

County Council Of Howard County, Maryland

2019 Legislative Session

Legislative Day No. 8

Resolution No. 99-2019

Introduced by: The Chairperson at the request of the County Executive

A RESOLUTION adopting the School Capacity Chart, pursuant to the Adequate Public Facilities Act of Howard County, to designate the elementary school regions, elementary schools, middle schools, and high schools constrained for new residential development during each of the following years as based on the definition of program capacity as defined by Howard County Public School System policy.

Introduced and read first time June 3, 2019.

By order Jessica Feldmark, Administrator

Read for a second time at a public hearing on June 17, 2019.

By order Jessica Feldmark, Administrator

This Resolution was read the third time and was Adopted, Adopted with amendments, Failed, Withdrawn, by the County Council on July 1, 2019.

Certified By Jessica Feldmark, Administrator

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; Strike-out indicates material deleted by amendment; Underlining indicates material added by amendment.

1 **WHEREAS**, Section 16.1103(c) of the Howard County Code (the Adequate Public
2 Facilities Act of Howard County) provides for a School Capacity Chart that is consistent
3 with the Housing Unit Allocation Chart and that indicates the elementary school regions,
4 elementary schools, middle schools, and high schools that are open for new residential
5 development and those that are constrained for new residential development during each
6 of the following years as based on the definition of program capacity as defined by Howard
7 County Public School System policy; and

8
9 **WHEREAS**, Section 16.1103(c) further provides that the County Council shall
10 adopt or amend the School Capacity Chart by Resolution whenever the Council adopts or
11 amends the Housing Unit Allocation Chart; and

12
13 **WHEREAS**, as required by Council Bill No. 1-2018, Section 16.1103(c) also
14 provides that the School Capacity Chart shall be accompanied by a report (the “Report”)
15 that contains information related to capacities, redistricting, any projected increases in
16 enrollment and related reasons for the increase, and information related to proposed
17 redistricting or a capital improvement project’s impact on a school’s “open” designation;
18 and

19
20 **WHEREAS**, the Report, attached to this Resolution for informational purposes as
21 Exhibit B, has been provided to the Department of Planning and Zoning in accordance with
22 Section 16.1103(c) and for purposes of providing the notice required by 16.1103(d); and

23
24 **WHEREAS**, immediately preceding adoption of this Resolution, the County
25 Council has adopted the Housing Unit Allocation Chart; and

26
27 **WHEREAS**, the Department of Planning and Zoning has received the School
28 Capacity Chart, based on the Housing Unit Allocation Chart, from the Board of Education
29 and has submitted it to the Council for adoption.

1 **NOW, THEREFORE, BE IT RESOLVED** by the County Council of Howard
2 County, Maryland this 1st day of July, 2019 that the County Council adopts
3 the School Capacity Charts attached to this Resolution as Exhibit A and incorporated
4 herein.

MIDDLE SCHOOLS - MAY 2019 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Requested FY 2020 Capital Budget Projects
Chart reflects May 2018 Projections and the Board of Education's Requested FY 2020 capacities.

Capacity					2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		
	2022	2023	2024	2025	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	
Columbia - East																									
Lake Elkhorn MS	643	643	643	643	596	92.7	564	87.7	567	88.2	543	84.4	557	86.6	552	85.8	557	86.6	564	87.7	577	89.7	581	90.4	
Oakland Mills MS	506	506	506	506	497	98.2	515	101.8	514	101.6	518	102.4	524	103.6	502	99.2	503	99.4	500	98.8	519	102.6	525	103.8	
Region MS Totals	1149	1149	1149	1149	1093	95.1	1079	93.9	1081	94.1	1061	92.3	1081	94.1	1054	91.7	1060	92.3	1064	92.6	1096	95.4	1106	96.3	
Columbia - West																									
Harpers Choice MS	506	506	506	506	509	100.6	522	103.2	506	100.0	512	101.2	500	98.8	505	99.8	514	101.6	515	101.8	526	104.0	531	104.9	
Wilde Lake MS	760	760	760	760	695	91.4	749	98.6	815	107.2	867	114.1	C	882	116.1	C	919	120.9	C	948	124.7	C	1005	132.2	C
Region MS Totals	1266	1266	1266	1266	1204	95.1	1271	100.4	1321	104.3	1379	108.9	1382	109.2	1424	112.5	1462	115.5	1520	120.1	1570	124.0	1599	126.3	
Northeastern																									
Bonnie Branch MS	701	701	701	701	787	112.3	C	805	114.8	C	796	113.6	C	774	110.4	C	775	110.6	C	793	113.1	C	821	117.1	C
Elkridge Landing MS	779	779	779	779	711	91.3		733	94.1		728	93.5		707	90.8		720	92.4		758	97.3		794	101.9	
Ellicott Mills MS	A	701	857	857	846	120.7	C	844	98.5		810	94.5		811	94.6		805	93.9		816	95.2		847	98.8	
Mayfield Woods MS	798	798	798	798	807	101.1		821	102.9		860	107.8		888	111.3	C	919	115.2	C	947	118.7	C	980	122.8	C
Thomas Viaduct MS	701	701	701	701	883	126.0	C	863	123.1	C	915	130.5	C	964	137.5	C	1040	148.4	C	1085	154.8	C	1118	159.5	C
Region MS Totals	3680	3836	3836	3836	4034	109.6	4066	106.0	4109	107.1	4144	108.0	4265	111.2	4388	114.4	4529	118.1	4615	120.3	4791	124.9	4879	127.2	
Northern																									
Burleigh Manor MS	779	779	779	779	770	98.8		757	97.2		769	98.7		777	99.7		786	100.9		780	100.1		776	99.6	
Dunloggin MS	A	565	565	662	675	119.5	C	670	118.6	C	658	99.4		658	99.4		668	100.9		676	102.1		700	105.7	
Patapsco MS	643	643	643	643	714	111.0	C	716	111.4	C	705	109.6		712	110.7	C	721	112.1	C	741	115.2	C	745	115.9	C
Region MS Totals	1987	1987	2084	2084	2159	108.7	2143	107.9	2132	102.3	2147	103.0	2175	104.4	2197	105.4	2197	105.4	2241	107.5	2265	108.7	2277	109.3	
Southeastern																									
Hammond MS	604	604	604	604	631	104.5		633	104.8		659	109.1		665	110.1	C	690	114.2	C	694	114.9	C	705	116.7	C
Murray Hill MS	662	662	662	662	748	113.0	C	774	116.9	C	800	120.8	C	822	124.2	C	775	117.1	C	758	114.5	C	724	109.4	
Patuxent Valley MS	760	760	760	760	689	90.7		656	86.3		664	87.4		639	84.1		681	89.6		677	89.1		713	93.8	
Region MS Totals	2026	2026	2026	2026	2068	102.1	2063	101.8	2123	104.8	2126	104.9	2146	105.9	2129	105.1	2142	105.7	2176	107.4	2225	109.8	2270	112.0	
Western																									
Clarksville MS	643	643	643	643	630	98.0		633	98.4		644	100.2		642	99.8		620	96.4		631	98.1		664	103.3	
Folly Quarter MS	662	662	662	662	651	98.3		651	98.3		645	97.4		654	98.8		655	98.9		660	99.7		668	100.9	
Glenwood MS	545	545	545	545	485	89.0		487	89.4		469	86.1		479	87.9		499	91.6		526	96.5		546	100.2	
Lime Kiln MS	701	701	701	701	680	97.0		701	100.0		731	104.3		729	104.0		739	105.4		752	107.3		763	108.8	
Mount View MS	798	798	798	798	828	103.8		821	102.9		796	99.7		793	99.4		838	105.0		898	112.5	C	919	115.2	C
Region MS Totals	3349	3349	3349	3349	3274	97.8	3293	98.3	3285	98.1	3297	98.4	3351	100.1	3467	103.5	3560	106.3	3632	108.5	3634	108.5	3640	108.7	
Countywide Totals	13457	13613	13710	13710	13832	102.8	13915	102.2	14051	102.5	14154	103.2	14400	105.0	14659	106.9	14950	109.0	15248	111.2	15581	113.6	15771	115.0	

