
Overview of Education Funding in Maryland

Presentation to The Blueprint for Maryland's Future Funding Formula Workgroup

**Department of Legislative Services
Office of Policy Analysis
Annapolis, Maryland**

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Principles Guiding Funding of Education in Maryland

- Thorough and efficient system of free public schools (Article VIII of the State Constitution)
- Equity
- Adequacy
- Local control
- Accountability

Equity

- Each Maryland child should have a substantially similar opportunity to meet performance standards regardless of geographical location
- Maryland has a system of shared State and local responsibility for education funding
- Consequently, State aid for education should offset local fiscal disparities

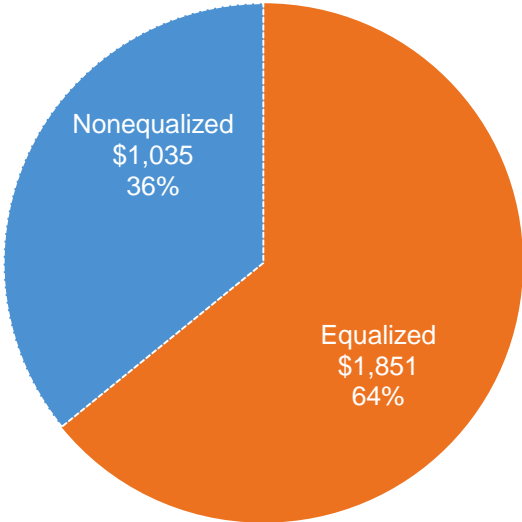
Wealth Equalization

- To achieve funding equity, educational opportunities should not depend on local abilities to generate revenue
 - In Maryland, the primary sources of local tax revenues are the property tax and income tax
 - For many years, a significant share of State education aid has been distributed inverse to local wealth as measured by property assessable base and net taxable income
 - Less wealthy school systems, therefore, receive more State aid per pupil than wealthier school systems – this is known as wealth equalization
- Wealth is calculated by adding together a district's net taxable income and assessable base of property
 - This calculation is then compared to the State average to establish a district's relative wealth

Most of State Aid Is Wealth Equalized

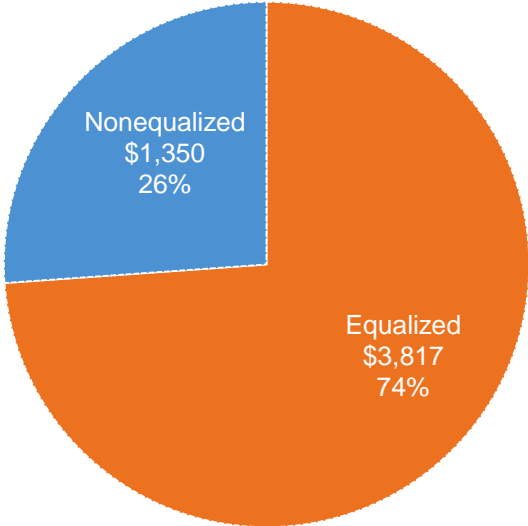
(\$ in Millions)

FISCAL 2002



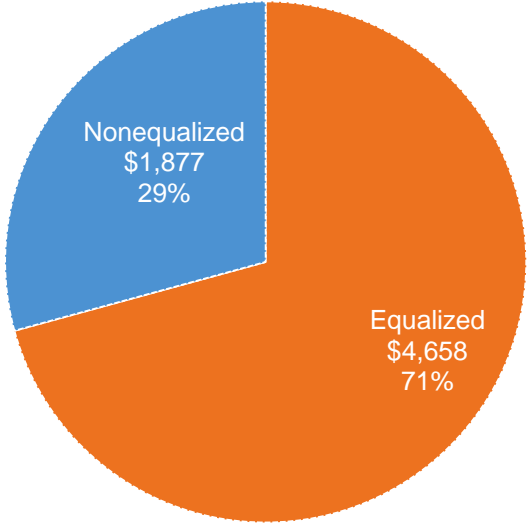
Total = \$2.9 Billion

FISCAL 2008



Total = \$5.2 Billion

FISCAL 2019



Total = \$6.5 Billion

Note: Includes teachers' retirement

Adequacy

- State and local funding should be sufficient to acquire the total resources needed to reasonably expect that **all** students can meet academic performance standards
 - Prior to the Thornton Commission, sufficient funding to provide an excellent fundamental education was a goal but quantifying the amount was elusive
 - Ensuring that all students meet performance standards requires that students with special needs or at risk of failure receive targeted resources or services
 - Maryland counties, including Baltimore City, provide a significant share of funding for education. Maintenance of effort (MOE) requirements ensure that counties do not reduce their support for education

Bridge to Excellence Act of 2002

- The Bridge to Excellence in Public Schools Act of 2002 incorporated many of the recommendations of the Thornton Commission and restructured the State's public school finance system by
 - Eliminating a large number of small categorical aid programs
 - Establishing formulas that are based primarily on full-time equivalent (FTE) student enrollments and local wealth
- The Act also significantly increased financial support for public schools by phasing in an additional \$1.3 billion in State aid from fiscal 2003 through 2008 to reach funding adequacy and improve equity

Categories of State Aid

The majority of State education aid falls into one of three categories:

1. General Education Aid

- provides a minimum level of operating support for all students, driven by total student enrollment and local wealth (includes teachers' retirement)

1. Targeted Aid

- provides additional funding based on enrollments of targeted student populations (*i.e.*, low-income, limited English, and special education)

1. Other Noninstructional Aid

- provides school support activities that are not directly related to instruction

