



Facility Master Plan

Background Data Packet



DEMOGRAPHICS

A group of diverse young adults, including men and women of various ethnicities, are walking outdoors. They are dressed in casual attire like hoodies and sweaters. Several individuals are holding and looking at their smartphones. A large, semi-transparent blue circle is positioned on the left side of the image, partially covering the group. The word 'DEMOGRAPHICS' is written in white, bold, sans-serif capital letters across the center of this blue circle. The background is slightly blurred, showing greenery and a building.

Demographics

Survival Ratios/Births

Year	Births	Population	Birth Rate	Enrollment	K12 % to Population
2014	2,935	201,448	1.4570%	30,550	15.17%
2015	2,884	201,639	1.4303%	30,201	14.98%
2016	2,905	202,179	1.4368%	29,853	14.77%
2017	2,872	201,965	1.4220%	29,544	14.63%
2018	2,828	202,027	1.3998%	29,662	14.68%
2019	2,837	202,639	1.4000%	29,398	14.51%
2020	2,691	202,079	1.3317%	28,295	14.00%
2021	2,634	205,673	1.2807%	28,191	13.71%
2022	2,592	206,640	1.2544%	28,276	13.68%
2023*	2,540	208,425	1.2187%	28,032	13.45%

- Population within the county has increased by nearly 7,000 (3.4%) since 2014
- At the same time, births, birth rates, and RCSS enrollment have declined

Demographics

Survival Ratios/Births

Survival Ratios	Birth -K	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
2015-16	84.6%	95.7%	96.6%	95.3%	94.7%	93.8%	95.4%	98.5%	98.2%	116.3%	84.9%	91.1%	87.6%
2016-17	79.8%	96.1%	99.5%	95.2%	98.5%	97.5%	96.3%	95.9%	95.8%	120.2%	81.9%	91.7%	86.9%
2017-18	77.8%	97.4%	100.0%	99.4%	96.8%	97.4%	95.4%	99.1%	97.4%	121.3%	82.5%	90.4%	83.8%
2018-19	80.1%	101.6%	99.6%	100.7%	97.1%	100.7%	97.5%	101.7%	101.1%	121.1%	84.2%	89.1%	83.7%
2019-20	80.0%	99.1%	98.6%	99.9%	95.5%	98.5%	97.2%	98.4%	97.9%	121.1%	81.4%	89.6%	81.4%
2020-21	69.2%	96.2%	94.7%	96.3%	95.6%	95.7%	95.1%	96.7%	98.4%	108.7%	88.7%	92.3%	78.0%
2021-22	78.8%	103.2%	99.2%	100.0%	95.5%	98.5%	99.7%	98.5%	99.7%	110.1%	91.7%	89.9%	72.2%
2022-23	76.7%	101.8%	101.0%	100.3%	95.8%	99.5%	97.1%	98.8%	98.1%	117.1%	88.6%	89.7%	78.1%
2023-24	78.3%	100.5%	99.6%	96.7%	98.1%	99.8%	97.2%	98.2%	99.0%	113.6%	87.9%	91.2%	81.0%

Year	Richmond County Births
2022	2,592
2021	2,634
2020	2,691
2019	2,837
2018	2,828
2017	2,872
2016	2,905
2015	2,884
2014	2,935
2013	2,946
2012	3,049
2011	3,015
2010	3,007

- Survival Ratios show % of students that “survive” from year to year, as well as % of births that show up as KG students 5 years later
- Births within the county have declined from 3,007 in 2010 to 2,592 in 2022 (-13.8%)

Demographics

Historical Enrollment

Grade	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Pre-Kindergarten	1,273	1,275	1,306	1,306	1,285	1,268	798	1,279	1,313	1,352
Kindergarten	2,671	2,545	2,406	2,373	2,360	2,349	1,996	2,290	2,202	2,186
Grade 1	2,690	2,555	2,445	2,344	2,412	2,338	2,260	2,060	2,332	2,214
Grade 2	2,754	2,598	2,541	2,445	2,334	2,378	2,214	2,242	2,080	2,322
Grade 3	2,532	2,624	2,473	2,526	2,463	2,332	2,291	2,215	2,249	2,011
Grade 4	2,338	2,399	2,584	2,395	2,453	2,351	2,229	2,188	2,123	2,206
Grade 5	2,332	2,192	2,339	2,518	2,412	2,415	2,249	2,196	2,177	2,118
Grade 6	2,291	2,224	2,110	2,231	2,456	2,345	2,296	2,243	2,132	2,116
Grade 7	2,359	2,257	2,132	2,091	2,269	2,417	2,268	2,261	2,215	2,094
Grade 8	2,247	2,317	2,163	2,077	2,113	2,221	2,378	2,262	2,219	2,192
Grade 9	2,588	2,613	2,786	2,623	2,516	2,558	2,414	2,617	2,649	2,521
Grade 10	2,170	2,197	2,140	2,299	2,208	2,047	2,268	2,214	2,319	2,329
Grade 11	1,944	1,977	2,015	1,934	2,048	1,979	1,889	2,039	1,986	2,114
Grade 12	1,634	1,703	1,719	1,688	1,618	1,668	1,543	1,364	1,593	1,609

- Enrollment has declined by 2,439 students from 2014-15 (-7.7%)
- 2023-24 is lowest non-covid Kindergarten in last 10 years

Grade	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Pre-K	1,273	1,275	1,306	1,306	1,285	1,268	798	1,279	1,313	1,352
K-5	15,317	14,913	14,788	14,601	14,434	14,163	13,239	13,191	13,163	13,057
6-8	6,897	6,798	6,405	6,399	6,838	6,983	6,942	6,766	6,566	6,402
9-12	8,336	8,490	8,660	8,544	8,390	8,252	8,114	8,234	8,547	8,573
PK-12	31,823	31,476	31,159	30,850	30,947	30,666	29,093	29,470	29,589	29,384

Demographics

Projected Enrollment

Grade	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Pre-Kindergarten	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352
Kindergarten	2,181	2,069	2,025	1,993	1,953	1,914	1,875	1,838	1,801	1,765
Grade 1	2,202	2,197	2,084	2,040	2,008	1,968	1,928	1,889	1,852	1,814
Grade 2	2,195	2,183	2,178	2,066	2,023	1,991	1,951	1,912	1,873	1,836
Grade 3	2,287	2,162	2,150	2,145	2,035	1,993	1,961	1,922	1,883	1,845
Grade 4	1,940	2,206	2,086	2,074	2,069	1,963	1,923	1,892	1,854	1,816
Grade 5	2,180	1,917	2,180	2,061	2,049	2,044	1,940	1,900	1,869	1,832
Grade 6	2,063	2,123	1,867	2,123	2,007	1,996	1,991	1,889	1,850	1,820
Grade 7	2,078	2,026	2,085	1,834	2,085	1,971	1,961	1,956	1,855	1,817
Grade 8	2,068	2,052	2,001	2,059	1,811	2,059	1,946	1,936	1,932	1,832
Grade 9	2,492	2,351	2,333	2,275	2,340	2,059	2,340	2,212	2,201	2,196
Grade 10	2,232	2,206	2,081	2,065	2,014	2,071	1,823	2,071	1,958	1,948
Grade 11	2,109	2,021	1,998	1,885	1,870	1,824	1,876	1,651	1,876	1,773
Grade 12	1,651	1,647	1,579	1,561	1,472	1,461	1,425	1,465	1,290	1,465
K-12	27,678	27,160	26,647	26,181	25,736	25,314	24,940	24,533	24,094	23,759

Grade	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Pre-K	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,352
K-5	12,985	12,734	12,703	12,379	12,137	11,873	11,578	11,353	11,132	10,908
6-8	6,209	6,201	5,953	6,016	5,903	6,026	5,898	5,781	5,637	5,469
9-12	8,484	8,225	7,991	7,786	7,696	7,415	7,464	7,399	7,325	7,382
EE-12	29,030	28,512	27,999	27,533	27,088	26,666	26,292	25,885	25,446	25,111

- Assumes that births continue to decline by 2% per year
- Projected births begin impacting KG class in 28-29 school year

Demographics

Live/Attend Analysis

The tables on the following pages show the Live/Attend Analysis for each attendance boundary. Students were matched to an address using GIS software and can then be counted by the boundary in which they reside, which allows us to cross reference the number of students living within an attendance boundary and the schools they attend.

- The horizontal rows show the boundary in which students reside
- The vertical rows show the school in which students attend
- This allows us to calculate the rate at which students transfer in/out of schools and boundaries.

Demographics

Live/Attend Analysis – Middle School

Richmond County School System 2023-24 6-8 Live/Attend			Attend																					
			Belair K-8 School	Freedom Park K-8 School	Glenn Hills MS	Hephzibah MS	Hornsby MS	Langford MS	Murphey MS	Pine Hill MS	Richmond Hill K-8 School	Spirit Creek MS	Tutt MS	A.R. Johnson Magnet School	Davidson Fine Arts Magnet School	Richmond County Technical Career Magnet	Alternative Education Center at Morgan	eSchool	Lighthouse Care Center of Augusta	Sand Hills	Live-In	Transfer Out	% Transfer Out	Transfer Other Boundary School
Live-In	Belair K-8	328	7	-	-	-	2	-	1	1	-	1	22	28	10	-	1	-	-	401	73	18%	12	3%
	Freedom Park ES	-	115	-	-	-	1	-	1	1	3	-	3	2	-	-	1	-	-	127	12	9%	6	5%
	Glenn Hills MS	12	10	658	32	2	41	7	23	24	48	8	41	27	41	10	12	-	2	998	340	34%	207	21%
	Hephzibah MS	5	7	4	411	-	1	4	4	4	9	2	23	20	15	1	8	-	-	518	107	21%	40	8%
	Hornsby MS	2	-	9	4	370	41	15	2	9	2	24	20	15	5	1	7	-	1	527	157	30%	108	20%
	Langford MS	12	7	6	3	3	547	4	3	7	3	15	39	97	29	1	10	6	1	793	246	31%	63	8%
	Murphey MS	6	-	13	5	3	28	485	9	10	8	13	32	17	10	5	18	-	2	664	179	27%	95	14%
	Pine Hill MS	1	-	3	12	2	5	2	493	6	9	1	29	16	15	1	6	-	1	602	109	18%	41	7%
	Richmond Hill	-	-	11	5	2	8	10	11	494	9	5	15	12	17	2	11	-	1	613	119	19%	61	10%
	Spirit Creek MS	2	2	9	25	2	6	2	15	5	428	1	30	16	24	1	2	-	-	570	142	25%	69	12%
	Tutt MS	5	-	4	-	2	22	-	4	5	2	386	44	73	13	2	4	-	-	566	180	32%	44	8%
	Out of District/Unmatched	2	1	5	-	-	1	-	-	-	-	-	2	5	4	-	-	-	-	20	15	75%	-	-
	Attend	375	149	722	497	386	703	529	566	566	521	456	300	328	183	24	80	6	8	Total 6-8 Students: 6,399				
	Live & Attend	328	115	658	411	370	547	485	493	494	428	386	-	-	-	-	-	-	-					
	Transfer In	47	34	64	86	16	156	44	73	72	93	70	-	-	-	-	-	-	-					
	% Transfer In	13%	23%	9%	17%	4%	22%	8%	13%	13%	18%	15%	-	-	-	-	-	-	-					