A includes additions as reflected in FY 2020 CIP for Grades 6-8

C: Constrained for future residential development.

HIGH SCHOOLS - MAY 2019 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Requested FY 2020 Capital Budget Projects

Chart reflects May 2018 Projections and the Board of Education's Requested FY 2020 capacities.

	Capacity				2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32	
	2022	2023	2024	2025	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.
Columbia - East																								
Oakland Mills HS	1400	1400	1400	1400	1361	97.2	1379	98.5	1383	98.8	1382	98.7	1362	97.3	1377	98.4	1377	98.4	1363	97.4	1355	96.8	1356	96.9
Columbia - West																								
Wilde Lake HS	1424	1424	1424	1424	1381	97.0	1399	98.2	1382	97.1	1386	97.3	1429	100.4	1444	101.4	1482	104.1	1523	107.0	1522	106.9	1567	110.0
Northeastern																								
Howard HS	1420	1420	1420	1420	2047	144.2	C 2075	146.1	C 2086	146.9	C 2090	147.2	C 2075	146.1	C 2084	146.8	C 2066	145.5	C 2062	145.2	C 2064	145.4	C 2112	148.7
Long Reach HS	1488	1488	1488	1488	2056	138.2	C 2133	143.3	C 2126	142.9	C 2147	144.3	C 2123	142.7	C 2166	145.6	C 2270	152.6	C 2364	158.9	C 2458	165.2	C 2546	171.1
Region HS Totals	2908	2908	2908	2908	4103	141.1	4208	144.7	4212	144.8	4237	145.7	4198	144.4	4250	146.1	4336	149.1	4426	152.2	4522	155.5	4658	160.2
Northern																								
Centennial HS	A 1360	1360	1360	1360	1782	131.0	C 1772	130.3	C 1775	130.5	C 1766	129.9	C 1755	129.0	C 1743	128.2	C 1742	128.1	C 1736	127.6	C 1731	127.3	C 1745	128.3
Marriotts Ridge HS	1615	1615	1615	1615	1518	94.0	1499	92.8	1491	92.3	1503	93.1	1475	91.3	1462	90.5	1452	89.9	1453	90.0	1520	94.1	1568	97.1
Mt Hebron HS	1400	1400	1400	1400	1701	121.5	C 1679	119.9	C 1694	121.0	C 1674	119.6	C 1659	118.5	C 1659	118.5	C 1656	118.3	C 1649	117.8	C 1660	118.6	C 1691	120.8
Region HS Totals	4375	4375	4375	4375	5001	114.3	4950	113.1	4960	113.4	4943	113.0	4889	111.7	4864	111.2	4850	110.9	4838	110.6	4911	112.3	5004	114.4
Southeastern																								
Hammond HS	A 1220	1420	1420	1420	1517	124.3	C 1585	111.6	1634	115.1	C 1654	116.5	C 1621	114.2	1648	116.1	C 1675	118.0	C 1689	118.9	C 1749	123.2	C 1780	125.4
Western																								
Atholton HS	1460	1460	1460	1460	1604	109.9	1654	113.3	1637	112.1	1647	112.8	1683	115.3	C 1705	116.8	C 1769	121.2	C 1804	123.6	C 1808	123.8	C 1837	125.8
Glenelg HS	1420	1420	1420	1420	1147	80.8	1155	81.3	1161	81.8	1135	79.9	1122	79.0	1122	79.0	1135	79.9	1175	82.7	1194	84.1	1226	86.3
Reservoir HS	1551	1551	1551	1551	1786	115.2	C 1836	118.4	C 1850	119.3	C 1874	120.8	C 1914	123.4	C 1925	124.1	C 1973	127.2	C 1972	127.1	C 1957	126.2	C 1953	125.9
River Hill HS	1488	1488	1488	1488	1419	95.4	1454	97.7	1423	95.6	1407	94.6	1412	94.9	1411	94.8	1411	94.8	1424	95.7	1435	96.4	1450	97.4
Region HS Totals	5919	5919	5919	5919	5956	100.6	6099	103.0	6071	102.6	6063	102.4	6131	103.6	6163	104.1	6288	106.2	6375	107.7	6394	108.0	6466	109.2
Countywide Totals	17246	17446	17446	17446	19319	112.0	19620	112.5	19642	112.6	19665	112.7	19630	112.5	19746	113.2	20008	114.7	20214	115.9	20453	117.2	20831	119.4

A includes additions as reflected in FY 2020 CIP for Grades 9-12

C: Constrained for future residential development.



