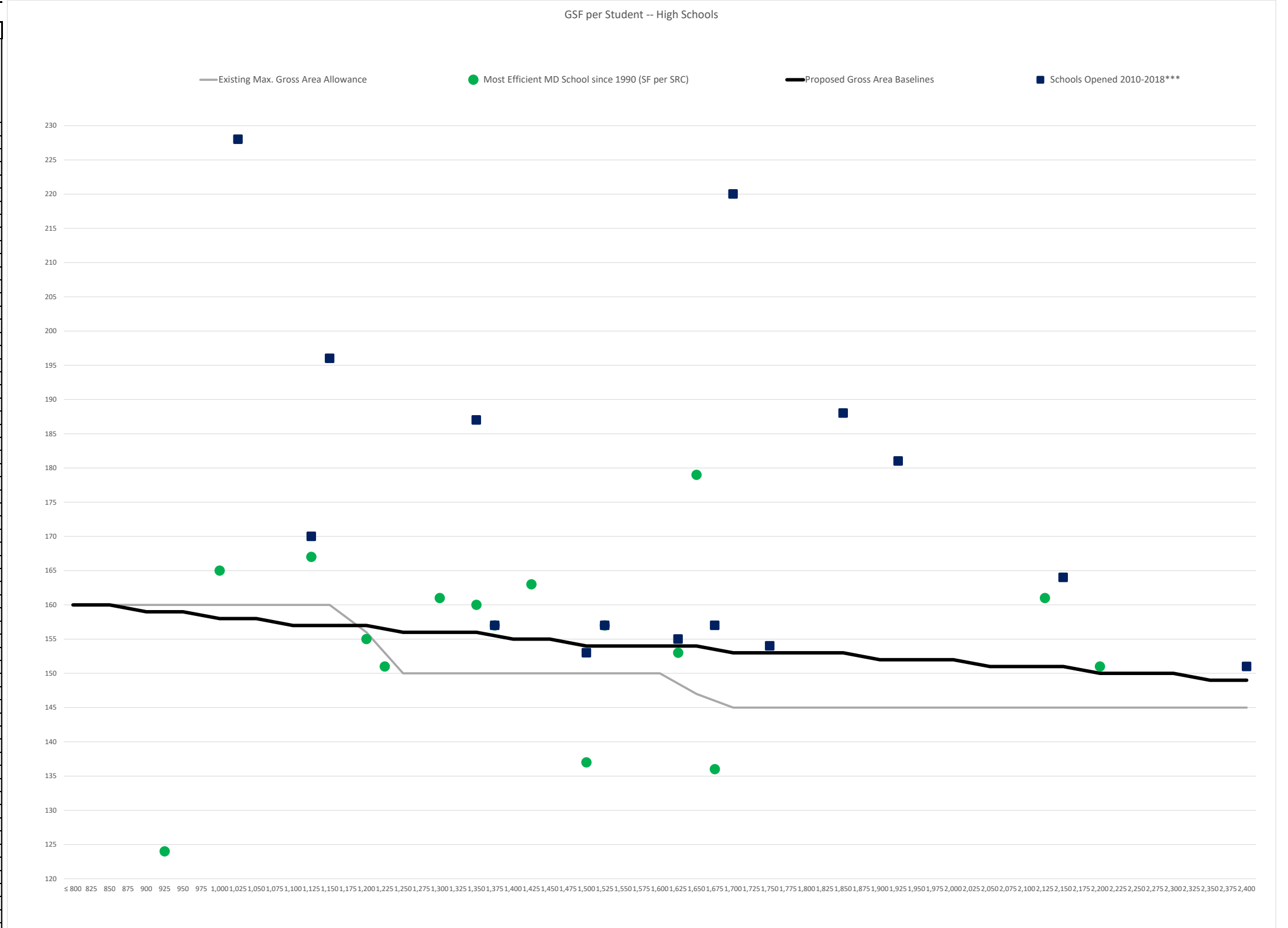


**Gross Area Baselines (2019) with Actuals**

Version 5/2/2019

HIGH SCHOOLS									
Projected Capacity of Students	Existing Max. Gross Area Allowance	Most Efficient MD School since 1990 (SF per SRC)	School & County	Year Built	Schools Opened 2010-2018***	School & County	Year Built	GSF/Stu. Total GSF	
								Proposed Gross Area Baselines	Total GSF
≤ 800	160							160	
825									
850	160							160	136,000
875									
900	160							159	143,100
925		124	Rising Sun,	1991					
950	160							159	151,050
975									
1,000	160	165	Mountain	2007				158	158,000
1,025					228	George Wash Carver	2013		
1,050	160							158	165,900
1,075									
1,100	160							157	172,700
1,125		167	nt Island, C	1998	170	Fairmont Heights,	2017		
1,150	160				196	Calvert, Calvert	2013	157	180,550
1,175									
1,200	156	155	Westlake, C	1992				157	188,400
1,225		151	Patuxent, C	1996					
1,250	150							156	195,000
1,275									
1,300	150	161	New Town	2003				156	202,800
1,325									
1,350	150	160	Winters M	2002	187	Oxon Hill, PG	2013	156	210,600
1,375		157	Manchest	2009	157	Manchester Vly., C	2009		
1,400	150							155	217,000
1,425		163	Long Reach	1996					
1,450	150							155	224,750
1,475									
1,500	150	137	Huntingto	2004	153	J.M. Bennett, Wic	2010	154	231,000
1,525		157	Oakdale, F	2008	157	Oakdale, Fred.	2008		
1,550	150							154	238,700
1,575									
1,600	150							154	246,400
1,625		153	Urbana, Fr	1995+200	155	Linganore, Fred.	2010		
1,650	147	179	Blake, Mor	1998+2000				154	254,100
1,675		136	Aberdeen,	004+200	157	Bel Air, Harford	2009		
1,700	145				220	Wheaton, Mont.	2015	153	260,100
1,725									
1,750	145				154	Edgewood, Harfor	2010	153	267,750
1,775									
1,800	145							153	275,400
1,825									
1,850	145				188	Dundalk/Soliers Pt	2014	153	283,050
1,875									
1,900	145							152	288,800
1,925					181	Paint Branch, Mon	2012		
1,950	145							152	296,400
1,975									
2,000	145							152	304,000
2,025									
2,050	145							151	309,550
2,075									
2,100	145							151	317,100
2,125		161	Northwest	2001+2006					
2,150	145				164	Severna Park, A.A.	2017	151	324,650
