
Carroll County Public Education Funding

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

September 7, 2016

Per Pupil Revenues for Public Schools in Fiscal 2016

<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	\$1,038	\$10,246	\$3,588	\$54	\$14,926	1. Worcester \$17,606
Anne Arundel	515	5,143	7,932	39	13,628	2. Baltimore City 16,715
Baltimore City	1,284	12,051	3,262	118	16,715	3. Somerset 16,304
Baltimore	677	6,559	6,974	97	14,307	4. Kent 15,973
Calvert	508	6,010	7,361	25	13,904	5. Howard 15,930
Caroline	868	10,283	2,595	88	13,833	6. Prince George's 15,693
Carroll	441	6,003	6,998	121	13,563	7. Montgomery 15,664
Cecil	567	7,498	5,281	30	13,376	8. Allegany 14,926
Charles	610	7,210	6,521	67	14,408	9. Dorchester 14,857
Dorchester	797	9,681	4,200	179	14,857	10. Garrett 14,828
Frederick	490	6,696	6,060	124	13,369	11. Charles 14,408
Garrett	859	6,462	7,222	285	14,828	12. Baltimore 14,307
Harford	595	6,309	6,228	103	13,235	13. Calvert 13,904
Howard	351	5,319	10,138	122	15,930	14. Caroline 13,833
Kent	854	5,917	9,117	85	15,973	15. Wicomico 13,690
Montgomery	473	5,204	9,916	71	15,664	16. Anne Arundel 13,628
Prince George's	835	9,277	5,433	148	15,693	17. Carroll 13,563
Queen Anne's	673	5,334	7,083	151	13,241	18. Washington 13,535
St. Mary's	844	6,649	5,783	45	13,322	19. Cecil 13,376
Somerset	1,175	11,631	3,459	38	16,304	20. Frederick 13,369
Talbot	732	3,953	8,229	15	12,928	21. Queen Anne's 13,322
Washington	713	8,409	4,366	48	13,535	22. St. Mary's 13,241
Wicomico	842	9,905	2,798	144	13,690	23. Harford 13,235
Worcester	829	4,196	12,545	36	17,606	24. Talbot 12,928
Total	\$675	\$7,243	\$6,914	\$95	\$14,927	

Source: Local School Budgets, Department of Legislative Services

State Funding for Public Schools in Fiscal 2016

County	2015 Total Enrollment	Total State Aid	Per Pupil	<u>Ranking by Per Pupil Aid</u>	
Allegany	8,317	\$85,215,339	\$10,246	1.	Baltimore City \$12,051
Anne Arundel	78,233	402,322,505	5,143	2.	Somerset 11,631
Baltimore City	79,158	953,897,327	12,051	3.	Caroline 10,283
Baltimore	107,378	704,277,368	6,559	4.	Allegany 10,246
Calvert	15,607	93,797,000	6,010	5.	Wicomico 9,905
Caroline	5,305	54,549,236	10,283	6.	Dorchester 9,681
Carroll	25,178	151,142,129	6,003	7.	Prince George's 9,277
Cecil	15,102	113,236,699	7,498	8.	Washington 8,409
Charles	25,475	183,668,093	7,210	9.	Cecil 7,498
Dorchester	4,515	43,709,727	9,681	10.	Charles 7,210
Frederick	39,478	264,340,862	6,696	11.	Frederick 6,696
Garrett	3,682	23,793,478	6,462	12.	St. Mary's 6,649
Harford	36,640	231,149,392	6,309	13.	Baltimore 6,559
Howard	53,674	285,493,680	5,319	14.	Garrett 6,462
Kent	1,912	11,313,344	5,917	15.	Harford 6,309
Montgomery	152,043	791,221,508	5,204	16.	Calvert 6,010
Prince George's	123,191	1,142,814,415	9,277	17.	Carroll 6,003
Queen Anne's	7,462	39,801,150	5,334	18.	Kent 5,917
St. Mary's	16,948	112,689,213	6,649	19.	Queen Anne's 5,334
Somerset	2,716	31,591,046	11,631	20.	Howard 5,319
Talbot	4,401	17,395,818	3,953	21.	Montgomery 5,204
Washington	21,724	182,674,671	8,409	22.	Anne Arundel 5,143
Wicomico	14,762	146,222,589	9,905	23.	Worcester 4,196
Worcester	6,275	26,332,501	4,196	24.	Talbot 3,953
Unallocated		57,745,030	68		
Total	849,176	\$6,150,394,120	\$7,243		