BOARD OF EDUCATION OF HOWARD COUNTY
MEETING AGENDA ITEM

TITLE: Adequate Public Facilities Ordinance (APFO) Chart DATE: May 21, 2019
PRESENTER(S): Renée Kamen, Manager, School Planning

Strategic Call To Action Alignment: This process supports the Strategic Call to Action (SCTA) by providing operations and practices that are responsive, transparent, fiscally responsible and accountable.

OVERVIEW:

The Adequate Public Facilities Ordinance (APFO) School Capacity charts are utilized as part of the growth management process of Howard County for new residential developments. An update to Adequate Public Facilities Ordinance (Bill 1-2018 with amendments) was adopted by the County Council on February 5, 2018.

See attached report, including the School Capacity Charts, as well as information about modifications in the law and additional information required by the law.

Attachments:

- 1 - Report
2 - School Capacity Charts
3 - Supplemental data required by County Council Bill 1-2018

RECOMMENDATION/FUTURE DIRECTION: Approve the School Capacity charts and attached supplemental data for submittal to the Howard County Council.

SUBMITTED BY: Renée Kamen
Manager, School Planning

APPROVAL/CONCURRENCE: Michael Martirano, Ed. D.
Superintendent

Karalee Turner-Little
Deputy Superintendent

Anissa Brown Dennis
Chief Operating Officer

Scott W. Washington
Director, Capital Planning
and Construction

ATTACHMENT 1

The Adequate Public Facilities Ordinance (APFO) School Capacity charts are utilized as part of the growth management process of Howard County for new residential developments. County code requires that the school system provide an annual report identifying the capacity utilization for each elementary (Grade K-5), middle (Grade 6-8) and high (Grade 9-12) school as well as elementary school regions.

On February 5, 2018, the County Council adopted an update to Adequate Public Facilities Ordinance (Bill 1-2018 with amendments). On January 1, 2019, the approved changes to the definition of “open” became effective. These are the first charts to be developed for submission to the County Council since full implementation of this ordinance.

The attached School Capacity charts list schools and elementary school regions as “C” (constrained) to new future residential development if the capacity utilization developed for the FY 2020 Capital Budget and Capital Improvement Program/Redistricting Process exceeds:

- 105 percent for elementary schools,
- 105 percent for elementary regions,
- 110 percent for middle schools, or
- 115 percent for high schools.

These calculations are based on the capacities listed in the most recent Board Requested Capital Improvement Program. Individual schools or elementary regions that show a capacity utilization less than the percentage noted above are considered “open” for new residential development. Constrained schools are indicated in the chart with the letter “C” and open schools are left blank.

The new law specifically requires the following information to be provided to the County Council for each school:

- State and local capacities of the facility;
- The date of the last redistricting which impacted the attendance area of that school;
- For any projected increase in enrollment, an indication of what portions of the increase are attributed to sales or rental turnover of existing residential units, new development, and other factors; and
- For any school designated as open on the school capacity chart based on a capital improvement project or proposed redistricting associated with a capital improvement project:
 - a. Current and future funding assumptions for the capital improvement project(s);
 - b. Future redistricting assumptions associated with the capital improvement project; and
 - c. An explanation of any capacity utilization changes based on (a) or (b).

The Ordinance also stipulates that the County Council and Board of Education hold a joint special work meeting regarding schools or school regions that have reached 95 percent capacity utilization and are projected to exceed 110 percent capacity utilization within five years.

MIDDLE SCHOOLS - MAY 2019 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Requested FY 2020 Capital Budget Projects

Chart reflects May 2018 Projections and the Board of Education's Requested FY 2020 capacities.