2,175									
2,200	145	151	C.H. Flowe	2000				150	330,000
2,225									
2,250	145							150	337,500
2,275									
2,300	145							150	345,000
2,325									
2,350	145							149	350,150
2,375									
2,400	145				151	Gaithersburg, Mon	2013	149	357,600



These total GSF baselines for state funding participation will challenge each project with regard to space efficiency and utilization. The funding baselines are intended to support all of the spaces required to deliver the educational programs required by the State of Maryland and to encourage multiple uses of spaces and other utilization-maximizing strategies that can reduce facility size and therefore the long-term costs of ownership. An LEA may challenge these state funding participation baselines for a given project on a case-by-case basis through an application to the IAC staff for a variance. As part of such an application, the LEA shall provide information sufficient that the IAC staff can analyze the proposed spaces and uses on a program-by-program basis. If agreement between the LEA and IAC staff cannot be reached, the LEA may appeal the decision to the IAC.

\*Special-education students in MSDE LRE categories C, S, and W are counted separately and assigned 200 GSF each instead of the baseline GSF per student.

\*\*Students in career-technology education (CTE) programs are counted separately and assigned 210 GSF each instead of the baseline GSF per student.

\*\*\*If more than one school at a given SRC, most recently opened is shown.

# Percentage of Spaces By Function

## Elementary School Space Tally

### Classroom Space– 40%

Includes

- General and specialty classrooms; and
- Toilet rooms dedicated to PK and K classrooms.

### Other Instruction and Instructional Support – 16%

Includes

- Gymnasium;
- Library media center;
- Teacher planning/office space;
- Collaboration space; and
- Storage or preparation rooms dedicated to classrooms.

### Student Support – 12%

Includes

- Food service;
- Administration;
- Pupil services offices & pupil services support spaces; and
- Health suite.

### Building Support – 2%

Includes janitorial and general storage.