Demographics

Live/Attend Analysis – High School

Richmond County School System 2023-24 9-12 Live/Attend		Attend																					
		ARC HS	Butler HS	Cross Creek HS	Glenn Hills HS	Hephzibah HS	Josey HS	Laney HS	Westside HS	A.R. Johnson Magnet School	Davidson Fine Arts Magnet School	Richmond County Career Technical Magnet	Alternative Education Center at Morgan	eSchool	Lighthouse Care Center of Augusta	Performance Learning Center	Reaching Potential Through Manufacturing (RPM)	Sand Hills	Live-In	Transfer Out	% Transfer Out	Transfer Other Boundary School	% Transfer Other Boundary School
Live-In	ARC HS	888	13	2	7	4	11	25	37	65	117	37	4	19	18	11	10	1	1,269	381	30%	99	8%
	Butler HS	21	672	39	9	20	13	14	15	26	12	26	5	33	-	12	10	1	928	256	28%	131	14%
	Cross Creek HS	20	8	916	7	47	10	20	6	55	43	38	11	31	1	10	12	-	1,235	319	26%	118	10%
	Glenn Hills HS	35	67	38	724	67	26	30	32	54	26	49	9	34	-	11	24	2	1,228	504	41%	295	24%
	Hephzibah HS	21	11	49	2	896	9	23	13	45	41	36	4	26	-	10	6	-	1,192	296	25%	128	11%
	Josey HS	42	36	4	17	10	505	41	13	26	13	12	7	21	-	5	7	3	762	257	34%	163	21%
	Laney HS	23	13	5	3	-	21	507	16	19	13	5	7	15	-	13	10	2	672	165	25%	81	12%
	Westside HS	71	11	8	4	6	3	9	836	65	129	42	6	30	-	8	3	2	1,233	397	32%	112	9%
	Out of District/Unmatched	3	6	9	7	3	1	2	4	3	6	3	-	-	-	2	-	-	49	40	-	-	-
	Attend	1,124	837	1,070	780	1,053	599	671	972	358	400	248	53	209	19	82	82	11	Total 9-12 Students: 8,568				
	Live & Attend	888	672	916	724	896	505	507	836	-	-	-	-	-	-	-	-	-					
	Transfer In	236	165	154	56	157	94	164	136	-	-	-	-	-	-	-	-	-					
	% Transfer In	21%	20%	14%	7%	15%	16%	24%	14%	-	-	-	-	-	-	-	-	-					

Capacity

Elementary Schools

School	Total Teaching Spaces	Specials (Art, Music, Other)	Resource /Other	PK	K-5	Standardized Capacity (GA DoE Max)	Enrollment	Standardized Utilization
Barton Chapel Elementary	38	4	5	2	27	598	406	68%
Bayvale Elementary	29	2	4	2	21	475	380	80%
Blythe Elementary	22	2	3	2	15	352	328	93%
Copeland Elementary	29	2	4	2	21	475	397	84%
C T Walker Magnet	48	5	6	0	37	759	672	89%
Deer Chase Elementary	41	4	5	2	30	659	616	93%
Diamond Lakes Elementary	41	4	5	2	30	659	544	83%
Garrett Elementary	28	2	4	2	20	454	374	82%
Glenn Hills Elementary	35	3	4	2	26	577	432	75%
Goshen Elementary	32	3	4	2	23	516	450	87%
Gracewood Elementary	32	3	4	2	23	516	441	86%
Hains Elementary	31	3	4	2	22	495	426	86%
Hephzibah Elementary	37	3	5	2	27	598	562	94%
Hornsby K-3 Elementary	32	3	4	3	22	517	516	100%
Jamestown Elementary	34	3	4	2	25	557	387	70%
Jenkins White Elementary	34	3	4	2	25	557	434	78%
Lake Forest Elementary	44	4	5	2	33	721	544	76%
Lamar Milledge Elementary	31	3	4	2	22	495	335	68%
McBean Elementary	35	3	4	2	26	577	376	65%
Meadowbrook Elementary	36	3	5	2	26	577	467	81%
Merry Elementary	30	2	4	2	22	495	401	81%
Monte Sano Elementary	26	2	3	2	19	434	383	88%
Sue Reynolds Elementary	51	5	6	3	37	825	642	78%
Tobacco Road Elementary	32	3	4	2	23	516	431	84%
Warren Road Elementary	42	4	5	2	31	680	592	87%
Wheless Road Elementary	47	5	6	2	34	741	751	101%
Wilkinson Gardens Elementary	38	4	5	2	27	598	445	74%
Total	955	87	120	54	694	15,415	12,732	83%

Standardized model of calculating capacity for elementary schools

- Sliding scale of Specials (Gym, Art, Music, Computer Labs, Media Centers), Resource, and other non-capacity spaces based on Georgia DoE standards
- Standard of 2 Pre-K per building
 - 22 students per classroom
- All remaining get a capacity of 20.5 students per classroom
 - Average of K-5 class size and accounts for EIP classrooms

Capacity

Middle Schools and K-8

School	Total Teaching Spaces	Specials (Art, Music, Other)	Resource /Other	PK	K-8	Standardized Capacity (GA DoE Max)	Enrollment	Standardized Utilization
Belair K8	61	6	7	2	46	1,100	1,061	96%
Freedom Park K8	47	6	6	2	33	803	559	70%
Richmond Hill K8	66	6	8	2	50	1,257	1,159	92%
Total	174	18	21	6	129	3,160	2,779	88%

School	General Classroom	Art	Music	CTE	Science	PE	SPED	Capacity w/ 66% Scheduling Factor	Enrollment	Utilization
Glenn Hills Middle	36	1	2	1	12	1	2	1,007	744	74%
Hephzibah Middle	43	1	2	3	0	1	0	937	510	54%
Hornsby Middle	26	1	1	3	4	1	1	683	391	57%
Langford Middle	42	2	2	1	7	1	1	1,038	719	69%
Murphey Middle	27	0	0	3	5	1	1	683	552	81%
Pine Hill Middle	39	1	2	2	4	1	1	925	567	61%
Spirit Creek Middle	34	1	2	2	7	1	2	894	530	59%
Tutt Middle	29	1	2	2	2	1	1	704	465	66%
Total	276	8	13	17	41	8	9	6,870	4,478	65%

- K-8 calculated same as elementary schools
- All teaching spaces given capacity at middle schools
- PE counted as 2 teaching spaces
- 66% scheduling factor applied to account for teacher planning and other empty periods
- Middle buildings have a total capacity of 6,870 resulting in 65% overall utilization

Capacity

High Schools and 6-12 Magnets

School	General Classroom	Art	Music	CTE	Science	PE	SPED	Capacity w/ 75% Scheduling Factor	Enrollment	Utilization
Academy of Richmond County High*	53	2	2	10	17	1	1	1,832	1,175	64%
Butler High	37	1	2	5	10	1	3	1,233	900	73%
Cross Creek High	52	1	2	8	9	1	4	1,597	1,124	70%
Glenn Hills High	52	2	2	8	4	1	1	1,493	852	57%
Hephzibah High	45	2	3	11	9	1	1	1,528	1,107	72%
Laney High	35	1	3	6	8	1	2	1,181	736	62%
T W Josey High	30	1	2	2	7	1	0	943	636	67%
Westside High	41	1	2	8	6	1	0	1,271	1,020	80%
Total	345	11	18	58	70	8	12	11,078	7,550	68%

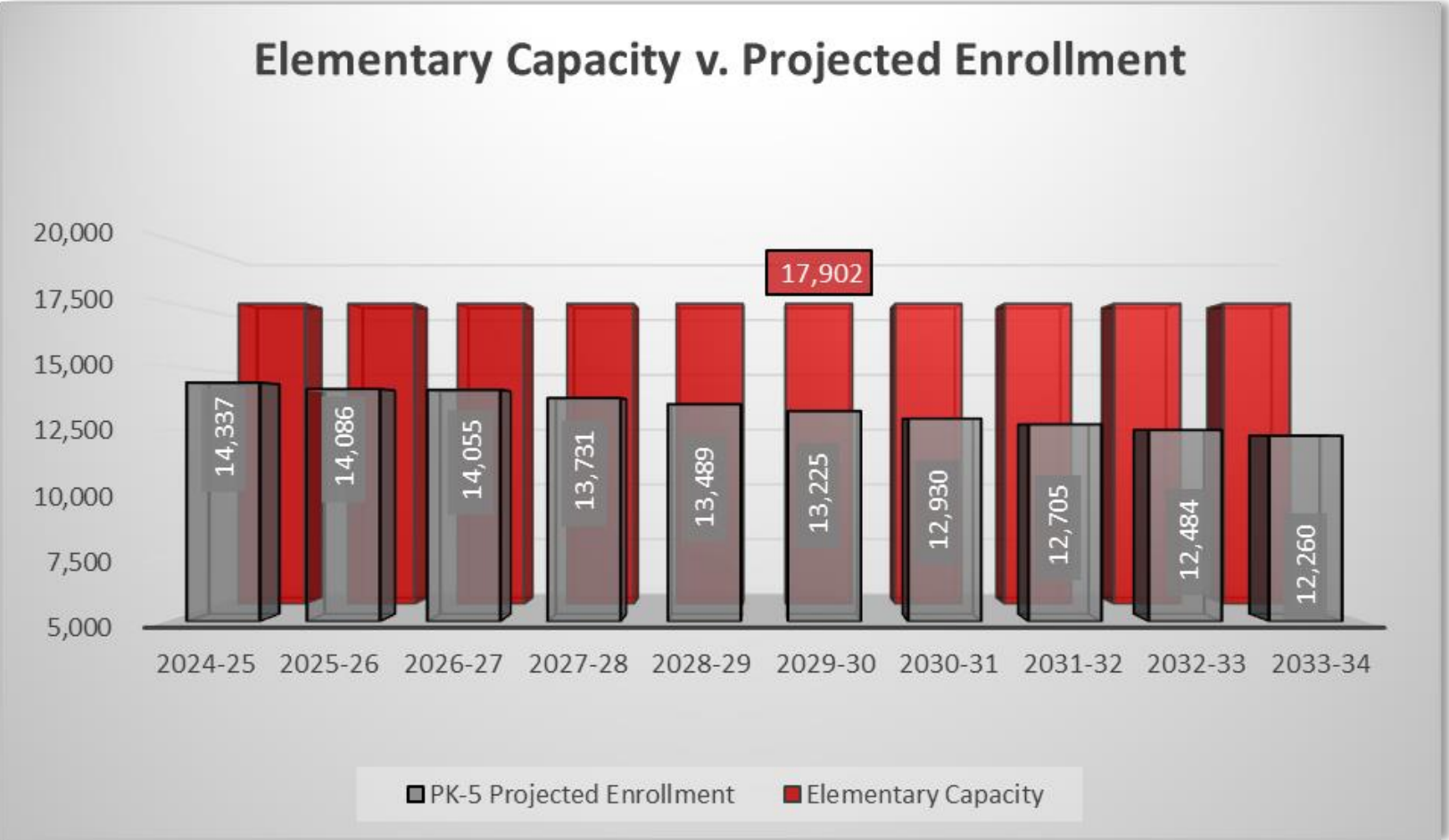
*Anticipated capacity after renovation

School	General Classroom	Art	Music	CTE	Science	PE	Dance	SPED	Program Capacity	Enrollment	Utilization
A R Johnson Magnet 6-12	31	1	1	11	9	1	0	0	1,155	656	57%
Davidson Magnet	25	1	5	5	7	1	4	0	725	727	100%

- All teaching spaces given capacity at high schools
- PE counted as 2 teaching spaces
- 75% scheduling factor applied to account for teacher planning and other empty periods
- 6-12 Magnet schools calculated similar to high schools