Foundation Program

General Education Aid

- The foundation program is the main program in general education aid and accounts for almost half of State education aid
- The foundation program ensures a base level of funding per pupil
 - Per pupil foundation amount x local enrollment
- At the statewide level, the foundation formula is designed to have the State pay roughly 50% of program costs; however, the State's share for the less wealthy jurisdictions is higher than 50%, and the State's share for more wealthy jurisdictions is lower than 50% (wealth equalization)
- Local jurisdictions must provide the local share of the foundation program as part of the required annual MOE amount
- The amount of State aid that a jurisdiction receives is based on FTE student enrollment and local wealth
- No jurisdiction may receive less than 15% of the base per pupil amount from the State

Other General Education Aid

- **Geographic Cost of Education Index (GCEI):** GCEI is a Maryland-based index that adjusts the amount of State aid that a local school system receives based on regional differences in the cost of educational resources
 - The GCEI formula does not reduce funding for jurisdictions where educational resources are less expensive
 - Unlike every other major State aid program, GCEI was not mandated until fiscal 2017
 - GCEI only applies to the foundation program and the State pays the State and local shares
- **Guaranteed Tax Base (GTB):** GTB provides additional funds to jurisdictions with less than 80% of the statewide wealth per pupil that provide local education funding above the minimum local share required by the foundation program
 - The State provides the funds that would have been generated locally if the jurisdiction had the wealth base that is guaranteed
 - Per pupil GTB amount for any one local school system is limited to 20% of the per pupil foundation amount

State Education Funding under the Foundation Program Fiscal 2019

County	Foundation Formula	Supplemental Grant	Geographic Cost Index	Net Taxable Income Grant	Declining Enrollment Grant	Hold Harmless Grants	Tax Increment Financing Grant	Total Amount
Allegany	\$40,474,744	\$10,348	\$0	\$2,065,959	\$439,075	\$0	\$0	\$42,990,126
Anne Arundel	218,016,201	0	10,218,141	464,584	0	0	0	228,698,926
Baltimore City	353,459,508	18,310,933	22,211,131	0	15,961,520	11,205,853	535,131	421,684,076
Baltimore	405,335,641	0	6,180,038	0	0	0	0	411,515,679
Calvert	56,348,769	0	2,289,940	1,468,434	362,977	544,452	0	61,014,572
Caroline	28,130,173	966,820	0	911,640	0	0	0	30,008,633
Carroll	90,570,763	0	2,466,296	2,369,436	263,012	105,880	0	95,775,387
Cecil	63,348,523	49,060	0	2,970,991	1,181,310	1,099,380	0	68,649,264
Charles	111,700,280	0	3,685,811	5,612,105	0	0	0	120,998,196
Dorchester	20,901,023	1,321,515	0	875,447	0	0	0	23,097,985
Frederick	162,097,117	0	6,909,909	2,957,873	0	0	0	171,964,899
Garrett	9,924,653	1,201,160	0	553,745	41,124	0	0	11,720,682
Harford	138,028,626	0	0	3,610,725	0	0	0	141,639,351
Howard	173,144,210	0	5,868,021	443,286	0	0	0	179,455,517
Kent	2,511,519	1,003,414	131,833	96,142	112,661	0	0	3,855,569
Montgomery	351,744,825	0	37,711,769	0	0	0	0	389,456,594
Prince George's	539,619,273	20,505,652	43,072,564	29,288,485	0	0	0	632,485,974
Queen Anne's	22,353,538	0	585,660	173,828	0	0	0	23,113,026
St. Mary's	68,668,436	3,251,181	242,397	1,645,676	0	0	0	73,807,690
Somerset	13,604,993	0	0	603,098	302,008	0	0	14,510,099
Talbot	4,668,729	0	0	0	0	0	0	4,668,729
Washington	101,451,063	0	0	4,071,653	0	0	0	105,522,716
Wicomico	73,406,199	0	0	2,340,711	0	0	0	75,746,910
Worcester	6,680,664	0	0	0	0	0	0	6,680,664
Total	\$3,056,189,470	\$46,620,083	\$141,573,510	\$62,523,818	\$18,663,687	\$12,955,565	\$535,131	\$3,339,061,264

Targeted Education Aid

- The targeted formulas recognize the additional costs associated with educating certain student populations:
 - Special education (0.74 X base level of funding per pupil)
 - Compensatory education (based on free and reduced-price meal status) (0.97 X base level of funding per pupil)
 - Prekindergarten funding is accounted for in the compensatory education formula
 - Limited English proficiency (0.99 X base level of funding per pupil)
- Although the State provides approximately 50% of the total estimated cost of each program, local governments are not required to provide the other half
- Funding amounts and distributions are based on local wealth and enrollments of the three targeted student populations, however, no jurisdiction may receive less than 40% of the full per pupil amount from the State

