



Managing Growth Howard County's APFO



RACIAL EQUITY TASK FORCE LAND USE & HOUSING POLICY

MARCH 9, 2021





Comprehensive Plans

Required every 10 years
(1960, 1971, 1982, 1990, 2000, 2012)

Regular updates are necessary for
guiding decisions on:

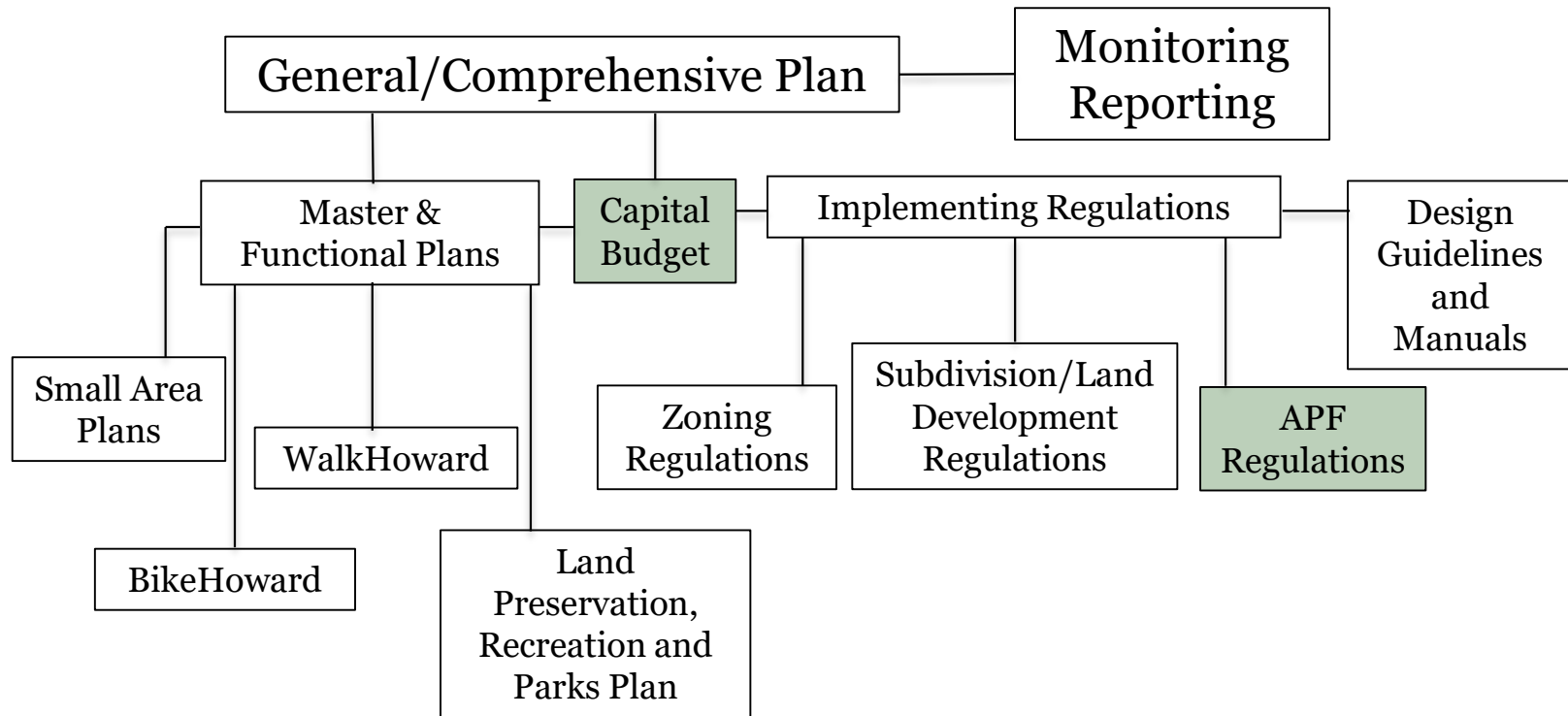
- development;
- land preservation;
- changing demographic and employment trends;
- neighborhood sustainability; and
- County services and capital projects







Planning Coordination





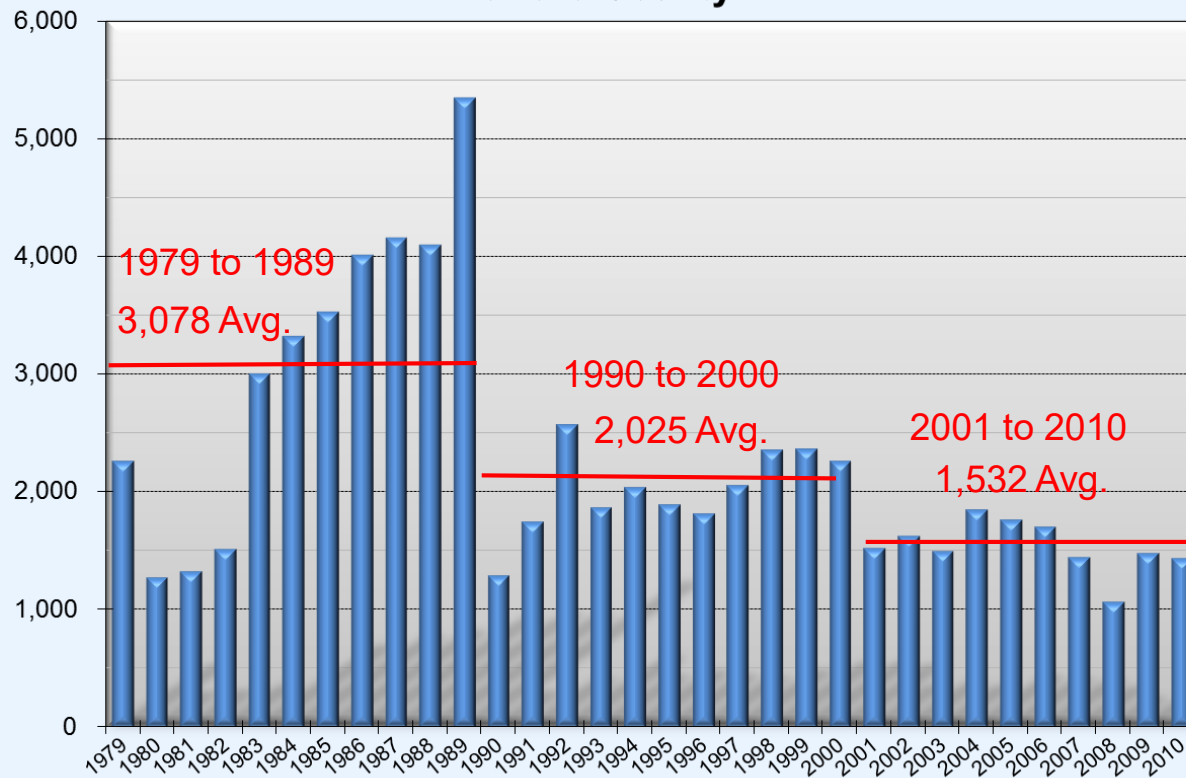
Capital Budget

- Each year a 6-year capital improvement plan (CIP) is adopted by the County Council
- The CIP covers roads, schools, fire, police, parks, libraries, community college, water and sewer, stormwater, and other county facilities
- Based on general plan and individual department plan objectives
- Coordinated with APF projections