	Capacity				2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		
	2022	2023	2024	2025	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	
Columbia - East																									
Lake Elkhorn MS	643	643	643	643	596	92.7	564	87.7	567	88.2	543	84.4	557	86.6	552	85.8	557	86.6	564	87.7	577	89.7	581	90.4	
Oakland Mills MS	506	506	506	506	497	98.2	515	101.8	514	101.6	518	102.4	524	103.6	502	99.2	503	99.4	500	98.8	519	102.6	525	103.8	
Region MS Totals	1149	1149	1149	1149	1093	95.1	1079	93.9	1081	94.1	1061	92.3	1081	94.1	1054	91.7	1060	92.3	1064	92.6	1096	95.4	1106	96.3	
Columbia - West																									
Harpers Choice MS	506	506	506	506	509	100.6	522	103.2	506	100.0	512	101.2	500	98.8	505	99.8	514	101.6	515	101.8	526	104.0	531	104.9	
Wilde Lake MS	760	760	760	760	695	91.4	749	98.6	815	107.2	867	114.1	C 882	116.1	C 919	120.9	C 948	124.7	C 1005	132.2	C 1044	137.4	C 1068	140.5	C
Region MS Totals	1266	1266	1266	1266	1204	95.1	1271	100.4	1321	104.3	1379	108.9	1382	109.2	1424	112.5	1462	115.5	1520	120.1	1570	124.0	1599	126.3	C
Northeastern																									
Bonnie Branch MS	701	701	701	701	787	112.3	C 805	114.8	C 796	113.6	C 774	110.4	C 775	110.6	C 793	113.1	C 821	117.1	C 836	119.3	C 853	121.7	C 877	125.1	C
Elkridge Landing MS	779	779	779	779	711	91.3	733	94.1	728	93.5	707	90.8	720	92.4	758	97.3	794	101.9	814	104.5	851	109.2	864	110.9	C
Ellicott Mills MS A	701	857	857	857	846	120.7	C 844	98.5	810	94.5	811	94.6	811	94.6	805	93.9	816	95.2	847	98.8	917	107.0	952	111.1	C
Mayfield Woods MS	798	798	798	798	807	101.1	821	102.9	860	107.8	888	111.3	C 919	115.2	C 947	118.7	C 980	122.8	C 994	124.6	C 1019	127.7	C 1029	128.9	C
Thomas Viaduct MS	701	701	701	701	883	126.0	C 863	123.1	C 915	130.5	C 964	137.5	C 1040	148.4	C 1085	154.8	C 1118	159.5	C 1124	160.3	C 1151	164.2	C 1157	165.0	C
Region MS Totals	3680	3836	3836	3836	4034	109.6	4066	106.0	4109	107.1	4144	108.0	4265	111.2	4388	114.4	4529	118.1	4615	120.3	4791	124.9	4879	127.2	C
Northern																									
Burleigh Manor MS	779	779	779	779	770	98.8	757	97.2	769	98.7	777	99.7	786	100.9	780	100.1	776	99.6	784	100.6	793	101.8	800	102.7	
Dunloggin MS A	565	565	662	662	675	119.5	C 670	118.6	C 658	99.4	658	99.4	668	100.9	676	102.1	676	102.1	700	105.7	720	108.8	728	110.0	C
Patapsco MS	643	643	643	643	714	111.0	C 716	111.4	C 705	109.6	712	110.7	C 721	112.1	C 741	115.2	C 745	115.9	C 757	117.7	C 752	117.0	C 749	116.5	C
Region MS Totals	1987	1987	2084	2084	2159	108.7	2143	107.9	2132	102.3	2147	103.0	2175	104.4	2197	105.4	2197	105.4	2241	107.5	2265	108.7	2277	109.3	C
Southeastern																									
Hammond MS	604	604	604	604	631	104.5	633	104.8	659	109.1	665	110.1	C 690	114.2	C 694	114.9	C 705	116.7	C 719	119.0	C 753	124.7	C 789	130.6	C
Murray Hill MS	662	662	662	662	748	113.0	C 774	116.9	C 800	120.8	C 822	124.2	C 775	117.1	C 758	114.5	C 724	109.4	741	111.9	C 741	111.9	C 739	111.6	C
Patuxent Valley MS	760	760	760	760	689	90.7	656	86.3	664	87.4	639	84.1	681	89.6	677	89.1	713	93.8	716	94.2	731	96.2	742	97.6	
Region MS Totals	2026	2026	2026	2026	2068	102.1	2063	101.8	2123	104.8	2126	104.9	2146	105.9	2129	105.1	2142	105.7	2176	107.4	2225	109.8	2270	112.0	C
Western																									
Clarksville MS	643	643	643	643	630	98.0	633	98.4	644	100.2	642	99.8	620	96.4	631	98.1	664	103.3	684	106.4	682	106.1	677	105.3	
Folly Quarter MS	662	662	662	662	651	98.3	651	98.3	645	97.4	654	98.8	655	98.9	660	99.7	668	100.9	683	103.2	697	105.3	701	105.9	
Glenwood MS	545	545	545	545	485	89.0	487	89.4	469	86.1	479	87.9	499	91.6	526	96.5	546	100.2	560	102.8	567	104.0	566	103.9	
Lime Kiln MS	701	701	701	701	680	97.0	701	100.0	731	104.3	729	104.0	739	105.4	752	107.3	763	108.8	767	109.4	752	107.3	743	106.0	
Mount View MS	798	798	798	798	828	103.8	821	102.9	796	99.7	793	99.4	838	105.0	898	112.5	C 919	115.2	C 938	117.5	C 936	117.3	C 953	119.4	C
Region MS Totals	3349	3349	3349	3349	3274	97.8	3293	98.3	3285	98.1	3297	98.4	3351	100.1	3467	103.5	3560	106.3	3632	108.5	3634	108.5	3640	108.7	C
Countywide Totals	13457	13613	13710	13710	13832	102.8	13915	102.2	14051	102.5	14154	103.2	14400	105.0	14659	106.9	14950	109.0	15248	111.2	15581	113.6	15771	115.0	C

A: includes additions as reflected in FY 2020 CIP for Grades 6-8

C: Constrained for future residential development.

HIGH SCHOOLS - MAY 2019 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Requested FY 2020 Capital Budget Projects
 Chart reflects May 2018 Projections and the Board of Education's Requested FY 2020 capacities.

