

## Howard County State Delegation Work Session





Comprehensive Plans

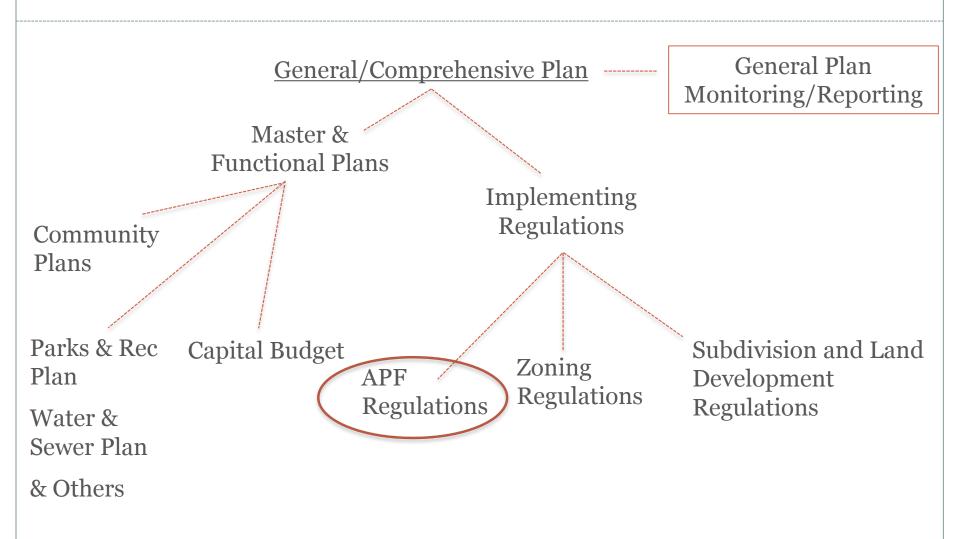
Required every 10 years (1960, 1971, 1982, 1990, 2000, 2012)

**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**

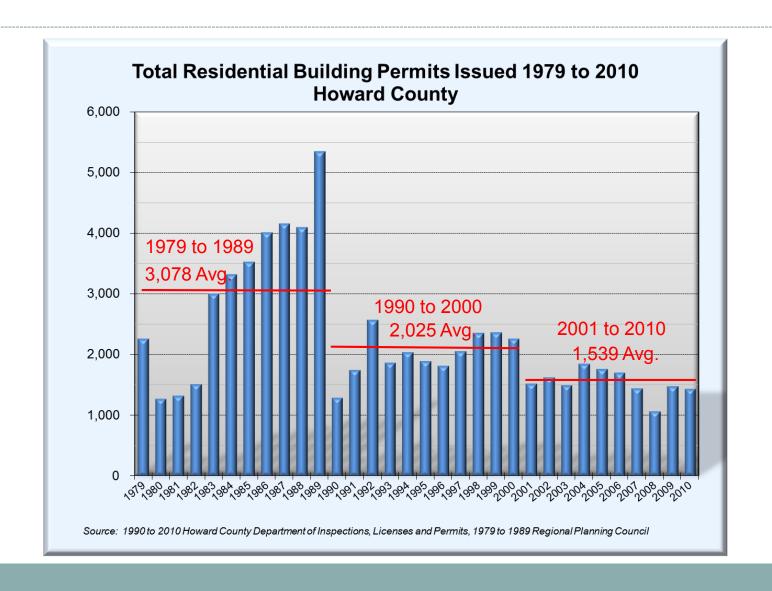




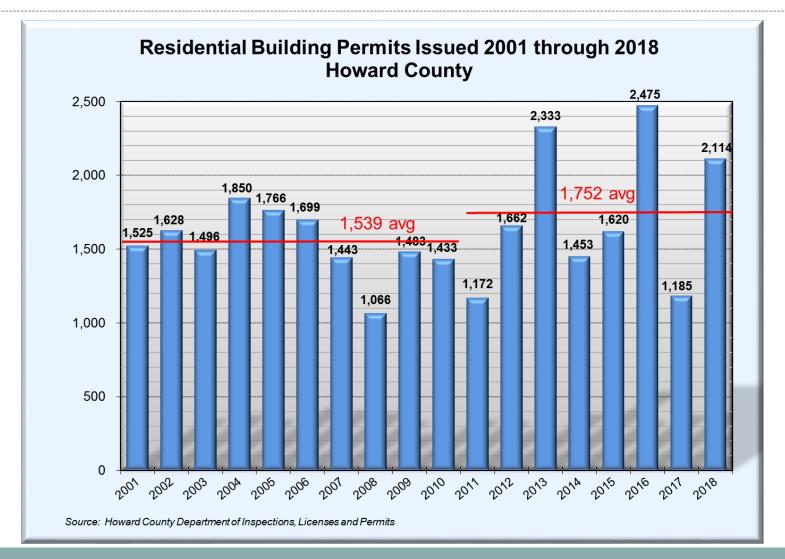
## Capital Budget

- 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 Comp Plan development projections tied to APF

