



**BOARD OF EDUCATION OF HOWARD COUNTY
MEETING AGENDA ITEM**

TITLE: Adequate Public Facilities Ordinance (APFO) Chart **DATE:** May 7, 2015

PRESENTER(S): Joel Gallihue, Manager, School Planning

VISION 2018 GOAL: ☒ Students ☒ Staff ☒ Families and Community ☒ Organization

OVERVIEW:

The Adequate Public Facilities Ordinance (APFO) chart is utilized as part of the residential growth management process of Howard County. County code requires that the school system provide this report each year. The attached APFO chart lists schools as "closed" if the enrollment projection developed for the FY 2016 Capital Budget and Capital Improvement Program/Redistricting Process exceeds 115 percent of capacity as listed and funded in the most recent Capital Improvement Program. Closed schools are indicated in the chart with the letter "C" and open schools are left blank.

Individual elementary (Grades K-5) or middle schools (Grades 6-8) that show a capacity utilization of less than 115 percent are considered "open" for future residential development. Those schools with greater than 115 percent capacity utilization are considered "closed" for future residential development. At the elementary level, regions that demonstrate capacity utilization above 115 percent are considered "closed" to future residential development.

The "OCIP" notation has been used to denote a school which is open, even when its capacity utilization percentage is over 115 percent, because an approved capital project and feasible redistricting will make the area open. This notation has been applied to this chart for schools involved in redistricting plans associated with additions at Waverly ES and Swansfield ES, as well as the opening of New Elementary School #42.

RECOMMENDATION/FUTURE DIRECTION:

Approve the APFO chart for submittal to the Howard County Council for their adoption.

SUBMITTED BY:	APPROVAL/CONCURRENCE:
<u>Joel Gallihue</u> Manager, School Planning	<u>Renee Foose, Ed. D.</u> Superintendent

Susan C. Mascaro
Chief of Staff

Camille Jones
Chief Operating Officer

Bruce Gist, Executive Director
Facilities, Planning and Mgmt.

ELEMENTARY SCHOOLS - MAY 2015 APFO Test

Capacity Utilization Rates with Board of Education's Approved FY 2016 Capital Budget Projects
 Chart reflects May 2014 Projections, Board of Education's Requested FY 2016 capacities, and proposed redistricting associated with Capital Projects.