		Capacity				2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32			
		2022	2023	2024	2025	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.		
Columbia - East																											
Oakland Mills HS		1400	1400	1400	1400	1361	97.2	1379	98.5	1383	98.8	1382	98.7	1362	97.3	1377	98.4	1377	98.4	1363	97.4	1355	96.8	1356	96.9		
Columbia - West																											
Wilde Lake HS		1424	1424	1424	1424	1381	97.0	1399	98.2	1382	97.1	1386	97.3	1429	100.4	1444	101.4	1482	104.1	1523	107.0	1522	106.9	1567	110.0		
Northeastern																											
Howard HS		1420	1420	1420	1420	2047	144.2 C	2075	146.1 C	2086	146.9 C	2090	147.2 C	2075	146.1 C	2084	146.8 C	2066	145.5 C	2062	145.2 C	2064	145.4 C	2112	148.7 C		
Long Reach HS		1488	1488	1488	1488	2056	138.2 C	2133	143.3 C	2126	142.9 C	2147	144.3 C	2123	142.7 C	2166	145.6 C	2270	152.6 C	2364	158.9 C	2458	165.2 C	2546	171.1 C		
Region HS Totals		2908	2908	2908	2908	4103	141.1	4208	144.7	4212	144.8	4237	145.7	4198	144.4	4250	146.1	4336	149.1	4426	152.2	4522	155.5	4658	160.2		
Northern																											
Centennial HS		A 1360	1360	1360	1360	1782	131.0 C	1772	130.3 C	1775	130.5 C	1766	129.9 C	1755	129.0 C	1743	128.2 C	1742	128.1 C	1736	127.6 C	1731	127.3 C	1745	128.3 C		
Marriotts Ridge HS		1615	1615	1615	1615	1518	94.0	1499	92.8	1491	92.3	1503	93.1	1475	91.3	1462	90.5	1452	89.9	1453	90.0	1520	94.1	1568	97.1		
Mt Hebron HS		1400	1400	1400	1400	1701	121.5 C	1679	119.9 C	1694	121.0 C	1674	119.6 C	1659	118.5 C	1659	118.5 C	1656	118.3 C	1649	117.8 C	1660	118.6 C	1691	120.8 C		
Region HS Totals		4375	4375	4375	4375	5001	114.3	4950	113.1	4960	113.4	4943	113.0	4889	111.7	4864	111.2	4850	110.9	4838	110.6	4911	112.3	5004	114.4		
Southeastern																											
Hammond HS		A 1220	1420	1420	1420	1517	124.3 C	1585	111.6	1634	115.1 C	1654	116.5 C	1621	114.2	1648	116.1 C	1675	118.0 C	1689	118.9 C	1749	123.2 C	1780	125.4 C		
Western																											
Atholton HS		1460	1460	1460	1460	1604	109.9	1654	113.3	1637	112.1	1647	112.8	1683	115.3 C	1705	116.8 C	1769	121.2 C	1804	123.6 C	1808	123.8 C	1837	125.8 C		
Glenelg HS		1420	1420	1420	1420	1147	80.8	1155	81.3	1161	81.8	1135	79.9	1122	79.0	1122	79.0	1135	79.9	1175	82.7	1194	84.1	1226	86.3		
Reservoir HS		1551	1551	1551	1551	1786	115.2 C	1836	118.4 C	1850	119.3 C	1874	120.8 C	1914	123.4 C	1925	124.1 C	1973	127.2 C	1972	127.1 C	1957	126.2 C	1953	125.9 C		
River Hill HS		1488	1488	1488	1488	1419	95.4	1454	97.7	1423	95.6	1407	94.6	1412	94.9	1411	94.8	1411	94.8	1424	95.7	1435	96.4	1450	97.4		
Region HS Totals		5919	5919	5919	5919	5956	100.6	6099	103.0	6071	102.6	6063	102.4	6131	103.6	6163	104.1	6288	106.2	6375	107.7	6394	108.0	6466	109.2		
Countywide Totals		17246	17446	17446	17446	19319	112.0	19620	112.5	19642	112.6	19665	112.7	19630	112.5	19746	113.2	20008	114.7	20214	115.9	20453	117.2	20831	119.4		

'A' includes additions as reflected in FY 2020 CIP for Grades 9-12
 C: Constrained for future residential development.

ATTACHMENT 3

I. State and Local Capacities of the Facilities

Note: The State Rated Capacities (SRC) are current as of the writing of this report. Review and update of SRCs occur individually on an as needed basis (ex. after additions, new schools). Additionally, the Interagency Commission on School Construction has a committee reviewing SRCs statewide. The committee is planning to release recommendations by June 2019. The methodology to calculate SRCs and/or the SRCs may be updated after those recommendations.

2018 LOCAL AND STATE RATED CAPACITY

Name	LOCAL	SRC	Name	LOCAL	SRC
Atholton ES	424	419	Bonnie Branch MS	701	732
Bellows Spring ES	751	720	Burleigh Manor MS	779	795
Bollman Bridge ES	666	694	Clarksville MS	643	619
Bryant Woods ES	361	362	Dunloggin MS	565	619
Bushy Park ES	744	910	Elkridge Landing MS	779	760
Centennial Lane ES	647	544	Ellicott Mills MS	701	816
Clarksville ES	543	581	Folly Quarter MS	662	732
Clemens Crossing ES	521	544	Glenwood MS	545	640
Cradlerock ES	398	556	Hammond MS	604	679
Dayton Oaks ES	675	910	Harpers Choice MS	506	619
Deep Run ES	750	740	Lake Elkhorn MS	643	765
Ducketts Lane ES	694	785	Lime Kiln MS	701	732
Elkridge ES	760	819	Mayfield Woods MS	798	773
Forest Ridge ES	713	660	Mount View MS	798	760
Fulton ES	826	564	Murray Hill MS	662	685
Gorman Crossing ES	735	618	Oakland Mills MS	506	598
Guilford ES	465	522	Patapsco MS	643	598
Hammond ES	653	525	Patuxent Valley MS	760	770
Hanover Hills ES	810	0	Thomas Viaduct MS	701	754
Hollifield Station ES	732	564	Wilde Lake MS	760	590
Ilchester ES	584	564			
Jeffers Hill ES	421	435	Atholton HS	1460	1543
Laurel Woods ES	640	544	Centennial HS	1360	1091
Lisbon ES	527	504	Glenelg HS	1420	944
Longfellow ES	512	468	Hammond HS	1220	1434
Manor Woods ES	681	564	Howard HS	1420	1051
Northfield ES	700	544	Long Reach HS	1488	1434
Phelps Luck ES	597	578	Marriotts Ridge HS	1615	1434
Pointers Run ES	744	564	Mt Hebron HS	1400	1408
Rockburn ES	609	847	Oakland Mills HS	1400	1135
Running Brook ES	515	471	Reservoir HS	1551	1339
St Johns Lane ES	612	619	River Hill HS	1488	1483
Stevens Forest ES	399	320	Wilde Lake HS	1424	1434
Swansfield ES	694	601			
Talbott Springs ES	377	500			
Thunder Hill ES	509	386			
Triadelphia Ridge ES	581	564			
Veterans ES	799	922			
Waterloo ES	663	726			
Waverly ES	788	678			
West Friendship ES	414	394			
Worthington ES	515	589			

