

Virginia Department Of Education

Annual Cost Data Report

2021 - 22 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
026-10-00-101	Ridgeview Elementary School	K-5	Dickenson County (026)	Feb-21	720	\$ 18,251,032	\$ 1,078,069	\$ 19,329,101	65,551	91	\$ 294.87	\$ 278.42	\$ 26,846
046-32-00-100	Hardy Elementary Replacement	PK-4	Isle of Wight County (046)	Oct-23	917	\$ 36,868,640	\$ 4,512,136	\$ 41,380,776	108,162	118	\$ 382.58	\$ 340.86	\$ 45,126
074-38-00-100	New Elementary on Middle Road	PK-5	Prince George County (074)	May-21	968	\$ 24,873,676	\$ 5,515,000	\$ 30,388,676	98,231	101	\$ 309.36	\$ 253.22	\$ 31,393
Total					2,605	\$ 79,993,348	\$ 11,105,205	\$ 91,098,553	271,944				
Statewide Average										104	\$ 334.99	\$ 294.15	\$ 34,971

(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

2021 - 22 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
109-25-01-100	New George Mason High School	9-12	Falls Church City (109)	Jul-18	1,448	\$ 72,856,800	\$ 12,926,798	\$ 85,783,598	294,700	204	\$ 291.09	\$ 247.22	\$ 59,243
Total					1,448	\$ 72,856,800	\$ 12,926,798	\$ 85,783,598	294,700				
Statewide Average										204	\$ 291.09	\$ 247.22	\$ 59,243

(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

No Data Available - No New Combined or Other school(s) constructed for the selected year.