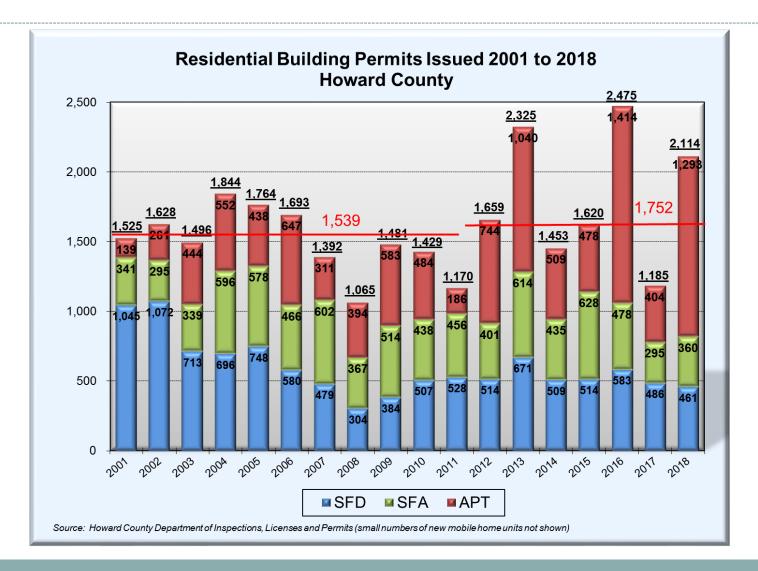




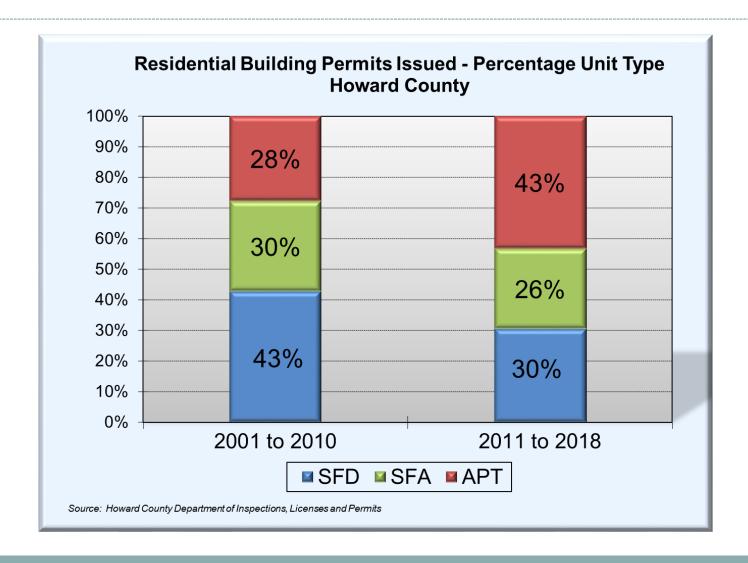














- There are 3 test associated with APFO –
   1) Allocations, 2) Schools, 3) Roads
- · Allocations test is conducted at initial plan stage approval
- Schools test conducted once plan has allocations
- For roads test, traffic study must be conducted, and adverse impacts must be mitigated by developer



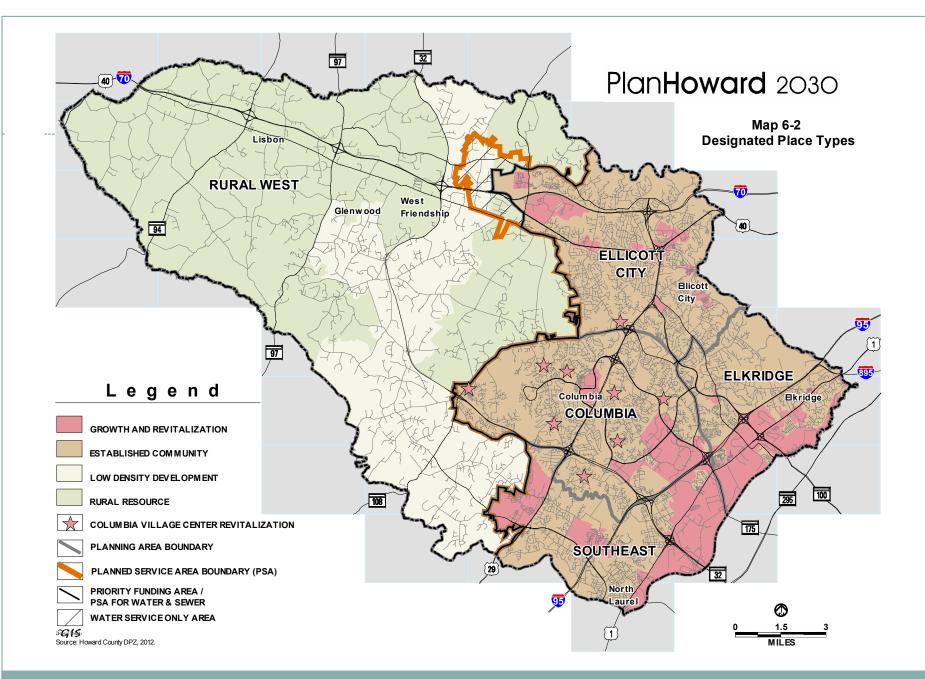
- The <u>annual</u> number of allocations is based on the General Plan <u>PlanHoward 2030</u>
- 1 allocation = 1 dwelling unit no matter type
- Allocations pace development so county government can plan and provide for capital facilities
- Each year the County Council adopts a new 10 year allocation chart (derived from PlanHoward 2030)
- Allocations are given out by Designated Place Types & other specialty pools



Figure 6-10 Howard County APFO Allocations Chart

	Downtown	Growth and	Established	Green	Rural	Total
Year	Columbia	Revitalization	Communities	Neighborhood	West	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



<b>Closed Status</b>	- At someti	me before en	d of allocat	tion 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	<b>Ellicott City</b>	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	Established	Growth &				Shared ES				
Adopted	Communities	s Revitalization	Rural West	Green	DT Columbia	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				