Source: Local School Budgets, Department of Legislative Services

Local Funding for Public Schools in Fiscal 2016

County	2015 Total Enrollment	Local Appropriation	Per Pupil	<u>Ranking by Per Pupil Funding</u>	
Allegany	8,317	\$29,837,545	\$3,588	1.	Worcester \$12,545
Anne Arundel	78,233	620,575,900	7,932	2.	Howard 10,138
Baltimore City	79,158	258,212,181	3,262	3.	Montgomery 9,916
Baltimore	107,378	748,849,077	6,974	4.	Kent 9,117
Calvert	15,607	114,876,122	7,361	5.	Talbot 8,229
Caroline	5,305	13,765,180	2,595	6.	Anne Arundel 7,932
Carroll	25,178	176,202,000	6,998	7.	Calvert 7,361
Cecil	15,102	79,750,778	5,281	8.	Garrett 7,222
Charles	25,475	166,121,100	6,521	9.	Queen Anne's 7,083
Dorchester	4,515	18,963,336	4,200	10.	Carroll 6,998
Frederick	39,478	239,238,105	6,060	11.	Baltimore 6,974
Garrett	3,682	26,590,600	7,222	12.	Charles 6,521
Harford	36,640	228,208,971	6,228	13.	Harford 6,228
Howard	53,674	544,144,625	10,138	14.	Frederick 6,060
Kent	1,912	17,432,020	9,117	15.	St. Mary's 5,783
Montgomery	152,043	1,507,631,597	9,916	16.	Prince George's 5,433
Prince George's	123,191	669,292,125	5,433	17.	Cecil 5,281
Queen Anne's	7,462	52,850,293	7,083	18.	Washington 4,366
St. Mary's	16,948	98,015,001	5,783	19.	Dorchester 4,200
Somerset	2,716	9,395,088	3,459	20.	Allegany 3,588
Talbot	4,401	36,216,540	8,229	21.	Somerset 3,459
Washington	21,724	94,844,030	4,366	22.	Baltimore City 3,262
Wicomico	14,762	41,306,646	2,798	23.	Wicomico 2,798
Worcester	6,275	78,718,960	12,545	24.	Caroline 2,595
Total	849,176	\$5,871,037,820	\$6,914		

Source: Maryland State Department of Education, Local School Budgets, Department of Legislative Services

Factors Affecting Local Education Needs

Fiscal 2017

<u>At-risk Student Index</u>		<u>Local Wealth Per Pupil</u>		<u>Direct Education Aid Per Pupil</u>	
1. Baltimore City	108.5%	24. Wicomico	\$278,266	1. Baltimore City	\$11,285
2. Somerset	91.9%	23. Caroline	286,009	2. Somerset	10,945
3. Prince George's	91.0%	22. Somerset	297,340	3. Wicomico	9,888
4. Dorchester	80.6%	21. Allegany	304,595	4. Caroline	9,784
5. Wicomico	76.0%	20. Baltimore City	321,288	5. Allegany	9,609
6. Caroline	73.0%	19. Washington	351,976	6. Dorchester	9,057
7. Allegany	72.4%	18. Dorchester	360,325	7. Prince George's	8,881
8. Kent	67.2%	17. Prince George's	388,709	8. Washington	7,763
9. Baltimore	63.6%	16. Cecil	389,322	9. Cecil	7,068
10. Cecil	60.8%	15. Charles	404,164	10. Charles	6,597
11. Washington	60.6%	14. Frederick	440,342	11. Garrett	6,005
12. Montgomery	60.2%	13. St. Mary's	443,232	12. St. Mary's	5,967
13. Talbot	60.1%	12. Harford	469,741	13. Baltimore	5,940
14. Worcester	58.8%	11. Calvert	479,660	14. Frederick	5,929
15. Garrett	57.3%	10. Carroll	479,791	15. Harford	5,646
16. Anne Arundel	48.3%	9. Baltimore	507,517	16. Carroll	5,375
17. Charles	47.9%	8. Howard	578,584	17. Calvert	5,333
18. Harford	45.4%	7. Queen Anne's	587,536	18. Kent	5,148
19. St. Mary's	43.5%	6. Garrett	622,833	19. Queen Anne's	4,623
20. Frederick	42.0%	5. Anne Arundel	625,504	20. Anne Arundel	4,517
21. Queen Anne's	39.9%	4. Montgomery	735,768	21. Howard	4,495
22. Howard	35.3%	3. Kent	852,043	22. Montgomery	4,372
23. Calvert	33.0%	2. Talbot	1,027,063	23. Talbot	3,221
24. Carroll	32.2%	1. Worcester	1,126,837	24. Worcester	3,146
Statewide	63.9%	Statewide	\$513,532	Statewide	\$6,553

Student Enrollment Growth and Local Wealth Impact State Education Aid

Annual Percent Change - Fiscal 2017

<u>Student Enrollment</u>		<u>Local Wealth Per Pupil</u>		<u>Direct Education Aid</u>		<u>Direct Education Aid Excluding Special Foundation Grants</u>	
1. Howard	2.0%	24. Talbot	-1.4%	1. Cecil	6.2%	1. Cecil	6.2%
2. Wicomico	1.3%	23. Caroline	0.5%	2. Garrett	6.2%	2. Wicomico	5.0%
3. Montgomery	1.2%	22. Wicomico	0.6%	3. Wicomico	5.0%	3. Howard	4.8%
4. Baltimore	1.1%	21. Cecil	1.0%	4. Howard	4.8%	4. Prince George's	4.6%
5. Cecil	1.1%	20. Worcester	1.2%	5. Prince George's	4.6%	5. Montgomery	4.2%
6. Prince George's	1.1%	19. Baltimore	1.5%	6. Montgomery	4.2%	6. Anne Arundel	3.8%
7. Anne Arundel	1.0%	18. Dorchester	1.8%	7. Calvert	4.2%	7. Charles	3.5%
8. Talbot	0.7%	17. Allegany	1.8%	8. Anne Arundel	3.8%	8. Caroline	3.4%
9. Charles	0.2%	16. Washington	1.8%	9. Charles	3.5%	9. Calvert	2.8%
10. Caroline	0.2%	15. Calvert	1.9%	10. Caroline	3.4%	10. Baltimore	2.6%
11. Worcester	0.0%	14. St. Mary's	2.0%	11. Carroll	3.1%	11. Allegany	2.2%
12. St. Mary's	-0.1%	13. Queen Anne's	2.3%	12. Baltimore	2.6%	12. Somerset	2.1%
13. Calvert	-0.2%	12. Garrett	2.4%	13. Allegany	2.2%	13. Dorchester	1.6%
14. Queen Anne's	-0.2%	11. Anne Arundel	2.5%	14. Somerset	2.1%	14. St. Mary's	1.5%
15. Washington	-0.2%	10. Prince George's	2.7%	15. Kent	1.9%	15. Washington	1.5%
16. Harford	-0.3%	9. Somerset	2.7%	16. Dorchester	1.6%	16. Queen Anne's	1.5%
17. Somerset	-0.5%	8. Harford	2.8%	17. St. Mary's	1.5%	17. Talbot	1.3%
18. Allegany	-0.6%	7. Howard	3.6%	18. Washington	1.5%	18. Harford	1.2%
19. Frederick	-0.7%	6. Charles	3.8%	19. Queen Anne's	1.5%	19. Frederick	0.8%
20. Garrett	-0.8%	5. Montgomery	4.1%	20. Talbot	1.3%	20. Carroll	0.1%
21. Carroll	-1.3%	4. Carroll	4.2%	21. Harford	1.2%	21. Garrett	0.0%
22. Dorchester	-1.6%	3. Kent	4.5%	22. Frederick	0.8%	22. Worcester	-0.6%
23. Baltimore City	-2.4%	2. Frederick	4.7%	23. Worcester	-0.6%	23. Kent	-1.9%
24. Kent	-3.0%	1. Baltimore City	9.7%	24. Baltimore City	-1.4%	24. Baltimore City	-2.9%
Statewide	0.4%	Statewide	3.5%	Statewide	2.2%	Statewide	1.9%