State Education Funding Based on Targeted Populations Fiscal 2019

County	FTE Enrollment	Compensatory Aid	Limited English Proficiency	Special Education	Total Amount	Ranking by Per Pupil Aid
Allegany	8,166.25	\$22,122,620	\$84,756	\$5,657,947	\$27,865,323	1. Baltimore City \$4,809
Anne Arundel	80,350.25	67,731,228	14,855,256	18,139,069	100,725,553	2. Somerset 4,635
Baltimore City	74,853.00	288,577,980	25,177,739	46,236,630	359,992,349	3. Wicomico 4,031
Baltimore	109,342.50	148,756,115	24,269,786	37,503,243	210,529,144	4. Caroline 3,718
Calvert	15,434.50	8,989,780	492,064	3,811,014	13,292,858	5. Prince George's 3,454
Caroline	5,469.00	15,322,516	2,461,802	2,548,744	20,333,062	6. Allegany 3,412
Carroll	24,934.75	14,273,237	1,093,361	7,376,749	22,743,347	7. Dorchester 3,368
Cecil	14,782.25	23,228,901	1,123,085	6,992,819	31,344,805	8. Washington 2,559
Charles	26,085.00	34,227,072	2,860,066	9,706,208	46,793,346	9. Cecil 2,120
Dorchester	4,526.00	12,794,376	900,790	1,549,294	15,244,460	10. Baltimore 1,925
Frederick	40,752.00	35,110,744	9,914,361	12,780,038	57,805,143	11. Kent 1,834
Garrett	3,648.75	4,457,842	25,178	813,477	5,296,497	12. Charles 1,794
Harford	36,876.50	34,404,442	2,238,059	12,578,825	49,221,326	13. Talbot 1,654
Howard	55,371.75	31,925,932	9,321,728	12,002,545	53,250,205	14. Montgomery 1,628
Kent	1,866.00	2,703,218	173,451	545,803	3,422,472	15. Worcester 1,477
Montgomery	156,995.00	141,592,674	73,546,106	40,404,075	255,542,855	16. Garrett 1,452
Prince George's	127,012.75	286,326,195	107,414,841	45,004,792	438,745,828	17. St. Mary's 1,428
Queen Anne's	7,536.00	5,066,477	686,034	1,844,438	7,596,949	18. Frederick 1,418
St. Mary's	17,154.75	18,258,609	1,038,906	5,203,228	24,500,743	19. Harford 1,335
Somerset	2,697.00	10,116,699	666,353	1,717,528	12,500,580	20. Anne Arundel 1,254
Talbot	4,405.50	5,357,086	895,232	1,033,053	7,285,371	21. Queen Anne's 1,008
Washington	21,901.00	45,484,419	2,429,251	8,125,082	56,038,752	22. Howard 962
Wicomico	14,341.25	44,251,113	5,992,703	7,565,233	57,809,049	23. Carroll 912
Worcester	6,304.00	7,257,015	380,474	1,672,960	9,310,449	24. Calvert 861
Total	860,805.75	\$1,308,336,290	\$288,041,382	\$290,812,794	\$1,887,190,466	State Average \$2,192

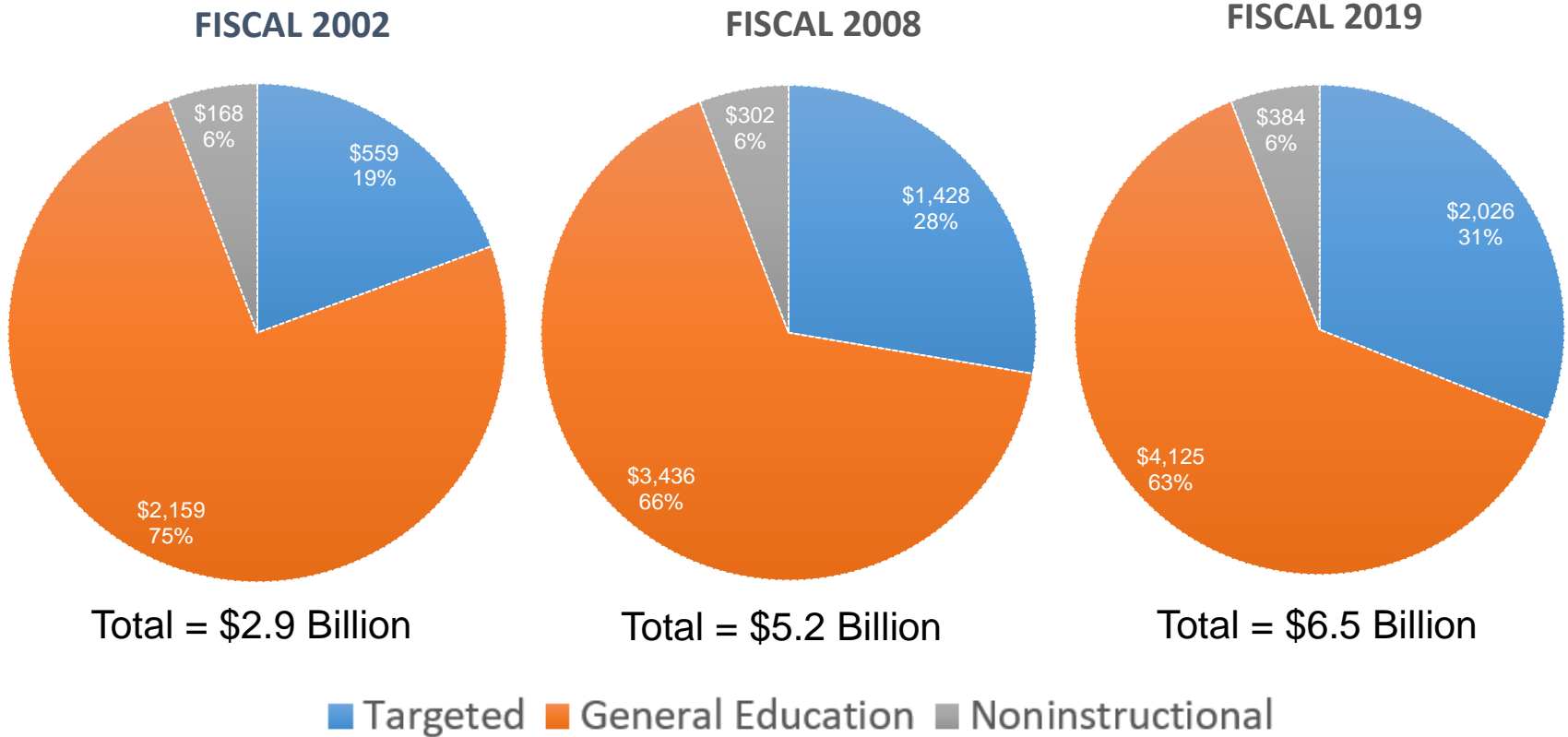
FTE: full-time equivalent

Noninstructional State Aid

- Student Transportation: Each local school system is required to provide transportation to and from school for all public school students
 - Transportation funding consists of a base grant that is adjusted annually and a per pupil grant based on the number of students with special transportation needs
- Other Noninstructional Aid: Includes early education, food service, and a variety of innovative programs

Most of State Aid is Targeted

(\$ in Millions)



Note: General education includes teachers' retirement. Noninstructional aid includes student transportation, food service, and other direct State aid.

