	Mar-16	916	\$ 21,414,376	\$ 4,496,390	\$ 25,910,766	103,703	113	\$ 249.86	\$ 206.50	\$ 28,287
044-05-01-100	Meadow View Elementary	PK-5	Henry County (044)	Jul-16	776	\$ 19,691,800	\$ 963,900	\$ 20,655,700	96,000	124	\$ 215.16	\$ 205.12	\$ 26,618
053-37-00-101	Loudoun Elementary-ES 28	K-5	Loudoun County (053)	Feb-17	988	\$ 24,310,000	\$ 4,000,000	\$ 28,310,000	136,200	138	\$ 207.86	\$ 178.49	\$ 28,654
075-113-01-100	Potomac Shores ES	K-5	Prince William County (075)	Mar-16	889	\$ 16,646,000	\$ 4,185,000	\$ 20,831,000	101,246	114	\$ 205.75	\$ 164.41	\$ 23,432
127-09-00-100	Northern Suffolk Elementary (Bowser Replacement)	PK-5	Suffolk City (127)	Jun-16	984	\$ 18,190,000	\$ 2,630,000	\$ 20,820,000	114,881	117	\$ 181.23	\$ 158.34	\$ 21,159
<b>Total</b>					<b>5,571</b>	<b>\$ 124,743,810</b>	<b>\$ 21,881,676</b>	<b>\$ 146,625,486</b>	<b>697,450</b>				
<b>Statewide Average</b>										<b>125</b>	<b>\$ 210.23</b>	<b>\$ 178.86</b>	<b>\$ 26,319</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) 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

2016 - 17 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
010-06-00-100	New Bedford Middle School	6-8	Bedford County (010)	Nov-16	754	\$ 23,098,130	\$ 5,701,235	\$ 28,799,365	123,822	164	\$ 232.59	\$ 186.54	\$ 38,195
053-36-00-100	Middle School MS-7-Loudoun	6-8	Loudoun County (053)	Feb-17	1,354	\$ 44,126,500	\$ 6,938,500	\$ 51,065,000	185,251	137	\$ 275.65	\$ 238.20	\$ 37,714
127-48-00-100	Northern Suffolk Middle School	6-8	Suffolk City (127)	Jun-16	779	\$ 22,460,000	\$ 2,715,000	\$ 25,175,000	125,220	161	\$ 201.05	\$ 179.36	\$ 32,317
131-02-00-100	James Blair Middle	6-8	Williamsburg-James City County (131)	Sep-16	605	\$ 20,137,000	\$ 1,877,735	\$ 22,014,735	110,871	183	\$ 198.56	\$ 181.63	\$ 36,388
<b>Total</b>					<b>3,492</b>	<b>\$ 109,821,630</b>	<b>\$ 17,232,470</b>	<b>\$ 127,054,100</b>	<b>545,164</b>				
<b>Statewide Average</b>										<b>156</b>	<b>\$ 233.06</b>	<b>\$ 201.45</b>	<b>\$ 36,384</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

2016 - 17 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
053-111-00-100	HS-11	9-12	Loudoun County (053)	Mar-17	1,956	\$ 81,757,248	\$ 10,066,750	\$ 91,823,998	282,000	144	\$ 325.62	\$ 289.92	\$ 46,945
<b>Total</b>					<b>1,956</b>	<b>\$ 81,757,248</b>	<b>\$ 10,066,750</b>	<b>\$ 91,823,998</b>	<b>282,000</b>				
<b>Statewide Average</b>										<b>144</b>	<b>\$ 325.62</b>	<b>\$ 289.92</b>	<b>\$ 46,945</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

2016 - 17 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
053-109-00-100	Academies of Loudoun	9-12	Loudoun County (053)	Oct-15	1,250	\$ 77,000,000	\$ 9,500,000	\$ 86,500,000	319,000	255	\$ 271.16	\$ 241.38	\$ 69,200
075-01-01-100	Alternative Education School	1-12	Prince William County (075)	Jun-16	480	\$ 23,383,520	\$ 3,796,418	\$ 27,179,938	122,659	256	\$ 221.59	\$ 190.64	\$ 56,625
082-95-01-100	Dayton Learning Center	6-12	Rockingham County (082)	Feb-17	180	\$ 4,095,912	\$ 727,388	\$ 4,823,300	19,544	109	\$ 246.79	\$ 209.57	\$ 26,796
<b>Total</b>					<b>1,910</b>	<b>\$ 104,479,432</b>	<b>\$ 14,023,806</b>	<b>\$ 118,503,238</b>	<b>461,203</b>				
<b>Statewide Average</b>										<b>241</b>	<b>\$ 256.94</b>	<b>\$ 226.54</b>	<b>\$ 62,044</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