Note: Five local school systems receive special grants under the foundation program in FY 2017: Baltimore City (\$12.7 million), Calvert County (\$1.1 million), Carroll County (\$4.0 million), Garrett County (\$1.3 million), and Kent County (\$365,000).

Full-time Enrollment Actuals and Projections
Fiscal 2012-2021

<u>County</u>	<u>Actual</u> <u>2012-2017</u>	<u>Estimate</u> <u>2017-2021</u>
Allegany	-3%	-1%
Anne Arundel	6%	4%
Baltimore City	-1%	3%
Baltimore	7%	5%
Calvert	-5%	-2%
Caroline	3%	4%
Carroll	-7%	-5%
Cecil	-2%	0%
Charles	-2%	6%
Dorchester	3%	7%
Frederick	1%	0%
Garrett	-10%	-3%
Harford	-3%	-1%
Howard	7%	7%
Kent	-6%	1%
Montgomery	8%	3%
Prince George's	3%	3%
Queen Anne's	0%	4%
St. Mary's	3%	8%
Somerset	0%	3%
Talbot	3%	2%
Washington	0%	2%
Wicomico	3%	2%
Worcester	-1%	1%
Statewide	3%	3%

Note: Enrollment estimates for fiscal 2017 through 2021 are based on adjusted projections by the Maryland Department of Planning.
Source: Maryland Department of Planning; Department of Legislative Services

Full-time Enrollment Changes
Fiscal 2012-2021

<u>County</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Allegany	-2.0%	-1.2%	-0.1%	-1.1%	0.2%	-0.6%	<i>-0.5%</i>	<i>0.8%</i>	<i>-0.8%</i>	<i>-0.4%</i>
Anne Arundel	1.0%	0.9%	1.5%	1.0%	1.4%	1.0%	<i>1.0%</i>	<i>1.1%</i>	<i>1.0%</i>	<i>1.0%</i>
Baltimore City	0.9%	0.3%	0.5%	0.1%	0.2%	-2.4%	<i>0.8%</i>	<i>0.9%</i>	<i>0.9%</i>	<i>0.4%</i>
Baltimore	0.8%	0.9%	1.7%	1.3%	1.5%	1.1%	<i>1.4%</i>	<i>1.4%</i>	<i>1.1%</i>	<i>1.3%</i>
Calvert	-1.5%	-1.5%	-1.6%	-0.4%	-1.4%	-0.2%	<i>-0.5%</i>	<i>-0.5%</i>	<i>-0.5%</i>	<i>-0.7%</i>
Caroline	-1.0%	0.9%	0.0%	0.3%	1.1%	0.2%	<i>1.1%</i>	<i>1.7%</i>	<i>0.4%</i>	<i>0.5%</i>
Carroll	-1.3%	-1.0%	-1.7%	-1.4%	-1.7%	-1.3%	<i>-1.8%</i>	<i>-0.6%</i>	<i>-1.3%</i>	<i>-1.1%</i>
Cecil	-1.7%	-0.7%	-1.5%	0.6%	-1.1%	1.1%	<i>-0.2%</i>	<i>0.2%</i>	<i>0.1%</i>	<i>-0.1%</i>
Charles	0.2%	-0.3%	-0.6%	-0.8%	-0.4%	0.2%	<i>0.7%</i>	<i>2.1%</i>	<i>1.0%</i>	<i>1.7%</i>
Dorchester	-0.9%	0.4%	1.3%	1.3%	1.5%	-1.6%	<i>1.5%</i>	<i>3.0%</i>	<i>1.7%</i>	<i>0.8%</i>
Frederick	0.3%	0.4%	0.1%	0.3%	0.5%	-0.7%	<i>0.3%</i>	<i>0.2%</i>	<i>-0.1%</i>	<i>0.2%</i>
Garrett	-2.4%	-3.5%	-0.6%	-3.4%	-2.0%	-0.8%	<i>-1.4%</i>	<i>-0.6%</i>	<i>-0.6%</i>	<i>-0.8%</i>
Harford	-0.3%	-0.4%	-0.9%	-0.1%	-0.8%	-0.3%	<i>-0.2%</i>	<i>0.0%</i>	<i>-0.7%</i>	<i>0.2%</i>
Howard	0.6%	1.1%	0.9%	1.3%	1.6%	2.0%	<i>1.4%</i>	<i>2.0%</i>	<i>1.6%</i>	<i>1.4%</i>
Kent	-1.2%	0.3%	-1.6%	-0.7%	-1.3%	-3.0%	<i>-0.5%</i>	<i>-0.5%</i>	<i>2.6%</i>	<i>-1.0%</i>
Montgomery	1.6%	1.6%	1.5%	1.8%	1.8%	1.2%	<i>1.4%</i>	<i>0.8%</i>	<i>0.4%</i>	<i>0.8%</i>
Prince George's	-0.3%	-1.5%	-0.2%	1.3%	2.0%	1.1%	<i>0.3%</i>	<i>0.9%</i>	<i>0.9%</i>	<i>0.8%</i>
Queen Anne's	0.2%	0.3%	-0.1%	-0.4%	0.1%	-0.2%	<i>1.5%</i>	<i>1.2%</i>	<i>0.5%</i>	<i>0.5%</i>
St. Mary's	0.4%	1.8%	-0.3%	1.2%	0.4%	-0.1%	<i>2.2%</i>	<i>1.7%</i>	<i>2.0%</i>	<i>1.8%</i>
Somerset	-0.1%	-0.9%	1.8%	0.1%	0.0%	-0.5%	<i>1.4%</i>	<i>-0.4%</i>	<i>2.9%</i>	<i>-0.7%</i>
Talbot	-0.4%	0.4%	0.1%	0.5%	1.7%	0.7%	<i>0.2%</i>	<i>1.3%</i>	<i>0.0%</i>	<i>0.2%</i>
Washington	1.2%	0.4%	0.8%	0.2%	-0.8%	-0.2%	<i>0.5%</i>	<i>0.8%</i>	<i>0.0%</i>	<i>0.9%</i>
Wicomico	-0.9%	0.6%	0.4%	-0.2%	1.0%	1.3%	<i>1.0%</i>	<i>0.8%</i>	<i>0.0%</i>	<i>0.5%</i>
Worcester	0.8%	-1.2%	0.0%	0.1%	0.2%	0.0%	<i>1.0%</i>	<i>0.2%</i>	<i>0.6%</i>	<i>-0.8%</i>
Statewide	0.4%	0.3%	0.6%	0.8%	0.9%	0.4%	0.8%	0.9%	0.6%	0.7%