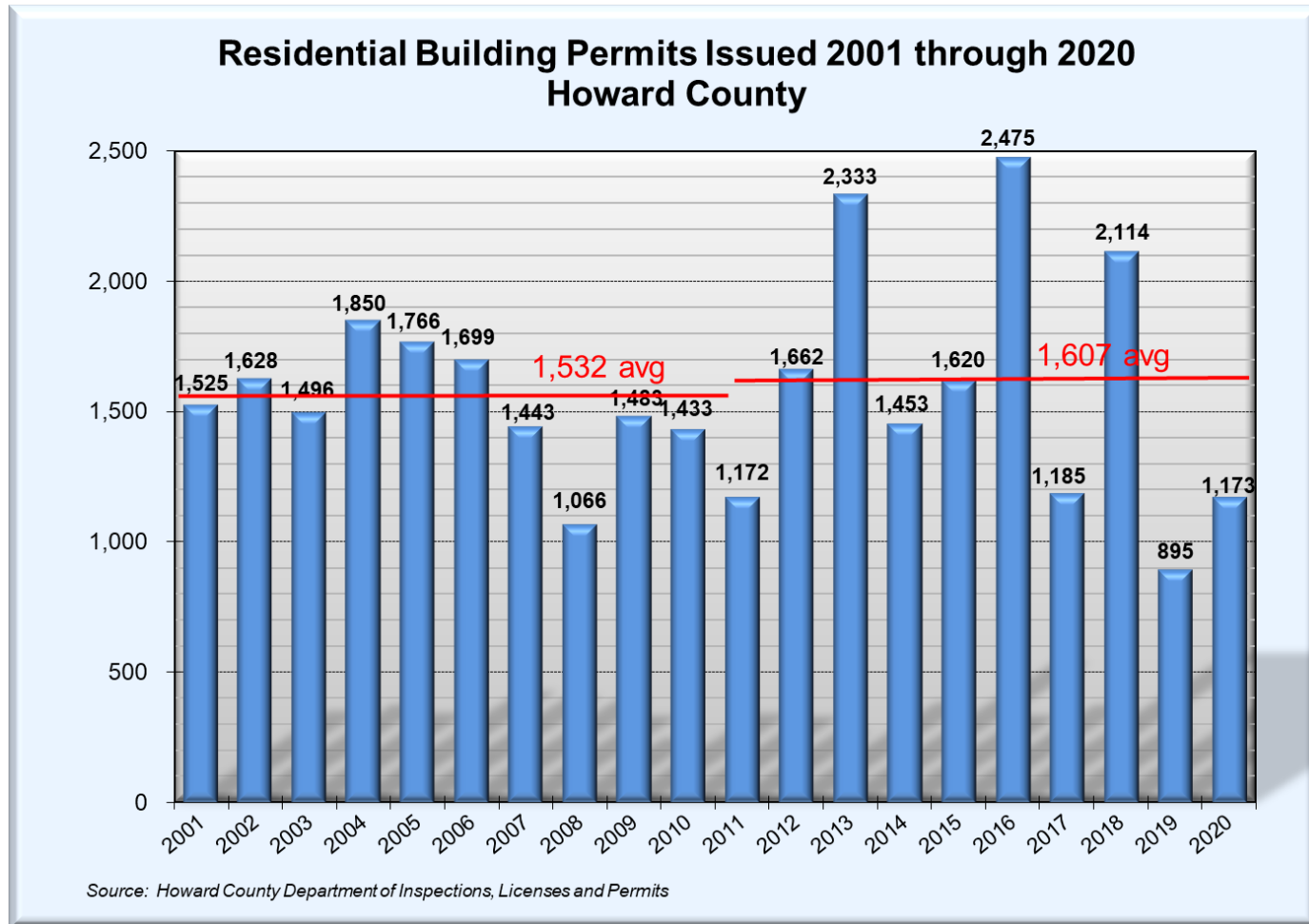
Adequate Public Facilities Act

**Total Residential Building Permits Issued 1979 to 2010
Howard County**



Source: 1990 to 2010 Howard County Department of Inspections, Licenses and Permits, 1979 to 1989 Regional Planning Council

Adequate Public Facilities Act





Adequate Public Facilities Act

- There are 3 test associated with APFO:
1) Allocations, 2) Schools, 3) Roads
- Allocations test is conducted at initial plan stage approval
- School Capacity test conducted once plan has allocations
- For roads test, traffic study must be conducted, and adverse impacts must be mitigated by developer