II. The date of the last redistricting which impacted the attendance area of that school

Most Recent Redistricting

	In effect		In effect
Atholton ES	2012	Bonnie Branch MS	2014
Bellows Spring ES	2018	Burleigh Manor MS	2018
Bollman Bridge ES	2012	Clarksville MS	2018
Bryant Woods ES	2007	Dunloggin MS	2006
Bushy Park ES	2002	Elkridge Landing MS	2018
Centennial Lane ES	2007	Ellicott Mills MS	2014
Clarksville ES	2006	Folly Quarter MS	2006
Clemens Crossing ES	2018	Glenwood MS	2004
Cradlerock ES	2004	Hammond MS	2014
Dayton Oaks ES	2012	Harpers Choice MS	2018
Deep Run ES	2018	Lake Elkhorn MS	2014
Ducketts Lane ES	2018	Lime Kiln MS	2018
Elkridge ES	2013	Mayfield Woods MS	2018
Forest Ridge ES	2012	Mount View MS	2018
Fulton ES	2012	Murray Hill MS	2014
Gorman Crossing ES	2012	Oakland Mills MS	2003
Guilford ES	2012	Patapsco MS	2006
Hammond ES	2012	Patuxent Valley MS	2014
Hanover Hills ES	2018	Thomas Viaduct MS	2018
Hollifield Station ES	2013	Wilde Lake MS	2018
Ilchester ES	2013		
Jeffers Hill ES	2013		
Laurel Woods ES	2012		
Lisbon ES	1998		
Longfellow ES	2003		
Manor Woods ES	2018		
Northfield ES	2013		
Phelps Luck ES	2013		
Pointers Run ES	2018		
Rockburn ES	2018		
Running Brook ES	2007		
St Johns Lane ES	2013		
Stevens Forest ES	2013		
Swansfield ES	1987		
Talbott Springs ES	2013		
Thunder Hill ES	2013		
Triadelphia Ridge ES	2018		
Veterans ES	2013		
Waterloo ES	2013		
Waverly ES	2018		
West Friendship ES	2018		
Worthington ES	2007		
			In effect
		Atholton HS	2002
		Centennial HS	2006
		Glenelg HS	2010
		Hammond HS	2005
		Howard HS	2005
		Long Reach HS	2005
		Marriotts Ridge HS	2010
		Mt Hebron HS	2006
		Oakland Mills HS	2005
		Reservoir HS	2002
		River Hill HS	2010
		Wilde Lake HS	2004

III. For any projected increase in enrollment, an indication of what portions of the increase are attributed to sales or rental turnover of existing residential units, new development, and other factors

These charts are based on the projection developed in the Spring of 2018, the same projections that inform the May 2019 School Capacity Chart.

Elementary Schools

	Official 2017 Enrollment	Projected 2018 Enrollment	Projected Enrollment Change	RED 2017*	Projected 2018 Student Yield			
					Apt Turnover	Resale	New Construction	Other Factors
Atholton ES	459	456	-3		8.0	12.7	0.0	-23.7
Bellows Spring ES	749	671	-78	Y	3.1	2.0	16.1	-99.2
Bollman Bridge ES	631	646	15		38.3	5.0	12.3	-40.7
Bryant Woods ES	397	390	-7		17.1	7.6	0.0	-31.7
Bushy Park ES	602	584	-18		0.0	35.8	10.6	-64.4
Centennial Lane ES	765	755	-10		14.6	34.9	1.5	-61.0
Clarksville ES	432	419	-13		5.0	15.2	5.6	-38.8
Clemens Crossing ES	550	470	-80	Y	0.0	11.5	6.0	-97.5
Cradlerock ES	468	464	-4		2.8	20.0	0.0	-26.8
Dayton Oaks ES	619	604	-15		0.0	36.2	6.1	-57.3
Deep Run ES	760	677	-83	Y	14.9	6.0	0.4	-104.3
Ducketts Lane ES	891	673	-218	Y	21.9	2.0	0.0	-241.9
Elkridge ES	849	857	8		17.3	27.0	17.8	-54.1
Forest Ridge ES	693	685	-8		3.5	13.0	0.6	-25.2
Fulton ES	878	949	71		0.0	27.4	41.2	2.5
Gorman Crossing ES	776	794	18		2.7	21.8	18.4	-24.8
Guilford ES	411	399	-12		9.4	13.1	1.5	-36.0
Hammond ES	651	642	-9		10.8	17.5	0.4	-37.6
Hollifield Station ES	811	826	15		38.0	19.8	15.4	-58.2
Ilchester ES	615	578	-37		0.0	14.1	7.1	-58.1
Jeffers Hill ES	428	428	0		12.7	10.0	0.0	-22.7
Laurel Woods ES	574	588	14		23.3	8.0	0.7	-18.1
Lisbon ES	455	449	-6		0.0	20.3	4.9	-31.2
Longfellow ES	408	402	-6		16.0	8.0	0.7	-30.8
New ES #42(HHES)	0	649	649	Y	7.3	8.2	24.1	609.3
Manor Woods ES	794	635	-159	Y	7.9	32.7	8.8	-208.4
Northfield ES	748	727	-21		8.1	29.1	1.1	-59.3
Phelps Luck ES	548	528	-20		24.7	10.7	0.0	-55.3
Pointers Run ES	721	834	113	Y	0.0	42.7	14.1	56.2
Rockburn ES	647	553	-94	Y	0.0	11.3	14.4	-119.8
Running Brook ES	459	499	40		33.5	2.0	17.9	-13.3
St Johns Lane ES	703	694	-9		8.7	28.3	0.4	-46.4
Stevens Forest ES	390	388	-2		20.7	5.4	0.0	-28.1
Swansfield ES	605	606	1		30.4	9.0	1.2	-39.6
Talbot Springs ES	459	458	-1		10.0	4.2	0.0	-15.2
Thunder Hill ES	544	535	-9		16.3	10.0	0.0	-35.3
Triadelphia Ridge ES	553	570	17	Y	0.0	25.2	27.9	-36.2
Veterans ES	861	885	24		28.0	20.1	4.6	-28.7
Waterloo ES	581	582	1		20.3	7.0	1.1	-27.4
Waverly ES	695	802	107	Y	0.8	37.8	8.3	60.2
West Friendship ES	327	394	67	Y	0.0	24.3	0.9	41.9
Worthington ES	515	484	-31		1.2	11.6	3.2	-47.0

Projected enrollment increase w/out redistricting

Additional factors contributing to a schools' enrollment projection:

- Size of cohort rising to next level
- Cohort survival rates within school
- Births (5 yrs ago) in attendance area
- Birth to Kindergarten survival rate
- Out of District students (can be +/-)
- Students who moved into an attendance area between Bth-5
- Adjustment based on prior years' projection accuracy

* indicates increase or decrease to enrollment for these schools is primarily due to boundary changes adopted in Novemebr 2017.