### Tare – 30%

Non-assignable spaces within the building, including

- Circulation areas such as corridors, stairways, and elevators;
- Restrooms (except for specialized restrooms such as in a kindergarten classroom);
- Mechanical rooms (except for those in non-assignable penthouse spaces covered by a roof, which are not counted in gross square footage);
- Electrical and information-technology infrastructure rooms;
- The thicknesses of the walls and other partitions.

# CTE Specialized Schools - Average Area (GSF) per Student

## CTE CENTERS

(Last Updated 5/09/2019)

LOCATION		PSCP DATABASE INFO						CALC
County	School Name (listed from lowest to highest GSF/student)	Grade levels	Adjusted Age	DATE of Major Project Completion	TYPE PROJECT	SRC	Total GSF	GSF/ Student (SRC)
Worcester	Worcester Technical High School	'9-12	11	2008	REPL	778	139,077	178.8
Caroline	Caroline Career & Technology Center	'9-12	44	2004	Relocatables	187	34,278	183.3
Washington	Washington County Technical High	'11-12	42	2006	RENO	575	109,336	190.1
Allegany	Center For Career & Technical Education	11-12	47	2004	ADD	605	141,195	233.4
Calvert	Career and Technology Academy	'9-12	23	2005	Reno/Add	445	113354	254.7
Anne Arundel	Center of Applied Technology South	'9-12	34	1995	ADD	350	91,507	261.4
Somerset	J.M. Tawes Technology & Career Center	'8-12	0	2019	REPL	395	103,846	262.9
St. Mary's	Dr. James A. Forrest Career & Technology Center	'9-12	13	2006	Reno/Add	486	130,200	267.9
Dorchester	Dorchester Co. Vo-Tech	'10-12	8	2011	REPL	360	98,069	272.4
Carroll	Carroll County Career & Technology Center	'10-12	47	1987	ADD	380	112,190	295.2
Frederick	Career & Technology Center	'10-12	39	1986	ADD	292	86,681	296.9
Howard	Applications and Research Lab	??	22	2008	RENO	625	204,325	326.9
Cecil	Cecil School of Technology	??	4	2015	Reno	445	167,571	376.6
Anne Arundel	Center of Applied Technology North	'9-12	45	1974	NEW	378	148,634	393.2
Montgomery	Thomas Edison High	'10-12	1	2018	REPL	400	137,526	343.8

Average: 25

Average: 275.8

= of interest

Current funding formula = 240.0

## Comprehensive High Schools with Concentrations of CTE Programs

LOCATION		PSCP DATABASE INFO						CALC
County	School	Grade levels	Adjusted Age	DATE of Major Project Completion	TYPE PROJECT	SRC	Total GSF	GSF/ Student (SRC)
Allegheny	Mountain Ridge HS	'9-12	12	2007	NEW	1,000	165,382	165.4
Baltimore City	Carver Vocational-Technical High CTE # 454	'9-12	10	2009	RENO	1,730	232,638	134.5
Baltimore Co.	George Washington Carver Center for the Arts and Technology	'9-12	6	2013	REPL	1,028	234,476	228.1
Baltimore Co.	Dundalk / Sollers Point Technical High	'9-12	5	2014	REPL	1,845	347,000	188.1
Baltimore Co.	Western School of Technology/Science	'9-12	41	1997	ADD	1,009	160,349	158.9
Calvert	Huntingtown HS	'9-12	15	2004	NEW	1,500	206,248	137.5
Caroline	Col. Richardson HS	'9-12	8	2011	RENO	525	121,085	230.6
Charles	North Point HS	'9-12	14	2005	NEW	1,600	311,270	194.5
Frederick	Frederick HS	'9-12	1	2018	REPL	1,601	270,618	169.0
Harford	Harford Tech High	'9-12	33	1999	RENO/ADD	920	218,225	237.2
Prince George's	Fairmont Hts High	'9-12	2	2017	REPL	1,123	196,391	174.9
Wicomico	Parkside HS	'9-12	35	1996	RENO/ADD	944	277,724	294.2