<sup>(1)</sup> Elkridge and Southeast Planning Areas Closed for G & R

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



## Open/Closed Schools Test

- · This test is taken after allocations are received
- There are 3 tests that a project must pass
  - 1) open elementary school district (<115%)
  - 2) open elementary school region (<115%)
  - 3) open middle school district (added after GP 2000) (<115%)
- Must pass all three or go in waiting bin
- Can be held up for a maximum of 4 years
- Each year the County Council adopts a new open/closed school chart. Failed projects are re-tested
- Chart is created & approved by the HCPSS

#### ELEMENTARY SCHOOLS - JUNE 2018 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Approved FY 2019 Capital Budget Projects

Chart reflects May 2017 Projections, Board of Education's Requested FY 2019 capacities, and effects of approved redistricting for the 2018-19 school year Capacity 2021-22 2025-26 2026-27 2027-28 2028-29 2029-30 2030-3 2021 2023 % Util. % Util. Columbia - East 2022 Proj Proj % Util Proj Proj Proj % Util Proj Proj % Util. Proj Proj Cradlerock ES 398 398 398 398 374 94.0 351 88.2 363 91.2 363 912 368 92.5 374 94.0 377 94.7 383 96.2 388 97.5 394 99.0Jeffers Hill ES 421 421 421 421 437 103.8 432 102.6 434 103.1 434 103.1 441 104.8 450 106.9 455 108.1 460 109.3 468 474 112.6 714 Phelps Luck ES 597 597 597 597 654 109.5 664 676 113.2 682 691 115.7 119.6 720 120.6 727 735 123.1 740 124.0 111.2 114.2 121.8 Stevens Forest ES 399 399 410 102.8 424 106.3 105.3 416 104.3 422 105.8 434 108.8 436 109.3 438 109.8 441 110.5 442 110.8 Talbott Springs ES 377 540 540 540 449 119.1 436 80.7 439 81.3 447 82.8 444 82.2 449 83.1 454 84.1 461 85.4 466 86.3 479 88.7 509 509 509 509 513 100.8 507 99.6 499 98.0 504 99.0 508 99.8 509 100.0 515 101.2 521 102.4 531 104.3 537 105.5 Thunder Hill ES 2864 2864 2864 2837 2846 Region Totals 2701 2814 98.3 2831 99.4 2874 2930 2957 2990 3066 107.1 Columbia - West Bryant Woods ES 361 361 416 115.2 404 406 112.5 404 111.9 410 414 114.7 418 418 115.8 421 C 427 118.3 361 361 113.6 115.8 521 521 521 521 568 595 114.2 605 C 651 671 128.8 C 685 133.6 693 133.0 Clemens Crossing ES 546 104.8 109.0 116.1 125.0 695 133.4 696 C Longfellow ES 512 512 512 75.2 392 76.6 390 76.2 388 75.8 396 77.3 401 78.3 406 79.3 80.5 418 81.6 424 82.8 Running Brook ES 515 515 515 515 701 136.1 771 149.7 833 161.7 882 171.3 927 180.0 981 190.5 1032 200.4 1071 208.0 1109 215.3 C 1134 220.2 694 694 694 694 644 92.8 658 94.8 663 95.5 665 95.8 97.0 98.3 688 99.1 700 100.9 102.0 718 103.5 Swansfield ES Region Totals 2603 2603 2603 2603 2692 103.4 2793 2887 2944 113.1 3057 3149 3229 124.0 3296 3352 3396 Northeastern 106.1 845 875 900 Bellows Spring ES 751 751 751 751 797 116.5 117.0 820 115.9 Deep Run ES 750 750 750 750 781 104.1 803 107.1 834 111.2 855 114.0 878 117.1 C 869 880 889 118.5 899 119.9 910 121.3 777 112.0 839 854 C 866 C 870 851 840 807 803 115.7 Ducketts Lane ES 694 694 694 694 120.9 123.1 124.8 125.4 122.6 121.0 814 117.3 116.3 Elkridge ES 760 760 760 760 770 101.3 739 97.2 719 94.6 738 97.1 780 102.6 807 106.2 852 114.7 115.5 C 887 116.7 1009 124.6 1085 134.0 138.4 C 153.1 162.3 168.0 Hanover Hills ES NS 810 810 810 810 1121 1152 142.2 1454 1486 157.8 527 C 709 Ilchester ES 584 584 584 584 90.2 546 93.5 101.4 106.5 663 119.2 708 121.2 126.0 124.3 121.4 609 711 609 609 609 628 103.1 635 104.3 691 113.5 715 117.4 