Teacher Retirement Costs

- Prior to 2012, the State paid 100% of retirement costs
- In 2012, legislation required locals to share in the cost of retirement
- Retirement aid is not wealth equalized
- In fiscal 2019, local share totaled about 30%

State and Local Cost Share for Teacher Retirement Payments

(\$ in Millions)

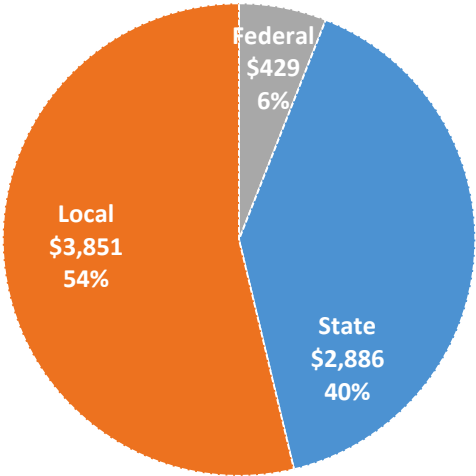
	FY 2018	FY 2019	Difference	Percent Difference
Salary Base (June 30, 2nd prior year)	\$6,080.5	\$6,239.2	\$158.7	2.6%
Actuary Salary Base Adjustment ¹	6,275.1	6,435.7	160.6	2.6%
Annual Contribution Rate	15.71%	15.43%	-0.28	
Employer Share	\$985.8	\$993.0	\$7.2	0.7%
Supplemental Payment	46.6	46.3	-0.3	-0.6%
Total Cost	\$1,032.4	\$1,039.4	\$6.9	0.7%
Local Shares				
Administrative Costs	\$17.5	\$22.6	\$5.1	29.4%
Local Board Retirement Payments	280.5	283.8	3.3	1.2%
State Share	734.5	732.9	-1.5	-0.2%
Total	\$1,032.4	\$1,039.4	\$6.9	0.7%

¹ 3.20% for fiscal 2018 and 3.15% for fiscal 2019

State Share of Total Revenue Has Increased

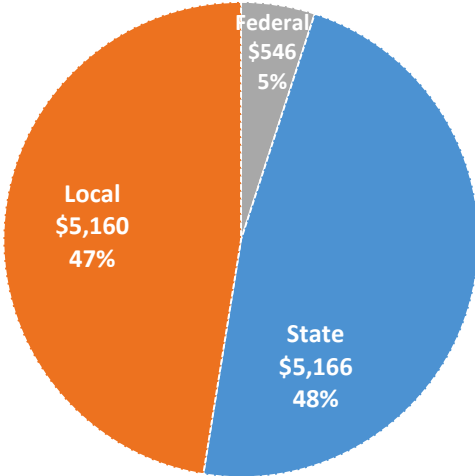
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FISCAL 2002



