

Virginia Department Of Education

Annual Cost Data Report

2019 - 20 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
007-22-00-100	New Elementary School-Reed Site	PK-5	Arlington County (007)	Sep-19	754	\$ 36,185,302	\$ 6,431,990	\$ 42,617,292	111,516	148	\$ 382.16	\$ 324.49	\$ 56,522
012-48-00-100	New Colonial Elementary	PK-5	Botetourt County (012)	Aug-19	538	\$ 19,770,040	\$ 2,633,382	\$ 22,403,422	78,723	146	\$ 284.59	\$ 251.13	\$ 41,642
021-11-01-100	Matoaca Elementary School	K-5	Chesterfield County (021)	Mar-19	794	\$ 20,519,968	\$ 4,834,769	\$ 25,354,737	92,802	117	\$ 273.21	\$ 221.12	\$ 31,933
021-70-00-100	Reams Elementary School Replacement	K-5	Chesterfield County (021)	Aug-19	794	\$ 20,390,220	\$ 5,194,780	\$ 25,585,000	95,944	121	\$ 266.67	\$ 212.52	\$ 32,223
021-35-00-100	Ettrick Elementary School Replacement	K-5	Chesterfield County (021)	Aug-19	794	\$ 20,873,330	\$ 3,700,309	\$ 24,573,639	95,944	121	\$ 256.12	\$ 217.56	\$ 30,949
021-56-00-100	Crestwood Elementary School Replacement	K-5	Chesterfield County (021)	Jun-19	794	\$ 20,655,582	\$ 3,741,418	\$ 24,397,000	95,944	121	\$ 254.28	\$ 215.29	\$ 30,727
053-113-01-100	Loudoun Elementary ES-29	K-5	Loudoun County (053)	Mar-20	996	\$ 26,176,000	\$ 5,993,545	\$ 32,169,545	110,400	111	\$ 291.39	\$ 237.10	\$ 32,299
053-115-01-100	ES-23	K-5	Loudoun County (053)	Mar-20	996	\$ 29,430,000	\$ 4,864,633	\$ 34,294,633	113,583	114	\$ 301.93	\$ 259.11	\$ 34,432
128-40-00-100	Thoroughgood Elementary School Replacement	K-5	Virginia Beach City (128)	Aug-18	778	\$ 23,029,166	\$ 4,359,225	\$ 27,388,391	91,913	118	\$ 297.98	\$ 250.55	\$ 35,204
<b>Total</b>					<b>7,238</b>	<b>\$ 217,029,608</b>	<b>\$ 41,754,051</b>	<b>\$ 258,783,659</b>	<b>886,769</b>				
<b>Statewide Average</b>										<b>123</b>	<b>\$ 291.83</b>	<b>\$ 244.74</b>	<b>\$ 35,753</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

2019 - 20 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
034-57-00-100	New Aylor Middle School	6-8	Frederick County (034)	Apr-19	1,050	\$ 34,219,932	\$ 7,141,827	\$ 41,361,759	151,154	144	\$ 273.64	\$ 226.39	\$ 39,392
<b>Total</b>					<b>1,050</b>	<b>\$ 34,219,932</b>	<b>\$ 7,141,827</b>	<b>\$ 41,361,759</b>	<b>151,154</b>				
<b>Statewide Average</b>										<b>144</b>	<b>\$ 273.64</b>	<b>\$ 226.39</b>	<b>\$ 39,392</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

2019 - 20 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
095-33-00-100	Washington and Lee High School	9-12	Westmoreland County (095)	Oct-19	837	\$ 41,722,000	\$ 4,801,000	\$ 46,523,000	141,089	169	\$ 329.74	\$ 295.71	\$ 55,583
<b>Total</b>					<b>837</b>	<b>\$ 41,722,000</b>	<b>\$ 4,801,000</b>	<b>\$ 46,523,000</b>	<b>141,089</b>				
<b>Statewide Average</b>										<b>169</b>	<b>\$ 329.74</b>	<b>\$ 295.71</b>	<b>\$ 55,583</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