Average: 15.16667

Average: 192.7

## Analysis of Reported Maintenance & Operations Spending, FY 2018

A	B	C	D	E	F	G	H	I
LEA	Total Adjusted GSF (Active & Holding)	Construction Cost + Site Improvements @ \$389/GSF	Maint. & Operations @ 2%-per-Year-of Construction-Cost Standard <i>(excludes system renewals)</i>	Actual M&O Expenditures, FY 2018	Actual M&O Expenditures FY 2018 per GSF	Actual M&O Expend. FY 2018 as % of Standard	FY 2018 Total Operating Expend. (All Sources)	Actual M&O Expend. FY 2018 as % of Operating Budget
Data Source	IAC Facil. Inv., 5/8/2019	B * \$389	C * .02	MSDE Selected Fin. Data, FY 2018	E / B	E / D	MSDE Selected Fin. Data, FY 2018	E / H
Allegany	1,603,956	\$ 623,938,884	\$ 12,478,778	\$ -	\$ -	0.0%	\$ 10,378,926	0.0%
Anne Arundel	13,321,919	\$ 5,182,226,491	\$ 103,644,530	\$ 89,839,154	\$ 6.74	86.7%	\$ 1,329,073,647	6.8%
Baltimore City	18,034,814	\$ 7,015,542,646	\$ 140,310,853	\$ 90,353,297	\$ 5.01	64.4%	\$ 1,450,979,642	6.2%
Baltimore County	16,591,758	\$ 6,454,193,862	\$ 129,083,877	\$ 132,319,289	\$ 7.98	102.5%	\$ 1,827,708,205	7.2%
Calvert	2,393,330	\$ 931,005,370	\$ 18,620,107	\$ 18,453,038	\$ 7.71	99.1%	\$ 254,040,262	7.3%
Caroline	853,767	\$ 332,115,363	\$ 6,642,307	\$ 5,235,577	\$ 6.13	78.8%	\$ 80,700,714	6.5%
Carroll	4,176,741	\$ 1,624,752,249	\$ 32,495,045	\$ 30,133,551	\$ 7.21	92.7%	\$ 353,103,061	8.5%
Cecil	2,242,569	\$ 872,359,341	\$ 17,447,187	\$ 15,991,417	\$ 7.13	91.7%	\$ 221,897,328	7.2%
Charles	3,935,394	\$ 1,530,868,266	\$ 30,617,365	\$ 35,258,373	\$ 8.96	115.2%	\$ 438,906,133	8.0%
Dorchester	949,120	\$ 369,207,680	\$ 7,384,154	\$ 6,047,428	\$ 6.37	81.9%	\$ 91,659,770	6.6%
Frederick	6,460,652	\$ 2,513,193,628	\$ 50,263,873	\$ 45,257,038	\$ 7.01	90.0%	\$ 651,954,865	6.9%
Garrett	741,671	\$ 288,510,019	\$ 5,770,200	\$ 5,205,847	\$ 7.02	90.2%	\$ 54,235,349	9.6%
Harford	6,050,972	\$ 2,353,828,108	\$ 47,076,562	\$ 39,791,093	\$ 6.58	84.5%	\$ 532,040,581	7.5%
Howard	8,096,150	\$ 3,149,402,350	\$ 62,988,047	\$ 62,029,358	\$ 7.66	98.5%	\$ 938,870,930	6.6%
Kent	440,226	\$ 171,247,914	\$ 3,424,958	\$ 2,457,279	\$ 5.58	71.7%	\$ 30,200,824	8.1%
Montgomery	24,607,769	\$ 9,572,422,141	\$ 191,448,443	\$ 180,003,815	\$ 7.31	94.0%	\$ 3,189,580,018	5.6%
Prince George's	18,291,619	\$ 7,115,439,791	\$ 142,308,796	\$ 170,131,393	\$ 9.30	119.6%	\$ 2,146,625,225	7.9%
Queen Anne's	1,293,781	\$ 503,280,809	\$ 10,065,616	\$ 7,977,948	\$ 6.17	79.3%	\$ 104,236,531	7.7%
St. Mary's	2,300,101	\$ 894,739,289	\$ 17,894,786	\$ 19,285,316	\$ 8.38	107.8%	\$ 234,140,757	8.2%
Somerset	606,461	\$ 235,913,329	\$ 4,718,267	\$ 3,607,018	\$ 5.95	76.4%	\$ 59,628,377	6.0%
Talbot	702,975	\$ 273,457,275	\$ 5,469,146	\$ 4,896,948	\$ 6.97	89.5%	\$ 60,819,779	8.1%
Washington	3,352,187	\$ 1,304,000,646	\$ 26,080,013	\$ 30,875,922	\$ 9.21	118.4%	\$ 309,078,166	10.0%
Wicomico	2,201,977	\$ 856,569,053	\$ 17,131,381	\$ 18,465,049	\$ 8.39	107.8%	\$ 244,838,286	7.5%
Worcester	1,236,053	\$ 480,824,617	\$ 9,616,492	\$ 9,118,777	\$ 7.38	94.8%	\$ 117,049,958	7.8%
<b>Grand Total</b>	<b>140,485,962</b>	<b>\$ 54,649,039,121</b>	<b>\$ 1,092,980,782</b>	<b>\$ 1,022,733,926</b>	<b>\$ 7.28</b>	<b>93.6%</b>	<b>\$ 14,731,747,333</b>	<b>6.9%</b>