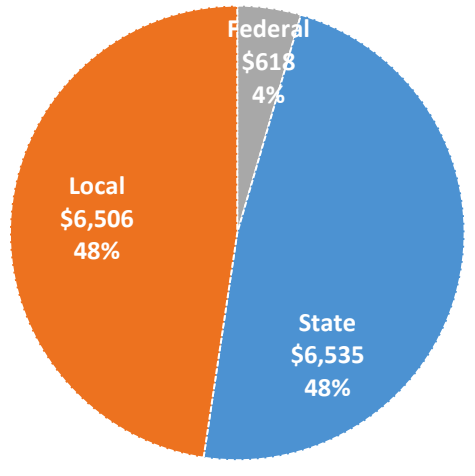
Total = \$7.2 Billion

FISCAL 2008



Total = \$10.9 Billion

FISCAL 2019



Total = \$13.7 Billion

Revenue Sources for Public Schools

Fiscal 2019

<u>County</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Ranking by Percent State</u>			<u>Ranking by Percent Local</u>		
Allegany	7.2%	69.1%	23.6%	1.	Caroline	74.9%	1.	Worcester	73.7%
Anne Arundel	3.6%	36.9%	59.5%	2.	Wicomico	72.0%	2.	Talbot	66.0%
Baltimore City	8.5%	69.9%	21.7%	3.	Baltimore City	69.9%	3.	Montgomery	64.5%
Baltimore	5.1%	45.6%	49.2%	4.	Somerset	69.9%	4.	Howard	64.4%
Calvert	4.0%	41.1%	54.9%	5.	Allegany	69.1%	5.	Anne Arundel	59.5%
Caroline	6.8%	74.9%	18.4%	6.	Dorchester	65.8%	6.	Kent	56.2%
Carroll	3.1%	42.1%	54.8%	7.	Washington	62.8%	7.	Queen Anne's	55.6%
Cecil	4.6%	56.6%	38.9%	8.	Prince George's	58.8%	8.	Calvert	54.9%
Charles	3.3%	51.0%	45.7%	9.	Cecil	56.6%	9.	Carroll	54.8%
Dorchester	6.6%	65.8%	27.6%	10.	Charles	51.0%	10.	Garrett	49.5%
Frederick	3.8%	48.3%	48.0%	11.	St. Mary's	49.0%	11.	Baltimore	49.2%
Garrett	5.6%	45.0%	49.5%	12.	Frederick	48.3%	12.	Harford	49.1%
Harford	4.0%	46.9%	49.1%	13.	Harford	46.9%	13.	Frederick	48.0%
Howard	2.4%	33.2%	64.4%	14.	Baltimore	45.6%	14.	Charles	45.7%
Kent	6.0%	37.8%	56.2%	15.	Garrett	45.0%	15.	St. Mary's	42.8%
Montgomery	2.9%	32.7%	64.5%	16.	Carroll	42.1%	16.	Cecil	38.9%
Prince George's	4.7%	58.8%	36.5%	17.	Calvert	41.1%	17.	Prince George's	36.5%
Queen Anne's	4.6%	39.8%	55.6%	18.	Queen Anne's	39.8%	18.	Washington	31.9%
St. Mary's	8.3%	49.0%	42.8%	19.	Kent	37.8%	19.	Dorchester	27.6%
Somerset	9.8%	69.9%	20.4%	20.	Anne Arundel	36.9%	20.	Allegany	23.6%
Talbot	5.5%	28.5%	66.0%	21.	Howard	33.2%	21.	Baltimore City	21.7%
Washington	5.3%	62.8%	31.9%	22.	Montgomery	32.7%	22.	Wicomico	21.1%
Wicomico	7.0%	72.0%	21.1%	23.	Talbot	28.5%	23.	Somerset	20.4%
Worcester	4.0%	22.3%	73.7%	24.	Worcester	22.3%	24.	Caroline	18.4%
Total	4.5%	47.6%	47.9%						

Source: Local School Budgets, Department of Legislative Services

Per Pupil Revenues for Public Schools

Fiscal 2019

<u>County</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Misc.</u>	<u>Total</u>	<u>Ranking by Total Per Pupil Funding</u>
Allegany	\$1,165	\$11,165	\$3,770	\$49	\$16,148	1. Worcester \$18,472
Anne Arundel	520	5,290	8,482	49	14,341	2. Somerset 18,353
Baltimore City	1,482	12,223	3,703	85	17,493	3. Baltimore City 17,493
Baltimore	780	6,951	7,426	73	15,231	4. Kent 17,239
Calvert	602	6,129	8,153	28	14,912	5. Montgomery 16,859
Caroline	1,005	11,118	2,617	112	14,852	6. Prince George's 16,664
Carroll	444	6,118	7,749	208	14,519	7. Howard 16,630
Cecil	666	8,223	5,616	32	14,537	8. Allegany 16,148
Charles	504	7,776	6,921	54	15,255	9. Dorchester 15,835
Dorchester	1,048	10,417	4,232	138	15,835	10. Charles 15,255
Frederick	525	6,744	6,571	130	13,970	11. Baltimore 15,231
Garrett	844	6,825	7,496	15	15,180	12. Garrett 15,180
Harford	551	6,465	6,666	94	13,776	13. Calvert 14,912
Howard	393	5,524	10,603	110	16,630	14. Wicomico 14,882
Kent	1,032	6,524	9,572	111	17,239	15. Caroline 14,852
Montgomery	481	5,507	10,807	64	16,859	16. Cecil 14,537
Prince George's	784	9,792	5,982	106	16,664	17. Carroll 14,519
Queen Anne's	647	5,559	7,584	181	13,970	18. St. Mary's 14,390
St. Mary's	1,188	7,046	6,092	64	14,390	19. Anne Arundel 14,341
Somerset	1,795	12,822	3,618	118	18,353	20. Washington 14,289
Talbot	775	4,010	9,251	29	14,066	21. Talbot 14,066
Washington	759	8,970	4,518	43	14,289	22. Queen Anne's 13,970
Wicomico	1,035	10,713	2,963	170	14,882	23. Frederick 13,970
Worcester	739	4,122	13,528	84	18,472	24. Harford 13,776
Total	\$713	\$7,543	\$7,507	\$85	\$15,848	

Note: Uses Fall 2018 total enrollment
Source: Local School Budgets, Department of Legislative Services

Direct Aid to Public Schools and Teachers' Retirement Payments Fiscal 2019

County	Direct Aid	Retirement	Ranking by		Ranking by	
			Per Pupil Direct Aid		Per Pupil Retirement	
Allegany	\$83,488,373	\$6,723,759	1. Somerset	\$12,064	1. Worcester	\$1,041
Anne Arundel	366,675,063	61,591,324	2. Baltimore City	11,426	2. Howard	1,001
Baltimore City	855,277,688	62,241,365	3. Caroline	10,391	3. Montgomery	993
Baltimore	676,754,670	87,121,525	4. Wicomico	10,316	4. Somerset	978
Calvert	82,055,366	12,971,692	5. Allegany	10,224	5. Kent	921
Caroline	56,825,741	4,516,195	6. Dorchester	9,700	6. Cecil	869
Carroll	132,403,025	19,019,050	7. Prince George's	8,980	7. Prince George's	858
Cecil	107,891,888	12,843,718	8. Washington	8,185	8. Calvert	840
Charles	183,779,157	20,932,663	9. Cecil	7,299	9. Baltimore City	832
Dorchester	43,901,514	3,681,006	10. Charles	7,045	10. Caroline	826
Frederick	248,855,307	30,546,998	11. St. Mary's	6,252	11. Allegany	823
Garrett	22,094,772	2,911,542	12. Baltimore	6,189	12. Wicomico	822
Harford	211,481,532	26,749,784	13. Frederick	6,107	13. Dorchester	813
Howard	257,184,478	55,443,007	14. Garrett	6,055	14. Charles	802
Kent	10,055,717	1,719,512	15. Harford	5,735	15. Garrett	798
Montgomery	712,288,911	155,859,060	16. Kent	5,389	16. Baltimore	797
Prince George's	1,140,518,225	108,999,822	17. Calvert	5,316	17. Queen Anne's	775
Queen Anne's	35,822,956	5,839,587	18. Carroll	5,310	18. Anne Arundel	767
St. Mary's	107,250,026	12,860,701	19. Queen Anne's	4,754	19. Carroll	763
Somerset	32,535,698	2,636,552	20. Howard	4,645	20. Talbot	756
Talbot	14,292,655	3,332,461	21. Anne Arundel	4,563	21. St. Mary's	750
Washington	179,259,886	16,020,341	22. Montgomery	4,537	22. Frederick	750
Wicomico	147,947,211	11,794,186	23. Talbot	3,244	23. Washington	731
Worcester	19,682,868	6,564,931	24. Worcester	3,122	24. Harford	725
Unallocated	73,271,649	0				
Total	\$5,801,594,376	\$732,920,781	State Average	\$6,740	State Average	\$851