2019 - 20 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
024-51-00-100	Culpeper New Career and Technical Education Facility	9-12	Culpeper County (024)	Sep-19	260	\$ 12,309,691	\$ 2,193,309	\$ 14,503,000	54,795	211	\$ 264.68	\$ 224.65	\$ 55,781
053-10-00-100	The North Star School	9-12	Loudoun County (053)	Apr-20	525	\$ 27,425,000	\$ 4,569,500	\$ 31,994,500	93,905	179	\$ 340.71	\$ 292.05	\$ 60,942
058-104-01-100	Mecklenburg County Combined Middle & High School	6-12	Mecklenburg County (058)	Dec-19	2,838	\$ 102,591,784	\$ 22,358,220	\$ 124,950,004	351,000	124	\$ 355.98	\$ 292.28	\$ 44,027
<b>Total</b>					<b>3,623</b>	<b>\$ 142,326,475</b>	<b>\$ 29,121,029</b>	<b>\$ 171,447,504</b>	<b>499,700</b>				
<b>Statewide Average</b>										<b>138</b>	<b>\$ 343.10</b>	<b>\$ 284.82</b>	<b>\$ 47,322</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**

**2019 - 20 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
005-78-00-101	Amelon ES Security Vestibule	Amherst County (005)	Jun-19	\$ 14,600	500	\$ 29.20
005-79-00-101	Amherst ES Security Vestibule	Amherst County (005)	Jun-19	\$ 14,670	500	\$ 29.34
005-76-00-101	Elon ES Security Vestibule	Amherst County (005)	Jun-19	\$ 14,616	500	\$ 29.23
005-77-00-101	Central Elementary Security Vestibule	Amherst County (005)	Jun-19	\$ 14,671	500	\$ 29.34
005-50-00-101	Madison Heights ES Security Vestibule	Amherst County (005)	Oct-19	\$ 42,101	500	\$ 84.20
102-10-00-102	Van Pelt ES Phase II Renovations	Bristol City (102)	May-19	\$ 367,691	5,000	\$ 73.54
020-11-00-101	Phenix Elementary Classroom and Gym Addition	Charlotte County (020)	Nov-18	\$ 2,290,000	16,028	\$ 142.87
136-95-00-101	Grassfield Elementary School Classroom Additions	Chesapeake City (136)	Aug-19	\$ 1,965,969	10,036	\$ 195.89
136-14-00-101	Greenbrier Primary School Classroom Additions	Chesapeake City (136)	Aug-19	\$ 2,112,402	9,672	\$ 218.40
136-11-00-101	Western Branch Primary School Classroom Additions	Chesapeake City (136)	Aug-19	\$ 2,103,630	9,672	\$ 217.50
031-65-00-102	Indian Valley Elementray HVAC	Floyd County (031)	Nov-19	\$ 524,673	32,630	\$ 16.08
031-65-00-101	Indian Valley ES Boiler	Floyd County (031)	Jun-19	\$ 524,673	32,630	\$ 16.08
031-36-00-102	Floyd Elementray HVAC	Floyd County (031)	Nov-19	\$ 650,747	56,570	\$ 11.50
031-50-00-102	Willis Elementary HVAC	Floyd County (031)	Nov-19	\$ 343,730	46,400	\$ 7.41
031-36-00-101	Floyd ES Boiler	Floyd County (031)	Jun-19	\$ 650,747	56,570	\$ 11.50
031-09-00-102	Check Elementary HVAC	Floyd County (031)	Nov-19	\$ 423,813	47,000	\$ 9.02
031-50-00-101	Willis ES Boiler	Floyd County (031)	Jun-19	\$ 343,730	46,400	\$ 7.41
031-09-00-101	Check ES Boiler	Floyd County (031)	Jun-19	\$ 423,813	47,000	\$ 9.02
034-01-00-101	Apple Pie Ridge Elementary Security Enhancements	Frederick County (034)	Nov-19	\$ 240,300	1,000	\$ 240.30