2016 - 17 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
001-60-00-101	Kegotank Elementary Gym Addition	Accomack County (001)	Jan-17	\$ 1,150,299	6,133	\$ 187.56
002-93-00-101	Woodbrook ES Addition and Modernization	Albemarle County (002)	May-17	\$ 13,615,405	40,000	\$ 340.39
007-35-00-101	Abingdon Elementary Additions & Renovations	Arlington County (007)	May-16	\$ 21,728,249	106,630	\$ 203.77
029-40-00-101	White Oaks Elementary Additions and Renovations	Fairfax County (029)	Oct-16	\$ 17,263,000	95,386	\$ 180.98
029-108-00-101	Waynewood Elementary Addition and Renovations	Fairfax County (029)	Jan-17	\$ 17,382,000	89,904	\$ 193.34
029-47-00-101	Newington Forest Elementary Additions and Renovations	Fairfax County (029)	Apr-16	\$ 15,350,000	90,020	\$ 170.52
029-133-00-101	Hollin Meadows ES Renewal and Additions	Fairfax County (029)	Nov-16	\$ 17,384,258	93,203	\$ 186.52
029-48-00-101	Cherry Run Elementary Additions & Renovations	Fairfax County (029)	Apr-16	\$ 13,694,848	83,532	\$ 163.95
029-37-00-101	Forestville ES Additions & Renovations	Fairfax County (029)	Apr-16	\$ 13,990,018	85,286	\$ 164.04
053-34-00-101	Pinebrook Elementary Classroom Addition	Loudoun County (053)	Mar-17	\$ 1,671,140	4,779	\$ 349.68
053-61-00-101	Arcola Elementary Classroom Addition	Loudoun County (053)	Mar-17	\$ 1,671,140	4,779	\$ 349.68
053-54-00-101	Creighton's Corner Elementary Addition	Loudoun County (053)	Mar-17	\$ 1,671,140	4,779	\$ 349.68
053-55-00-101	Rosa Lee Carter Classroom Addition	Loudoun County (053)	Mar-17	\$ 1,671,140	4,779	\$ 349.68
053-56-00-101	Liberty Elementary Classroom Addition	Loudoun County (053)	Mar-17	\$ 1,671,140	4,779	\$ 349.68
053-43-00-101	Legacy Classroom Addition	Loudoun County (053)	Mar-17	\$ 1,671,140	4,779	\$ 349.68
117-120-00-101	Sedgefield Elementary HVAC Replacement	Newport News City (117)	Jul-15	\$ 2,584,999	57,761	\$ 44.75
117-117-00-101	Carver Elementary HVAC Replacement	Newport News City (117)	Nov-16	\$ 2,685,058	69,492	\$ 38.64
117-115-00-101	Riverside Elementary HVAC Replacement	Newport News City (117)	Jul-15	\$ 2,494,184	52,918	\$ 47.13
117-118-00-101	Lee Hall Elementary HVAC Replacement	Newport News City (117)	Jan-17	\$ 2,589,400	78,250	\$ 33.09
075-74-00-102	Westridge Elementary Renovations	Prince William County (075)	Feb-16	\$ 5,748,000	70,599	\$ 81.42
075-33-00-102	Henderson ES Addition	Prince William County (075)	Apr-16	\$ 4,993,000	19,660	\$ 253.97
075-73-00-101	McAuliffe ES Additions & Renovations	Prince William County (075)	Apr-16	\$ 7,120,000	59,517	\$ 119.63
075-70-00-101	Neabsco Elementary Addition	Prince William County (075)	Feb-16	\$ 4,647,000	19,146	\$ 242.71
075-77-00-102	Mullen Elementary Renovations	Prince William County (075)	Feb-16	\$ 5,177,000	63,118	\$ 82.02
075-76-00-101	Antietam ES Additions & Renovations	Prince William County (075)	Apr-16	\$ 7,847,000	62,334	\$ 125.89
075-60-00-101	Belmont Elementary Addition	Prince William County (075)	Mar-16	\$ 5,934,000	28,851	\$ 205.68
080-65-00-102	Glen Cove Elementary Security Improvements	Roanoke County (080)	Apr-17	\$ 101,316	407	\$ 248.93
080-06-00-102	Cundiff Elementary Security Improvements	Roanoke County (080)	Apr-17	\$ 101,825	407	\$ 250.18
082-95-00-101	Pleasant Valley Elementary Renovations and Additions	Rockingham County (082)	Feb-17	\$ 7,249,700	54,559	\$ 132.88
082-97-00-101	John Wayland Elementary Renovations & Addition	Rockingham County (082)	Jan-17	\$ 9,902,700	72,676	\$ 136.26
098-22-00-101	Waller Mill Elementary Renovation & Additions	York County (098)	Aug-15	\$ 7,523,319	60,151	\$ 125.07
002-02-00-101	Walton Middle Learning Lab Renovation	Albemarle County (002)	Apr-17	\$ 432,470	4,400	\$ 98.29
002-95-00-101	Jouett Middle Entrance Addition	Albemarle County (002)	Jul-16	\$ 587,250	1,658	\$ 354.19
002-95-00-102	Jouett Middle Learning Lab Renovation	Albemarle County (002)	Apr-17	\$ 550,760	5,700	\$ 96.62
021-69-00-101	Providence Middle Additions and Renovations	Chesterfield County (021)	Sep-16	\$ 22,642,480	131,282	\$ 172.47
029-117-00-101	Glasgow Middle Modular Addition	Fairfax County (029)	May-17	\$ 1,744,000	11,825	\$ 147.48
072-01-01-102	Powhatan Middle School	Powhatan County (072)	Nov-16	\$ 30,084,000	141,724	\$ 212.27
075-72-00-101	Lake Ridge Middle Additions Renovations	Prince William County (075)	Mar-16	\$ 5,599,000	159,901	\$ 35.02
075-38-00-101	Saunders Middle School Renovation	Prince William County (075)	Apr-16	\$ 12,286,000	137,088	\$ 89.62
002-88-00-102	Albemarle High Classroom HVAC/Renovations	Albemarle County (002)	Apr-17	\$ 966,400	16,396	\$ 58.94
010-118-00-101	Liberty High School Gym Addition	Bedford County (010)	Nov-16	\$ 4,643,750	19,654	\$ 236.28
029-199-00-101	South Lakes High School Addition	Fairfax County (029)	Oct-16	\$ 8,298,000	38,959	\$ 212.99
029-161-00-101	West Springfield HS Renovation and Additions	Fairfax County (029)	Jun-16	\$ 71,770,002	389,109	\$ 184.45
046-25-00-101	Windsor High Addition & Renovations 1	Isle of Wight County (046)	Jun-17	\$ 687,232	6,400	\$ 107.38
060-28-00-101	East Montgomery High School Addition	Montgomery County (060)	Feb-17	\$ 276,550	1,544	\$ 179.11