Capacity vs Projected Enrollment

Elementary

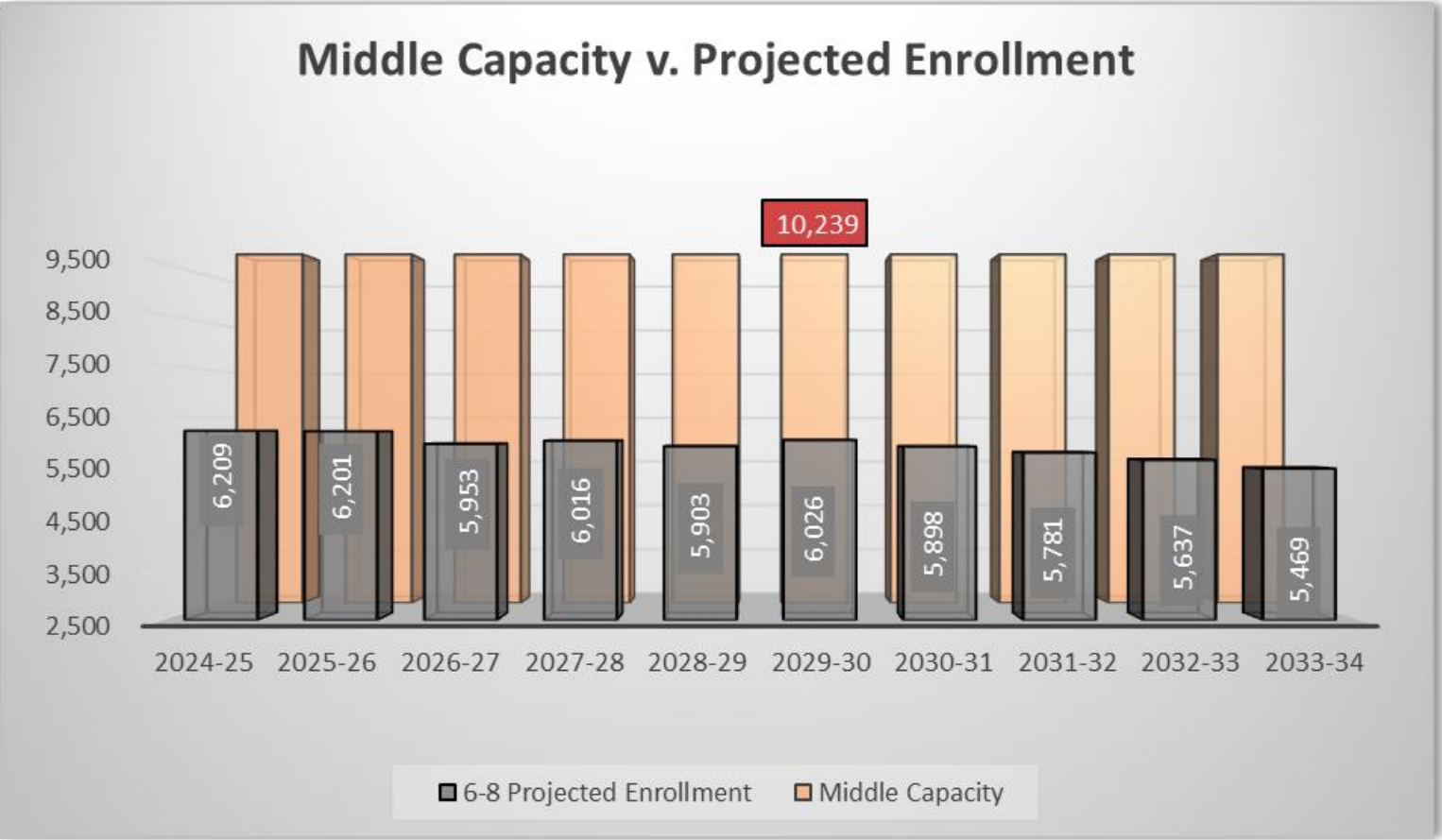


Elementary Capacity Total Includes:

- New South ES
- Belair conversion to PK-5 only
- Freedom Park PK-5 capacity

Capacity vs Projected Enrollment

Middle

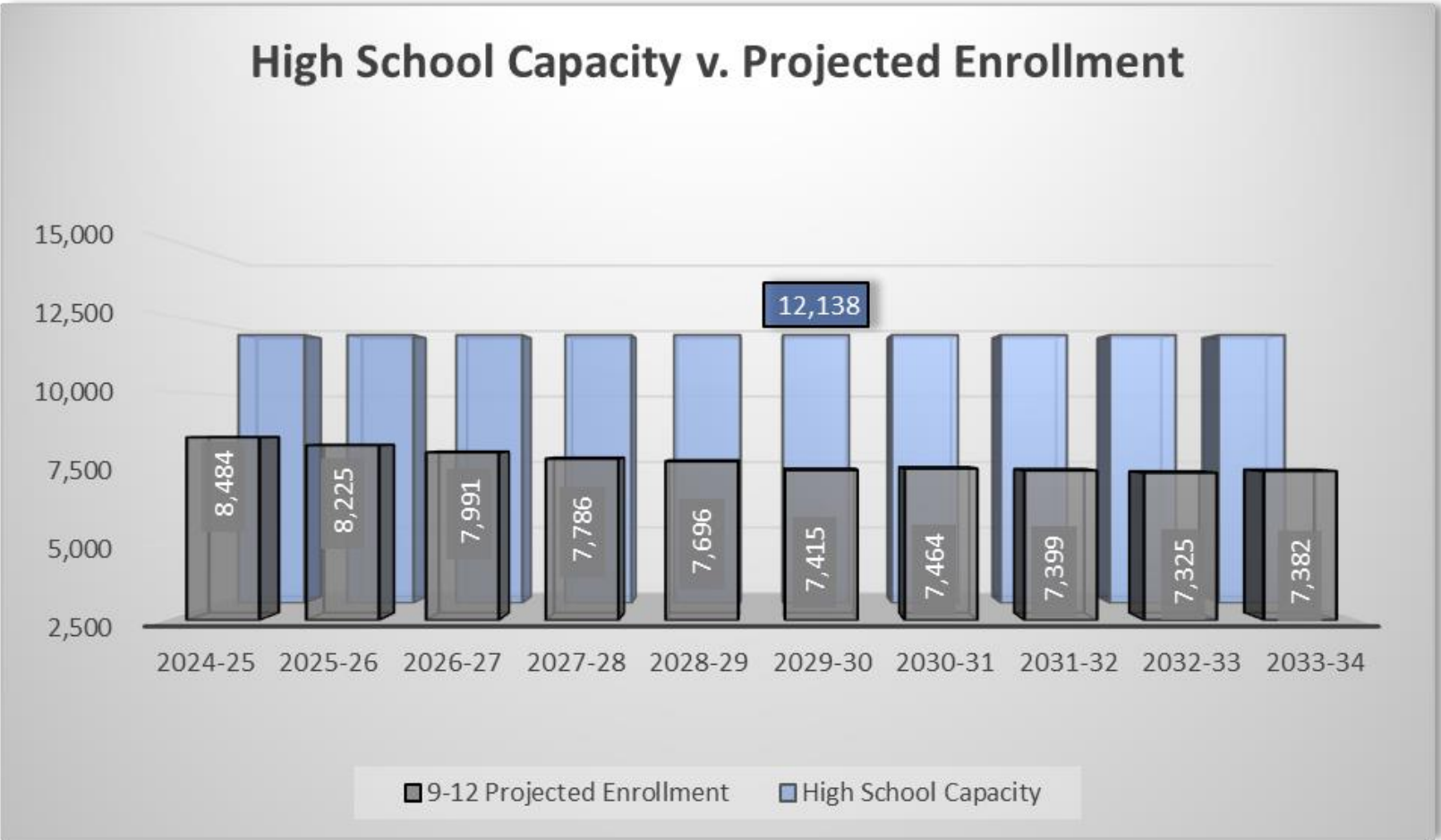


Middle School Capacity Total Includes:

- New West MS
- Richmond Hill conversion to 6-8 only
- Freedom Park 6-8 capacity
- A R Johnson & Davidson 6-8 capacity

Capacity vs Projected Enrollment

High



High School Capacity Total Includes:

- A R Johnson & Davidson 9-12 capacity

Projected Classroom Surplus

Grade Level	5-Year Projected Enrollment	Minimum Funding Enrollment	Full Funding Enrollment	Minimum Target Enrollment
High School	7,700	970	1,680	1,200-1,300
Middle School	6,000	640	750	750
Elementary School	12,200	450	536	450

Grade Level	Current Classroom	Students per Classroom	Projected Classroom Need	Projected Classroom Need + 10%	Projected Surplus Classrooms
High School	522	25	308	340	+ 182
Middle School	506	25	240	265	+ 241
Elementary School	807	20.5	595	655	+ 150



The background of the slide features a blue-tinted image of a financial spreadsheet with various numerical data points and a bar chart. A large, semi-transparent blue circle is positioned on the left side, partially obscuring the spreadsheet. A white calculator is visible on the right side of the image. The title 'FACILITY DATA SUMMARY' is written in large, white, sans-serif capital letters across the center of the blue circle.

FACILITY DATA SUMMARY

Facility Data Summary

Elementary & PK-8

School Name	Grades	Original Year Built	Site (acres)	Total Interior Square Feet	Capacity	Enrollment	Utilization	Adequacy Score	Adequacy MAX Score
Barton Chapel ES	PK-5	1968	28.36	63,375	598	406	68%	84.2%	85.3%
Bayvale ES	PK-5	1954	9.7	62,729	475	380	80%	77.1%	79.4%
Belair PK-8	PK-8	2018	25	126,005	1,100	1,061	96%	93.9%	94.6%
Blythe ES	PK-5	1977	11.82	48,915	352	328	93%	71.5%	74.7%
C.T Walker Magnet	K-5	1929	7.64	93,935	759	672	89%	84.2%	86.1%
Copeland ES	PK-5	1959	12.03	53,387	475	397	84%	78.3%	80.5%
Deer Chase ES	PK-5	2005	23	78,820	659	616	93%	93.6%	95.9%
Diamond Lakes ES	PK-5	2005	20.2	78,820	659	544	83%	93.8%	96.5%
Freedom Park K-8	PK-8	2002	20.96	111,174	803	559	70%	90.2%	92.2%
Garrett ES	PK-5	2006	8.1	73,197	454	374	82%	72.4%	75.6%
Glenn Hills ES	PK-5	1993	16	63,501	577	432	75%	80.4%	83.0%
Goshen ES	PK-5	1968	14.68	68,792	516	450	87%	86.1%	87.3%
Gracewood ES	PK-5	1930	8.04	64,509	516	441	86%	85.9%	88.5%
Hains ES	PK-5	2012	9.33	66,186	495	426	86%	89.2%	90.6%
Hephzibah ES	PK-5	2001	11.91	77,701	598	562	94%	86.8%	88.8%
Hornsby ES	PK-5	2006	7.8	72,874	517	516	100%	88.1%	90.3%
Jamestown ES	PK-5	1988	60.13	59,022	557	387	70%	79.9%	81.7%
Jenkins-White ES	PK-5	2001	6.97	77,803	557	434	78%	82.5%	85.5%
Lake Forest Hills ES	PK-5	1969	12	94,614	721	544	76%	85.7%	87.7%
Lamar-Milledge ES	PK-5	1956	4.45	70,422	495	335	68%	78.7%	81.5%
McBean ES	PK-5	1998	19.42	68,867	577	376	65%	78.9%	81.0%
Meadowbrook ES	PK-5	1978	23	63,394	577	467	81%	84.0%	85.7%
Merry ES	K-5	1964	8.6	60,415	495	401	81%	81.9%	84.5%
Monte Sano ES	PK-5	1930	3.79	58,881	434	383	88%	74.2%	76.7%
Reynolds ES	K-5	2001	41.42	89,778	825	642	78%	87.1%	89.2%
Richmond Hill PK-8	PK-8	2019	30	121,694	1,257	1,159	92%	88.7%	90.5%
Tobacco Road ES	PK-5	1993	16.01	66,669	516	431	84%	88.3%	90.8%
Warren Road ES	PK-5	1970	11.5	81,804	680	592	87%	81.5%	84.1%
Wheless Road ES	PK-5	2020	11.62	100,423	741	751	101%	89.6%	90.6%
Wilkinson Gardens ES	PK-5	1988	8.24	76,484	598	445	74%	83.1%	85.4%