Virginia Department Of Education

Annual Cost Data Report

2021 - 22 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
010-18-00-101	Montvale Elementary HVAC Replacement	Bedford County (010)	Dec-21	\$ 1,803,000	31,793	\$ 56.71
010-48-00-101	Bedford Elementary School HVAC/Roof Replacement	Bedford County (010)	Dec-21	\$ 2,411,000	66,740	\$ 36.13
010-16-00-101	Boonsboro Elementary HVAC Replacement	Bedford County (010)	Dec-21	\$ 1,497,000	49,118	\$ 30.48
018-113-00-101	Oakland Elementary Boiler Replacement	Carroll County (018)	Aug-21	\$ 227,000	706	\$ 321.53
018-115-00-102	Gladesboro Elementary Roofing Project	Carroll County (018)	Sep-21	\$ 277,159	13,046	\$ 21.24
018-121-00-101	Gladeville Boiler Replacement	Carroll County (018)	Feb-22	\$ 323,600	713	\$ 453.86
018-116-00-102	Laurel Elementary Roofing Project	Carroll County (018)	Sep-21	\$ 378,827	16,762	\$ 22.60
018-116-00-101	Laurel Elementary Boiler Replacement	Carroll County (018)	Feb-22	\$ 311,100	651	\$ 477.88
020-11-00-102	Phenix Elementary School Addition	Charlotte County (020)	Jul-20	\$ 1,103,094	6,777	\$ 162.77
020-47-00-102	Bacon Elementary School Addition	Charlotte County (020)	Jul-20	\$ 4,378,446	20,893	\$ 209.57
029-43-00-101	Oak Hill Elementray Additions and Renovations	Fairfax County (029)	Oct-21	\$ 21,695,000	104,000	\$ 208.61
033-96-00-101	Sontag Cafeteria HVAC	Franklin County (033)	Mar-22	\$ 501,692	2,416	\$ 207.65
033-69-00-101	Glade Hill Cafeteria HVAC	Franklin County (033)	Mar-22	\$ 626,965	2,338	\$ 268.16
033-117-00-101	Renovations to Snow Creek ES	Franklin County (033)	Mar-22	\$ 497,000	3,140	\$ 158.28
033-132-00-101	Renovations to Burnt Chimney ES	Franklin County (033)	Mar-22	\$ 149,300	711	\$ 209.99
034-32-00-102	Armel ES HVAC Replacement	Frederick County (034)	Dec-21	\$ 2,300,000	70,281	\$ 32.73
034-34-00-101	Middletown ES HVAC Replacement	Frederick County (034)	Dec-21	\$ 2,498,000	70,281	\$ 35.54
110-06-01-101	Lafayette Elementary Chiller	Fredericksburg City (110)	Dec-21	\$ 1,638,175	98,000	\$ 16.72
044-48-00-101	G. W. Carver ES Kitchen Addition Renovation	Henry County (044)	Jun-22	\$ 3,563,000	7,219	\$ 493.56
051-11-00-101	Lancaster Middle School Renovation - K-6	Lancaster County (051)	Feb-22	\$ 10,563,520	72,804	\$ 145.10
052-16-00-101	Dryden Primary Roof Replacement	Lee County (052)	May-20	\$ 371,754	25,000	\$ 14.87
053-71-00-101	Catoctin Elementary Addition & Renovations	Loudoun County (053)	Sep-22	\$ 4,392,413	9,280	\$ 473.32
062-01-00-101	Rockfish River Elementray Secure Entry	Nelson County (062)	May-22	\$ 73,411	200	\$ 367.06
117-05-00-101	Dutrow ES HVAC Replacement	Newport News City (117)	Mar-22	\$ 1,086,000	30,167	\$ 36.00
118-65-00-101	Sherwood Forest/ HVAC unit replacements	Norfolk City (118)	Mar-22	\$ 3,162,755	66,340	\$ 47.67
068-36-00-101	Addition and Renovations at Gordon-Barbour Elementary School	Orange County (068)	Apr-22	\$ 5,699,000	13,593	\$ 419.26
071-169-00-101	Kentuck - HVAC and Window Replacement	Pittsylvania County (071)	Feb-22	\$ 5,725,000	50,906	\$ 112.46
124-05-00-101	Fallon Park Elementary Clinic Addition	Roanoke City (124)	Mar-21	\$ 851,082	1,622	\$ 524.71
128-80-00-101	Indian Lakes Elementary School HVAC Replacement	Virginia Beach City (128)	Mar-21	\$ 466,087	9,700	\$ 48.05
128-87-00-101	Glenwood Elementary School Kitchen HVAC Improvements	Virginia Beach City (128)	Apr-20	\$ 267,630	4,903	\$ 54.58
096-101-00-101	Union Primary	Wise County (096)	Jun-22	\$ 3,038,900	6,626	\$ 458.63
096-65-03-101	Coeburn Primary HVAC Upgrade Project	Wise County (096)	Oct-21	\$ 1,222,460	79,571	\$ 15.36
096-102-00-101	Wise Primary HVAC Upgrade Project	Wise County (096)	Oct-21	\$ 408,750	102,834	\$ 3.97
096-65-03-102	Coeburn Primary New Parking & Drop Off Lane	Wise County (096)	Apr-22	\$ 278,625	18,400	\$ 15.14
096-07-01-101	J.W. Adams Combined HVAC Upgrades Project	Wise County (096)	Oct-21	\$ 1,841,045	103,764	\$ 17.74
010-47-00-102	Forest Middle HVAC/Roof Replacement	Bedford County (010)	Dec-21	\$ 3,580,000	175,000	\$ 20.46
029-176-01-101	Kilmer Middle Modular Addition	Fairfax County (029)	Jun-21	\$ 1,785,400	11,792	\$ 151.41
030-52-00-101	Cedar Lee MS Expansion and Renovation	Fauquier County (030)	Oct-21	\$ 18,370,880	47,177	\$ 389.40
110-06-00-101	walker Grant Middle Chiller	Fredericksburg City (110)	Dec-21	\$ 1,668,168	131,295	\$ 12.71
111-03-02-101	Galax Middle School HVAC & Renovations	Galax City (111)	Nov-21	\$ 3,680,200	62,511	\$ 58.87
038-42-01-100	GCHS & IMS Annex	Grayson County (038)	Apr-20	\$ 699,152	11,467	\$ 60.97
038-07-00-101	Fries Middle School HVAC	Grayson County (038)	Jun-21	\$ 400,000	31,759	\$ 12.59
052-47-00-101	Jonesville Middle School Boiler Removal & Replacement	Lee County (052)	Jul-21	\$ 217,500	1,250	\$ 174.00
142-13-00-101	Poquoson Middle School Modernization	Poquoson City (142)	Jan-21	\$ 15,763,300	101,048	\$ 156.00
121-32-00-101	Churchland Middle School Restroom Renovation	Portsmouth City (121)	Nov-21	\$ 813,272	4,012	\$ 202.71