Middle Schools

	2017 Enrollment	Projected 2018 Enrollment	Projected Enrollment Change	RED 2017*	Projected 2018 Student Yield			
					Apt Yield	Resale Yield	NC Yield	Other Factors
Bonnie Branch MS	716	777	61	Y	-5.0	12.1	2.4	51.5
Burleigh Manor MS	807	804	-3		-10.4	18.0	4.9	-15.4
Clarksville MS	552	668	116	Y	0.0	10.6	3.3	102.2
Elkridge Landing MS	693	715	22		0.7	5.8	6.7	8.9
Ellicott Mills MS	853	883	30		-1.0	11.0	1.6	18.4
Folly Quarter MS	663	647	-16		0.0	10.6	4.5	-31.1
Glenwood MS	495	480	-15		0.0	8.9	5.7	-29.6
Hammond MS	554	563	9		-7.2	7.8	1.1	7.3
Harpers Choice MS	596	546	-50	Y	-8.5	11.5	0.7	-53.7
Lake Elkhorn MS	548	557	9		-1.4	-0.7	0.0	11.1
Dunloggin MS	630	639	9		-12.0	2.3	0.9	17.8
Lime Kiln MS	734	626	-108	Y	0.0	16.3	12.1	-136.4
Mayfield Woods MS	712	780	68	Y	-8.8	-0.6	3.7	73.7
Mount View MS	819	834	15		-0.4	24.2	5.6	-14.4
Murray Hill MS	700	697	-3		-0.7	9.5	6.6	-18.5
Oakland Mills MS	472	507	35		-3.7	0.2	0.1	38.3
Patapsco MS	706	739	33		-8.0	5.4	5.4	30.2
Patuxent Valley MS	618	652	34		-3.1	0.0	5.0	32.1
Thomas Viaduct MS	687	707	20		-8.5	7.6	13.3	7.5
Wilde Lake MS	610	628	18	Y	-12.2	3.8	13.9	12.4

Projected enrollment increase w/out redistricting

Additional factors contributing to a schools' enrollment projection:

- Size of cohort rising to next level
- Cohort survival rates within school
- Out of District students (can be +/-)
- Adjustment based on prior years' projection accuracy

* indicates increase or decrease to enrollment for these schools is primarily due to boundary changes adopted in Novemebr 2017.

High Schools

	Official 2017 Enrollment	Projected 2018 Enrollment	Projected Enrollment Change	JumpStart *	Projected 2018 Student Yield			
					Apt Turnover	Resale	New Construction	Other Factors
Atholton HS	1479	1516	37		-6.5	10.1	4.5	28.9
Centennial HS	1614	1664	50	Y	-5.8	16.1	1.5	38.3
Glennelg HS	1173	1197	24		0.0	15.6	3.8	4.6
Hammond HS	1301	1356	55		-11.1	1.5	5.1	59.5
Howard HS	1914	1908	-6	Y	-1.7	15.3	9.9	-29.5
Long Reach HS	1636	1586	-50	Y	-13.6	6.3	10.0	-52.8
Marriotts Ridge HS	1332	1376	44		-6.8	12.5	4.0	34.3
Mt Hebron HS	1567	1590	23		-13.0	4.4	3.2	28.4
Oakland Mills HS	1161	1217	56	Y	-8.7	8.7	0.1	55.9
Reservoir HS	1527	1595	68		-1.6	4.5	14.0	51.1
River Hill HS	1157	1411	254	Y	-0.6	12.0	8.3	234.4
Wilde Lake HS	1276	1350	74		-17.6	2.0	2.8	86.8

Projected enrollment increase w/out redistricting

Additional factors contributing to a schools' enrollment projection:

- Size of cohort rising to next level
- Cohort survival rates within school
- Out of District students (can be +/-)
- Adjustment based on prior years' projection accuracy

* indicates increase or decrease to enrollment for these schools is impacted by Jumpstart early college program. Under this program, students living in attendance areas for CHS, HoHS, LRHS can attend OMHS or RHHS. SY 2018-19 was the first year for JumpStart.

IV. For any school designated as open on the school capacity chart based on a capital improvement project or proposed redistricting associated with a capital improvement project:

- A. Current and future funding assumptions for the capital improvement project(s);**
- B. Future redistricting assumptions associated with the capital improvement project**
- C. An explanation of any capacity utilization changes based on (a) or (b).**

Talbott Springs ES is associated with a capital project and designated as “open” on the school capacity chart for Test Year 2022-22. Other FY 2020 Capital Budget Projects do not impact testing year 2022. The Requested Board Approved FY 2020 – 2028 Long Range Master Plan as scheduled for approval by the Board on May 30, 2019, is attached.

FY 2020-2029 Long-Range Master Plan

Board of Education's Requested

February 19, 2019

(In Thousands)