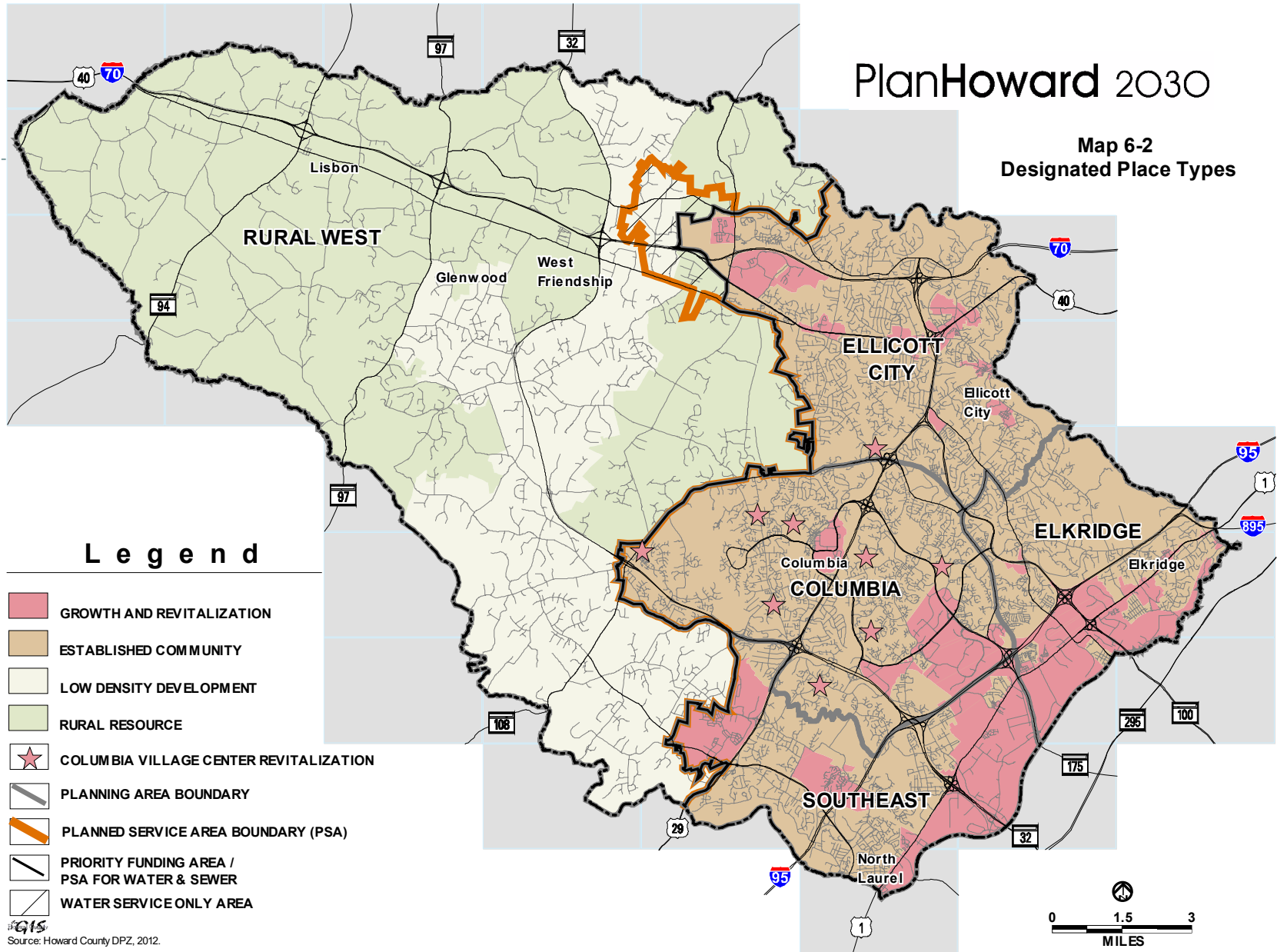


Adequate Public Facilities Act

- Annual housing allocations based on PlanHoward 2030
- 1 allocation = 1 dwelling unit, house type doesn't matter
- Allocations – cap and pace growth to plan for and provide capital facilities
- Allocations by Designated Place Types and other specialty pools

PlanHoward 2030

Map 6-2
Designated Place Types





Adequate Public Facilities Act

Figure 6-10
Howard County APFO Allocations Chart

Year	Downtown Columbia	Growth and Revitalization	Established Communities	Green Neighborhood	Rural West	Total County
2015	400	1,200	400	150	100	2,250
2016	350	1,200	400	150	100	2,200
2017	300	1,200	400	150	100	2,150
2018	100	1,200	400	150	100	1,950
2019	100	1,200	400	150	100	1,950
2020	96	1,000	600	150	100	1,946
2021	400	1,000	600	150	100	2,250
2022	350	1,000	600	150	100	2,200
2023	300	1,000	600	150	100	2,150
2024	225	1,000	600	150	100	2,075
2025	200	1,000	600	150	100	2,050
2026	200	1,000	600	150	100	2,050
2027	200	1,000	600	150	100	2,050
2028	179	1,000	600	150	100	2,029
2029	175	1,000	600	150	100	2,025
2030	175	1,000	600	150	100	2,025
Total	3,750	17,000	8,600	2,400	1,600	33,350

Source: Howard County DPZ

Closed Status - At sometime before end of allocation year

Allocation	Columbia	Columbia								
Year	East	West	North	Northeast	Southeast	West				
1995	Open	Open	Open	Open	Open	Open				
1996	Open	Open	Closed	Closed	Open	Open				
1997	Open	Open	Closed	Closed	Open	Open				
1998	Open	Open	Closed	Closed	Open	Open				
1999	Open	Open	Closed	Closed	Open	Open				
2000	Open	Open	Closed	Open	Open	Closed				
2001	Open	Open	Closed	Open	Open	Open				
2002	Closed	Open	Closed	Open	Open	Open				
2003	Open	Open	Closed	Open	Open	Open				
GP 2000 Adopted	Columbia	Elkridge	Ellicott City	Rural West	Southeast	Senior East	Route 1	MIHU	Green	DT Columbia
2003	Open	Closed	Closed	Closed	Closed	Closed	NA	NA	NA	NA
2004	Open	Closed	Closed	Closed	Closed	Closed	NA	NA	NA	NA
2005	Open	Closed	Closed	Closed	Closed	Open	NA	NA	NA	NA
2006	Open	Closed	Closed	Closed	Closed	Open	Open	NA	NA	NA
2007	Open	Closed	Closed	Closed	Closed	Closed	Open	NA	NA	NA
2008	Open	Closed	Closed	Closed	Closed	Open	Open	NA	NA	NA
2009	Open	Closed	Open	Closed	Closed	Open	Closed	Open	NA	NA
2010	Open	Closed	Open	Open	Closed	Open	Open	Open	Open	NA
2011	Open	Closed	Open	Open	Open	Open	Open	Open	Open	NA
2012	Open	Closed	Open	Open	Open	Open	Open	Closed	Open	NA
2013	Open	Closed	Open	Open	Open	Open	Closed	Closed	Open	Open
2014	Open	Closed	Open	Open	Open	Open	Closed	Open	Open	Open
2015	Open	Closed	Open	Open	Open	Open	Closed	Open	Open	Open
PlanHoward 2030 Adopted	Established Communities	Growth & Revitalization	Rural West	Green	DT Columbia	Shared ES and G & R				
2015	Closed	Open	Open	Open	Open	NA				
2016	Closed	Part Closed (1)	Open	Open	Open	NA				
2017	Closed	Part Closed (1)	Closed	Open	Open	Closed				
2018	Closed (2)	Open	Open	Open	Open	Open				
2019	Closed (2)	Open	Open	Open	Open	Open				
2020	Open	Open	Open	Open	Open	Open				
2021	Open	Open	Open	Open	Open	Open				
2022	Open	Open	Open	Open	Open	Open				

(1) Elkridge and Southeast Planning Areas Closed for G & R

(2) After this area closed allocations were available in the Shared ES and G & R area, so essentially not closed.



School Capacity Test

- Taken after allocations received
- Must pass four tests:
 - 1) open elementary school district <105% (reduced in July 2019)
 - 2) open elementary school region <105% (reduced in July 2019)
 - 3) open middle school district <110% (added after GP 2000)
 - 4) open high school district <115% (added in July 2019)
- Unless all 4 passed, project goes into waiting bin
- Project can be held up to maximum 4 years
- County Council annually adopts a new School Capacity chart
- Chart created and approved by the HCPSS
- Failed projects re-tested annually

ELEMENTARY SCHOOLS - JUNE 2020 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Requested FY 2021 Capital Budget Projects

Chart reflects May 2019 Projections with the impact of the Board's approved SY 2021-22 boundaries and the Board of Education's Requested FY 2021 capacities.