Note: Italicized enrollment for fiscal 2018-2021 are projections based on adjusted projections by the Maryland Department of Planning.

Local Wealth for Calculation of State Aid to Public Schools in Fiscal 2017 (\$ in Thousands)

County	Property Based Wealth	Income Based Wealth	Total	Percent Property	Percent Income	<u>Percent Property</u>
Allegany	\$1,594,878	\$928,616	\$2,523,495	63.2%	36.8%	1. Worcester 84.6%
Anne Arundel	32,369,675	16,451,849	48,821,524	66.3%	33.7%	2. Garrett 80.4%
Baltimore City	15,695,335	9,231,171	24,926,506	63.0%	37.0%	3. Talbot 74.5%
Baltimore	32,231,960	22,125,142	54,357,102	59.3%	40.7%	4. Somerset 72.8%
Calvert	5,061,529	2,406,425	7,467,954	67.8%	32.2%	5. Kent 72.7%
Caroline	1,055,016	461,687	1,516,704	69.6%	30.4%	6. Dorchester 71.9%
Carroll	7,537,345	4,535,399	12,072,745	62.4%	37.6%	7. Queen Anne's 70.2%
Cecil	3,944,180	1,932,542	5,876,722	67.1%	32.9%	8. Caroline 69.6%
Charles	6,704,534	3,589,818	10,294,352	65.1%	34.9%	9. Calvert 67.8%
Dorchester	1,166,847	455,065	1,621,911	71.9%	28.1%	10. Prince George's 67.1%
Frederick	10,870,293	6,475,312	17,345,605	62.7%	37.3%	11. Cecil 67.1%
Garrett	1,844,026	449,244	2,293,271	80.4%	19.6%	12. Anne Arundel 66.3%
Harford	10,976,416	6,232,294	17,208,709	63.8%	36.2%	13. Washington 66.2%
Howard	19,110,235	11,864,668	30,974,903	61.7%	38.3%	14. St. Mary's 65.5%
Kent	1,184,335	443,919	1,628,254	72.7%	27.3%	15. Charles 65.1%
Montgomery	70,700,555	41,095,505	111,796,060	63.2%	36.8%	16. Harford 63.8%
Prince George's	32,066,469	15,708,107	47,774,575	67.1%	32.9%	17. Montgomery 63.2%
Queen Anne's	3,077,373	1,306,381	4,383,753	70.2%	29.8%	18. Allegany 63.2%
St. Mary's	4,914,244	2,591,884	7,506,128	65.5%	34.5%	19. Baltimore City 63.0%
Somerset	586,605	219,633	806,238	72.8%	27.2%	20. Wicomico 62.8%
Talbot	3,368,518	1,151,074	4,519,591	74.5%	25.5%	21. Frederick 62.7%
Washington	5,054,084	2,585,638	7,639,721	66.2%	33.8%	22. Carroll 62.4%
Wicomico	2,491,263	1,476,531	3,967,793	62.8%	37.2%	23. Howard 61.7%
Worcester	5,969,595	1,083,280	7,052,875	84.6%	15.4%	24. Baltimore 59.3%
Statewide	\$279,575,308	\$154,801,185	\$434,376,493	64.4%	35.6%	