		Capacity		2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28	
		Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.
Columbia - East																							
Cradlerock ES	398	398	398	463	116.3	C	450	113.1	C	446	112.1	C	443	111.3	C	442	111.1	C	439	109.5	C	437	108.7
Jeffers Hill ES	421	421	421	384	91.2	C	392	93.1	C	396	94.1	C	396	94.1	C	402	95.6	C	410	97.4	C	415	98.6
Phelps Luck ES	616	616	616	548	88.9	C	548	88.9	C	549	89.1	C	551	91.1	C	558	90.6	C	564	91.5	C	573	93.0
Stevens Forest ES	399	399	399	455	114.0	C	454	113.6	C	460	115.3	C	469	117.5	C	474	118.8	C	478	119.8	C	482	120.8
Talbot Springs ES	377	377	377	391	103.7	C	386	102.4	C	382	101.3	C	384	101.9	C	391	103.7	C	395	104.8	C	405	107.4
Thunder Hill ES	509	509	509	523	102.8	C	518	101.8	C	522	102.8	C	527	103.5	C	536	105.3	C	542	106.5	C	556	107.1
Region Totals	2720	2720	2720	2741	100.8	C	2751	101.1	C	2763	101.6	C	2780	102.2	C	2816	103.5	C	2855	105.0	C	2935	107.3
Columbia - West																							
Bryant Woods ES	361	361	361	371	102.8	C	379	105.0	C	384	106.4	C	389	107.8	C	390	108.0	C	392	108.6	C	400	110.8
Clemens Crossing ES	521	521	521	524	100.6	C	530	101.7	C	534	100.6	C	539	101.8	C	505	93.9	C	497	95.4	C	495	95.0
Longview ES	512	512	512	442	86.3	C	435	85.0	C	432	84.4	C	429	83.8	C	434	84.8	C	439	85.7	C	444	86.7
Running Brook ES	515	515	515	727	141.2	C	778	151.0	C	837	162.5	C	894	173.6	C	950	183.2	C	1023	198.6	C	1047	203.3
Swainsfield ES	621	621	621	586	94.4	C	557	89.7	C	557	89.7	C	562	90.5	C	565	91.0	C	571	91.9	C	581	93.6
Region Totals	2530	2530	2530	2630	104.0	C	2670	105.5	C	2737	108.2	C	2851	112.7	C	2889	114.2	C	2922	115.8	C	2957	116.9
Northeastern																							
Bellevue Spring ES	751	751	751	841	112.0	C	886	118.0	C	917	122.1	C	938	124.9	C	923	122.9	C	927	123.4	C	917	122.1
Deep Run ES	772	772	772	1091	141.3	C	1178	152.4	C	1256	162.7	C	1336	173.7	C	1314	169.4	C	1282	167.1	C	1251	162.7
Duckett Lane ES	669	669	669	699	104.5	C	719	107.5	C	739	110.5	C	759	113.5	C	779	116.5	C	799	119.5	C	819	122.5
Elkridge ES	760	760	760	806	106.1	C	844	111.1	C	882	116.1	C	920	121.1	C	958	126.1	C	996	131.1	C	1034	136.1
Ilchester ES	653	653	653	663	101.4	C	673	103.1	C	683	104.6	C	693	106.1	C	703	107.6	C	713	109.1	C	723	110.6
New ES #42	788	788	788	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0
Rockburn ES	672	672	672	672	100.0	C	672	100.0	C	672	100.0	C	672	100.0	C	672	100.0	C	672	100.0	C	672	100.0
Veterans ES	788	788	788	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0
Waterloo ES	663	663	663	663	100.0	C	663	100.0	C	663	100.0	C	663	100.0	C	663	100.0	C	663	100.0	C	663	100.0
Worthington ES	590	590	590	590	100.0	C	590	100.0	C	590	100.0	C	590	100.0	C	590	100.0	C	590	100.0	C	590	100.0
Region Totals	7106	7106	7106	7106	100.0	C	7106	100.0	C	7106	100.0	C	7106	100.0	C	7106	100.0	C	7106	100.0	C	7106	100.0
Northern																							
Centennial Lane ES	647	647	647	756	116.8	C	790	122.1	C	810	125.2	C	814	125.8	C	814	125.8	C	814	125.8	C	814	125.8
Hoffield Station ES	694	694	694	748	107.8	C	782	112.6	C	810	117.5	C	836	121.1	C	851	122.6	C	860	123.9	C	852	122.8