State Aid Structure Results

Fiscal 2019

<u>Full-time Equivalent Enrollment</u>		<u>Targeted Student Index*</u>		<u>Local Wealth Per Pupil</u>		<u>Direct State Aid Per Pupil</u>	
1.Montgomery	156,995	1.Baltimore City	110.4%	24.Caroline	\$285,553	1.Somerset	\$12,064
2.Prince George's	127,013	2.Prince George's	92.7%	23.Wicomico	290,096	2.Baltimore City	11,426
3.Baltimore	109,343	3.Somerset	92.1%	22.Somerset	299,995	3.Caroline	10,391
4.Anne Arundel	80,350	4.Dorchester	80.3%	21.Allegany	311,141	4.Wicomico	10,316
5.Baltimore City	74,853	5.Wicomico	76.6%	20.Baltimore City	356,648	5.Allegany	10,224
6.Howard	55,372	6.Allegany	72.3%	19.Washington	361,300	6.Dorchester	9,700
7.Frederick	40,752	7.Kent	70.2%	18.Dorchester	363,407	7.Prince George's	8,980
8.Harford	36,877	8.Caroline	69.5%	17.Cecil	412,290	8.Washington	8,185
9.Charles	26,085	9.Baltimore	63.7%	16.Charles	413,436	9.Cecil	7,299
10.Carroll	24,935	10.Talbot	62.8%	15.Prince George's	417,971	10.Charles	7,045
11.Washington	21,901	11.Montgomery	61.9%	14.St. Mary's	455,895	11.St. Mary's	6,252
12.St. Mary's	17,155	12.Washington	61.4%	13.Frederick	462,192	12.Baltimore	6,189
13.Calvert	15,435	13.Cecil	59.2%	12.Harford	494,902	13.Frederick	6,107
14.Cecil	14,782	14.Worcester	56.8%	11.Calvert	508,365	14.Garrett	6,055
15.Wicomico	14,341	15.Garrett	55.5%	10.Carroll	511,298	15.Harford	5,735
16.Allegany	8,166	16.Charles	49.8%	9.Baltimore	518,552	16.Kent	5,389
17.Queen Anne's	7,536	17.Anne Arundel	48.2%	8.Howard	599,275	17.Calvert	5,316
18.Worcester	6,304	18.Harford	44.8%	7.Queen Anne's	621,736	18.Carroll	5,310
19.Caroline	5,469	19.St. Mary's	43.8%	6.Garrett	639,670	19.Queen Anne's	4,754
20.Dorchester	4,526	20.Frederick	43.3%	5.Anne Arundel	662,949	20.Howard	4,645
21.Talbot	4,406	21.Queen Anne's	39.4%	4.Montgomery	759,941	21.Anne Arundel	4,563
22.Garrett	3,649	22.Howard	36.7%	3.Kent	864,560	22.Montgomery	4,537
23.Somerset	2,697	23.Carroll	32.1%	2.Talbot	1,023,238	23.Talbot	3,244
24.Kent	1,866	24.Calvert	30.0%	1.Worcester	1,185,306	24.Worcester	3,122
Statewide	860,806	Statewide	64.5%	Statewide	\$538,872	Statewide	\$6,740

Note: Wealth based on November Net Taxable Income

State Aid for Education

Fiscal 2002 to 2020

(\$ in Thousands)

<u>Program</u>	<u>2002*</u>	<u>2008</u>	<u>2019</u>	<u>2020</u>
Foundation**	\$1,681,184	\$2,782,717	\$3,339,061	\$3,432,115
Compensatory Education	117,124	902,134	1,308,336	1,330,429
Special Education	81,253	280,044	290,813	303,250
Limited English Proficiency	29,965	126,168	288,041	311,080
Guaranteed Tax Base	0	78,890	48,170	43,685
Student Transportation	133,313	218,987	282,585	303,045
Kirwan Commission***			25,039	281,772
Subtotal	\$2,042,839	\$4,388,940	\$5,582,046	\$6,005,376
Other Direct State Education Aid	\$503,055	\$191,511	\$219,549	\$230,644
State Teacher Retirement Aid	\$328,222	\$566,448	\$732,921	\$767,889
Total	\$2,874,115	\$5,146,899	\$6,534,515	\$7,003,909

* Fiscal 2002 shows education funding prior to enactment of the Bridge to Excellence Act.

** Foundation in fiscal 2019 and 2020 includes Supplemental Grants, Geographic Cost of Education Grants, Net Taxable Income Grants, Declining Enrollment Grants, Hold Harmless Grants, and Tax Increment Financing Grants.