Capacity				2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33			
	2023	2024	2025	2026	Proj	% UHL	Proj	% UHL	Proj	% UHL	Proj	% UHL	Proj	% UHL	Proj	% UHL	Proj	% UHL	Proj	% UHL	Proj	% UHL			
Columbia - East																									
Cradlerock ES	398	398	398	398	454	114.1	C	454	114.1	C	454	114.1	C	455	113.8	C	453	113.8	C	455	114.3	C	453	113.8	C
Jeffers Hill ES	421	421	421	421	373	88.6		367	87.2		368	87.4		377	89.5		393	93.3		403	95.7		412	97.9	
Phelps Luck ES	597	597	597	597	658	110.2	C	656	109.9	C	668	111.9	C	669	112.1	C	674	112.9	C	705	118.1	C	716	119.9	C
Stevens Forest ES	380	380	380	380	352	92.6		347	91.3		347	91.3		348	91.6		352	92.6		354	93.2		355	93.4	
Talbot Springs ES	540	540	540	540	394	73.0		398	73.7		410	75.9		413	76.5		426	78.9		443	82.0		463	85.7	
Thunder Hill ES	509	509	509	509	534	104.9		533	104.7		535	105.1	C	535	105.1	C	555	109.0	C	564	110.8	C	575	113.0	C
Region Totals	2845	2845	2845	2845	2765	97.2		2755	96.8		2782	97.8		2797	98.3		2844	100.0		2912	102.4		2967	104.3	
Columbia - West																									
Bryant Woods ES	361	361	361	361	446	123.5	C	458	126.9	C	470	130.2	C	487	134.9	C	495	137.1	C	510	141.3	C	524	145.2	C
Clemens Crossing ES	521	521	521	521	632	121.3	C	644	123.6	C	659	126.5	C	680	130.5	C	692	132.8	C	714	137.0	C	735	141.1	C
Longfellow ES	512	512	512	512	506	98.8		507	99.0		522	102.0		531	103.7		541	105.7		554	108.2	C	564	110.2	C
Running Brook ES	515	515	515	515	551	107.0	C	589	114.4	C	609	118.3	C	638	123.9	C	665	129.1	C	703	136.5	C	715	138.8	C
Swansfield ES	694	694	694	694	671	96.7		673	97.0		677	97.6		676	97.4		679	97.8		682	98.3		681	98.1	
Region Totals	2603	2603	2603	2603	2806	107.8	C	2871	110.3	C	2937	112.8	C	3012	115.7	C	3072	118.0	C	3163	121.5	C	3219	123.7	C
Northeastern																									
Bellows Spring ES	726	726	726	726	709	97.7		733	101.0		751	103.4		747	102.9		744	102.5		747	102.9		744	102.5	
Deep Run ES	750	750	750	750	752	100.3		786	104.8		806	107.5	C	820	109.3	C	843	112.4	C	866	115.5	C	892	118.9	C
Ducketts Lane ES	650	650	650	650	690	106.2	C	688	105.8	C	692	106.5	C	704	108.3	C	707	108.8	C	721	110.9	C	730	112.3	C
Elkridge ES	760	760	760	760	819	107.8	C	838	110.3	C	875	115.1	C	896	117.9	C	964	126.8	C	1004	132.1	C	1021	134.3	C
Hanover Hills ES	810	810	810	810	706	87.2		697	86.0		697	86.0		694	85.7		729	90.0		752	92.8		747	92.2	
Ilchester ES	584	584	584	584	585	100.2		604	103.4		665	113.9	C	680	116.4	C	704	120.5	C	735	125.9	C	759	130.0	C
Rockburn ES	584	584	584	584	627	107.4	C	638	109.2	C	654	112.0	C	676	115.8	C	677	115.9	C	678	116.1	C	673	115.2	C
Veterans ES	799	799	799	799	851	106.5	C	860	107.6	C	860	107.6	C	897	112.3	C	932	116.6	C	936	117.1	C	938	117.4	C
Waterloo ES	603	603	603	603	574	95.2		580	96.2		593	98.3		600	99.5		604	100.2		615	102.0		620	102.8	
Worthington ES	515	515	515	515	469	91.1		492	95.5		515	100.0		531	103.1		607	117.9	C	660	128.2	C	661	128.3	C
Region Totals	5881	5881	5881	5881	5782	98.2		5746	97.8		5768	98.0		5743	97.8		5711	96.8		5714	96.9		5785	100.0	
Northern																									
Centennial Lane ES	647	647	647	647	727	112.4	C	741	114.5	C	757	117.0	C	768	118.7	C	788	121.8	C	788	121.8	C	801	123.8	C
Hollifield Station ES	732	732	732	732	753	102.9		761	104.0		760	103.8		754	103.0		749	102.3		747	102.0		745	101.8	
Manor Woods ES	681	681	681	681	765	112.3	C	735	107.9	C	743	109.1	C	766	112.5	C	783	115.0	C	774	113.7	C	777	114.1	C
Northfield ES	700	700	700	700	840	120.0	C	858	122.6	C	874	124.9	C	906	129.4	C	930	132.9	C	965	137.9	C	982	140.3	C
St Johns Lane ES	612	612	612	612	686	112.1	C	704	115.0	C	704	115.0	C	697	113.9	C	691	112.9	C	685	111.9	C	676	110.5	C
Waverly ES	788	788	788	788	854	108.4	C	873	110.8	C	867	110.0	C	854	108.4	C	833	109.5	C	844	109.6	C	857	108.8	C
Region Totals	4160	4160	4160	4160	4625	111.2	C	4672	112.3	C	4705	113.1	C	4745	114.1	C	4884	115.0	C	4817	115.8	C	4835	116.2	C
Southeastern																									
Atholton ES	424	424	424	424	442	104.2		444	104.7		444	104.7		443	104.5		442	104.2		441	104.0		442	104.2	
Ballman Bridge ES	666	666	666	666	754	113.2	C	765	114.9	C	760	114.1	C	747	112.2	C	739	111.0	C	737	110.7	C	722	108.4	C
Forest Ridge ES	713	713	713	713	713	100.0		740	103.8		796	111.6	C	844	118.4	C	883	123.8	C	919	128.9	C	942	133.1	C
Gorman Crossing ES	735	735	735	735	869	118.2	C	861	117.1	C	852	115.9	C	863	117.4	C	871	118.5	C	865	117.7	C	850	115.6	C
Gulford ES	465	465	465	465	461	99.1		474	101.9		508	109.2	C	515	110.8	C	528	113.5	C	537	115.5	C	543	116.8	C
Hammond ES	653	653	653	653	756	115.8	C	793	121.4	C	842	128.9	C	862	132.0	C	903	138.3	C	926	141.8	C	943	144.4	C
Region Totals	3888	3888	3888	3888	4292	110.6	C	4346	112.0	C	4408	113.8	C	4483	115.3	C	4571	117.8	C	4668	120.8	C	4774	123.8	C
Northern																									
Centennial Lane ES	647	647	647	647	727	112.4	C	741	114.5	C	757	117.0	C	768	118.7	C	788	121.8	C	788	121.8	C	801	123.8	C
Hollifield Station ES	732	732	732	732	753	102.9		761	104.0		760	103.8		754	103.0		749	102.3		747	102.0		745	101.8	
Manor Woods ES	681	681	681	681	765	112.3	C	735	107.9	C	743	109.1	C	766	112.5	C	783	115.0	C	774	113.7	C	777	114.1	C
Northfield ES	700	700	700	700	840	120.0	C	858	122.6	C	874	124.9	C	906	129.4	C	930	132.9	C	965	137.9	C	982	140.3	C
St Johns Lane ES	612	612	612	612	686	112.1	C	704	115.0	C	704	115.0	C	697	113.9	C	691	112.9	C	685	111.9	C	676	110.5	C
Waverly ES	788	788	788	788	854	108.4	C	873	110.8	C	867	110.0	C	854	108.4	C	833	109.5	C	844	109.6	C	857	108.8	C
Region Totals	4160	4160	4160	4160	4625	111.2	C	4672	112.3	C	4705	113.1	C	4745	114.1	C	4884	115.0	C	4817	115.8	C	4835	116.2	C
Northeastern																									
Atholton ES	424	424	424	424	442	104.2		444	104.7		444	104.7		443	104.5		442	104.2		441	104.0		442	104.2	
Ballman Bridge ES	666	666	666	666	754	113.2	C	765	114.9	C	760	114.1	C	747	112.2	C	739	111.0	C	737	110.7	C	722	108.4	C
Forest Ridge ES	713	713	713	713	713	100.0		740	103.8		796	111.6	C	844	118.4	C	883	123.8	C	919	128.9	C	942	133.1	C
Gorman Crossing ES	735	735	735	735	869	118.2	C	861	117.1	C	852	115.9	C	863	117.4	C	871	118.5	C	865	117.7	C	850	115.6	C
Gulford ES	465	465	465	465	461	99.1		474	101.9		508	109.2	C	515	110.8	C	528	113.5	C	537	115.5	C	543	116.8	C
Hammond ES	653	653	653	653	756	115.8	C	793	121.4	C	842	128.9	C	862	132.0	C	903	138.3	C	926	141.8	C	943	144.4	C
Region Totals	3888	3888	3888	3888	4292	110.6	C	4346	112.0	C	4408	113.8	C	4483	115.3	C	4571	117.8	C	4668	120.8	C	4774	123.8	C
Northern																									
Centennial Lane ES	647	647	647	647	727	112.4	C	741	114.5	C	757	117.0	C	768	118.7	C	788	121.8	C	788	121.8	C	801	123.8	C
Hollifield Station ES	732	732	732	732	753	102.9		761	104.0		760	103.8		754	103.0		749	102.3		747	102.0		745	101.8	
Manor Woods ES	681	681	681	681	765	112.3	C	735	107.9	C	743	109.1	C	766	112.5	C	783	115.0	C	774	113.7	C	777	114.1	C
Northfield ES	700	700	700	700	840																				