116.7 719 119.4 737 740 Rockburn ES 106.7 118.1 727 С 121.0 121.5 Veterans ES 799 799 799 799 900 112.6 886 110.9 874 109.4 882 110.4 869 108.8 108.5 923 115.5 944 118.1 117.6 949 118.8 Waterloo ES 663 663 663 663 539 552 83.3 551 83.1 547 82.5 556 83.9 562 84.8 568 85.7 88.1 89.0 90.0 515 515 515 515 402 78.1 79.2 423 82 1 442 85.8 471 91.5 93.4 492 95.5 547 106.2 106.4 541 105.0 Worthington ES 408 481 6935 6935 6935 6935 7130 7338 7493 7695 111.0 7888 113.7 7927 114.3 8086 8237 118.8 8280 119.4 8317 119.9 Region Totals \_\_\_\_ Centennial Lane ES 647 647 114.1 741 114.5 721 111.4 713 718 726 741 114.5 732 732 732 732 827 113.0 842 C 834 851 920 Hollifield Station ES 841 114 9 814 111.2 115.0 113.9 830 113.4 116.3 869 118.7 C 892 121.9 C 125.7 132.6 681 681 681 766 800 833 C 856 C 890 130.7 903 898 875 844 C 809 Manor Woods ES 681 117.5 122.3 125.7 131.9 128.5 123.9 118.8 700 753 107.6 750 737 105.3 736 748 106.9 753 107.6 778 782 112.9 Northfield ES 700 700 700 107.1 105.1 779 111.7 790 St Johns Lane ES 120.8 C 762 C C C 139.9 C C С C 612 612 612 612 739 124.5 789 128.9 821 134.2 856 852 139.2 857 140.0 863 141.0 874 142.8 884 144.4 831 113.2 115.4 115.5 115.9 115.9 116.2 116.0 Waverly ES 788 788 788 788 105.5 844 107. 876 111.2 892 909 910 913 913 916 914 4160 4160 4160 4160 4668 112.2 4724 4770 114.7 4865 4955 4961 5015 5025 5039 121.1 5058 121.6 Region Totals Southeastern 424 105.4 98.6 98.1 415 423 99.8 Atholton ES 424 424 424 418 414 412 420 666 757 772 C 784 C 776 768 767 C 783 Bollman Bridge ES 666 666 666 761 114.3 115.9 117.7 116.5 768 115.3 781 117.3 117.6 133.5 132.5 Forest Ridge ES 713 713 713 713 776 108.8 813 114 0 852 119.5 894 125.4 918 128.8 952 953 133.7 945 928 130.2 918 128.8 Gorman Crossing ES 735 735 735 735 836 839 114.1 830 112.9 109.3 109.3 110.1 790 107.5 774 105.3 763 103.8 103.8 104.9 Guilford ES 465 465 465 465 410 88.2 414 89.0 415 89.2 451 97.0 484 104.1 488 482 103.7 483 103.9 495 106.5 495 106.5 653 653 653 653 661 101.2 705 108.0 792 121.3 830 127.1 874 133.8 923 141.3 971 148.7 1038 159.0 1107 169.5 1155 176.9 Hammond ES Laurel Woods ES 640 640 640 482 75.3 469 73.3 72.2 459 71.7 449 70.2 73.0 473 73.9 479 74.8 75.9 491 76.7 4296 4296 4296 4296 4369 4419 4539 105.7 4635 107.9 4718 4819 112.2 4851 112.9 4905 114.2 4980 5028 Region Totals Western Bushy Park ES 744 744 744 744 507 68.1 499 67.1 483 64.9 478 64.2 490 65.9 494 66.4 514 69.1 551 74.1 561 75.4 559 75.1 Clarksville ES 543 543 543 413 76.1 429 79.0 409 75.3 410 75.5 416 76.6 422 77.7 425 78.3 425 78.3 430 79.2 433 79.7 675 647 95.9 Dayton Oaks ES 675 675 675 606 89.8 582 86.2 588 87.1 588 87.1 590 87.4 569 84.3 565 83.7 563 83.4 597 88.4 123.2 826 826 1099 133.1 1111 134.5 1123 136.0 1119 135.5 1087 131.6 1053 127.5 1018 980 118.6 948 114.8 936 113.3 Fulton ES 826 826 527 527 527 527 424 80.5 79.1 79.9 80.6 87.3 91.5 96.0 98.5 515 97.7 510 96.8 Lisbon ES 744 744 744 744 878 118.0 C 919 123.5 C 940 126.3 C 953 128.1 C 959 128.9 952 128.0 932 125.3 904 874 117.5 849 114.1 Pointers Run ES 121.5 581 581 581 581 679 713 745 128.2 С 754 751 129.3 752 129.4 746 128.4 738 732 724 124.6 Triadelphia Ridge ES 116.9 122.7 129.8 C C C 127.0 C 126.0 C 414 414 414 414 423 102.2 453 109.4 484 499 505 497 120.0 497 120.0 496 119.8 494 119.3 486 117.4 West Friendship ES Region Totals 5054 5054 5054 5054 5029 99.5 5123 101.4 5193 5226 5258 5221 5203 5176 5151 5144 101.8 102. 102.4 29341