Facility Data Summary

Middle

School Name	Grades	Original Year Built	Site (acres)	Total Interior Square Feet	Capacity	Enrollment	Utilization	Adequacy Score	Adequacy MAX Score
Glenn Hills MS	6-8	1996	48.91	138,219	1,007	744	74%	93.5%	95.5%
Hephzibah MS	6-8	1981	27.83	99,398	1,528	1,107	72%	83.2%	86.1%
Hornsby MS	6-8	1967	11.4	88,802	683	391	57%	79.2%	80.3%
Langford MS	6-8	1952	18.94	133,414	1,038	719	69%	82.1%	85.1%
Murphey MS	6-8	2017	12	116,622	683	552	81%	75.0%	76.3%
Pine Hill MS	6-8	1959	24.28	115,286	925	567	61%	92.5%	94.7%
Spirit Creek MS	6-8	1988	30	99,141	894	530	59%	85.9%	88.7%
Tutt MS	6-8	1916	10.54	90,954	704	465	66%	74.0%	76.1%

Facility Data Summary

High

School Name	Grades	Original Year Built	Site (acres)	Total Interior Square Feet	Capacity	Enrollment	Utilization	Adequacy Score	Adequacy MAX Score
ARC HS	9-12	1925	28.11	243,465	1,832	1,175	64%	Under Renovation	
Butler HS	9-12	1961	34.77	218,832	1,233	900	73%	87.8%	88.9%
Cross Creek HS	9-12	1999	97.31	212,762	1,597	1,124	70%	82.1%	83.4%
Glenn Hills HS	9-12	1967	35.08	188,741	1,493	852	57%	93.5%	95.5%
Hephzibah HS	9-12	1969	28.83	198,047	1,528	1,107	72%	83.2%	86.1%
Josey HS	9-12	1962	31.5	248,989	943	636	67%	60.6%	62.0%
Laney HS	9-12	1950	29.85	175,808	1,181	736	62%	81.0%	82.5%
Westside HS	9-12	1969	29.72	191,436	1,271	1020	80%	79.9%	82.0%
A.R Johnson Magnet	6-12	1956	5.01	157,419	1,155	656	57%	NA	NA
Davidson Magnet	6-12	1997	11.35	133,532	725	727	100%	NA	NA

EDUCATIONAL ADEQUACY ASSESSMENT

EDUCATIONAL ADEQUACY ASSESSMENTS

What Was Measured?

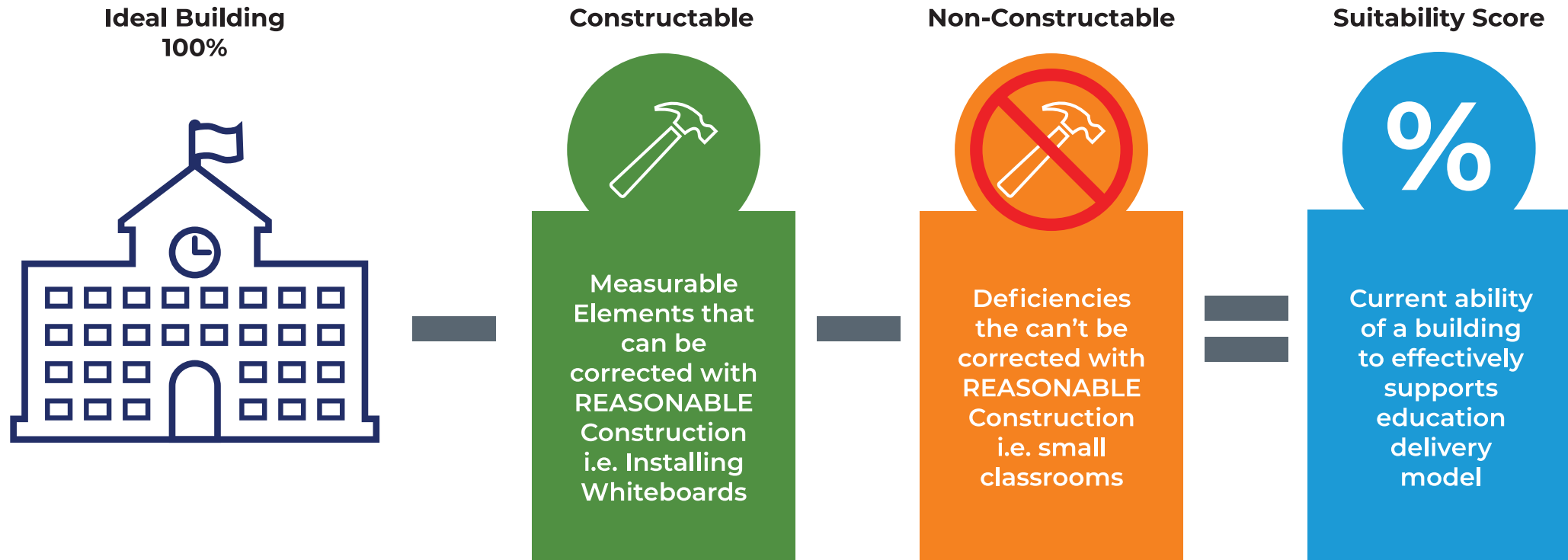
- » Each Space/Room types was assigned customized items to be assessed and measured.
- » Then they were assigned to one of the following an adequacy category:
 - » Space
 - » Furniture, Fixtures, and Equipment
 - » Safety Security
 - » Appropriate building systems
 - » Technology
 - » Electrical
 - » Physical Attribute
 - » Mechanical
 - » Site
- » This was then scored by Building, Category, and Program Area.

410 Space Survey			
Add Attachment/Picture		Export	
ID	Questi...	Question ▲	Answer
1st-3rd Grade Classroom (21 Questions)			
41285	1065	Access to Direct Natural Light	
41286	1066	Adjustable Lighting	
41287	1067	Age Appropriate Flexible Seating	
41288	1068	Charging Cart	
41289	1069	Cubbies	
41290	1070	Door Lockouts	
41291	1071	Door with View panel or Side-light	
41292	1072	Interactive Whiteboard or TV	
41293	1073	Intercom	
41294	1074	Lockable Door	
41295	1075	Minimum 8 total outlets	
41296	1076	Network Drop	
41297	1077	On-Suite Restroom	
41298	1078	Sink	
41299	1079	Solid Recessed Door	
	1080	Square Footage	
41300	1081	Storage Casework	
41301	1082	Teaching Station	
41302	1083	VET Floors	
41303	1084	Whiteboard	
41304	1085	Wireless Access Point	

114 Science Space Survey			
Add Attachment/Picture		Export	
ID	Questi...	Question ▲	Answer
High Science Lab (24 Questions)			
38377	1672	Access to Direct Natural Light	☒ Yes ☐ No
38378	1673	Adjustable Lighting	☒ Yes ☐ No
38379	1674	Age Appropriate Flexible Seating	☐ Yes ☒ No
38380	1675	Charging Cart	☐ Yes ☒ No
64589	1676	Chemical Exhaust Hood	☐ Yes ☒ No
38381	1677	Demo Table with Gas	☒ Yes ☐ No
38382	1678	Door Lockouts	☒ Yes ☐ No
38383	1679	Door with View panel or Side-light	☒ Yes ☐ No
38384	1680	Eyewash / Shower	☐ Yes ☒ No
38385	1681	Interactive Whiteboard or TV	☒ Yes ☐ No
38386	1682	Intercom	☒ Yes ☐ No
38387	1683	Lockable Door	☒ Yes ☐ No
38388	1684	Lockable Storage	☒ Yes ☐ No
38389	1685	Minimum 8 total outlets	☒ Yes ☐ No
38390	1686	Network Drop	☒ Yes ☐ No
38391	1687	Refrigerator	☐ Yes ☒ No
38392	1688	Science Lab Student Sink Away from Desk	☒ Yes ☐ No
38393	1689	Solid Recessed Door	☒ Yes ☐ No
	1690	Square Footage	
38394	1691	Storage Casework	☒ Yes ☐ No
38395	1692	Teaching Station	☒ Yes ☐ No
38396	1693	VET Floors	☒ Yes ☐ No
38397	1694	Whiteboard	☒ Yes ☐ No
38398	1695	Wireless Access Point	☒ Yes ☐ No