County Government Tax Revenue Sources

Fiscal 2014

County	Property Based Wealth	Income Based Wealth	Total	Percent Property	Percent Income	<u>Percent Property</u>
Allegany	\$44,967,189	\$24,112,733	\$69,079,922	65.1%	34.9%	1. Worcester 89.6%
Anne Arundel	637,652,631	435,870,098	1,073,522,729	59.4%	40.6%	2. Garrett 82.6%
Baltimore City	763,890,071	287,219,970	1,051,110,041	72.7%	27.3%	3. Baltimore City 72.7%
Baltimore	857,877,446	667,924,145	1,525,801,591	56.2%	43.8%	4. Dorchester 71.0%
Calvert	138,767,620	66,768,748	205,536,368	67.5%	32.5%	5. Somerset 69.9%
Caroline	24,547,099	11,461,356	36,008,455	68.2%	31.8%	6. Kent 68.8%
Carroll	195,528,915	131,559,061	327,087,976	59.8%	40.2%	7. Caroline 68.2%
Cecil	102,794,019	50,800,381	153,594,400	66.9%	33.1%	8. Charles 68.1%
Charles	212,757,214	99,513,353	312,270,567	68.1%	31.9%	9. Calvert 67.5%
Dorchester	30,035,415	12,258,240	42,293,655	71.0%	29.0%	10. Cecil 66.9%
Frederick	267,846,124	174,145,880	441,992,004	60.6%	39.4%	11. Prince George's 65.8%
Garrett	52,123,212	10,992,150	63,115,362	82.6%	17.4%	12. Allegany 65.1%
Harford	284,936,005	190,046,279	474,982,284	60.0%	40.0%	13. Washington 63.7%
Howard	538,238,599	392,660,793	930,899,392	57.8%	42.2%	14. Queen Anne's 61.6%
Kent	30,212,617	13,696,595	43,909,212	68.8%	31.2%	15. Frederick 60.6%
Montgomery	1,550,136,719	1,376,763,653	2,926,900,372	53.0%	47.0%	16. Harford 60.0%
Prince George's	947,222,385	492,264,430	1,439,486,815	65.8%	34.2%	17. Carroll 59.8%
Queen Anne's	64,701,622	40,326,921	105,028,543	61.6%	38.4%	18. Anne Arundel 59.4%
St. Mary's	103,011,131	77,384,719	180,395,850	57.1%	42.9%	19. Wicomico 58.3%
Somerset	14,650,188	6,296,565	20,946,753	69.9%	30.1%	20. Howard 57.8%
Talbot	33,660,872	27,108,102	60,768,974	55.4%	44.6%	21. St. Mary's 57.1%
Washington	120,678,207	68,864,506	189,542,713	63.7%	36.3%	22. Baltimore 56.2%
Wicomico	60,958,517	43,553,322	104,511,839	58.3%	41.7%	23. Talbot 55.4%
Worcester	117,311,193	13,673,793	130,984,986	89.6%	10.4%	24. Montgomery 53.0%
Statewide	\$7,194,505,010	\$4,715,265,793	\$11,909,770,803	60.4%	39.6%	

Wealth Per Pupil for State Education Aid Programs Fiscal 2016 and 2017

<u>County</u>	<u>Fiscal 2016</u>	<u>Fiscal 2017</u>	<u>Percent Difference</u>	<u>Ranking by Per Pupil Wealth</u>		<u>Ranking by Percent Difference</u>	
Allegany	\$299,197	\$304,595	1.8%	1. Worcester	\$1,126,837	1. Baltimore City	9.7%
Anne Arundel	610,015	625,504	2.5%	2. Talbot	1,027,063	2. Frederick	4.7%
Baltimore City	292,864	321,288	9.7%	3. Kent	852,043	3. Kent	4.5%
<u>Baltimore</u>	<u>500,086</u>	<u>507,517</u>	<u>1.5%</u>	4. Montgomery	735,768	4. Carroll	4.2%
Calvert	470,644	479,660	1.9%	5. Anne Arundel	625,504	5. Montgomery	4.1%
Caroline	284,456	286,009	0.5%	6. Garrett	622,833	6. Charles	3.8%
Carroll	460,527	479,791	4.2%	7. Queen Anne's	587,536	7. Howard	3.6%
<u>Cecil</u>	<u>385,432</u>	<u>389,322</u>	<u>1.0%</u>	8. Howard	578,584	8. Harford	2.8%
Charles	389,280	404,164	3.8%	9. Baltimore	507,517	9. Somerset	2.7%
Dorchester	353,979	360,325	1.8%	10. Carroll	479,791	10. Prince George's	2.7%
Frederick	420,738	440,342	4.7%	11. Calvert	479,660	11. Anne Arundel	2.5%
<u>Garrett</u>	<u>608,084</u>	<u>622,833</u>	<u>2.4%</u>	12. Harford	469,741	12. Garrett	2.4%
Harford	457,132	469,741	2.8%	13. St. Mary's	443,232	13. Queen Anne's	2.3%
Howard	558,318	578,584	3.6%	14. Frederick	440,342	14. St. Mary's	2.0%
Kent	815,518	852,043	4.5%	15. Charles	404,164	15. Calvert	1.9%
<u>Montgomery</u>	<u>706,889</u>	<u>735,768</u>	<u>4.1%</u>	16. Cecil	389,322	16. Washington	1.8%
Prince George's	378,600	388,709	2.7%	17. Prince George's	388,709	17. Allegany	1.8%
Queen Anne's	574,248	587,536	2.3%	18. Dorchester	360,325	18. Dorchester	1.8%
St. Mary's	434,423	443,232	2.0%	19. Washington	351,976	19. Baltimore	1.5%
<u>Somerset</u>	<u>289,596</u>	<u>297,340</u>	<u>2.7%</u>	20. Baltimore City	321,288	20. Worcester	1.2%
Talbot	1,041,921	1,027,063	-1.4%	21. Allegany	304,595	21. Cecil	1.0%
Washington	345,731	351,976	1.8%	22. Somerset	297,340	22. Wicomico	0.6%
Wicomico	276,605	278,266	0.6%	23. Caroline	286,009	23. Caroline	0.5%
<u>Worcester</u>	<u>1,113,630</u>	<u>1,126,837</u>	<u>1.2%</u>	24. Wicomico	278,266	24. Talbot	-1.4%
Total	\$496,206	\$513,532	3.5%	Statewide	\$513,532	Statewide	3.5%