Virginia Department Of Education

Annual Cost Data Report

2021 - 22 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
075-103-00-101	Ronald Wilson Reagan Middle School Addition	Prince William County (075)	Jun-21	\$ 2,188,040	6,388	\$ 342.52
124-21-00-102	Breckinridge Addition	Roanoke City (124)	Jan-22	\$ 5,852,084	16,400	\$ 356.83
096-101-02-101	Union Middle HVAC Upgrades Project	Wise County (096)	Oct-21	\$ 904,310	104,512	\$ 8.65
001-58-00-102	Chincoteague High School Fresh Air / Make-up Air	Accomack County (001)	Aug-21	\$ 626,964	64,442	\$ 9.73
001-58-00-101	Chincoteague High Roof	Accomack County (001)	Jun-21	\$ 1,804,900	64,442	\$ 28.01
006-26-00-101	Appomattox County High Additions & HVAC	Appomattox County (006)	Oct-21	\$ 12,998,560	96,160	\$ 135.18
018-123-00-103	Carroll County High School Bathroom Renovations	Carroll County (018)	Nov-21	\$ 548,946	1,965	\$ 279.36
018-123-00-104	Carroll County High School Roofing Project	Carroll County (018)	Sep-21	\$ 776,668	31,700	\$ 24.50
038-42-00-102	Grayson County HS Renovations	Grayson County (038)	Mar-22	\$ 542,019	9,665	\$ 56.08
038-42-00-105	GCHS HVAC	Grayson County (038)	Jan-22	\$ 85,515	11,210	\$ 7.63
052-30-00-102	Lee High School Boiler Replacement	Lee County (052)	Jul-21	\$ 332,890	136,199	\$ 2.44
052-37-00-102	Lee County Career & Technical Center Boiler Replacement	Lee County (052)	Jul-21	\$ 309,160	76,079	\$ 4.06
053-14-00-101	Potomac Falls HS Addtion	Loudoun County (053)	Mar-22	\$ 1,211,301	1,105	\$ 1,096.20
053-68-00-102	Loudoun Valley HS Vestibule Modifications	Loudoun County (053)	Feb-22	\$ 1,193,534	4,025	\$ 296.53
053-42-00-102	Briar Woods HS Classroom Addition	Loudoun County (053)	Mar-22	\$ 6,100,000	14,900	\$ 409.40
053-59-00-101	Woodgrove High School Entry Modifications	Loudoun County (053)	Jan-22	\$ 6,297,257	16,700	\$ 377.08
053-03-01-101	Dominion High School Entry Modifications	Loudoun County (053)	Jan-22	\$ 5,880,643	16,700	\$ 352.13
053-74-00-102	Broad Run HS Vestibule Modifications	Loudoun County (053)	Feb-22	\$ 1,154,466	3,800	\$ 303.81
071-01-00-101	Pittsylvania Career & Technical Center Window & HVAC Replacement	Pittsylvania County (071)	Mar-22	\$ 7,974,000	73,745	\$ 108.13
121-166-00-101	MANOR HS RESTROOM RENONAVTIONS	Portsmouth City (121)	Nov-21	\$ 1,255,140	6,401	\$ 196.08
122-04-01-101	Radford High School Cafeteria/Kitchen HVAC and Water Line Improvements	Radford City (122)	Aug-21	\$ 370,000	6,640	\$ 55.72
128-53-00-101	Bayside High School HVAC Replacement	Virginia Beach City (128)	Mar-21	\$ 630,000	7,100	\$ 88.73
096-99-00-101	Wise County Career & Technical Center HVAC Upgrades	Wise County (096)	Oct-21	\$ 97,650	9,500	\$ 10.28
018-117-00-101	Regional Alternative Education Center Boiler Replacement	Carroll County (018)	Aug-21	\$ 185,000	1,616	\$ 114.48
034-47-00-102	NREP HVAC Improvement/Replacement	Frederick County (034)	May-22	\$ 2,298,000	62,869	\$ 36.55
035-40-00-101	Narrows Elementary Middle HVAC Upgrades	Giles County (035)	Oct-21	\$ 2,594,531	60,000	\$ 43.24
128-48-00-101	Plaza Annex HVAC Replacement	Virginia Beach City (128)	Apr-21	\$ 615,107	29,664	\$ 20.74
118-46-00-101	Mary Calcott/ HVAC unit replacement	Norfolk City (118)	Jun-22	\$ 2,054,082	65,100	\$ 31.55
130-65-00-101	Berkeley Glenn Renovations	Waynesboro City (130)	Jan-22	\$ 4,469,866	53,907	\$ 82.92
Total				\$ 203,956,295	2,791,540	
Statewide Average						\$ 73.06