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2016 - 17 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
089-03-00-103	North Stafford HS Library Renovation	Stafford County (089)	Apr-17	\$ 1,925,516	9,500	\$ 202.69
131-09-01-101	Lafayette High Gym Addition	Williamsburg-James City County (131)	Jun-17	\$ 2,195,400	10,923	\$ 200.99
108-21-00-101	George Washington HS Career & Tech Renovation	Danville City (108)	Feb-17	\$ 1,653,500	12,972	\$ 127.47
110-03-02-101	Original Walker-Grant Renovation/Walker-Grant Center	Fredericksburg City (110)	Jun-15	\$ 11,475,000	54,206	\$ 211.69
<b>Total</b>				<b>\$ 396,100,728</b>	<b>2,641,855</b>	<b>\$ 149.93</b>
<b>Statewide Average</b>						<b>\$ 149.93</b>

(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

Annual Cost Data Report

2016 - 17 PPEA Project Delivery Method put under contract

Project Number	Project Name	Division Name
110-03-02-101	Original Walker-Grant Renovation/Walker-Grant Center	Fredericksburg City (110)
117-120-00-101	Sedgefield Elementary HVAC Replacement	Newport News City (117)
117-115-00-101	Riverside Elementary HVAC Replacement	Newport News City (117)

## Appendix A

Jouett Middle Entrance Addition (002-95-00-101) : Construction cost are high do to limited area of the project

New Bedford Middle School (010-06-00-100) : Higher site cost due impart, to new access road and required bridge work.

Fort Belvoir Elementary School II (029-05-02-100) : New school built on military base site, security gates and exterior wall security enhancements required by DOD. Line item 3 contains water line and security gate site development cost.

Middle School MS-7-Loudoun (053-36-00-100) : Construction cost are higher due to shorten construction period (15 months) and a tight bid market.

Creighton's Corner Elementary Addition (053-54-00-101) : This cost is one-sixth of a combined bid to build the same addition at five other schools

Legacy Classroom Addition (053-43-00-101) : This cost is one-sixth of a combined bid to build the same addition at five other schools

Rosa Lee Carter Classroom Addition (053-55-00-101) : This cost is one-sixth of a combined bid to build the same addition at five other schools

Liberty Elementary Classroom Addition (053-56-00-101) : This cost is one-sixth of a combined bid to build the same addition at five other schools

Pinebrook Elementary Classroom Addition (053-34-00-101) : This cost is one-sixth of a combined bid to build the same addition at five other schools

Powhatan Middle School (072-01-01-102) : \$575,300 in site cost was omitted as it was for a concession building, added parking lot at the adjacent elementary school, and a 12" water line to offsite water line.

Dayton Learning Center (082-95-01-100) : Total cost include a contract for \$160,000 for data cabling

New Harrisonburg Elementary (113-12-00-100) : This school building is certified LEED Gold. A \$429,000 cost for off site road improvements was not included.

James Blair Middle (131-02-00-100) : Portion of existing building pad and office reused, line item 3 includes building demo and asbestos abatement.

Colonial Beach Elementary (202-01-00-102) : The kitchen alternate was accepted. Site work is limited for this project.