EDUCATIONAL ADEQUACY ASSESSMENTS

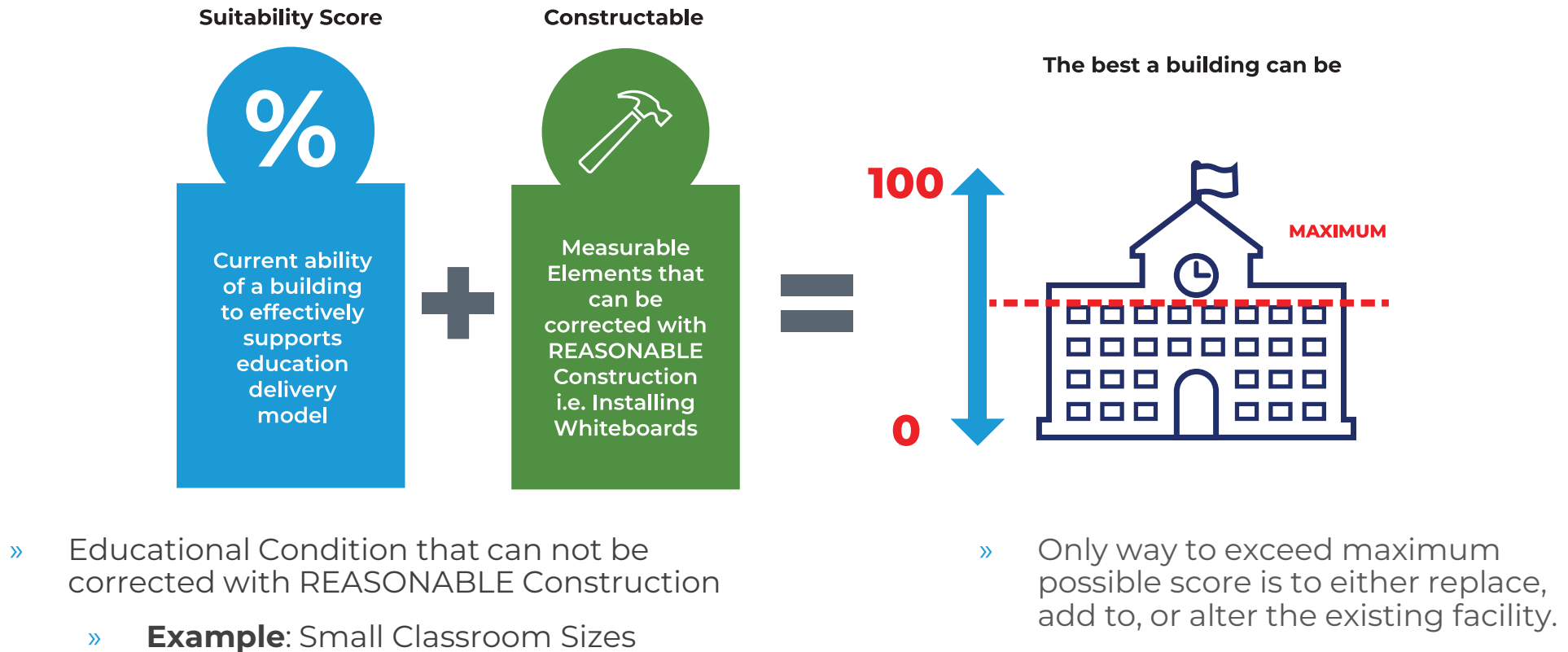
How to Score and Cost



EDUCATIONAL ADEQUACY ASSESSMENTS

Maximum Score

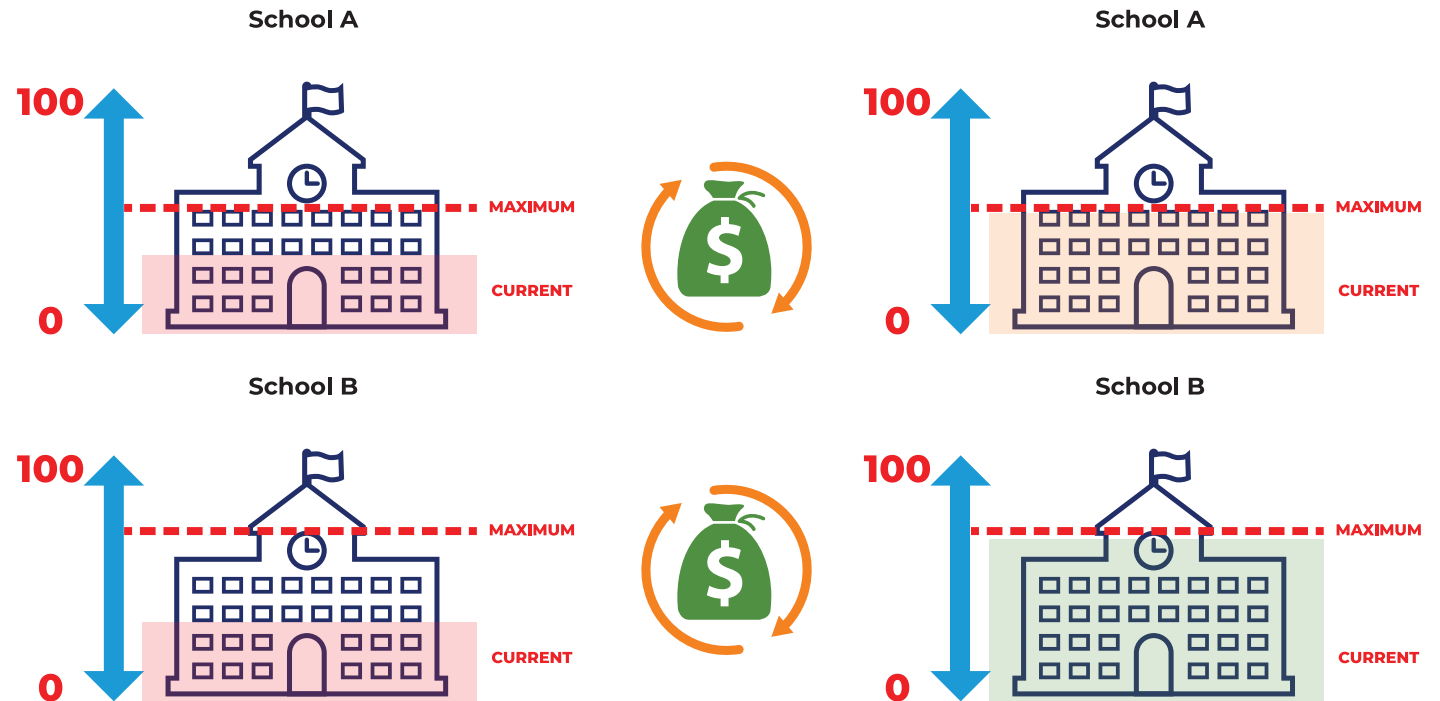
Schools Can Have a Maximum Possible Score NOT at 100



EDUCATIONAL ADEQUACY ASSESSMENTS

Costing

- » Measurable Elements that can be corrected with REASONABLE Construction
- » Reasonable Construction in school facility would correct educational deficiencies to maximum possible score
- » Deficiencies that can't be corrected with REASONABLE Construction keep a facility from reaching a perfect 100 score
 - » Is determined in a “like-to-like” scenario



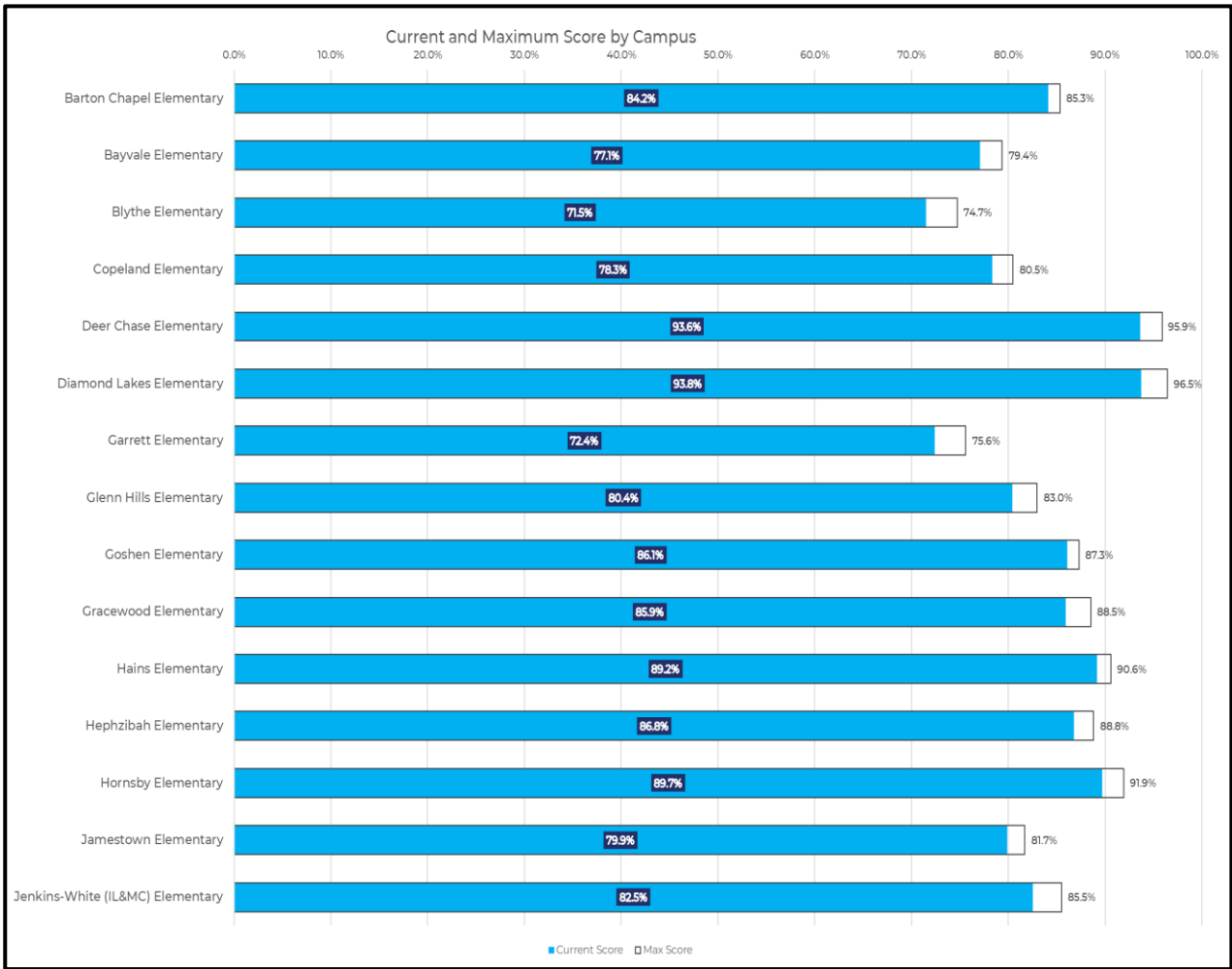
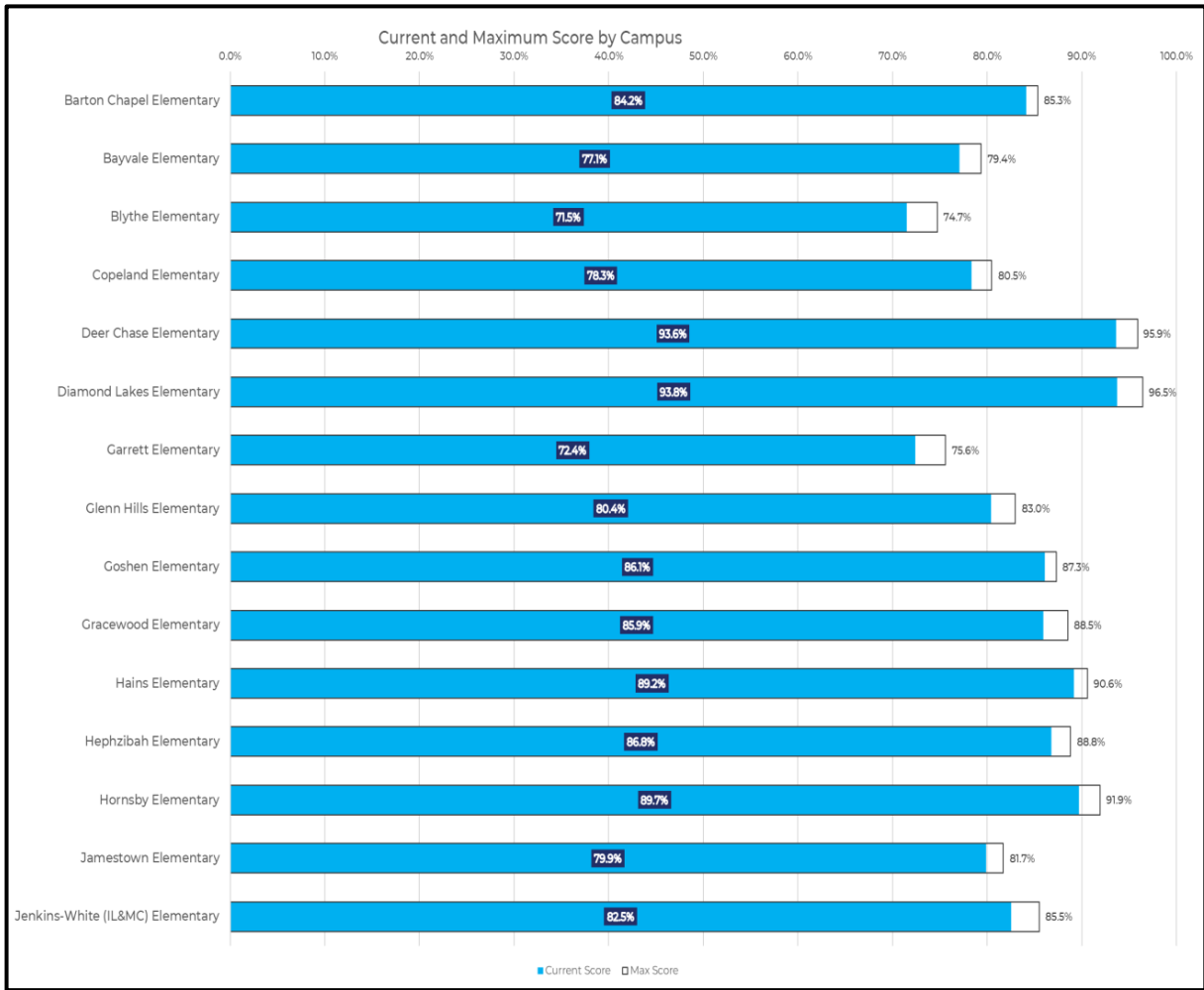
EDUCATIONAL ADEQUACY ASSESSMENTS