(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

2021 - 22 PPEA Project Delivery Method put under contract

Project Number	Project Name	Division Name
109-25-01-100	New George Mason High School	Falls Church City (109)
020-47-00-102	Bacon Elementary School Addition	Charlotte County (020)
096-101-00-101	Union Primary	Wise County (096)
006-26-00-101	Appomattox County High Additions & HVAC	Appomattox County (006)
026-10-00-101	Ridgeview Elementary School	Dickenson County (026)
020-11-00-102	Phenix Elementary School Addition	Charlotte County (020)

Appendix A

Chincoteague High School Fresh Air / Make-up Air (001-58-00-102) : This project was to purchase some new HVAC equipment only

Forest Middle HVAC/Roof Replacement (010-47-00-102) : HVAC replacement and membrane roof replacement

Regional Alternative Education Center Boiler Replacement (018-117-00-101) : The square footage listed is for the boiler room only

Oakland Elementary Boiler Replacement (018-113-00-101) : The square foot area listed is the boiler room only

Gladeville Boiler Replacement (018-121-00-101) : The high cost is due to the limited square footage of the boiler room.

Laurel Elementary Boiler Replacement (018-116-00-101) : The high cost is due to the limited square footage of the boiler room.

Kilmer Middle Modular Addition (029-176-01-101) : Note this is a modular prefabricated type of addition

Cedar Lee MS Expansion and Renovation (030-52-00-101) : Cost included \$23,880 for required storm water credits, areas of work for to new auxiliary gym, new classroom addition and several limited areas that were renovated.

Glade Hill Cafeteria HVAC (033-69-00-101) : The high cost is due to the limited square footage of the cafeteria.

Sontag Cafeteria HVAC (033-96-00-101) : The high cost is due to the limited square footage of the cafeteria.

G. W. Carver ES Kitchen Addition Renovation (044-48-00-101) : Sq. Ft cost are high due to purchase for new Kitchen equipment

Jonesville Middle School Boiler Removal & Replacement (052-47-00-101) : The square footage listed is for the boiler room only.

Lee High School Boiler Replacement (052-30-00-102) : Other cost include 10,000 dollars for additional materials.

Lee County Career & Technical Center Boiler Replacement (052-37-00-102) : Other cost, 10,000 for additional piping and wiring supplies for the installation of the boilers.

Catoctin Elementary Addition & Renovations (053-71-00-101) : The total project area included hallways, also other cost included; exterior work, security systems at entrance, new entry doors, and security glass.

Dominion High School Entry Modifications (053-03-01-101) : Project involved security modifications to existing front entrance, included security glass, doors, hardware and adjacent office areas.

Woodgrove High School Entry Modifications (053-59-00-101) : Security upgrades to existing front entrance, work included hardware, high security doors and frames, secure glass, and renovation of adjacent office spaces.

Potomac Falls HS Addtion (053-14-00-101) : High cost is due to limited square footage. The project also includes extending the sprinkler, fire alarm and HVAC systems.

Rockfish River Elementray Secure Entry (062-01-00-101) : Supply chain issues led to several substitutions and deletions from the original plans

Wise County Career & Technical Center HVAC Upgrades (096-99-00-101) : Area of work confined to 9500 square forage of the total building SF

Union Primary (096-101-00-101) : Final contract cost was for new addition only, no renovation work was done

Coeburn Primary New Parking & Drop Off Lane (096-65-03-102) : This is a sitework project that expands the school's parking areas, provide a new vehicular drop off lane and new storm water drainage system

New George Mason High School (109-25-01-100) : Project is LEED Gold and site cost includes \$1,300,000 for geothermal systems

walker Grant Middle Chiller (110-06-00-101) : Chiller and pump replacements only

Lafayette Elementary Chiller (110-06-01-101) : Chiller and pump replacements only

Galax Middle School HVAC & Renovations (111-03-02-101) : Work includes renovating restrooms, replacing stairs, replacing ceilings and lights in halls, painting walls, partial HVAC and roof replacement, repacing two water heaters and all classroom lights.

Glenwood Elementary School Kitchen HVAC Improvements (128-87-00-101) : HVAC work was confined to the kitchen area.

Plaza Annex HVAC Replacement (128-48-00-101) : This is a partial HVAC replacement project.

Bayside High School HVAC Replacement (128-53-00-101) : Replacement of the HVAC system, in limited areas of the building.