A: capacity includes additions as reflected in FY 2019 Capital Budget for Grades K-5 between 2018 and 2019.

NS: New school scheduled to open in August 2018

C: Constrained for future development



#### MIDDLE SCHOOLS - MAY 2018 APFO School Capacity Chart

Capacity Utilization Rates with Board of Education's Approved FY 2019 Capital Budget Projects
Chart reflects May 2017 Projections, Board of Education's Requested FY 2019 capacities, and effects of approved redistricting for the 2018-19 school year.

		Capa	acity		2	021-22		2022-2	3	2	023-24	_	2024-25		2	025-26		2	026-27		20	027-28		20	028-29		20	29-30		203	30-31
Columbia - East Lake Elkhorn MS	2021 643	2022 643	2023 643	<b>2024</b> 643	Proj 585	% Util. 91.0		roj % U 91 91.		Proj 557	% Util. 86.6	Proj 553	% Util. 86.0		Proj 532	% Util. 82.7		Proj 546	% Util. 84.9		Proj 553	% Util. 86.0		Proj 557	% Util. 86.6		Proj 559	% Util. 86.9			% Util. 87.9
Oakland Mills MS	506	506	506	506	497	98.2		95 97		513	101.4	506	100.0		501	99.0		495	97.8		496	98.0		496	98.0		497	98.2			99.8
Region MS Totals	1149	1149	1149	1149	1082	94.2		86 94		1070	93.1	1059			1033	89.9		1041	90.6		1049	91.3		1053	91.6		1056	91.9			93.1
Columbia - West							_		_																						
Harpers Choice MS	506	506	506	506	534	105.5		11 101		517	102.2	520	102.8		534	105.5		540	106.7		534	105.5		539	106.5		546	107.9			109.7
Wilde Lake MS	760	760	760	760	724	95.3		56 99.		785	103.3	845	111.2		903	118.8	С	947	124.6	С	967	127.2		994	130.8		1016	133.7			137.1 C
Region MS Totals	1266	1266	1266	1266	1258	99.4	12	67 100	.1	1302	102.8	1365	107.8		1437	113.5		1487	117.5		1501	118.6		1533	121.1	1	1562	123.4	18	97	126.1
Northeastern																															
Bonnie Branch MS	701	701	701	701	670	95.6	6	31 97	1	697	99.4	703	100.3		702	100.1		719	102.6		732	104.4		761	108.6		781	111.4	8	03	114.6
Elkridge Landing MS	779	779	779	779	760	97.6		73 99		787	101.0	774	99.4		761	97.7		788	101.2		817	104.9		841	108.0		824	105.8			107.6
Ellicott Mills MS A	701	701	701	857	906	129.2		57 122		858	122.4	C 827	96.5		810	94.5		801	93.5		814	95.0		854	99.6		856	99.9	8		104.0
Mayfield Woods MS	798	798	798	798	875	109.6		55 107		872	109.3	918	115.0	С	949	118.9	С	1022	128.1	С	1038	130.1	С	1074	134.6		1044	130.8			132.1 C
Thomas Viaduct MS	701	701	701	701	788	112.4		26 117		919	131.1	C 1043			1182	168.6	c	1260	179.7	c	1311	187.0		1358	193.7		1347	192.2	C 13		192.7 C
Region MS Totals	3680	3680	3680	3836	3999	108.7		92 108		4133	112.3	4265			4404	114.8		4590	119.7		4712	122.8		4888	127.4		4852	126.5			128.7
Northern																															
Burleigh Manor MS	779	779	779	779	857	110.0		54 110		885	113.6	923	118.5	С	963	123.6	С	969	124.4	С	973	124.9	С	968	124.3	_	971	124.6			126.6 C
Dunloggin MS A	565	565	565	662	694	122.8	<b>C</b> 7				129.2	C 720	108.8	_	704	106.3	_	698	105.4	_	712	107.6		717	108.3		714	107.9			109.8
Patapsco MS	643	643	643	643	735	114.3		64 118		769	119.6	C 776	120.7	С	775	120.5	С	803	124.9	С	811	126.1		815	126.7		801	124.6			124.7 C
Region MS Totals	1987	1987	1987	2084	2286	115.0	23	39 117	.7	2384	120.0	2419	116.1		2442	117.2		2470	118.5		2496	119.8		2500	120.0	- 2	2486	119.3	2	15	120.7
Southeastern																															
Hammond MS	604	604	604	604	612	101.3	6	51 109	.4	693	114.7	706	116.9	С	705	116.7	С	722	119.5	С	732	121.2	С	743	123.0	C	773	128.0	<b>C</b> 8	41	139.2 C
Murray Hill MS	662	662	662	662	769	116.2	C 7		.9	737	111.3	781	118.0	C	778	117.5	C	774	116.9	C	751	113.4		746	112.7		747	112.8			111.2
Patuxent Valley MS	760	760	760	760	656	86.3	6	49 85	4	654	86.1	672	88.4		702	92.4		721	94.9		737	97.0		737	97.0		763	100.4	7	64	100.5
Region MS Totals	2026	2026	2026	2026	2037	100.5	20	64 101	.9	2084	102.9	2159	106.6		2185	107.8		2217	109.4		2220	109.6		2226	109.9	2	2283	112.7	23	341	115.5
Western	0.40	0.40	0.40	0.40	057	400.0	_			605	00.0	000	00.0		670	404.5		004	400.0		075	405.6		000	400.0		077	405.6	_		405.0
Clarksville MS	643	643	643	643	657	102.2		36 98		635	98.8	638	99.2		672	104.5		664	103.3		675	105.0		668	103.9		677	105.3	6		105.3
Folly Quarter MS	662	662	662	662	628	94.9		16 93		605	91.4	608	91.8		599	90.5		602	90.9		590	89.1		592	89.4		601	90.8			92.6
Glenwood MS	545	545	545	545	534	98.0		02 92		492	90.3	477	87.5		484	88.88		506	92.8		517	94.9		539	98.9		524	96.1			97.1
Lime Kiln MS	701	701	701	701	635	90.6		70 95.		677	96.6	687	98.0	_	694	99.0	_	728	103.9	_	747	106.6	_	738	105.3		723	103.1			102.1
Mount View MS	798	798	798	798	887	111.2		07 113		930	116.5	C 971	121.7	С	973	121.9	С	1009	126.4	С	1003	125.7		1020	127.8		1019	127.7		140	130.3 C
Region MS Totals	3349 13457	3349 13457	3349 13457	3349	3341	99.8 <b>104.1</b>	33			3339	99.7	3381 14648	101.0		3422 14923	102.2		3509	104.8		3532	105.5		3557 <b>15757</b>	106.2		3544	105.8			106.7
Countywide Totals					14003					14312	106.4	14648	106.8		14923	108.8		15314	111.7		15510	113.1		15/5/	114.9	1	5783	115.1	16	UJO	117.0
A: capacity includes add	illions a	s reflecte	ed in FY	2019 C	арітаі В	uaget for	Grades	6-8 petw	een 2	019 and 2	2026.																				