115-29-00-101	Bedford Hills Elementary School/ New gym	Lynchburg City (115)	Jun-19	\$ 697,093	4,244	\$ 164.25
115-30-00-101	Sheffield Elementary School/New Gym	Lynchburg City (115)	Jun-19	\$ 671,907	4,244	\$ 158.32
056-23-00-101	Madison Primary Renovation	Madison County (056)	Feb-20	\$ 6,751,000	50,000	\$ 135.02
117-30-00-102	Saunders Elementary Office Renovations	Newport News City (117)	May-19	\$ 361,989	1,801	\$ 200.99
117-30-00-103	Saunders Elementary Courtyard Infill	Newport News City (117)	May-19	\$ 415,947	1,489	\$ 279.35
117-116-00-101	Deer Park ES - HVAC	Newport News City (117)	Mar-20	\$ 3,721,400	49,612	\$ 75.01
117-32-00-101	Jenkins ES HVAC Replacement	Newport News City (117)	Dec-19	\$ 3,147,000	53,961	\$ 58.32
117-30-00-101	Saunders Elementary Library Renovation	Newport News City (117)	May-19	\$ 400,903	2,857	\$ 140.32
075-81-00-101	Mountain View Elementary School Additions and Renovations	Prince William County (075)	May-19	\$ 10,670,000	73,415	\$ 145.34
124-30-00-103	Garden City Elementary School - Security Upgrades	Roanoke City (124)	Oct-19	\$ 47,962	220	\$ 218.01
124-31-00-101	Grandin Court ES Security Upgrades	Roanoke City (124)	Apr-20	\$ 166,000	200	\$ 830.00
124-07-00-102	Virginia Heights ES Security Upgrades	Roanoke City (124)	Apr-20	\$ 88,000	120	\$ 733.33
087-02-00-101	Meherrin ES Roof	Southampton County (087)	Apr-19	\$ 269,500	59,000	\$ 4.57
087-03-00-101	Riverdale ES Roof	Southampton County (087)	Apr-19	\$ 350,000	93,000	\$ 3.76
087-71-00-101	Capron ES Roof	Southampton County (087)	Apr-19	\$ 207,343	26,000	\$ 7.97
087-01-00-101	Nottoway ES Roof	Southampton County (087)	Apr-19	\$ 229,000	59,000	\$ 3.88
089-23-00-101	Ferry Farm Elementary Additions & Renovations	Stafford County (089)	Nov-19	\$ 10,469,897	79,857	\$ 131.11
093-09-00-101	A.S. Rhodes Elementary Renovation	Warren County (093)	Nov-19	\$ 3,096,300	21,070	\$ 146.95
131-16-00-101	Stonehouse Entrance Redesign	Williamsburg-James City County (131)	Sep-19	\$ 62,941	742	\$ 84.83
131-12-00-102	James River Entrance Redesign	Williamsburg-James City County (131)	Sep-19	\$ 46,459	100	\$ 464.59
131-05-00-102	Laurel Lane Entrance Redesign	Williamsburg-James City County (131)	Sep-19	\$ 65,603	204	\$ 321.58
098-09-00-102	Coventry Elementary Improvements	York County (098)	Feb-19	\$ 450,000	2,304	\$ 195.31
098-16-00-102	Dare Elementary Improvements	York County (098)	Feb-19	\$ 1,214,000	10,070	\$ 120.56
098-09-00-103	Coventry Elementary HVAC Replacement	York County (098)	Nov-19	\$ 624,185	13,706	\$ 45.54
098-08-00-101	Mount Vernon Elementary Improvements	York County (098)	Feb-19	\$ 1,225,000	9,762	\$ 125.49
005-02-00-101	Monelison MS Security Vestibule	Amherst County (005)	Oct-19	\$ 67,600	800	\$ 84.50