Building Capacity Standards

- » A capacity standard must be developed in order to determine what space types are needed in each building, and how many. Three size models were used at elementary, one at middle school, and two at high school.
- » Elementary:
 - » 4 section model – 536 capacity
 - » 5 section model – 659 capacity
 - » 6 section model – 782 capacity
- » Middle – 750 capacity model
- » High:
 - » 1,200 capacity model
 - » 1,600 capacity model

EDUCATIONAL ADEQUACY ASSESSMENTS

Findings



EDUCATIONAL ADEQUACY ASSESSMENTS

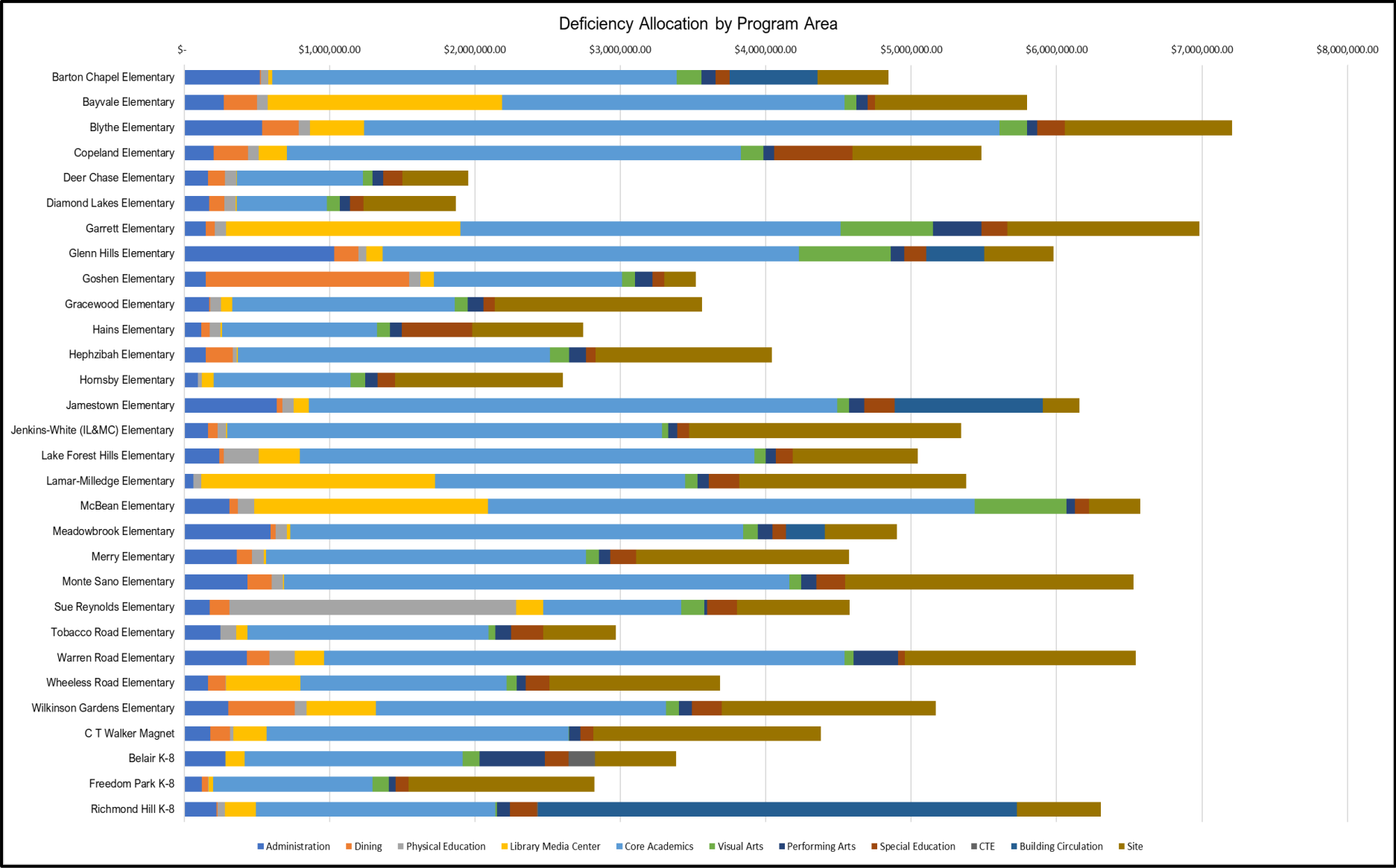
Findings

Campus	Ideal Target Cost	Constructable Costs	Non Constructable Costs	Current Score	Max Score
Barton Chapel Elementary	\$ 30,577,600.00	\$ 360,654.66	\$ 4,484,908.00	84.2%	85.3%
Bayvale Elementary	\$ 25,299,200.00	\$ 580,736.81	\$ 5,216,642.72	77.1%	79.4%
Blythe Elementary	\$ 25,299,200.00	\$ 814,292.78	\$ 6,393,641.05	71.5%	74.7%
Copeland Elementary	\$ 25,299,200.00	\$ 547,738.85	\$ 4,934,701.22	78.3%	80.5%
Deer Chase Elementary	\$ 30,577,600.00	\$ 699,193.49	\$ 1,253,000.00	93.6%	95.9%
Diamond Lakes Elementary	\$ 30,577,600.00	\$ 825,359.79	\$ 1,081,200.00	93.8%	96.5%
Garrett Elementary	\$ 25,299,200.00	\$ 810,865.17	\$ 6,173,234.53	72.4%	75.6%
Glenn Hills Elementary	\$ 30,577,600.00	\$ 777,814.18	\$ 5,201,306.51	80.4%	83.0%
Goshen Elementary	\$ 25,299,200.00	\$ 306,890.48	\$ 3,213,684.90	86.1%	87.3%
Gracewood Elementary	\$ 25,299,200.00	\$ 663,982.22	\$ 2,897,454.20	85.9%	88.5%
Hains Elementary	\$ 25,299,200.00	\$ 369,267.16	\$ 2,374,534.15	89.2%	90.6%
Hephzibah Elementary	\$ 30,577,600.00	\$ 625,843.91	\$ 3,416,000.00	86.8%	88.8%
Hornsby Elementary	\$ 25,299,200.00	\$ 567,051.70	\$ 2,037,907.84	89.7%	91.9%
Jamestown Elementary	\$ 30,577,600.00	\$ 559,705.69	\$ 5,595,864.91	79.9%	81.7%
Jenkins-White (IL&MC) Elementary	\$ 30,577,600.00	\$ 910,456.03	\$ 4,434,442.94	82.5%	85.5%
Lake Forest Hills Elementary	\$ 35,346,400.00	\$ 702,619.17	\$ 4,342,400.00	85.7%	87.7%
Lamar-Milledge Elementary	\$ 25,299,200.00	\$ 708,535.85	\$ 4,670,099.25	78.7%	81.5%
McBean Elementary	\$ 31,104,800.00	\$ 680,369.65	\$ 5,894,692.69	78.9%	81.0%
Meadowbrook Elementary	\$ 30,577,600.00	\$ 528,726.36	\$ 4,373,985.43	84.0%	85.7%
Merry Elementary	\$ 25,299,200.00	\$ 640,807.44	\$ 3,931,440.93	81.9%	84.5%
Monte Sano Elementary	\$ 25,299,200.00	\$ 640,261.65	\$ 5,888,916.88	74.2%	76.7%
Sue Reynolds Elementary	\$ 35,346,400.00	\$ 758,922.56	\$ 3,816,273.69	87.1%	89.2%
Tobacco Road Elementary	\$ 25,299,200.00	\$ 650,239.62	\$ 2,319,055.63	88.3%	90.8%
Warren Road Elementary	\$ 35,346,400.00	\$ 936,205.76	\$ 5,606,504.97	81.5%	84.1%
Wheless Road Elementary	\$ 35,346,400.00	\$ 350,497.16	\$ 3,334,474.19	89.6%	90.6%
Wilkinson Gardens Elementary	\$ 30,577,600.00	\$ 702,342.75	\$ 4,467,163.43	83.1%	85.4%
C T Walker Magnet	\$ 36,284,800.00	\$ 567,944.43	\$ 3,809,389.30	87.9%	89.5%
Belair K-8	\$ 55,680,000.00	\$ 377,317.23	\$ 3,005,269.28	93.9%	94.6%
Freedom Park K-8	\$ 40,640,000.00	\$ 810,118.61	\$ 2,013,841.99	93.1%	95.0%
Richmond Hill K-8	\$ 55,680,000.00	\$ 995,539.70	\$ 5,308,056.10	88.7%	90.5%