Chart reflects May 2019 Projections with the impact of the Board's approved SY 2021-22 boundaries and the Board of Education's Requested FY 2021 capacities.

C: Constrained for future residential development.



School Capacity Test

HIGH SCHOOLS - MAY 2020 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Requested FY 2021 Capital Budget Projects

Chart reflects May 2019 Projections with the impact of the Board's approved SY 2021-22 boundaries and the Board of Education's Requested FY 2021 capacities.

Capacity				2023-24		2024-25		2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33												
2023	2024	2025		Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.	Proj	% Util.											
Atholton HS	1460	1460	1460	1569	107.5	1573	107.7	1594	109.2	1599	109.5	1611	110.3	1651	113.1	1674	114.7	1697	116.2	C	1708	117.0	C	1733	118.7	C								
Centennial HS	1360	1360	1360	1571	115.5	C	1586	116.6	C	1590	116.9	C	1576	115.9	C	1573	115.7	C	1578	116.0	C	1572	115.6	C	1570	115.4	C	1559	114.6	1548	113.8			
Glenelg HS	1420	1420	1420	1438	101.3	1443	101.6	1416	99.7	1401	98.7	1410	99.3	1428	100.6	1474	103.8	1495	105.3	1498	105.5	1507	106.1											
Hammond HS	A	1420	1420	1420	1417	99.8	1457	102.6	1485	104.6	1466	103.2	1477	104.0	1496	105.4	1507	106.1	1545	108.8	1550	109.2	1587	111.8										
Howard HS		1420	1420	1420	1720	121.1	C	1721	121.2	C	1739	122.5	C	1749	123.2	C	1800	126.8	C	1813	127.7	C	1827	128.7	C	1833	129.1	C	1812	127.6	C	1837	129.4	C
Long Reach HS		1488	1488	1488	1873	125.9	C	1918	128.9	C	1950	131.0	C	1963	131.9	C	1991	133.8	C	2021	135.8	C	2073	139.3	C	2106	141.5	C	2118	142.3	C	2162	145.3	C
Marriotts Ridge HS		1615	1615	1615	1858	115.0	C	1896	117.4	C	1939	120.1	C	1915	118.6	C	1942	120.2	C	1929	119.4	C	1919	118.8	C	1957	121.2	C	1936	119.9	C	1935	119.8	C
Mt Hebron HS		1400	1400	1400	1597	114.1	1647	117.6	C	1710	122.1	C	1725	123.2	C	1751	125.1	C	1759	125.6	C	1759	125.6	C	1758	125.6	C	1751	125.1	C	1743	124.5	C	
New HS #13	NS	1658	1658	1658																														
Oakland Mills HS		1400	1400	1400	1495	106.8	1490	106.4	1478	105.6	1475	105.4	1490	106.4	1493	106.6	1499	107.1	1487	106.2	1468	104.9	1468	104.9										
Reservoir HS		1551	1551	1551	1990	128.3	C	2015	129.9	C	2064	133.1	C	2104	135.7	C	2093	134.9	C	2159	139.2	C	2179	140.5	C	2199	141.8	C	2214	142.7	C	2248	144.9	C
River Hill HS		1488	1488	1488	1534	103.1	1492	100.3	1475	99.1	1464	98.4	1469	98.7	1493	100.3	1517	101.9	1554	104.4	1556	104.6	1581	106.3										
Wilde Lake HS		1424	1424	1424	1370	96.2	1347	94.6	1348	94.7	1346	94.5	1356	95.2	1391	97.7	1437	100.9	1478	103.8	1473	103.4	1495	105.0										
Countywide Totals		19104	19104	19104	19432	101.7	19585	102.5	19788	103.6	19783	103.6	19963	104.5	20211	105.8	20437	107.0	20679	108.2	20643	108.1	20844	109.1										

'A' includes additions as reflected in FY 2021 CIP for Grades 9-12

'NS' includes new school as reflected in FY 2021 CIP for Grades 9-12

C: Constrained for future residential development.