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**Annual Cost Data Report**

**2019 - 20 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>
005-67-00-101	Amherst MS Security Vestibule	Amherst County (005)	Jun-19	\$ 14,858	500	\$ 29.72
007-37-00-101	Dorothy Hamm Middle School	Arlington County (007)	Jul-18	\$ 39,150,000	185,819	\$ 210.69
010-47-00-101	Forest Middle School Addtion & Renovations	Bedford County (010)	May-19	\$ 22,134,786	74,474	\$ 297.21
044-72-00-101	Fieldale Collinsville Middle School Elevator Addition	Henry County (044)	Oct-19	\$ 309,000	288	\$ 1,072.92
075-118-00-101	Beville Middle School Renovation & Addition	Prince William County (075)	May-19	\$ 16,997,000	135,628	\$ 125.32
124-21-00-101	Breckinridge Middle School Security Upgrades	Roanoke City (124)	May-20	\$ 49,640	220	\$ 225.64
087-70-00-101	Southampton MS Roof	Southampton County (087)	Apr-19	\$ 775,400	80,000	\$ 9.69
131-10-00-102	Toano Entrance Redesign	Williamsburg-James City County (131)	Sep-19	\$ 58,300	233	\$ 250.21
131-06-00-102	Berkeley Entrance Redesign	Williamsburg-James City County (131)	Sep-19	\$ 58,236	299	\$ 194.77
016-72-00-101	Brookville High School Elevator	Campbell County (016)	Feb-20	\$ 279,000	340	\$ 820.59
024-48-00-101	Renovation of Culpeper County High School	Culpeper County (024)	Jul-12	\$ 18,927,207	172,400	\$ 109.79
108-21-00-102	George Washington High IT Academy Renovations	Danville City (108)	Oct-19	\$ 948,500	7,250	\$ 130.83
031-66-00-101	Floyd HS Boiler	Floyd County (031)	Jun-19	\$ 802,037	113,930	\$ 7.04
031-66-00-102	Floyd High School HVAC	Floyd County (031)	Nov-19	\$ 802,037	113,930	\$ 7.04
034-58-00-101	Dowell J. Howard Center Securiry Enhancements	Frederick County (034)	Nov-19	\$ 65,800	1,200	\$ 54.83
034-03-00-102	James Wood High Security Enhancements	Frederick County (034)	Nov-19	\$ 167,400	1,500	\$ 111.60
034-30-00-101	Sherando High Security Enhancements	Frederick County (034)	Nov-19	\$ 322,500	800	\$ 403.13
034-28-01-101	Millbrook High Security Enhancements	Frederick County (034)	Nov-19	\$ 298,400	800	\$ 373.00
046-03-00-104	Smithfield High School Media Center	Isle of Wight County (046)	May-20	\$ 563,500	9,030	\$ 62.40
053-20-00-101	Tuscarora HS Entry Modifications	Loudoun County (053)	Mar-20	\$ 5,280,501	17,823	\$ 296.27
117-131-00-101	Woodside HS - HVAC	Newport News City (117)	Mar-20	\$ 6,654,537	255,746	\$ 26.02
075-71-00-101	C.D. Hylton High School Planetarium Renewal	Prince William County (075)	Feb-20	\$ 640,912	1,459	\$ 439.28
075-06-00-102	Woodbridge High School Auxiliary Gym Addition	Prince William County (075)	Jan-15	\$ 5,444,000	28,600	\$ 190.35
075-69-00-102	Gar-Field High School Auxiliary Gym Addition	Prince William County (075)	Feb-20	\$ 5,423,000	28,559	\$ 189.89
139-07-00-101	Salem High School Additions and Renovations	Salem City (139)	Feb-20	\$ 26,310,000	284,309	\$ 92.54
087-69-00-101	Southampton HS Roof	Southampton County (087)	May-19	\$ 2,730,221	185,000	\$ 14.76
130-67-00-101	Waynesboro High CTE Annex Renovation	Waynesboro City (130)	Oct-18	\$ 1,054,700	8,526	\$ 123.70
131-14-00-103	Jamestown High School Entrance	Williamsburg-James City County (131)	Sep-19	\$ 93,879	510	\$ 184.08
131-09-01-102	Lafayette Entrance Redesign	Williamsburg-James City County (131)	Sep-19	\$ 68,108	255	\$ 267.09
098-03-00-101	York High Media Center Renovation	York County (098)	May-19	\$ 850,000	8,378	\$ 101.46
005-02-01-102	Amherst Education Center Security Vestibule	Amherst County (005)	Jun-19	\$ 14,600	500	\$ 29.20
034-47-00-101	Northwest Regional Educational Program Security Enhancements	Frederick County (034)	Nov-19	\$ 39,500	800	\$ 49.38
098-24-01-102	Graton High & Middle School HVAC & Alterations	York County (098)	Apr-19	\$ 9,941,522	315,422	\$ 31.52
005-74-00-101	Temperance ES Security Vestibule	Amherst County (005)	Jun-19	\$ 18,120	500	\$ 36.24
020-47-00-101	Bacon Elementray Gym Addition	Charlotte County (020)	Jul-18	\$ 760,500	6,000	\$ 126.75
<b>Total</b>				<b>\$ 226,631,306</b>	<b>3,077,914</b>	
<b>Statewide Average</b>						<b>\$ 73.63</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