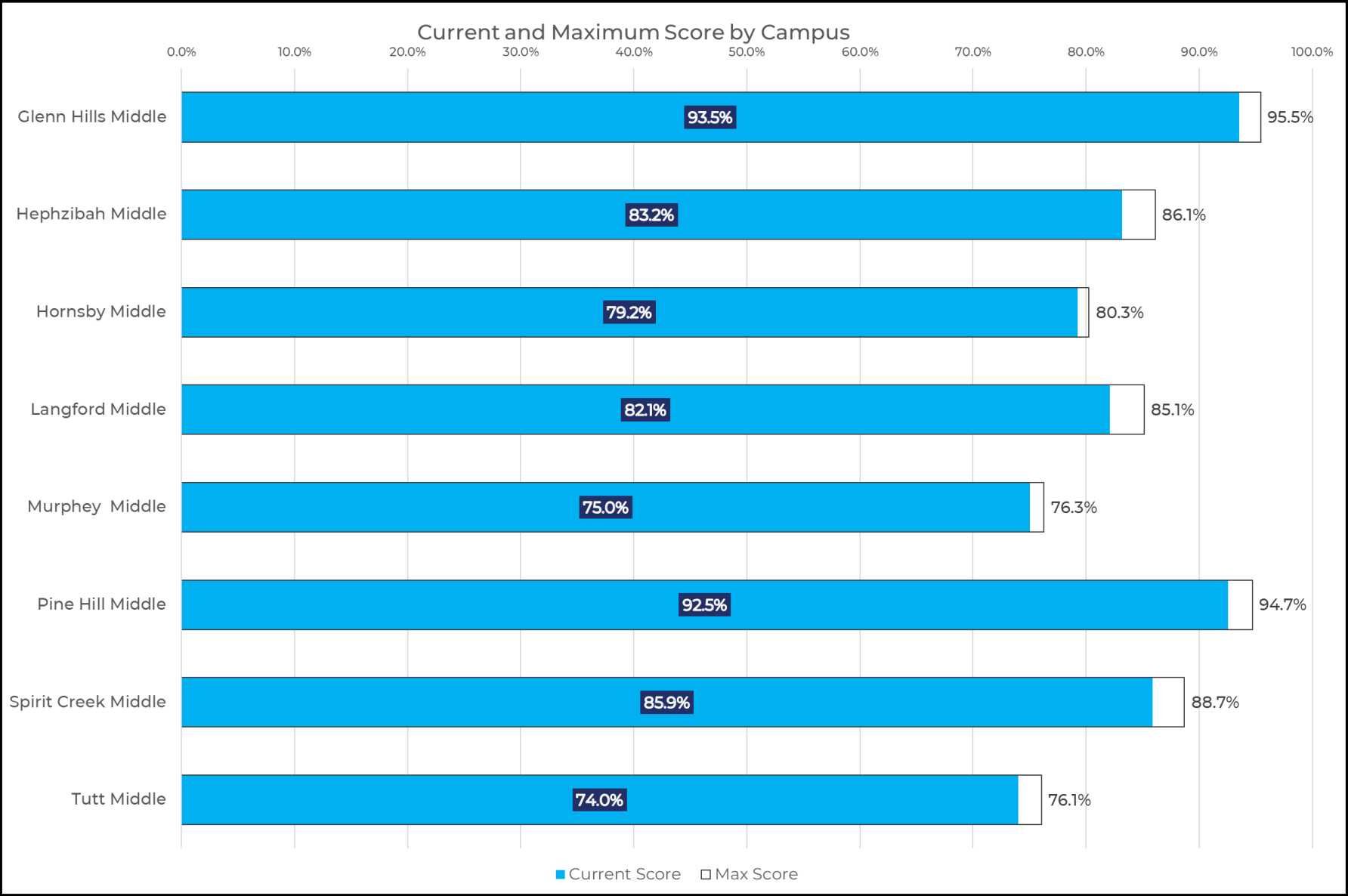
EDUCATIONAL ADEQUACY ASSESSMENTS

Findings



EDUCATIONAL ADEQUACY ASSESSMENTS

Findings



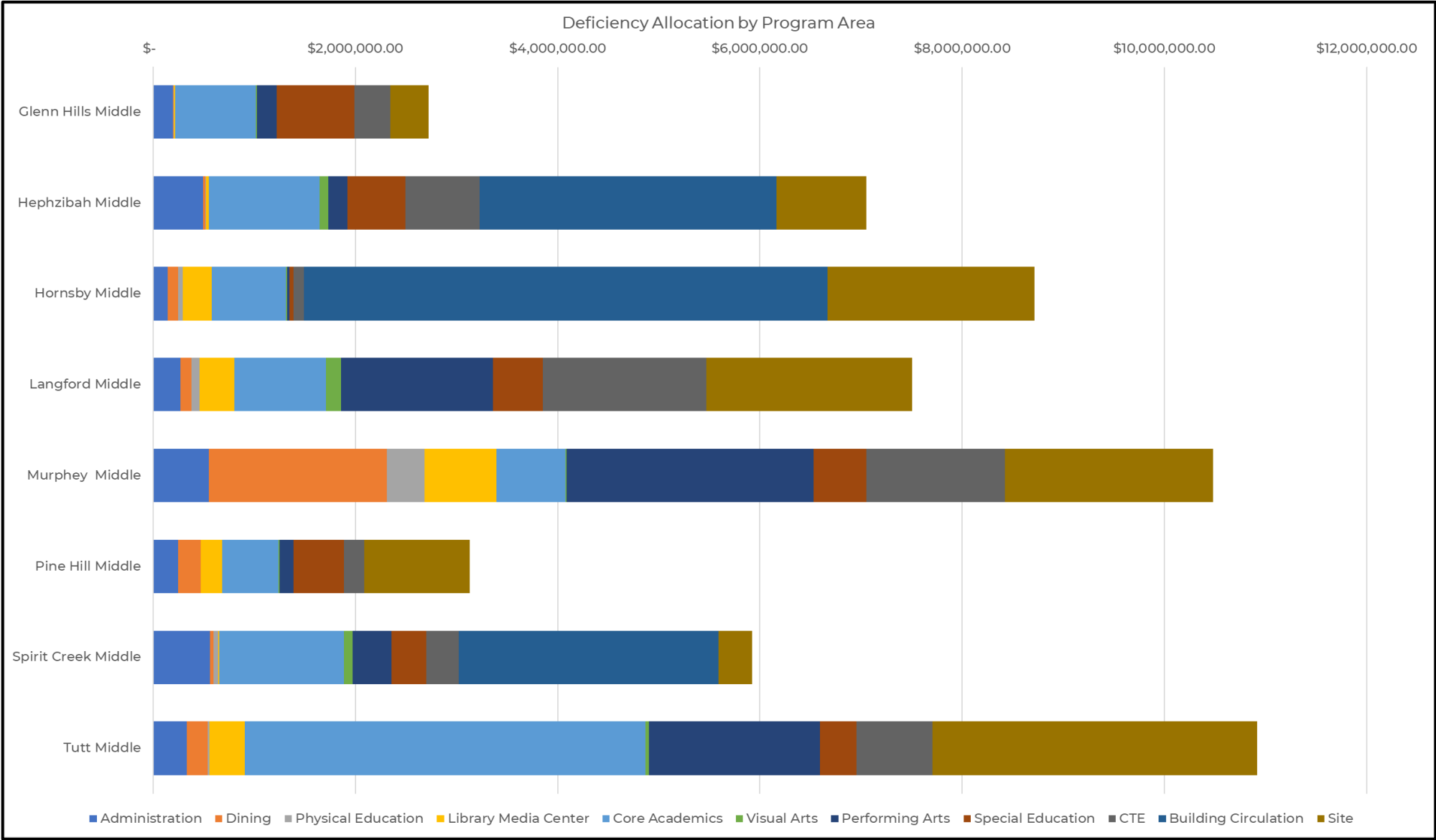
EDUCATIONAL ADEQUACY ASSESSMENTS

Findings

Campus	Ideal Target Cost	Constructable Costs	Non Constructable Costs	Current Score	Max Score
Glenn Hills Middle	\$ 42,000,000.00	\$ 811,481.80	\$ 1,910,185.67	93.5%	95.5%
Hephzibah Middle	\$ 42,000,000.00	\$ 1,224,396.71	\$ 5,837,453.09	83.2%	86.1%
Hornsby Middle	\$ 42,000,000.00	\$ 425,240.96	\$ 8,291,688.96	79.2%	80.3%
Langford Middle	\$ 42,000,000.00	\$ 1,272,017.30	\$ 6,241,223.42	82.1%	85.1%
Murphey Middle	\$ 42,000,000.00	\$ 515,907.60	\$ 9,965,839.35	75.0%	76.3%
Pine Hill Middle	\$ 42,000,000.00	\$ 900,027.28	\$ 2,229,537.86	92.5%	94.7%
Spirit Creek Middle	\$ 42,000,000.00	\$ 1,162,901.11	\$ 4,759,788.42	85.9%	88.7%
Tutt Middle	\$ 42,000,000.00	\$ 870,807.93	\$ 10,052,802.35	74.0%	76.1%