120%=====										115%=====												105%=====													
Elementary Schools	3	1	8	8	1	1	1	7		4	10	14	10	14	12	11	4	1	0	0	6	5	3	5	1	5	5	8	9	8	19	26	# closed including totals in closed regions		
Year	1995	1996	1997	1998	1999	2000	2001	2002		2003	2003	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
Centennial Lane	0	0	0	0	0	0	0	0		0	0	0	C	0	0	C	0	0	0	0	0	0	0	0	0	C	C	C	C	0	C	C			
Hollifield Station								C		0	0		C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	C	C	0	C	0			
Manor Woods				0	0	0	0	0		0	0	C	0	C	C	C	C	C	0	0	0	0	0	C	0	0	0	0	0	0	0	0	C		
Northfield		0	0	C	C	0	0	0		0	0	C	0	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C		
St. John's Lane	C	0	C	0	0	0	0	0		0	0	0	C	0	0	C	0	0	0	0	0	0	0	0	0	0	C	C	C	C	C	C			
Waverly	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C		
Northern Region	0	0	0	0	0	0	0	0		0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	C	C	0	C	C		
Bushy Park	0	0	0	0	0	0	0	0		C	C	C	0	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Dayton Oaks																																	C		
Clarksville	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fulton															C	0	0	0	0	0	0	0	0	0	0	0	C	0	C	C	C	0	0		
Lisbon	0	0	0	0	0	0	0	0		C	C	C	C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pointers Run	0	0	0	0	0	0	0	C		C	C	C	C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C		
Triadelphia Ridge								0		0	0	C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	
West Friendship	0	0	0	0	0	0	0	0		0	0	0	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C		
Western Region	0	0	0	0	0	0	0	0		0	0	0	0	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cradlerock (Dasher Green)	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	C	C		
Jeffers Hill	0	0	0	0	0	0	0	0		0	0	0	0	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Phelps Luck	0	0	0	0	0	0	0	0		0	0	0	0	C	0	C	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	C	
Stevens Forest	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Talbott Springs	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	0	0	0	0	C	C	C	0	0		
Thunder Hill	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	C	0	0	0	0	0	0	
Columbia East Region	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bryant Woods	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C		
Clemens Crossing	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	C	C	
Longfellow	0	0	0	0	0	0	0	0		0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Running Brook	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C		
Swansfield	0	0	0	C	C	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	
Columbia West Region	0	0	0	C	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	
Bellows Spring																																	C	0	
Deep Run	0	0	0	C	0	0	0	C		0	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ducketts Lane																										C	0	0	0	0	0	0	0	C	
Elkridge	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	C	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	C	C	
Hanover Hills																																	C	0	
Ilchester					0	0	C	C		0	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rockburn			0	0	0	0	0	C		0	C	C	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	
Veterans																									C	C	0	0	0	0	0	0	C	C	
Waterloo	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0
Worthington	0	0	0	0	0	0	0	0		0	C	C	0	C	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeast Region	0	0	0	0	0	0	0	C		0	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atholton	0	0	C	0	0	0	0	0		C	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	
Bollman Bridge	C	0	C	C	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	0	0	0	0	0	0	C	
Forest Ridge		0	C	0	0	0	0	0		0	0	0	0	C	0	0	0	0	0	0	0	C	C	0	0	C	0	0	C	0	0	0	0	0	
Gorman Crossing								0		0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	C	C	
Guilford	C	0	C	0	0	0	0	0		0	0	0	C	0	0	0	0	0	0	0	C	0	C	0	0	0	0	0	C	0	0	0	0	0	0
Hammond	0	0	C	0	0	0	0	0		0	0	C	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	
Laurel Woods	0	C	C	0	0	C	0	0		0	0	0	0	0	0	0	0	0	0	0	C	0	0	C	0	0	0	0	0	0	0	0	0	0	0
Southeastern Region	0	0	C	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	



		=====115%=====																				==110%==			
MIDDLE SCHOOLS		0	3	1	1	1	2	0	0	0	0	2	1	2	4	4	4	3	6	3	6	5	= # closed		
Year		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<u>Northeastern Region</u>																									
Bonnie Branch			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0			
Elkridge Landing	0	C	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0			
Ellicott Mills	0	0	0	0	0	0	0	0	0	0	0	C	0	0	C	C	C	C	C	C	C	C	0		
Mayfield Woods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Thomas Viaduct																0	0	C	C	0	C	C			
<u>Southeastern Region</u>																									
Hammond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C			
Murray Hill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C	0			
Patuxent Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
<u>Columbia East Region</u>																									
Oakland Mills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Lake Elkhorn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
<u>Columbia West Region</u>																									
Harper's Choice	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C	0	C	0	0	0			
Wilde Lake	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0			
<u>Northern Region</u>																									
Burleigh Manor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0			
Dunloggin	0	C	0	0	0	0	0	0	0	0	0	0	C	C	C	C	C	C	C	C	C	C			
Patapsco	0	C	C	C	C	C	0	0	0	0	0	0	0	0	0	C	C	0	0	0	C	C			
<u>Western Region</u>																									
Clarksville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Folly Quarter				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Glenwood	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Lime Kiln	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Mount View	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	C			



|==115%==|

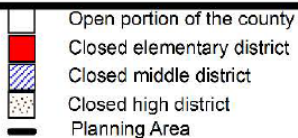
HIGH SCHOOLS

6

5

= # closed

Year	2022	2023
<u>Northeastern Region</u>		
Howard	C	C
Long Reach	C	C
<u>Southeastern Region</u>		
Hammond	C	O
<u>Columbia East Region</u>		
Oakland Mills	O	O
<u>Columbia West Region</u>		
Wilde Lake	O	O
<u>Northern Region</u>		
Centennial	C	C
Marriotts Ridge	O	C
Mt Hebron	C	O
<u>Western Region</u>		
Atholton	O	O
Glenelg	O	O
Reservoir	C	C
River Hill	O	O