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2019 - 20 PPEA Project Delivery Method put under contract

Project Number	Project Name	Division Name
020-11-00-101	Phenix Elementary Classroom and Gym Addition	Charlotte County (020)
020-47-00-101	Bacon Elementray Gym Addition	Charlotte County (020)

## Appendix A

New Elementary School-Reed Site (007-22-00-100) : This school will be built to be a Net Zero ready school. Solar panels cost and other building cost of \$5,824,814 were include in the total construction cost.

New Colonial Elementary (012-48-00-100) : Total project cost include an early site package cost of \$894,050

Brookville High School Elevator (016-72-00-101) : This project is an elevator replacement.

Matoaca Elementary School (021-11-01-100) : Cost includes off site road improvements and demolition of existing structure

Ettrick Elementary School Replacement (021-35-00-100) : Site cost included \$185,707 in road improvements

Floyd ES Boiler (031-36-00-101) : This project is a boiler replacement.

Check ES Boiler (031-09-00-101) : This project is a boiler replacement.

Willis ES Boiler (031-50-00-101) : This project is a boiler replacement.

Indian Valley ES Boiler (031-65-00-101) : This project is a boiler replacement.

Floyd HS Boiler (031-66-00-101) : This project is a boiler replacement.

Apple Pie Ridge Elementary Security Enhancements (034-01-00-101) : Security vestibule addition.

Dowell J. Howard Center Securiry Enhancements (034-58-00-101) : Security Vestibule

James Wood High Security Enhancements (034-03-00-102) : Security Vestibule, security hardware and security fencing

Millbrook High Security Enhancements (034-28-01-101) : Security vestibule addition.

Sherando High Security Enhancements (034-30-00-101) : Security vestibule addition.

Northwest Regional Educational Program Security Enhancements (034-47-00-101) : Security Vestibule

Fieldale Collinsville Middle School Elevator Addition (044-72-00-101) : Elevator project with limited square footage.

ES-23 (053-115-01-100) : Three story School building

Mecklenburg County Combined Middle & High School (058-104-01-100) : Site cost include \$2553340 for construction of a four mile forced main sewer line and pumping station

Southampton HS Roof (087-69-00-101) : Roof replacement

Capron ES Roof (087-71-00-101) : Roof replacement

Meherrin ES Roof (087-02-00-101) : Roof replacement

Southampton MS Roof (087-70-00-101) : Roof replacement

Nottoway ES Roof (087-01-00-101) : Roof replacement

Riverdale ES Roof (087-03-00-101) : Roof replacement

Ferry Farm Elementary Additions & Renovations (089-23-00-101) : Limited site cost are included in line 1.

Other cost in line 4\$646755 are for temporary modular units and permit fees.

Van Pelt ES Phase II Renovations (102-10-00-102) : Added security vestibule to main entrance and renovated two classrooms along with main office.

Grandin Court ES Security Upgrades (124-31-00-101) : Security upgrades at the main entry vestibule

Virginia Heights ES Security Upgrades (124-07-00-102) : Security upgrades at the main entry vestibule