C: Constrained for future development

	•	====	====	====	120%	====	====	====	===:	====		====	====	====	====:	====		====1	15%=	====	====		====	====					====	
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	= # closed
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	including total
Centennial Lane	0	0	0	0	0	0	0	0	0	0	0	С	0	0	С	0	0	0	0	0	0	0	0	0	С	С	С	С	0	in closed region
Hollifield Station							0	С	0	0	0	С	С	С	С	0	0	0	0	0	0	0	0	0	0	0	С	С	0	_
Manor Woods				0	0	0	0	0	0	0	С	0	С	С	С	С	С	0	0	0	0	0	С	0	0	0	0	0	0	
Northfield	0	0	С	С	0	0	0	0	0	0	С	0	С	С	С	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
St. John's Lane	С	0	С	0	0	0	0	0	0	0	0	С	0	0	С	0	0	0	0	0	0	0	0	0	0	С	С	С	С	
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	
Northern Region	0	0	0	0	0	0	0	0	0	0	0	0	0	0	С	0	0	0	0	0	0	0	0	0	0	0	С	С	0	
Bushy Park	0	0	0	0	0	0	0	0	С	С	С	0	С	С	С	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dayton Oaks																	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
Fulton							0	0	0	0	0	0	0	С	0	0	0	0	0	0	0	0	0	0	0	С	0	С	С	
Lisbon	0	0	0	0	0	0	0	0	С	С	С	С	С	С	С	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pointers Run	0	0	0	0	0	0	0	С	С	С	С	С	С	С	0	0	0	0	0	0	0	0	0	0	0	0	0	0	С	
Triadelphia Ridge							Ō	Ō	0	Ō	Ċ	Ċ	Ċ	Ċ	Ō	Ō	Ō	Ö	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	C	
West Friendship	0	0	0	0	0	0	Ō	Ō	ō	Ō	0	Ċ	C	Ċ	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	0	
Western Region	Ō	0	0	0	0	0	0	0	ō	0	0	0	C	C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	
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	Ö	
Jeffers Hill	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	ō	Ō	Ō	Ō	C	C	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō	0	Ō	Ō	Ō	
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Stevens Forest	Ō	Ō	Ō	Ō	Ö	Ō	Ō	Ö	ō	Ö	Ō	Ö	0	Ō	Ō	Ō	Ō	Ö	Ō	O	Ö	Ō	Ō	Ö	Ō	Ō	Ō	Ō	ō	
Talbott Springs	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	ő	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Č	Č	Ö	Ö	Ö	Ö	Č	C	
Thunder Hill	ō	Õ	Ô	Õ	Ö	Ö	Ö	Ö	ő	Ô	Ô	Ô	Ô	Õ	Õ	Ô	Õ	Õ	Ö	C	Ö	0	0	Õ	Õ	Ö	C	o	o	
Columbia East Region	ō	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	
Bryant Woods	0	0	0	0	0	0	0	0	ō	0	0	0	ō	0	0	C	0	0	0	0	0	0	0	ō	0	0	0	0	C	
Clemens Crossing	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	ő	Ö	Ö	Ö	Ö	Ö	Ö	0	Ö	Ö	Ö	Č	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	o	
Longfellow	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	ō	Ö	Ö	Ö	Ö	Č	Ö	Ö	Ö	Ö	Ö	0	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	ŏ	
Running Brook	ō	Ö	Ö	Ö	Ö	Ö	Ö	Ö	ő	Ö	Ô	Ô	Ö	Ō	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Õ	Õ	Ö	Ö	Ö	Č	
Swansfield	ő	Ô	Ô	C	C	Ö	Ö	Ö	ő	Ô	Ô	Ô	Ö	Ö	Ô	Ö	Ö	Ö	Ö	Ö	Ö	Ô	C	Ô	Ô	Ö	Ö	Ô	ō	
Columbia West Region	ŏ	ō	ō	C	0	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ō	ŏ	ŏ	ŏ	ō	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ō	ŏ	ŏ	ŏ	ō	ŏ	ŏ	
Bellows Spring									Ť						0	C	0	0	0	C	C	0	0	0	0	0	0	0	Ö	
Deep Run	0	0	0	С	0	0	0	С	0	С	С	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	
Ducketts Lane	-	-	-		-	-	-	_	1	_	_	-	-	-	-	-	-	-	-	-	-	-	-	Ö	Č	Ö	Ö	Ö	ŏ	
Elkridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	С	0	0	0	0	С	0	0	Ö	Ō	Ö	Ö	Ö	ŏ	
Hanover Hills	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-		-	-	-	-			-			-	-	-	C	
llchester	İ				0	0	С	С	0	С	С	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	
Rockburn	l		0	0	Ô	Ö	Ö	Č	ő	c	Č	Ö	Ô	Ô	C	Ö	Ô	Ô	Ô	Ô	Ô	Ö	Ô	Ô	Ô	Ö	Ö	Ö	ő	
Veterans	İ		•	9		J	•	•	ľ	•	•	0	•	•	•	0	_	Ö	Ö	Ö	Ö	Ö	C	Ö	C	C	Ö	Ö	ő	
Waterloo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ö	Ö	Ö	C	Ö	Ö	Ö	Ö	Ö	Ö	Ö	ő	
Worthington	ő	Ö	0	Ö	Ö	Ö	Ö	Ö	ő	C	C	0	C	Ö	C	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	0	Ö	Ö	Ö	Ö	ő	
Northeast Region	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	C	ŏ	C	C	ŏ	ŏ	ŏ	ō	ŏ	ŏ	ŏ	ŏ	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	
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	
Bollman Bridge	C	Ö	Č	C	Ö	Ö	Ö	Ö	ŏ	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	Ö	C	C	Ö	Ö	Ö	ő	
Forest Ridge		0	C	Ö	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	C	C	0	Ö	C	0	0	C	0	
Gorman Crossing	İ	U	•	J	J	O	0	Ö	0	0	0	0	Ö	0	0	0	0	0	0	Ö	c	Ö	0	0	Ö	0	0	Ö	0	
Guilford	С	0	С	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	C	O	C	0	0	0	0	C	0	0	
Hammond	o	0	C	0	0	0	0	0	0	0	C	C	C	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0	0	
	0	C	C			C	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	C	0	0	0	0	0	0	
_aurel Woods				0	0				_			_	_	_	_	_		_			_	_			_			_		
Southeastern Region	0	0	С	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	