*** Fiscal 2019 includes State aid increases under Chapters 6 and 607 of 2017. Fiscal 2020 includes funding through these programs as well as programs that were enhanced, extended, and initiated under Chapter 771 of 2019. Declining Enrollment Grants under Chapters 6 and 607 of 2017 are included in the Foundation total.

Wealth Per Pupil Trends

<u>County</u>	<u>Full-time Enrollment</u>		<u>Wealth (\$ in Thousands)</u>		<u>Wealth Per Pupil (\$ in Thousands)</u>	
	<u>FY 2019</u>	<u>% Change Since FY 2008</u>	<u>FY 2019</u>	<u>% Change since FY 2008</u>	<u>FY 2019</u>	<u>% Change since FY 2008</u>
Allegany	8,166	-11%	\$2,512,411	23%	\$308	45%
Anne Arundel	80,350	11%	51,015,964	29%	635	26%
Baltimore City	74,853	-8%	25,587,904	35%	342	65%
Baltimore	109,343	7%	53,570,832	23%	490	21%
Calvert	15,435	-10%	7,688,466	23%	498	44%
Caroline	5,469	3%	1,533,187	20%	280	21%
Carroll	24,935	-14%	12,488,254	24%	501	49%
Cecil	14,782	-8%	5,994,846	22%	406	37%
Charles	26,085	1%	10,591,086	26%	406	34%
Dorchester	4,526	2%	1,615,893	16%	357	18%
Frederick	40,752	3%	18,356,813	26%	450	31%
Garrett	3,649	-24%	2,313,101	25%	634	66%
Harford	36,877	-5%	17,873,597	29%	485	48%
Howard	55,372	13%	31,815,055	31%	575	26%
Kent	1,866	-19%	1,557,036	24%	834	56%
Montgomery	156,995	14%	110,510,053	24%	704	13%
Prince George's	127,013	2%	52,193,030	30%	411	40%
Queen Anne's	7,536	1%	4,506,675	23%	598	29%
St. Mary's	17,155	8%	7,664,231	35%	447	42%
Somerset	2,697	-2%	795,067	15%	295	20%
Talbot	4,406	4%	4,287,845	17%	973	16%
Washington	21,901	4%	7,773,604	20%	355	20%
Wicomico	14,341	4%	4,072,825	12%	284	10%
Worcester	6,304	-3%	7,342,803	8%	1,165	12%
Total	860,806	4%	\$443,660,576	26%	\$515	30%

Targeted Populations Trends

<u>County</u>	Compensatory Education		English Language Learners		Special Education	
	<u>FY 2019</u>	<u>% Change since FY 2008</u>	<u>FY 2019</u>	<u>% Change since FY 2008</u>	<u>FY 2019</u>	<u>% Change since FY 2008</u>
Allegany	4,473	1%	15	7%	1,413	1%
Anne Arundel	24,705	72%	5,310	258%	8,674	-3%
Baltimore City	64,831	13%	4,951	275%	12,830	-9%
Baltimore	47,897	44%	6,840	131%	14,915	9%
Calvert	2,943	24%	141	4%	1,541	-26%
Caroline	2,823	24%	397	236%	580	-12%
Carroll	4,698	57%	315	99%	2,999	-13%
Cecil	6,191	52%	262	157%	2,302	0%
Charles	9,133	78%	668	315%	3,199	44%
Dorchester	3,002	47%	185	128%	449	-10%
Frederick	10,394	74%	2,569	132%	4,673	-3%
Garrett	1,626	-10%	9	N/A	389	-41%
Harford	10,959	48%	624	58%	4,949	-10%
Howard	11,645	116%	3,081	93%	5,598	18%
Kent	986	12%	62	-2%	261	-26%
Montgomery	51,646	63%	26,289	83%	19,321	12%
Prince George's	77,325	35%	25,391	145%	15,012	0%
Queen Anne's	1,848	70%	236	138%	882	-11%
St. Mary's	5,361	53%	267	152%	1,887	-12%
Somerset	1,960	30%	113	49%	411	14%
Talbot	1,954	76%	320	94%	494	25%
Washington	10,610	40%	496	39%	2,341	-12%
Wicomico	8,259	32%	979	257%	1,744	0%
Worcester	2,647	27%	136	-22%	800	15%
Total	367,916	41%	79,656	123%	107,664	1%

State Education Funding Trends

County	(\$ in Millions)			Average Annual % Change	
	FY 2002	FY 2008	FY 2019	FY 2002 to 2008	FY 2008 to 2019
Allegany	\$47.5	\$88.4	\$90.2	10.9%	0.2%
Anne Arundel	202.5	311.6	428.3	7.4%	2.9%
Baltimore City	582.5	885.7	917.5	7.2%	0.3%
Baltimore	305.2	569.7	763.9	11.0%	2.7%
Calvert	49.6	94.4	95.0	11.3%	0.1%
Caroline	24.4	45.1	61.3	10.7%	2.8%
Carroll	89.0	157.6	151.4	10.0%	-0.4%
Cecil	57.5	106.8	120.7	10.9%	1.1%
Charles	81.3	160.7	204.7	12.0%	2.2%
Dorchester	19.6	33.5	47.6	9.3%	3.2%
Frederick	113.4	221.3	279.4	11.8%	2.1%
Garrett	20.1	28.0	25.0	5.7%	-1.0%
Harford	127.9	231.2	238.2	10.4%	0.3%
Howard	117.5	221.9	312.6	11.2%	3.2%
Kent	9.0	11.5	11.8	4.1%	0.2%
Montgomery	277.2	509.8	868.1	10.7%	5.0%
Prince George's	512.9	992.5	1,249.5	11.6%	2.1%
Queen Anne's	20.8	33.8	41.7	8.5%	1.9%
St. Mary's	52.4	98.9	120.1	11.2%	1.8%
Somerset	13.9	25.4	35.2	10.6%	3.0%
Talbot	7.4	12.8	17.6	9.6%	3.0%
Washington	69.5	147.4	195.3	13.3%	2.6%
Wicomico	54.1	113.2	159.7	13.1%	3.2%
Worcester	11.0	22.3	26.2	12.4%	1.5%
State Total	\$2,866.2	\$5,123.5	\$6,461.2	10.2%	2.1%

Note: Includes transportation and other State aid programs not linked to adequacy. Excludes unallocated State aid.