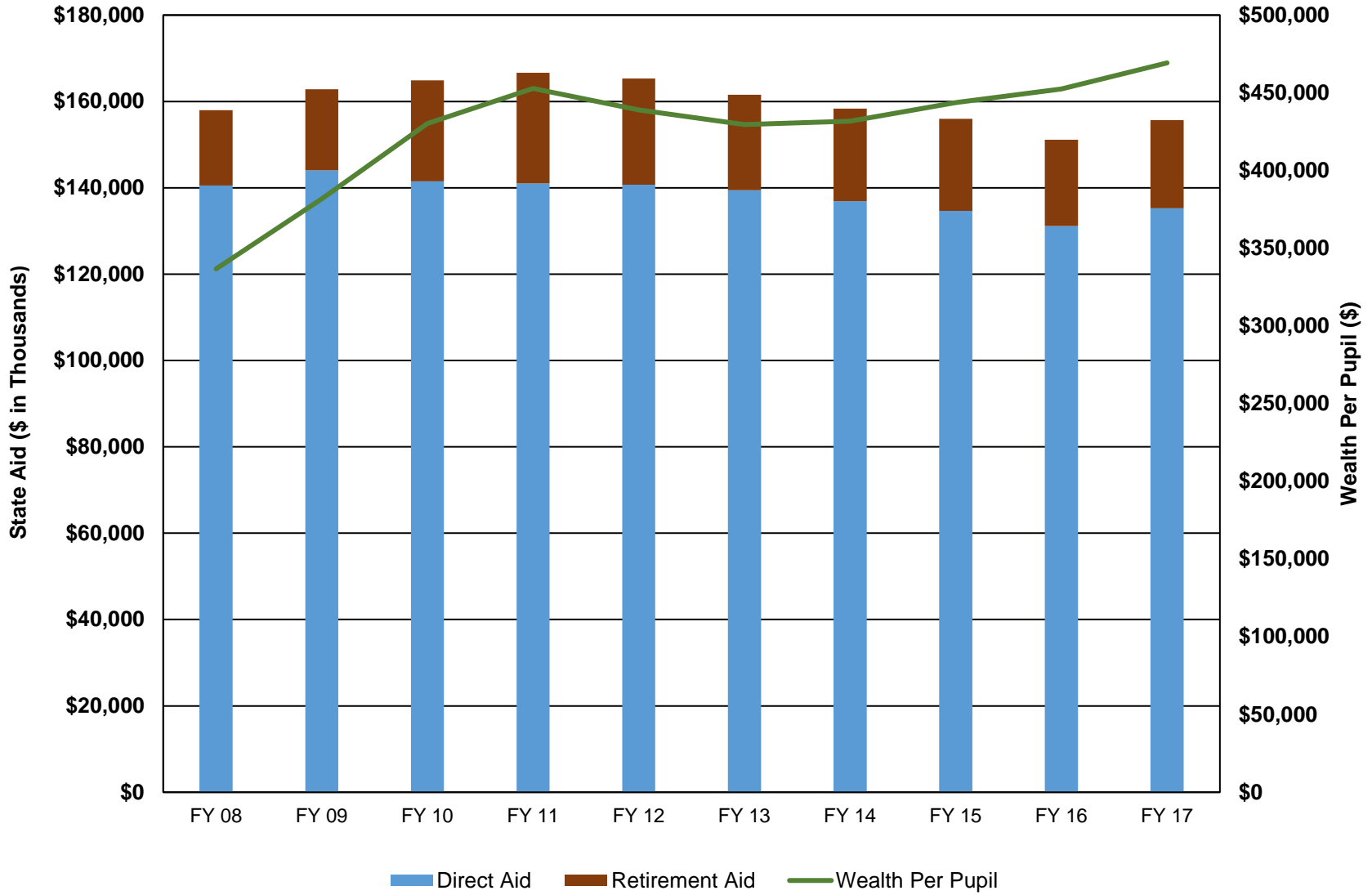
Local Wealth Per Pupil Trends

Fiscal 2008 - 2017

<u>County</u>	<u>FY 2008</u>	<u>FY 2017</u>	<u>Avg. Annual Change</u>	<u>Ranking by Annual Change</u>	
Allegany	\$212,726	\$301,016	3.93%	1. Garrett	5.48%
Anne Arundel	505,264	602,979	1.98%	2. Kent	4.71%
Baltimore City	206,803	303,980	4.37%	3. Baltimore City	4.37%
Baltimore	404,412	476,707	1.84%	4. Allegany	3.93%
Calvert	346,096	470,348	3.47%	5. Harford	3.84%
Caroline	231,857	281,339	2.17%	6. Carroll	3.76%
Carroll	336,711	469,242	3.76%	7. St. Mary's	3.67%
Cecil	295,018	382,780	2.94%	8. Calvert	3.47%
Charles	303,665	390,901	2.85%	9. Prince George	2.94%
Dorchester	303,280	352,204	1.68%	10. Cecil	2.94%
Frederick	343,269	428,788	2.50%	11. Charles	2.85%
Garrett	381,459	616,773	5.48%	12. Frederick	2.50%
Harford	327,391	459,652	3.84%	13. Queen Anne's	2.30%
Howard	456,593	552,065	2.13%	14. Caroline	2.17%
Kent	534,323	808,773	4.71%	15. Howard	2.13%
Montgomery	624,642	678,172	0.92%	16. Anne Arundel	1.98%
Prince George's	294,447	382,088	2.94%	17. Somerset	1.96%
Queen Anne's	463,923	569,245	2.30%	18. Baltimore	1.84%
St. Mary's	315,174	435,860	3.67%	19. Washington	1.76%
Somerset	245,190	292,058	1.96%	20. Dorchester	1.68%
Talbot	840,316	972,523	1.64%	21. Talbot	1.64%
Washington	294,838	345,080	1.76%	22. Montgomery	0.92%
Wicomico	258,047	272,259	0.60%	23. Worcester	0.73%
Worcester	1,039,354	1,109,665	0.73%	24. Wicomico	0.60%
Statewide	\$397,614	\$489,755	2.34%	State	2.34%

Note: September Net Taxable Income is used each year.

State Aid and Wealth per Pupil Carroll County



Local Appropriations to the Boards of Education
Annual Percent Change – Fiscal 2011-2016

County	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Allegany	0.1%	0.0%	4.1%	1.3%	-1.2%	1.4%
Anne Arundel	1.5%	-1.1%	5.1%	2.0%	1.2%	2.8%
Baltimore City	13.4%	1.7%	4.4%	1.8%	-1.1%	1.4%
Baltimore	-1.1%	0.8%	3.2%	3.2%	3.6%	1.5%
Calvert	1.3%	3.9%	1.1%	2.8%	2.1%	-0.8%