Capacity	Project	County Project	Occupancy	Approved Appropriations	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total Approp. plus FY20-FY29 Request
540	Talbott Springs ES Replacement	E1043	Sept 2022	\$ 8,050	\$ 9,500	\$ 14,218	\$ 9,878	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,646
1,650	New HS #13	E1035	Sept 2023	6,732	15,600	32,260	32,280	32,260	19,564	-	-	-	-	-	138,696
200	Hammond HS Renovation/Addition	E1024	Sept 2023	4,000	12,500	27,955	28,075	28,156	14,494	-	-	-	-	-	115,180
600	New ES #43	E1039	Sept 2024	-	-	4,000	15,500	14,500	12,439	4,588	-	-	-	-	51,027
97	Dunloggin MS Renovation/Addition	E1049	Sept 2024	-	-	2,000	8,694	11,671	11,534	5,000	-	-	-	-	38,899
156	Ellicott Mills MS Addition	E1037	Sept 2023	-	-	-	1,000	6,415	1,000	-	-	-	-	-	8,415
-	Oakland Mills MS Renovation	E1036	Sept 2026	-	-	-	-	-	7,500	15,500	12,500	2,810	-	-	38,310
600	New ES #44	E1040	Sept 2026	-	-	-	-	4,000	15,550	14,500	12,439	6,524	-	-	53,013
250	Centennial HS Renovation/Addition	E1025	Sept 2028	-	-	-	-	-	11,333	16,367	27,278	26,187	26,186	13,093	120,444
TBD	New HS #14	E1052	Sept 2028	-	-	-	-	-	13,905	19,948	33,247	31,918	31,917	15,959	146,894
480	New ES #45	E1041	Sept 2030	-	-	-	-	-	-	-	-	4,000	11,500	12,500	28,000
	Systemic Renovations/Modernizations	E1044		25,455	38,115	24,589	23,327	20,270	19,974	11,948	17,000	18,000	19,000	20,000	237,678
	Roofing Projects	E1046		12,500	5,000	1,000	5,000	1,000	1,000	5,000	5,000	5,000	5,000	5,000	50,500
	Playground Equipment	E0990		2,930	250	250	250	250	250	500	500	500	500	500	6,680
	Relocatable Classrooms	E1045		1,800	3,200	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	18,500
	Site Acquisition & Construction Reserve	E1047		-	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	20,000
	Technology	E1048		2,750	5,500	5,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	73,750
	School Parking Lot Expansions	E1012		4,200	-	-	-	-	-	600	600	600	600	600	7,200
	Planning and Design	E1038		700	400	400	300	300	300	300	300	300	300	300	3,900
	Barrier Free	E0989		5,603	200	200	200	200	200	200	200	200	200	200	7,603
	TOTALS			\$ 74,720	\$ 92,265	\$ 115,872	\$ 135,504	\$ 130,022	\$ 140,043	\$ 105,451	\$ 120,064	\$ 107,039	\$ 106,203	\$ 79,152	\$ 1,206,335

Ten-Year Long-Range Master Plan = \$1,131,615

V. Upon receiving written notification from the Howard County Public School System that a school or school region has reached 95 percent capacity utilization and is projected to exceed 110 percent capacity utilization within five years as well as the Board of Education's proposed solution to address the projected overcrowding, the County Council shall hold a joint special work meeting.

Schools that have reached 95 percent capacity utilization and are projected to exceed 110 percent capacity utilization within five years are listed below. Staff's assessment of these enrollment projections was presented in the 2018 Feasibility Study, which influenced the FY2020 Capital Budget request. Both the Feasibility Study and all versions of the Superintendent's and Board's capital budgets were provided to the County Council. The actual 2018 or projected 2024 capacity utilization does not include the temporary capacity gained by the use of relocatable classrooms. The relocatable counts do not include the Board approved placement of additional relocatables at Cradlerock ES and Hollifield Station ES in the summer of 2019.

95% capacity utilization in 2018 and projected to be 110% capacity utilization by 2024

School	9/30/2018	2024	Relos	Potential Solutions
	Actual	Projection		
Atholton Elementary School	105.0%	112.3%	3	New ES #43 in 2023, comprehensive boundary review
Bellows Spring Elementary School	96.5%	117.0%	5	New ES #43 in 2023, comprehensive boundary review
Bryant Woods Elementary School	116.1%	121.6%	4	Comprehensive boundary review
Centennial Lane Elementary School	113.4%	115.9%	6	Comprehensive boundary review
Cradlerock Elementary School	116.1%	113.1%	1	New ES #43 in 2023, comprehensive boundary review
Fulton Elementary School	111.1%	135.4%	9	New ES #43 in 2023, comprehensive boundary review
Hammond Elementary School	95.4%	110.3%	1	Monitor projections, comprehensive boundary review
Hollifield Station Elementary School	120.1%	116.3%	3	Comprehensive boundary review
Manor Woods Elementary School	95.4%	111.6%	5	Monitor projections, comprehensive boundary review
Northfield Elementary School	106.7%	115.9%	1	Comprehensive boundary review
Pointers Run Elementary School	116.8%	127.0%	9	Comprehensive boundary review
St. John's Lane Elementary School	118.6%	127.6%	7	Comprehensive boundary review
Triadelphia Ridge Elementary School	96.9%	111.2%	0	Comprehensive boundary review
Waverly Elementary School	106.0%	120.4%	5	Comprehensive boundary review
West Friendship Elementary School	96.9%	121.0%	0	Comprehensive boundary review
Bonnie Branch Middle School	107.0%	113.6%	2	Comprehensive boundary review
Dunloggin Middle School	116.8%	116.5%	5	Addition in 2024
Ellicott Mills Middle School	124.0%	115.5%	7	Addition in 2023
Murray Hill Middle School	108.3%	120.8%	6	Comprehensive boundary review
Atholton High School	103.0%	112.1%	0	New HS #13 in 2023, comprehensive boundary review
Centennial High School	116.9%	130.5%	9	New HS #13 in 2023, comprehensive boundary review
Hammond High School	111.5%	133.9%	4	New HS #13 in 2023, comprehensive boundary review
Howard High School	133.1%	146.9%	15	New HS #13 in 2023, comprehensive boundary review
Long Reach High School	104.4%	142.9%	7	New HS #13 in 2023, comprehensive boundary review
Mt. Hebron High School	116.2%	121.0%	5	New HS #13 in 2023, comprehensive boundary review
Reservoir High School	101.9%	119.3%	5	New HS #13 in 2023, comprehensive boundary review

Not 95% capacity utilization in 2018, but meets the 110% by 2024 criteria

School	9/30/2018	2024	Relos	Potential Solutions
	Actual	Projection		
Clemens Crossing Elementary School	94.2%	136.9%	3	Comprehensive boundary review
Hanover Hills Elementary School	80.4%	136.4%	0	New ES #43 in 2023
Running Brook Elementary School	87.8%	137.5%	3	Comprehensive boundary review
Thomas Viaduct Middle School	93.2%	130.5%	0	Comprehensive boundary review