## **Description of Arkansas's minimum 9% set-aside for maintenance & operations (incl. utilities)**

Each school district shall dedicate nine percent (9%) of its foundation funding exclusively to payment of utilities and costs of custodial, maintenance, repair, and renovation activities, which include related personnel costs, for public school facilities. If any amount of the dedicated nine percent (9%) is unspent at the end of the school district's fiscal year, the funds shall carry over, and the school district shall transfer the remaining amount into a public school facilities escrow account.

A school district may use funds from its public school facilities escrow account in any fiscal year for payment of utilities and costs of custodial, maintenance, repair, and renovation activities, which include related personnel costs, for public school facilities. If a school district wants to use funds from its public school facilities escrow account for new construction, the school district shall apply to the Division of Public School Academic Facilities and Transportation for its approval. If the Division authorizes the release of funds from the school district's public school facilities escrow account and approves the new construction, the school district may use the funds as authorized by the Division.

A school district is not required to use funds in its public school facilities escrow account for new construction. New construction shall be funded by local resources, which may include funds in the school district's public school facilities escrow account if approved by the division. In addition, new construction may be eligible for state financial participation.

- from *Public School Facilities, Maintenance, Repair and Renovation Manual*, Ark. Div. of Public School Academic Facilities & Transportation (2009), at 2; *see also* Arkansas Code Ann. § 6-21-808(d).

### **Original Recommendation from Arkansas's legislative task force in 2006**

#### **7. School districts dedicate 9% of their total district operating expenditures exclusively for custodial/maintenance operations.**

The custodial/maintenance expenditure for the national median school district is 7.7% of total district expenditures for the 2003-2004 school year. This is down from the highest percentage expenditure over the last 10 years (1997) of 9.59%. The reductions of the last several years indicate that custodial/maintenance expenditures are being deferred because of revenue shortfalls. School districts may carry forward small amounts of this required expenditure for future maintenance obligations. This 9% allowance excludes capital improvements and insurance premiums. It is recommended that funding be provided at the above-described levels or the custodial/maintenance plan described within Section Three of the Arkansas Facility Manual cannot be implemented.

### **Arkansas Code Annotated § 6-21-808(d)**

(1)

(A) Each school district shall dedicate nine percent (9%) of its foundation funding exclusively to payment of utilities and costs of custodial, maintenance, repair, and renovation activities, which include related personnel costs, for public school facilities.

(B)

(i) If any amount of the dedicated nine percent (9%) is unspent at the end of the school district's fiscal year, the funds shall carry over, and the school district shall transfer the remaining amount into a public school facilities escrow account.

**(ii)** A school district may use funds from its public school facilities escrow account in any fiscal year for payment of utilities and costs of custodial, maintenance, repair, and renovation activities, which include related personnel costs, for public school facilities.

**(iii)**

**(a)** If a school district wants to use funds from its public school facilities escrow account for new construction, the school district shall apply to the Division of Public School Academic Facilities and Transportation for its approval.

**(b)** If the division authorizes the release of funds from the school district's public school facilities escrow account and approves the new construction, the school district may use the funds as authorized by the division.

**(2)**

**(A)** A school district is not required to use funds in its public school facilities escrow account for new construction.

**(B)**

**(i)** New construction shall be funded by local resources, which may include funds in the school district's public school facilities escrow account if approved by the division.

**(ii)** In addition, new construction may be eligible for state financial participation.