Caroline	2.2%	-0.9%	7.4%	1.6%	0.2%	2.4%
Carroll	-1.7%	-0.9%	3.3%	-0.2%	1.5%	3.0%
Cecil	-0.1%	-1.7%	3.7%	4.6%	3.7%	5.6%
Charles	-0.1%	0.2%	5.7%	3.3%	1.8%	2.6%
Dorchester	2.1%	-5.2%	9.0%	2.2%	0.9%	2.3%
Frederick	-4.0%	0.4%	3.1%	2.6%	0.1%	2.5%
Garrett	0.0%	7.3%	4.7%	0.7%	1.9%	-0.4%
Harford	1.5%	0.1%	2.6%	0.7%	1.1%	2.0%
Howard	1.6%	0.6%	3.2%	3.1%	6.6%	2.6%
Kent	-1.0%	-6.0%	7.7%	-1.0%	0.0%	1.4%
Montgomery	-2.4%	-3.2%	3.6%	2.0%	2.0%	2.1%
Prince George's	0.2%	3.1%	2.5%	-1.5%	1.0%	6.2%
Queen Anne's	-0.5%	-9.2%	3.1%	7.3%	6.4%	3.2%
St. Mary's	-4.9%	1.4%	11.2%	4.9%	4.4%	4.4%
Somerset	0.1%	-0.2%	4.2%	4.1%	1.8%	-2.6%
Talbot	0.3%	-5.6%	7.9%	0.6%	0.5%	2.5%
Washington	-0.8%	0.8%	3.8%	1.6%	0.4%	0.0%
Wicomico	-14.9%	-16.2%	8.2%	3.4%	-0.3%	2.3%
Worcester	-0.9%	0.8%	2.3%	2.5%	2.9%	1.3%
Total	-0.3%	-0.5%	3.7%	1.9%	2.2%	2.6%

Source: Local School Budgets, Department of Legislative Services

Education Effort

County	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Allegany	1.14%	1.19%	1.21%	1.20%	1.21%
Anne Arundel	1.20%	1.31%	1.36%	1.35%	1.36%
Baltimore City	1.06%	1.13%	1.19%	1.18%	1.15%
Baltimore	1.30%	1.38%	1.45%	1.49%	1.51%
Calvert	1.42%	1.49%	1.58%	1.61%	1.60%
Caroline	0.73%	0.83%	0.87%	0.90%	0.93%
Carroll	1.38%	1.47%	1.48%	1.49%	1.53%
Cecil	1.11%	1.19%	1.28%	1.34%	1.41%
Charles	1.41%	1.55%	1.64%	1.67%	1.71%
Dorchester	0.91%	1.06%	1.11%	1.15%	1.20%
Frederick	1.32%	1.42%	1.48%	1.46%	1.48%
Garrett	1.04%	1.09%	1.11%	1.13%	1.19%
Harford	1.31%	1.36%	1.37%	1.37%	1.38%
Howard	1.71%	1.80%	1.86%	1.91%	1.93%
Kent	1.01%	1.11%	1.12%	1.10%	1.14%
Montgomery	1.40%	1.49%	1.53%	1.52%	1.53%
Prince George's	1.18%	1.33%	1.37%	1.41%	1.48%
Queen Anne's	0.98%	1.02%	1.14%	1.22%	1.27%
St. Mary's	1.05%	1.19%	1.26%	1.30%	1.35%
Somerset	0.96%	1.04%	1.20%	1.22%	1.21%
Talbot	0.68%	0.75%	0.77%	0.80%	0.85%
Washington	1.15%	1.24%	1.28%	1.29%	1.29%
Wicomico	0.84%	0.96%	1.03%	1.04%	1.08%
Worcester	0.89%	0.94%	1.05%	1.14%	1.14%
State Average	1.13%	1.22%	1.28%	1.30%	1.33%