Manor Woods ES	681	681	681	1025	150.5	C	1126	165.3	C	1230	180.6	C	1307	191.9	C	1356	199.1	C	1418	206.8	C	1480	214.0
Northfield ES	700	700	700	714	102.0	C	721	103.0	C	727	103.9	C	733	104.6	C	742	106.0	C	750	107.1	C	758	108.3
St Johns Lane ES	612	612	612	712	116.3	C	751	122.7	C	773	126.3	C	784	128.1	C	784	128.1	C	787	128.6	C	790	129.0
Waverly ES	738	738	738	738	100.0	C	738	100.0	C	738	100.0	C	738	100.0	C	738	100.0	C	738	100.0	C	738	100.0
Region Totals	4072	4072	4072	4632	113.8	C	4771	117.2	C	4946	121.5	C	5158	126.7	C	5205	127.8	C	5244	128.8	C	5296	130.1
Southeastern																							
Atholton ES	424	424	424	403	95.0	C	416	98.1	C	416	98.1	C	419	98.3	C	422	99.5	C	428	100.2	C	440	103.8
Bolton Bridge ES	666	666	666	794	119.2	C	841	126.3	C	870	130.6	C	893	134.1	C	903	135.6	C	919	138.0	C	934	140.2
Forest Ridge ES	669	669	669	693	103.6	C	719	107.5	C	745	111.2	C	771	115.0	C	797	118.8	C	823	122.6	C	849	126.6
Gorman Crossing ES	700	700	700	739	105.6	C	786	112.3	C	833	119.0	C	880	125.7	C	927	132.4	C	974	139.1	C	1021	145.8
Guilford ES	465	465	465	498	107.1	C	507	108.0	C	514	110.5	C	505	108.6	C	511	109.3	C	518	111.4	C	530	114.0
Hammond ES	653	653	653	622	95.3	C	645	98.8	C	649	100.9	C	653	101.5	C	657	102.1	C	661	102.7	C	665	103.3
Laurel Woods ES	640	640	640	573	89.5	C	559	87.3	C	547	85.5	C	538	83.8	C	529	82.3	C	520	80.8	C	511	79.4
Region Totals	4217	4217	4217	4564	108.2	C	4683	111.1	C	4798	113.8	C	4848	115.0	C	4900	116.2	C	4960	117.6	C	5006	118.7
Western																							
Bushy Park ES	788	788	788	569	72.2	C	565	71.7	C	575	73.0	C	573	72.7	C	583	74.0	C	573	72.7	C	581	73.7
Clarksville ES	612	612	612	394	64.4	C	382	62.4	C	378	61.8	C	377	61.6	C	384	62.7	C	384	62.7	C	387	63.2
Dayton Oaks ES	788	788	788	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0	C	788	100.0
Fulton ES	527	527	527	527	100.0	C	527	100.0	C	527	100.0	C	527	100.0	C	527	100.0	C	527	100.0	C	527	100.0
Lisbon ES	744	744	744	744	100.0	C	744	100.0	C	744	100.0	C	744	100.0	C	744	100.0	C	744	100.0	C	744	100.0
Pointers Run ES	581	581	581	581	100.0	C	581	100.0	C	581	100.0	C	581	100.0	C	581	100.0	C	581	100.0	C	581	100.0
Triadelphia Ridge ES	414	414	414	261	63.0	C	252	60.9	C	244	59.9	C	244	59.9	C	244	59.9	C	244	59.9	C	244	59.9
West Friendship ES	5242	5242	5242	4645	88.6	C	4386	83.7	C	4386	83.7	C	4392	83.8	C	4392	83.8	C	4392	83.8	C	4392	83.8
Region Totals	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C	27376	108.1
Countywide Totals																							
	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C	27376	108.1
	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C	27376	108.1
	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C	27376	108.1
	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C	27376	108.1
	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C	27376	108.1
	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C	27376	108.1
	25887	25887	25887	26010	100.5	C	26323	101.7	C	26534	103.7	C	26748	105.0	C	26969	106.3	C	27188	107.2	C		