Local Appropriations Trends

(\$ in Millions)

County	Local Appropriation			Average Annual % Change	
	FY 2002	FY 2008	FY 2019	2002 to 2008	2008 to 2019
Allegany	\$26.0	\$28.4	\$30.4	1.5%	0.6%
Anne Arundel	367.6	512.1	687.1	5.7%	2.7%
Baltimore City	210.3	207.9	278.4	-0.2%	2.7%
Baltimore	546.0	617.8	817.0	2.1%	2.6%
Calvert	68.9	95.4	126.4	5.6%	2.6%
Caroline	10.7	12.3	14.4	2.3%	1.5%
Carroll	107.2	149.2	192.4	5.7%	2.3%
Cecil	50.9	64.4	82.5	4.0%	2.3%
Charles	85.7	135.9	182.1	8.0%	2.7%
Dorchester	14.4	16.6	19.3	2.4%	1.4%
Frederick	149.6	228.2	272.4	7.3%	1.6%
Garrett	15.1	22.1	27.4	6.5%	2.0%
Harford	138.3	199.6	245.8	6.3%	1.9%
Howard	274.5	427.2	600.1	7.6%	3.1%
Kent	13.5	16.2	17.2	3.1%	0.6%
Montgomery	1,030.0	1,449.6	1,708.6	5.9%	1.5%
Prince George's	468.4	615.8	763.6	4.7%	2.0%
Queen Anne's	31.0	43.9	56.9	6.0%	2.4%
St. Mary's	52.5	76.0	103.9	6.4%	2.9%
Somerset	8.7	8.9	9.9	0.3%	1.0%
Talbot	24.1	31.7	40.7	4.7%	2.3%
Washington	69.6	85.6	98.5	3.5%	1.3%
Wicomico	43.7	49.4	44.2	2.1%	-1.0%
Worcester	44.5	66.3	86.7	6.9%	2.5%
State Total	\$3,851.1	\$5,160.5	\$6,505.8	5.0%	2.1%

Fiscal 2002 to 2015 Adequacy Estimates

<u>County</u>	<u>Adequacy Gap (\$ in Millions)</u>			<u>Adequacy Gap Per Pupil</u>			<u>Percent of Adequacy Funded</u>		
	<u>FY 2002</u>	<u>FY 2008</u>	<u>FY 2015</u>	<u>FY 2002</u>	<u>FY 2008</u>	<u>FY 2015</u>	<u>FY 2002</u>	<u>FY 2008</u>	<u>FY 2015</u>
Allegany	\$22.3	\$0.0	\$13.9	\$2,258	\$0	\$1,669	77.8%	107.0%	89.4%
Anne Arundel	43.6	0.0	92.2	589	0	1,190	92.8%	110.4%	91.4%
Baltimore City	270.4	0.0	290.1	2,864	0	3,611	76.3%	100.5%	81.7%
Baltimore	65.2	0.0	233.4	627	0	2,199	92.9%	103.1%	85.7%
Calvert	10.8	0.0	0.0	662	0	0	91.6%	111.3%	105.5%
Caroline	17.0	6.6	19.2	3,149	1,232	3,621	68.1%	89.7%	77.6%
Carroll	19.9	0.0	0.0	715	0	0	90.5%	113.0%	100.6%
Cecil	24.1	0.0	29.8	1,545	0	1,993	82.0%	100.7%	86.4%
Charles	30.1	0.0	16.8	1,295	0	660	84.6%	109.5%	95.2%
Dorchester	10.9	2.7	14.2	2,346	616	3,094	76.9%	95.0%	81.2%
Frederick	32.6	0.0	35.8	874	0	902	88.9%	109.2%	93.2%
Garrett	9.2	1.1	3.1	1,942	239	845	79.8%	97.9%	94.1%
Harford	51.4	0.0	55.1	1,316	0	1,499	83.7%	106.9%	88.8%
Howard	0.0	0.0	0.0	0	0	0	107.9%	137.2%	121.4%
Kent	0.9	0.0	1.6	336	0	802	96.5%	105.9%	94.8%
Montgomery	0.0	0.0	75.2	0	0	500	107.1%	124.0%	96.7%
Prince George's	383.8	79.6	552.1	2,906	646	4,529	71.6%	95.0%	75.3%
Queen Anne's	4.9	0.0	9.5	696	0	1,269	91.5%	102.1%	90.3%
St. Mary's	18.6	1.4	24.8	1,258	84	1,462	85.3%	99.2%	89.0%
Somerset	5.3	0.0	6.6	1,842	0	2,407	82.2%	103.3%	86.2%
Talbot	5.6	0.6	12.0	1,274	134	2,755	85.5%	98.7%	81.2%
Washington	30.5	8.4	43.8	1,557	394	2,012	82.5%	96.5%	86.4%
Wicomico	27.7	6.7	46.8	1,974	463	3,214	78.5%	96.1%	79.7%
Worcester	2.5	0.0	0.0	380	0	0	95.7%	128.8%	115.2%
State Total	\$1,087.4	\$106.9	\$1,576.0	\$1,293	\$131	\$1,866	86.0%	98.9%	87.9%

Note: State totals exclude funding that exceeds adequacy targets.