Maryland School Assessment - % Proficient or Advanced

<u>County</u>	<u>FY2003</u>	<u>FY2008</u>	<u>FY2012</u>	<u>FY2014</u>
Allegany	54.1	81.2	85.3	79.2
Anne Arundel	63.4	84.0	88.5	81.0
Baltimore City	33.5	61.4	65.0	51.9
Baltimore County	58.5	78.8	84.4	77.1
Calvert	69.0	88.4	92.2	87.4
Caroline	57.6	82.3	88.6	74.2
Carroll	70.3	89.3	92.2	85.9
Cecil	62.1	79.8	84.0	73.0
Charles	56.8	78.4	83.9	75.5
Dorchester	44.2	69.3	73.9	61.8
Frederick	67.9	86.2	91.1	82.6
Garrett	56.2	84.9	87.1	75.8
Harford	68.0	83.8	87.8	84.8
Howard	78.2	88.8	93.2	85.8
Kent	57.5	78.2	78.9	69.8
Montgomery	68.9	85.1	87.9	80.6
Prince George's	39.3	68.0	74.2	66.1
Queen Anne's	65.1	86.3	92.7	82.4
Saint Mary's	60.1	84.3	87.2	80.3
Somerset	49.8	73.9	85.7	71.4
Talbot	52.3	81.3	84.3	72.1
Washington	63.6	84.0	86.3	77.0
Wicomico	52.2	75.6	82.1	70.4
Worcester	68.3	89.2	95.8	91.0
Avg.	59.0	80.9	85.5	76.5

Excludes modified tests, science, and SEED school
 Includes grades 3-8, except fiscal 2003 grades 3, 5, 8
 Source: mdreportcard.org

Principle of Adequacy

- Adequacy – an empirical estimate of funding that school systems need to attain the resources they need to reasonably expect that students can meet the State’s academic performance standards.
- 2001 Adequacy Study by the “Thornton Commission” led to the Bridge to Excellence in Public Education Act of 2002 (Chapter 288) and new State aid formulas based on adequate funding.

2016 Adequacy Study

- Chapter 288 of 2002 also required another adequacy study to be conducted approximately 10 years later.
- The follow-up study was delayed due to budget constraints and implementation of new standards and assessments.
- Chapter 397 of 2011 required the study to begin by June 30, 2014, and be completed by December 1, 2016.
- Subsequent legislation added additional reports to the study.

Components of Adequacy Study

- Adequacy cost study
 - Base funding level for students without special needs
 - Per pupil weights for students with special needs to be applied to the base funding level
 - Analysis of effects of concentrations of poverty on adequacy targets
 - Will use three methods – professional judgment, successful schools, and evidence based

Status of Adequacy Study

- The Maryland State Department of Education in collaboration with the Department of Budget and Management and the Department of Legislative Services issued a Request for Proposals (RFP) to select a contractor to conduct the study.
- Augenblick, Palaich and Associates (APA) was selected working with Picus, Odden and Associates; Maryland Equity Project (University of Maryland, College Park); and other subcontractors.
- Draft final report is due by September 30, 2016, and the final report is due by October 31, 2016.

Adequacy Study Final Reports

<u>Due Date</u>	<u>Final Report</u>
June 30, 2015	School Size Study Analysis of Supplemental Grants (<i>moved to October 31, 2016</i>) Analysis of the Impact of Concentrations of Poverty (<i>literature review submitted, final report moved to October 31, 2016</i>) Report on a Proxy for Economically Disadvantaged Students Evaluation of the Impact of Increasing and Declining Enrollment
September 30, 2015	Evaluation of Maryland's Education Finance Structure and the Local Wealth Calculation Prekindergarten Services and Funding (<i>final report submitted in December 2015</i>)
June 30, 2016	Update of the Geographic Cost of Education Index (<i>preliminary report submitted September 30, 2015</i>)
October 31, 2016	Final Report on the Adequacy of Education Funding in the State

Stakeholder Advisory Group

- The Stakeholder Advisory Group, which includes State and local officials and nonprofit and other stakeholders, to meet periodically throughout the study to provide Maryland context and feedback.
- The group has met eight times to discuss study and review reports to date.
- Next meeting scheduled for October 18, 2016, to review the draft final report.

2016 Legislation

- Chapters 701 and 702 of 2016 established the Commission on Innovation and Excellence in Education primarily to review the findings of the adequacy study (and related reports) and make recommendations that will prepare students for the global economy of the 21st century.
- The commission is also charged with reviewing numerous education topics and making recommendations to improve innovative educational opportunities, enhance adequacy and equity, and prepare students for postsecondary education and the workforce.

“Kirwan” Commission

- The 25-member commission must report any preliminary recommendations by December 31, 2016. The final report and recommendations are due by December 31, 2017.
- The commission will be chaired by William E. Kirwan, Chancellor Emeritus of the University System of Maryland.
- Commission roster and meeting materials can be found here:
<http://mgaleg.maryland.gov/webmga/frmMain.aspx?pid=cmtepage&tab=subject7&id=IEE&stab=01>