MIDDLE SCHOOLS - MAY 2015 APFO Test

Capacity Utilization Rates with Board of Education's Approved FY 2016 Capital Budget Projects

Chart reflects May 2014 Projections, Board of Education's Requested FY 2016 capacities, and proposed redistricting associated with Capital Projects.

Capacity			2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28	
	2018	2019	2020	2021	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.
Columbia - East	643	643	643	643	622	96.7	626	97.4	620	96.4	624	97.0	611	95.0	611	95.0	610	94.9	627	97.5	634	98.6
Lake Elkhorn MS	506	506	506	506	512	101.2	518	102.4	519	102.6	516	101.4	520	102.8	521	103.0	528	104.3	528	104.3	530	104.7
Oakland Mills MS	1149	1149	1149	1149	1134	98.7	1144	99.5	1139	99.1	1141	99.3	1131	98.4	1132	98.5	1138	99.0	1155	100.5	1164	101.3
Region MS Totals																						
Columbia - West	506	506	506	506	592	117.0	612	120.9	581	116.8	616	121.7	590	116.6	584	115.4	587	116.0	592	117.0	592	117.0
Harpers Choice MS	760	760	760	760	693	91.2	741	97.5	740	97.4	768	101.1	834	109.7	875	115.1	922	121.3	949	124.9	966	127.1
Wild Lake MS	1266	1266	1266	1266	1235	101.5	1353	106.9	1331	105.1	1384	109.3	1424	112.5	1459	115.2	1509	119.2	1541	121.7	1558	123.1
Region MS Totals																						
Northeastern	662	662	662	662	735	111.0	749	113.1	699	105.6	667	100.8	657	99.2	650	98.2	657	99.2	673	101.7	693	104.7
Bonnie Branch MS	779	779	779	779	734	94.2	742	95.3	747	95.9	762	100.4	816	104.7	838	107.6	845	108.5	844	108.3	857	110.0
Elkridge Landing MS	818	818	818	818	852	128.7	883	107.9	909	111.1	937	114.5	931	113.8	917	112.1	926	113.2	926	113.2	921	112.6
Ellicott Mills MS	798	798	798	798	780	97.7	851	106.6	863	108.1	901	112.9	964	120.8	1007	126.2	1021	127.9	1020	127.8	1024	128.3
Mayfield Woods MS	701	701	701	701	733	104.6	803	114.6	833	118.8	891	127.1	966	137.8	1026	146.4	1053	150.9	1103	157.3	1109	158.2
Thomas Vieduct MS	3602	3758	3758	3758	3834	106.4	4028	107.2	4051	107.3	4178	111.2	4334	115.3	4438	118.1	4542	120.9	4566	121.5	4604	122.5
Region MS Totals																						
Northern	779	779	779	779	767	98.5	782	100.4	808	103.7	839	107.7	892	114.5	938	120.4	976	125.3	999	128.2	1009	129.5
Burleigh Manor MS	565	562	562	562	674	119.3	678	120.4	689	121.4	712	124.6	722	127.1	720	126.8	721	126.9	735	129.5	748	130.6
Dunleagh MS	643	643	643	643	752	117.0	768	119.4	762	118.5	773	120.2	796	122.7	789	122.7	812	126.3	818	127.2	840	130.6
Palapasco MS	1987	2084	2084	2084	2193	110.4	2228	106.9	2259	108.4	2324	111.5	2361	113.3	2446	117.4	2485	119.2	2532	121.5	2597	124.6
Region MS Totals																						
Southeastern	604	604	604	604	629	104.1	654	108.3	682	112.9	685	113.4	709	117.4	738	122.2	758	125.5	771	127.6	781	129.3
Hammond MS	662	662	662	662	746	112.7	810	122.4	843	127.3	839	126.7	800	120.8	792	119.6	804	121.5	796	120.5	788	119.0
Murray Hill MS	760	760	760	760	844	111.1	838	110.3	873	114.9	878	115.5	911	119.9	948	124.7	976	128.4	1018	133.9	1068	140.5
Patuxent Valley MS	2026	2026	2026	2026	2219	109.5	2302	113.6	2398	118.4	2402	118.6	2478	122.3	2538	125.3	2593	128.0	2645	130.6	2650	130.8
Region MS Totals																						
Western	643	643	643	643	521	81.0	537	83.5	514	79.9	490	76.2	470	73.1	476	74.0	482	75.0	474	73.7	475	73.9
Clarksville MS	662	662	662	662	649	98.0	706	105.6	710	107.3	704	106.3	700	105.7	723	109.2	732	110.6	719	108.3	709	107.1
Folly Quarter MS	545	545	545	545	497	91.2	521	95.5	515	94.5	523	96.0	485	89.0	493	90.5	487	89.4	512	93.9	507	93.0
Glenwood MS	701	701	701	701	724	103.3	774	110.4	779	111.1	786	112.1	788	112.4	804	114.7	811	115.7	797	113.7	776	110.7
Lime Kiln MS	798	798	798	798	832	104.3	848	106.3	867	108.6	855	107.1	875	109.6	882	110.5	922	115.5	938	117.5	960	120.3
Mount View MS	3349	3349	3349	3349	3223	96.2	3386	101.1	3395	101.1	3358	100.3	3318	99.1	3378	100.9	3434	102.5	3445	102.9	3426	102.3
Region MS Totals	13379	13632	13632	13632	13888	103.8	14441	105.9	14563	106.8	14787	108.5	15191	111.4	15486	113.6	15759	115.6	15895	116.6	15999	117.4
Countywide Totals																						

A: Capacity includes additions as reflected in FY 2016 CIP for Grades 6-8 between 2015 and 2021.

R: Replacement school scheduled to open August 2017.