	===:	====	====	====	====	====	====	====	====	==11	5%===	====	====	====	====	====	====	====	====	<b>:</b>
MIDDLE SCHOOLS	0	3	1	1	1	2	0	0	0	0	2	1	2	4	4	4	3	6	3	= # clos
Year	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Northeastern Region																				
Bonnie Branch		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Elkridge Landing	0	<b>C</b> 0	0	0	0	0	0	0	0	0	C	0	0	0 <b>C</b> 0	0	0	0	0	0	
Ellicott Mills	0	0	0			Ο	0	0	0	0	C		Ο	C	<b>C</b>	<b>C</b> O	C	C	C	
Mayfield Woods	0	0	0	Ο	0	Ο	0	Ο	Ο	Ο	Ο	0	Ο	0	Ο		Ο	0	Ο	
Thomas Viaduct															0	0	С	С	0	1
Southeastern Region																				
Hammond	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Murray Hill	0	Ο	0	0	Ο	0	Ο	0	0	Ο	0	Ο	0	Ο	0	0	Ο	C	C	
Patuxent Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Columbia East Region																				
Oakland Mills	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	1
Columbia West Region																				
Harper's Choice	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	C	0	C	0	
Wilde Lake	0	0	0	0	0	0	0	0	0	0	0	0	С	0	0	0	0	0	0	1
Northern Region																				
Burleigh Manor	0	0	0	0	Ο	0	0	0	0	0	0	0	0	0	0	0	0	C	0	
Dunloggin	0	C	0	0	0	Ο	0	0	Ο	Ο	Ο	C	C	C	C	C	C	C	C	
Patapsco	0	С	С	С	С	С	0	0	0	0	0	0	0	0	С	С	0	0	0	1
Western Region																				1
Clarksville	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	Ο	0	0	0	Ο	Ο	0	Ο	0	Ο	1
Glenwood	0	0	0	0	Ο	C	0	0	Ο	Ο	0	0	0	Ο	Ο	0	0	0	0	1
Lime Kiln	0	0	0	0	Ο	Ο	0	0	Ο	Ο	Ο	0	0	Ο	Ο	0	0	0	0	
Mount View	0	0	0	0	0	0	0	0	0	0	0	0	0	С	0	0	0	0	0	1



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

Allocation		Open/Clsd	
Year	Allocations	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



## Takeaways

- 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 (26 new schools since 1992) & additions avg. 1 new school per year



### **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 addresses impacts from new development only can't control existing house turnover & programmatic changes



### New Students added to the Howard County Public School System From New Construction & Resales (September enrollments)

Year	New Con	struction	Res	ales	То	tal
	Number	Percent	Number	Percent	Number	Percent
2006	601	47%	682	53%	1,283	100%
2007	370	34%	725	66%	1,095	100%
2008	430	47%	482	53%	912	100%
2009	332	42%	452	58%	784	100%
2010	384	42%	530	58%	914	100%
2011	464	38%	763	62%	1,227	100%
2012	396	37%	685	63%	1,081	100%
2013	518	42%	715	58%	1,233	100%
2014	677	50%	670	50%	1,347	100%
2015	590	42%	806	58%	1,396	100%
Subtotal Past	4,762	42%	6,510	58%	11,272	100%
2016	640	46%	749	54%	1,389	100%
2017	770	50%	760	50%	1,530	100%
2018	785	50%	772	50%	1,558	100%
2019	679	46%	785	54%	1,464	100%
2020	696	47%	796	53%	1,492	100%
2021	629	44%	808	56%	1,437	100%
2022	552	40%	819	60%	1,371	100%
2023	524	39%	829	61%	1,353	100%
2024	417	33%	838	67%	1,254	100%
2025	370	30%	845	70%	1,216	100%
2026	354	29%	851	71%	1,205	100%
Subtotal Projected	6,416	42%	8,853	58%	15,268	100%
Grand Total	11,178	42%	15,363	58%	26,540	100%

Source: HCPSS, Office of Planning, September 2016



### **Issues and Considerations**

- APFO can work well as a tool to plan for new schools & additions, however doesn't address renovation & replacement of older schools
- As jurisdictions age this becomes more of a need over time
- And governments generally don't depreciate assets as part of their budget/planning process!