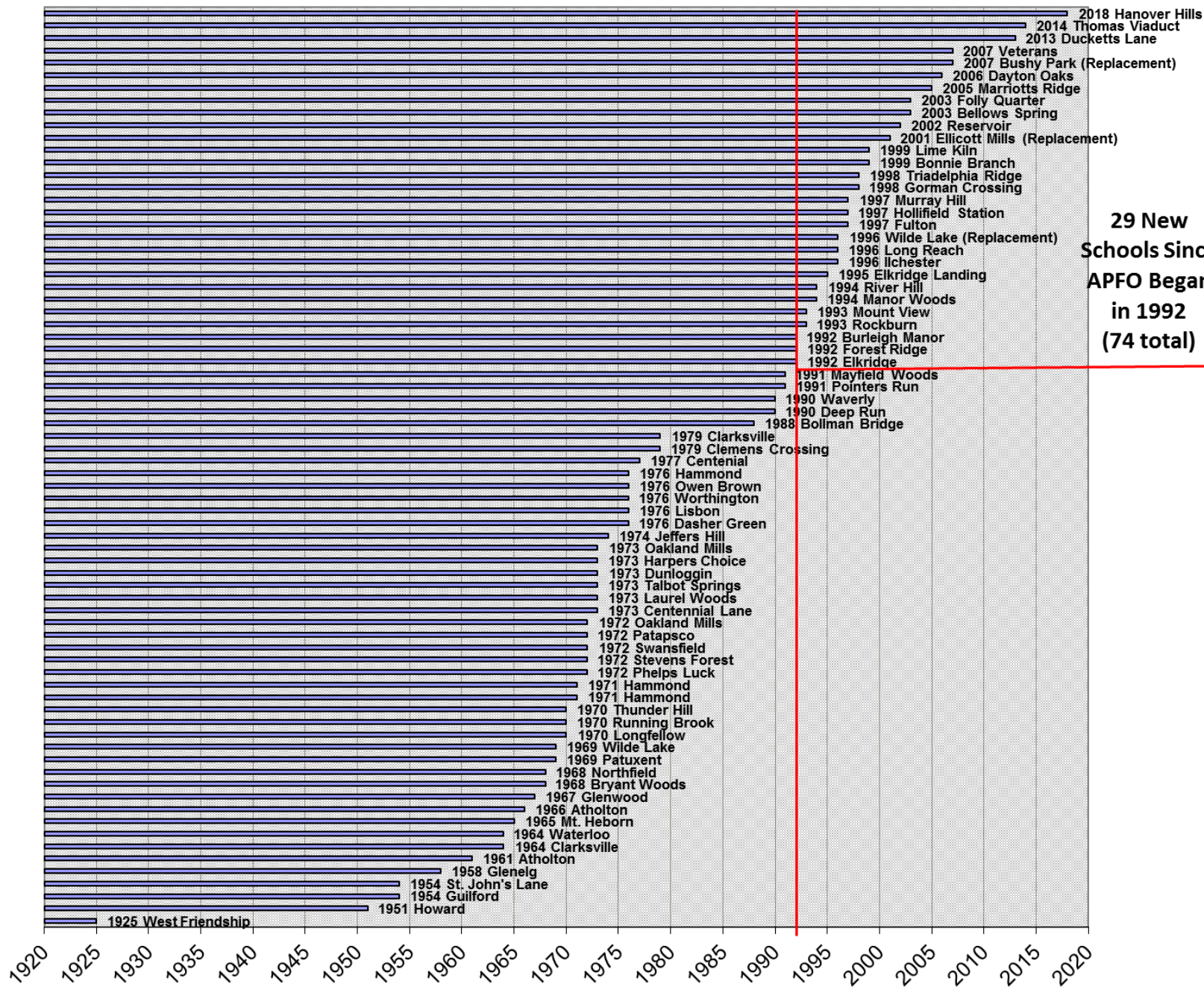


Department of Planning
and Zoning
Division of Research
based on HCPSS data
August 12 2020



**Total Units on Hold
Allocations & Open/Closed Bin**

Allocation Year	Allocations	Open/Clsd Schools	Total
1995	0	0	0
1996	63	0	63
1997	832	62	894
1998	688	533	1,221
1999	869	0	869
2000	109	0	109
2001	74	51	125
2002	484	154	638
2003	360	0	360
GP 2000 Adopted			
2003	461	75	536
2004	497	376	873
2005	654	706	1,360
2006	676	782	1,458
2007	994	966	1,960
2008	1,002	756	1,758
2009	2,925	363	3,288
2010	553	0	553
2011	261	0	261
2012	248	16	264
2013	211	850	1,061
2014	37	13	50
2015	12	133	145
PlanHoward 2030 Adopted			
2015	17	151	168
2016	111	60	171
2017	485	182	667
2018	0	509	509
2019	0	851	851
2020	0	804	804
2021	0	662	662
2022	0	407	407





Summary

- APFO has worked to slow growth in areas of high demand.
- New infrastructure can be planned and paid for and built with a known 20 year growth pace.
- APFO has granted some relief and has given the HCPSS extra time to plan, redistrict and build schools (29 new schools since 1992) & additions.



Issues and Considerations

- If a particular school had been closed to development, may have helped, but not necessarily, due to: 1) high birth and yield rates, 2) turnover of existing housing.
- Programmatic changes such as reduced class size and full day kindergarten has increased level of service and should be taken into consideration when evaluating crowding.
- APFO impacts new development only – can't control existing house turnover & programmatic changes.