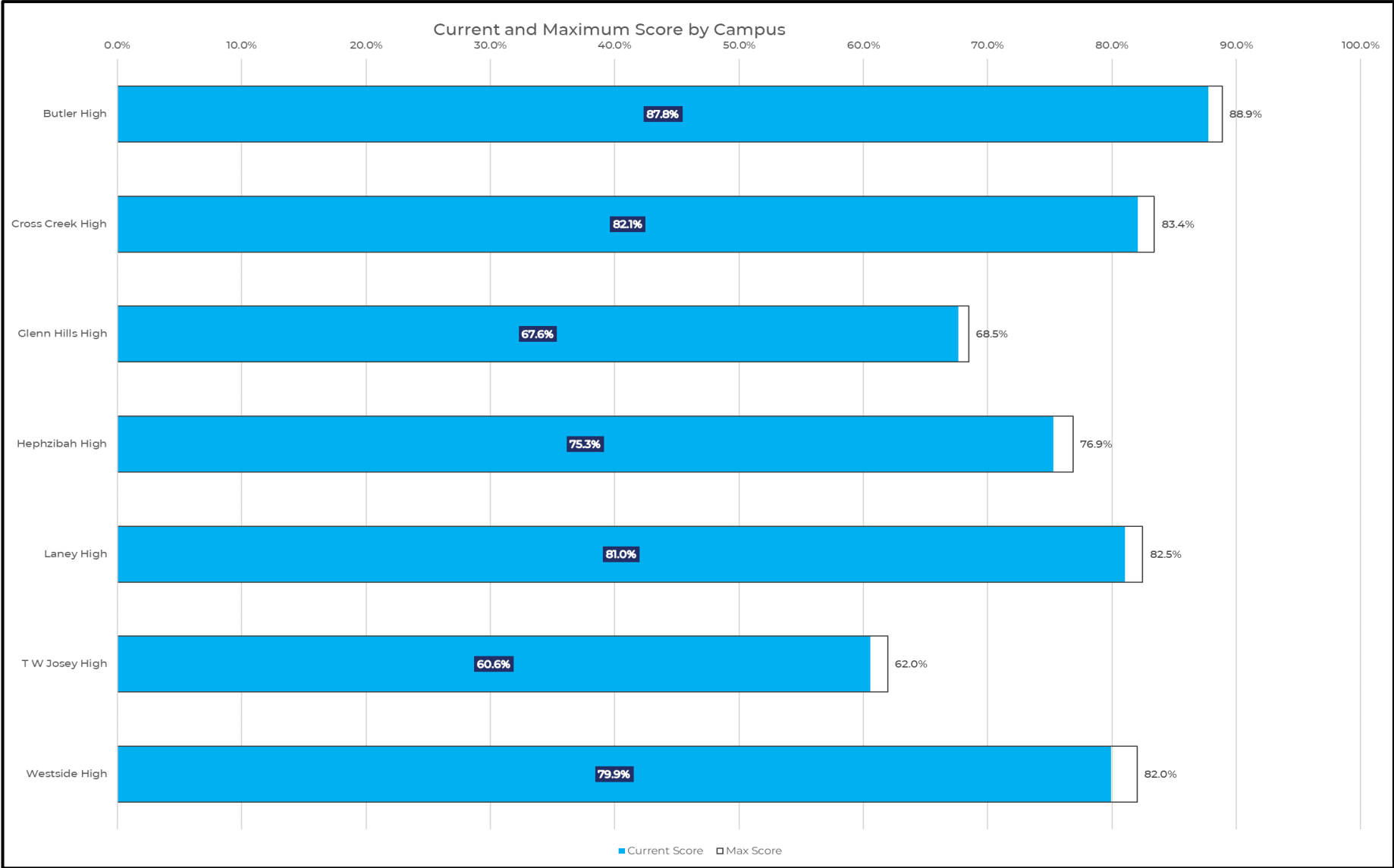
EDUCATIONAL ADEQUACY ASSESSMENTS

Findings



EDUCATIONAL ADEQUACY ASSESSMENTS

Findings



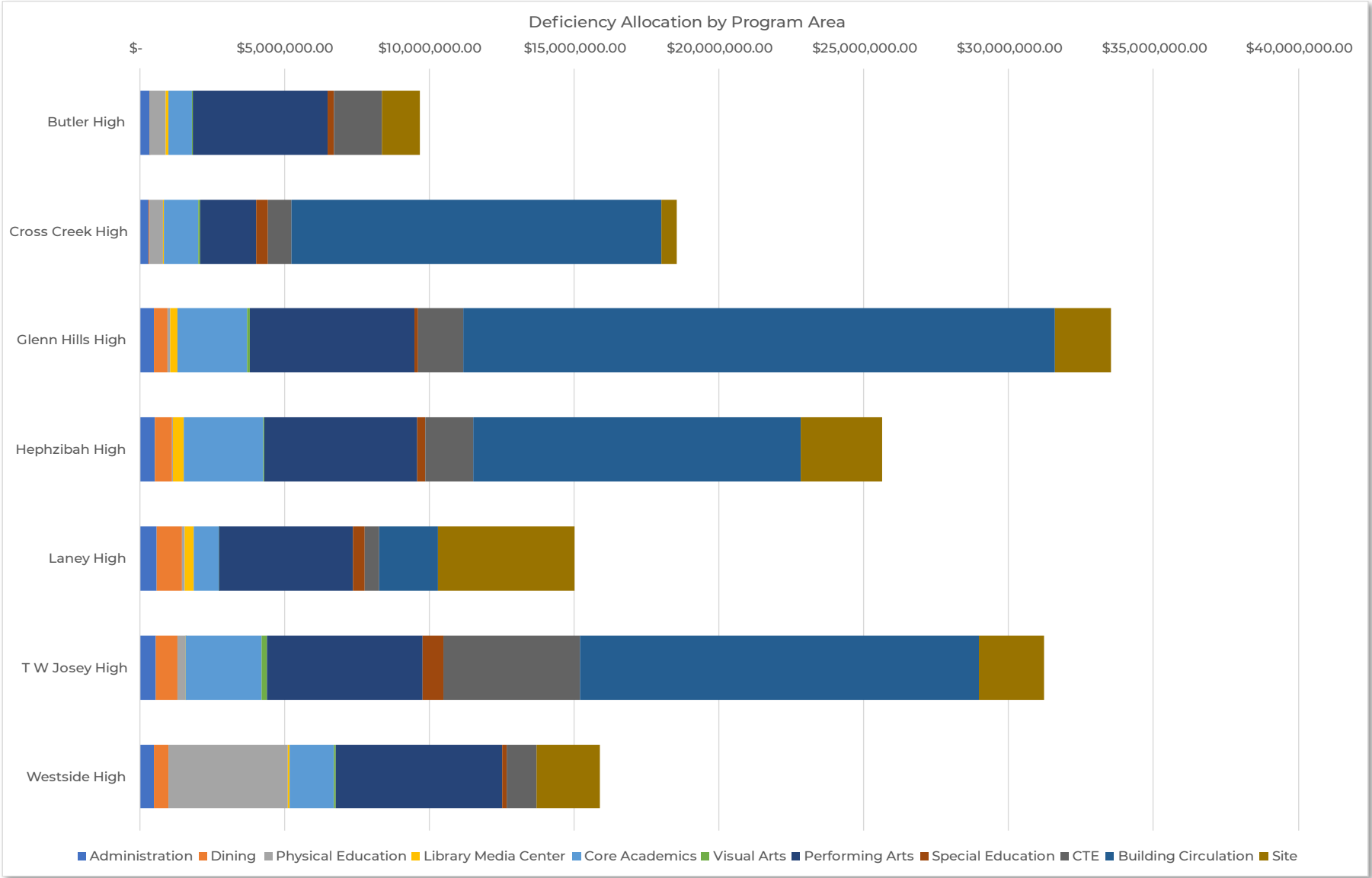
EDUCATIONAL ADEQUACY ASSESSMENTS

Findings

Campus	Ideal Target Cost	Constructable Costs	Non Constructable Costs	Current Score	Max Score
Academy of Richmond County High		Under Renovation			
Butler High	\$ 79,200,000.00	\$ 863,816.39	\$ 8,819,168.54	87.8%	88.9%
Cross Creek High	\$ 103,680,000.00	\$ 1,359,722.79	\$ 17,198,811.93	82.1%	83.4%
Glenn Hills High	\$ 103,680,000.00	\$ 882,645.53	\$ 32,661,007.32	67.6%	68.5%
Hephzibah High	\$ 103,680,000.00	\$ 1,661,339.37	\$ 23,963,177.54	75.3%	76.9%
Laney High	\$ 79,200,000.00	\$ 1,132,972.23	\$ 13,881,793.28	81.0%	82.5%
T W Josey High	\$ 79,200,000.00	\$ 1,093,747.24	\$ 30,122,302.10	60.6%	62.0%
Westside High	\$ 79,200,000.00	\$ 1,650,402.96	\$ 14,234,949.60	79.9%	82.0%

EDUCATIONAL ADEQUACY ASSESSMENTS

Findings



An aerial photograph of a suburban neighborhood, showing houses, streets, and lush green trees. A large, semi-transparent blue circle is overlaid on the left side of the image, partially obscuring the houses and trees. The text 'SUBDIVISION YIELD ANALYSIS' is written in white, bold, sans-serif capital letters across the center of the blue circle.

SUBDIVISION YIELD ANALYSIS

Subdivision Analysis

Summary

The table below and on the following pages show the results of the Subdivision Analysis. This study looks at the number of students residing in different housing types within the county and calculates a student yield both district-wide and by attendance boundary. Student yield is defined as the number of RCSS students produced by each housing unit within a given housing type.

Housing Type	Units	PK-5 Students	6-8 Students	9-12 Students	Total Students	PK-5 Yield	6-8 Yield	9-12 Yield	Total Yield
Single Family Subdivision	45,608	8,250	3,889	5,643	17,782	0.18	0.09	0.12	0.39
Apartment	19,694	2,521	903	918	4,342	0.13	0.05	0.05	0.22
Condo/Townhome	3,981	328	151	176	655	0.08	0.04	0.04	0.16
Mobile Home Park	1,279	218	93	137	448	0.17	0.07	0.11	0.35
Total	70,562	11,317	5,036	6,874	23,227	0.16	0.07	0.10	0.33

For example in the table above, there are 45,608 identified Single Family Subdivision units within the county yielding 17,782 students, resulting in a district-wide PK-12 student yield of 0.39 students per Single Family Subdivision unit.

Subdivision Analysis

Elementary Boundary

This table shows the PK-5 student yield for each elementary attendance boundary by housing type.

PreK-5 Student Yield by Elementary Boundary	Single Family Subdivision Units	Apartment Units	Condo/Townhome Units	Mobile Home Units	Single Family Subdivision PK-5 Yield	Apartment PK-5 Yield	Condo/Townhome PK-5 Yield	Mobile Home Park PK-5 Yield	Total PK-5 Yield
Barton Chapel ES	1,386	412	0	41	0.28	0.13	-	0.02	0.24
Bayvale ES	718	339	112	314	0.17	0.19	0.24	0.25	0.20
Belair K-8	2,798	496	14	0	0.26	0.04	0.00	-	0.23
Blythe ES	580	253	0	386	0.21	0.11	-	-	0.17
Copeland ES	729	1,707	0	0	0.17	0.13	-	-	0.14
Deer Chase ES	2,168	120	40	0	0.20	0.28	0.23	-	0.20
Diamond Lakes ES	2,033	374	77	283	0.28	0.11	0.17	0.10	0.23
Freedom Park ES									
Garrett ES	1,915	2,359	561	0	0.07	0.06	0.07	-	0.07
Glenn Hills ES	1,343	177	0	163	0.20	0.24	-	0.13	0.20
Goshen ES	1,291	97	201	80	0.20	0.25	0.19	0.38	0.21
Gracewood ES	848	101	212	12	0.21	0.45	0.12	0.08	0.21
Hains ES	1,737	0	0	0	0.25	-	-	-	0.25
Hephzibah ES	2,210	0	0	0	0.18	-	-	-	0.18
Hornsby ES	1,096	704	43	0	0.20	0.23	0.05	-	0.21
Jamestown ES	2,821	1,066	18	0	0.17	0.14	0.17	-	0.16
Jenkins-White ES	1,059	512	0	0	0.14	0.56	-	-	0.28
Lake Forest Hills ES	2,137	828	205	0	0.08	0.11	0.05	-	0.08
Lamar-Milledge ES	45	586	51	0	0.02	0.16	-	-	0.14
McBean ES	1,240	0	0	0	0.20	-	-	-	0.20
Meadowbrook ES	2,312	0	0	0	0.19	-	-	-	0.19
Merry ES	1,810	1,460	345	0	0.06	0.10	0.08	-	0.08
Monte Sano ES	1,023	337	31	0	0.15	0.23	0.10	-	0.17
Reynolds ES	2,000	3,895	1,173	0	0.14	0.08	0.05	-	0.09
Richmond Hill	1,857	72	0	0	0.22	0.03	-	-	0.22
Tobacco Road ES	1,776	0	0	0	0.21	-	-	-	0.21
Warren Road ES	2,254	1,929	780	0	0.11	0.11	0.07	-	0.10
Wheless Road ES	3,462	1,198	118	0	0.17	0.21	0.15	-	0.18
Wilkinson Gardens ES	960	672	0	0	0.21	0.03	-	-	0.14
Total	45,608	19,694	3,981	1,279	0.18	0.13	-	-	0.16

Subdivision Analysis

Middle School Boundary

This table shows the 6th-8th grade student yield for each middle school attendance boundary by housing type.

6-8 Student Yield by Middle Boundary	Single Family Subdivision Units	Apartment Units	Condo/Townhome Units	Mobile Home Units	Single Family Subdivision 6-8 Yield	Apartment 6-8 Yield	Condo/Townhome 6-8 Yield	Mobile Home Park 6-8 Yield	Total 6-8 Yield
Belair K-8	2,798	496	14	0	0.14	0.01	0.07	-	0.12
Freedom Park MS									
Glenn Hills MS	8,442	1,655	18	204	0.10	0.05	-	0.03	0.09
Hephzibah MS	3,273	373	40	386	0.09	0.06	-	0.06	0.08
Hornsby MS	1,430	1,540	94	0	0.10	0.10	0.02	-	0.10
Langford MS	5,356	6,641	1409	0	0.06	0.04	0.03	-	0.04
Murphey MS	3,948	2,308	230	314	0.08	0.06	0.07	0.11	0.07
Pine Hill MS	3,379	198	413	92	0.09	0.12	0.06	0.12	0.09
Richmond Hill	4,976	235	0	0	0.11	0.04	-	-	0.11
Spirit Creek MS	5,494	374	77	283	0.10	0.04	0.04	0.06	0.10
Tutt MS	6,512	5,874	1686	0	0.04	0.03	0.03	-	0.03
Total	45,608	19,694	3,981	1,279	0.09	0.05	-	0.07	0.07

Subdivision Analysis

High School Boundary

This table shows the 9th-12th grade student yield for each high school attendance boundary by housing type.

9-12 Student Yield by High Boundary	Single Family Subdivision Units	Apartment Units	Condo/Townhome Units	Mobile Home Units	Single Family Subdivision 9-12 Yield	Apartment 9-12 Yield	Condo/Townhome 9-12 Yield	Mobile Home Park 9-12 Yield	Total 9-12 Yield
ARC HS	5,356	6,641	1,409	0	0.10	0.04	0.04	-	0.07
Butler HS	6,192	235	0	0	0.14	0.06	-	-	0.14
Cross Creek HS	5,972	572	490	375	0.15	0.06	0.07	0.09	0.14
Glenn Hills HS	8,442	1,655	18	204	0.13	0.04	0.17	0.12	0.11
Hephzibah HS	4,958	373	40	386	0.16	0.06	0.03	0.11	0.15
Josey HS	3,948	2,308	230	314	0.11	0.05	0.09	0.11	0.09
Laney HS	1,430	1,540	94	0	0.14	0.11	0.01	-	0.12
Westside HS	9,310	6,370	1,700	0	0.09	0.03	0.04	-	0.06
Total	45,608	19,694	3,981	1,279	0.12	0.05	0.04	0.11	0.10