#### Howard County Public School System Capital Funding (X \$1,000) - PERCENTAGES (1)

	R	eplacement		Renovation/		
Fiscal Year (2)	New	+ Seats	Addition	Addition	Renovation	Total
2007	47%	0%	13%	15%	25%	100%
2008	13%	0%	15%	22%	49%	100%
2009	3%	0%	20%	18%	59%	100%
2010	0%	0%	5%	27%	68%	100%
2011	2%	0%	9%	17%	72%	100%
2012	4%	0%	2%	2%	91%	100%
2013	26%	0%	4%	0%	69%	100%
2014	38%	1%	6%	1%	53%	100%
2015	12%	3%	12%	13%	59%	100%
2016	5%	32%	4%	15%	44%	100%
Total	18%	4%	9%	12%	57%	100%
2017	21%	20%	0%	29%	30%	100%
2018	29%	2%	0%	28%	41%	100%
2019	21%	0%	0%	2%	77%	100%
2020	53%	0%	0%	5%	42%	100%
2021	53%	0%	0%	29%	19%	100%
2022	67%	0%	0%	8%	25%	100%
2023	40%	0%	1%	0%	60%	100%
2024	7%	0%	7%	0%	87%	100%
2025	26%	0%	0%	0%	74%	100%
2026	26%	0%	0%	0%	74%	100%
2027	28%	0%	0%	0%	72%	100%
Total	34%	2%	1%	9%	55%	100%
<b>Grand Total</b>	27%	3%	4%	10%	56%	100%

<sup>(1)</sup> Capital dollars include individual project lines (renovations, additions, new schools, replacement schools renovations/additions), roofs, systemic renovations, Full Day K. Does not include projects grouped by type (barrier free, playgrounds, relocatables, site technology, parking lots, planning/design etc.), specific needs (MBR, etc.) special schools (Cedar Lane, etc.)

Source: Howard County Public School System, Septembber, 2016

<sup>(2)</sup> FY 2007 through FY 2016 are actual expenditures, FY 2007 is funded amount and FY 2018 through FY2027 are funds requested in the Proposed FY2018 Capital Budget.



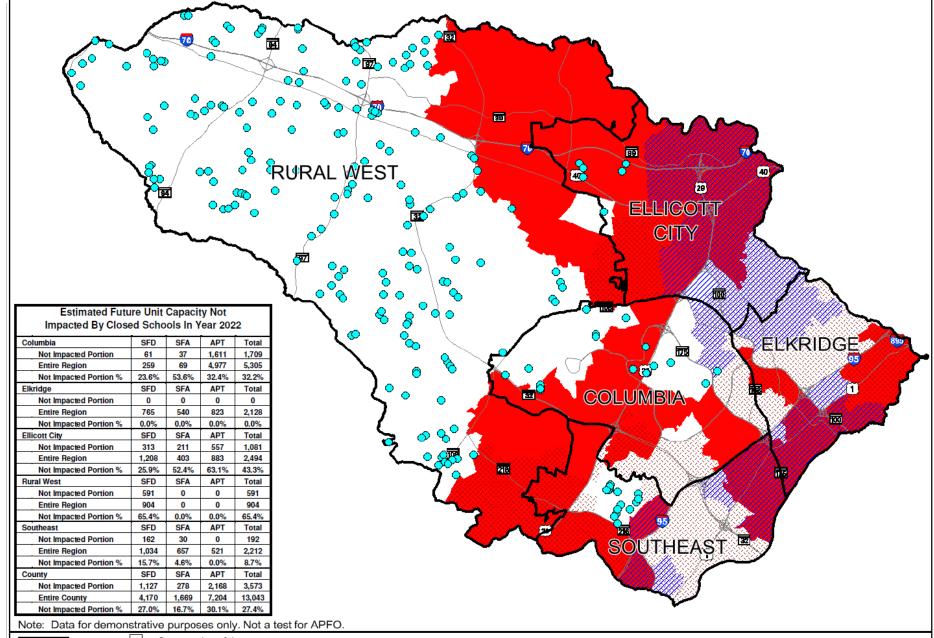
## Recent Changes to APFO

- County Executive Kittleman convened task force in 2015
- Task force recommendations and DPZ technical staff report in 2016
- Bill forwarded to Planning Board and County Council in 2017
- Final bill adopted early 2018 effective date April 16, 2018.



## Recent Changes to APFO

- Major change is lowering capacity utilization rate to <u>105% for ES</u>, <u>110% for MS</u>, and <u>added HS test at 115%</u> -- effective in July 2019
- Other significant changes include:
  - exempting moderate income housing units from needing allocations
  - a stricter roads test
  - adjusting allocations in the Growth & Revit. and Est. Comm. areas and eliminating shared pool
  - allowing the County Council by resolution to exempt LIHTC projects from Schools Test





Open portion of the county Closed elementary district Closed middle district Closed high district Future Unit Capacity Location

Closed Elementary & Middle & High School Districts (2022) Elementary Districts Closed at 105% capacity (with region test), Middle at 110% capacity & High at 115% capacity Department of Planning and Zoning Division of Research Scale: 1 in = 14,000 ft September 17, 2018



## Recent Changes to APFO

- Last year's Spending Affordability Advisory Committee recommended a fiscal impact study be conducted to understand fiscal implications of reduced growth and change from PlanHoward 2030
- Urban Analytics currently conducting study
- Anticipate draft results in February and final report in March/April

# Questions