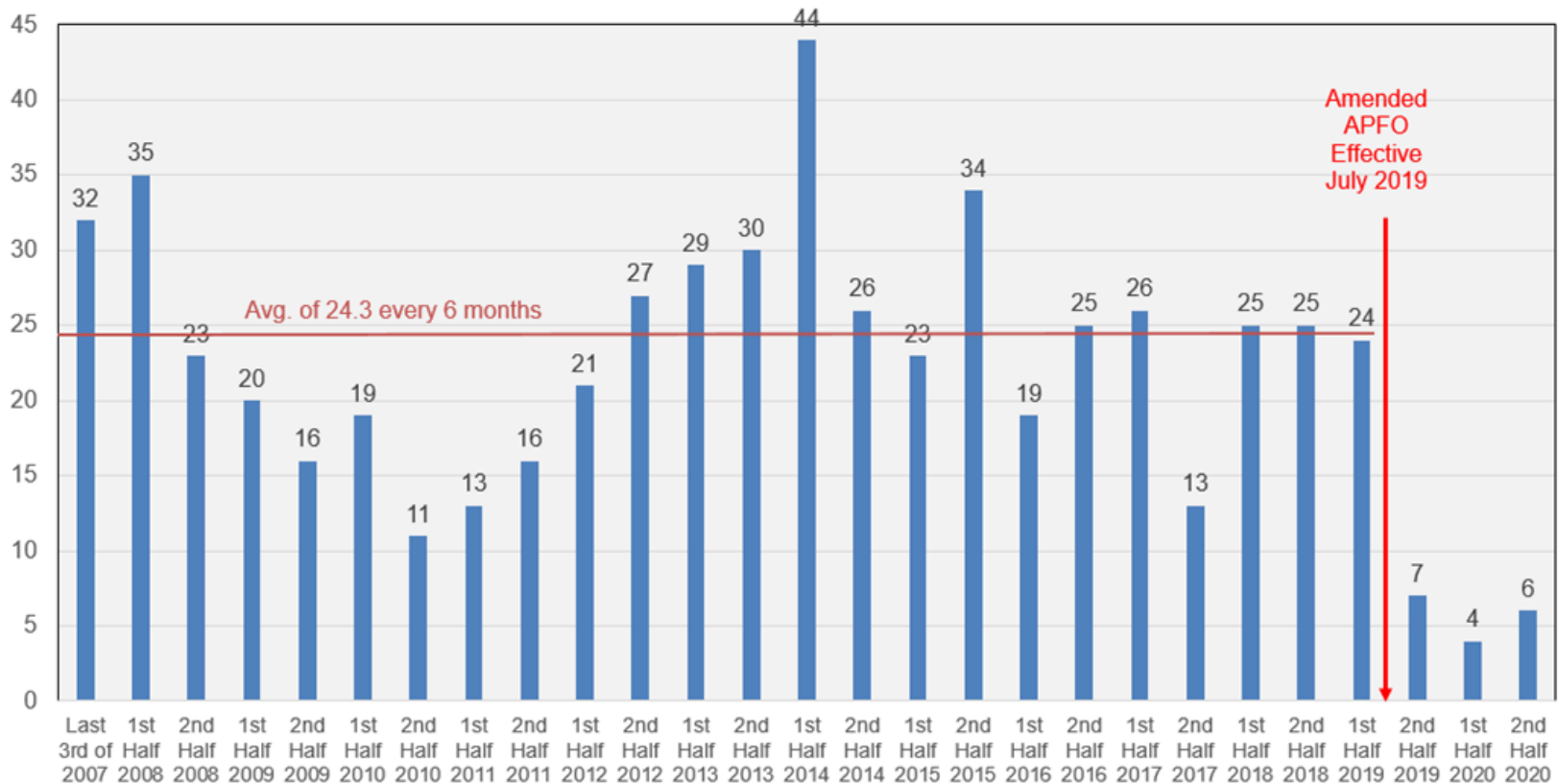
Issues and Considerations

- APFO can work well as a tool to plan for new infrastructure, however doesn't address replacement / renovation of existing infrastructure.
- As jurisdictions age this becomes an increasing need over time.
- Limited capital dollars are needed for both replacement/renovation and new capacity.



Leading Indicator

Number of Presubmission Community Meetings for New Residential Development
Howard County, MD

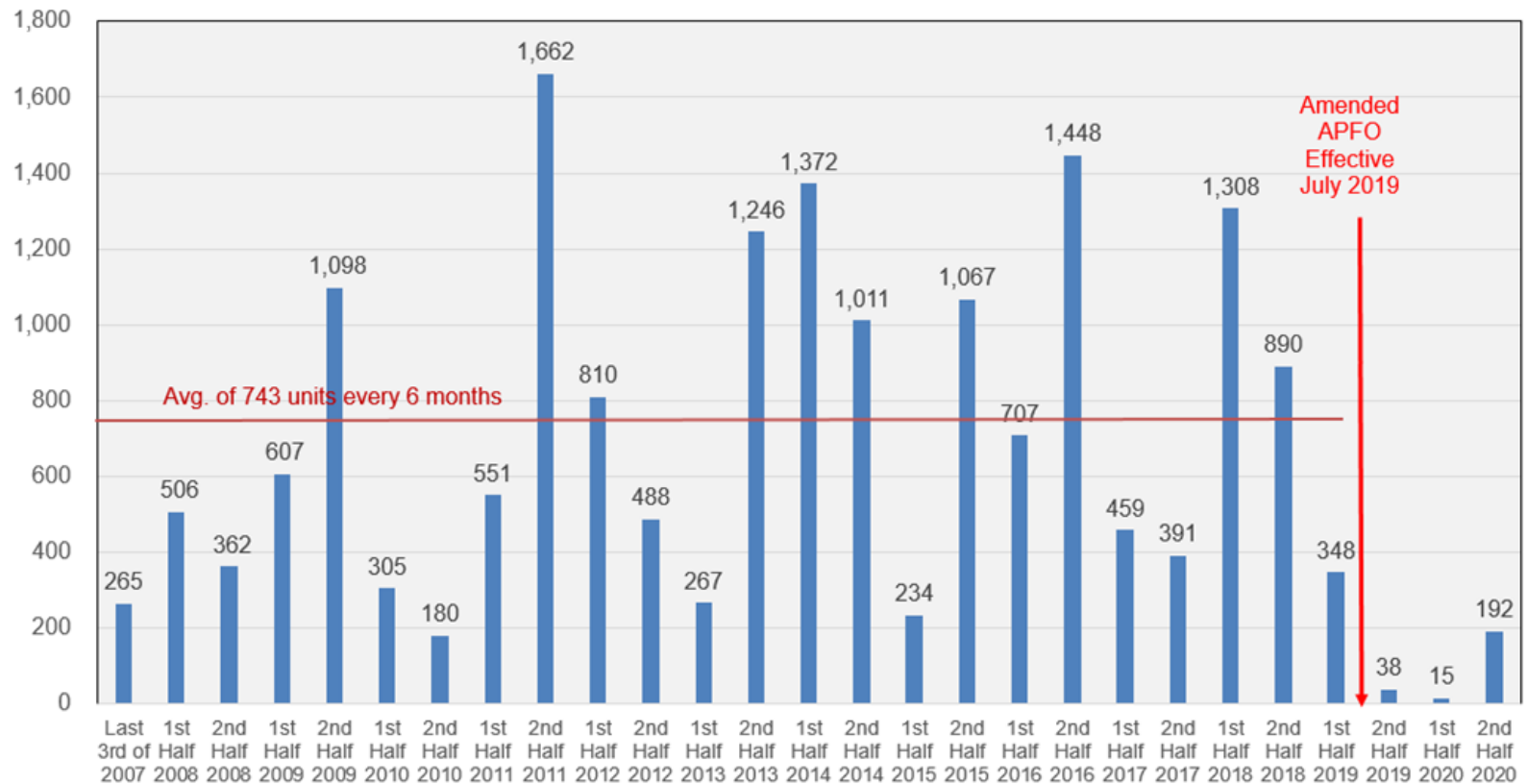


Source: DPZ-DPW Database, Presubmission Community Meetings (residential infill with R Codes), Jan. 26, 2021 (Note: Dorsey Overlook Presub Meeting occurred in Feb, 2020, however this is a repeat meeting from 2018 as plan had been voided and is now coming in again.) Presubmissions first entered in DPZ database beginning Sept 2007.



Leading Indicator

New Units Proposed in Presubmission Community Meetings
Howard County, MD



Source: DPZ-DPW Database, Presubmission Community Meetings (residential infill with R Codes), Jan. 26, 2021 (Note: Dorsey Overlook Presub Meeting occurred in Feb, 2020, however this is a repeat meeting from 2018 as plan had been voided and is now coming in again.) Presubmissions first entered in DPZ database beginning Sept 2007.



Growth Management



Questions

