



Crabtree, Rohrbaugh & Associates

**HEMPFIELD**  
**SCHOOL DISTRICT**  
FACILITY STUDY UPDATE

August 13, 2019

## **1. PROJECTED ENROLLMENT**

**2010 MARTIN STUDY**

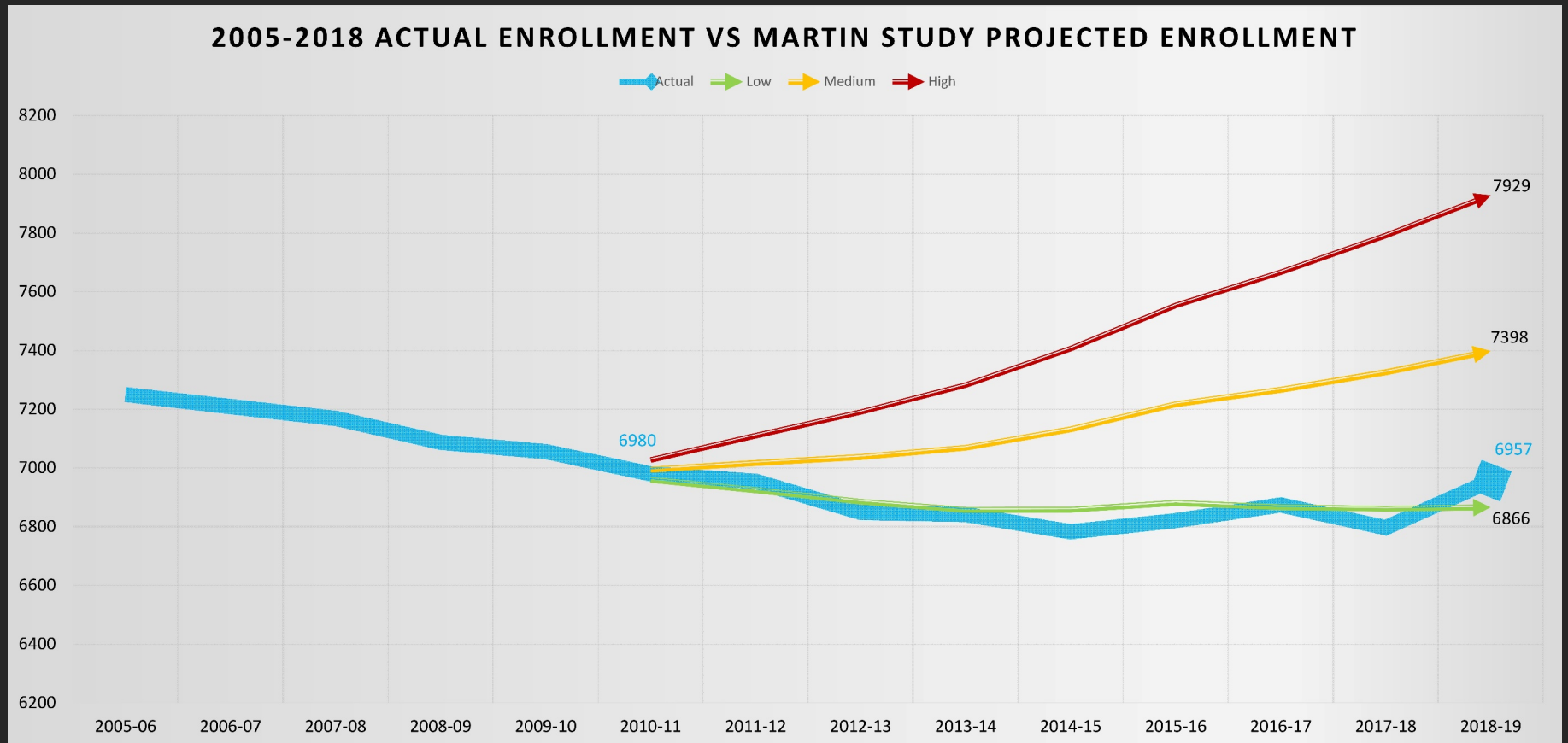
**2019 DECISIONINSITE STUDY**

**BUILDING CAPACITY VS PROJECTED ENROLLMENT**

## **2. NEXT STEPS**

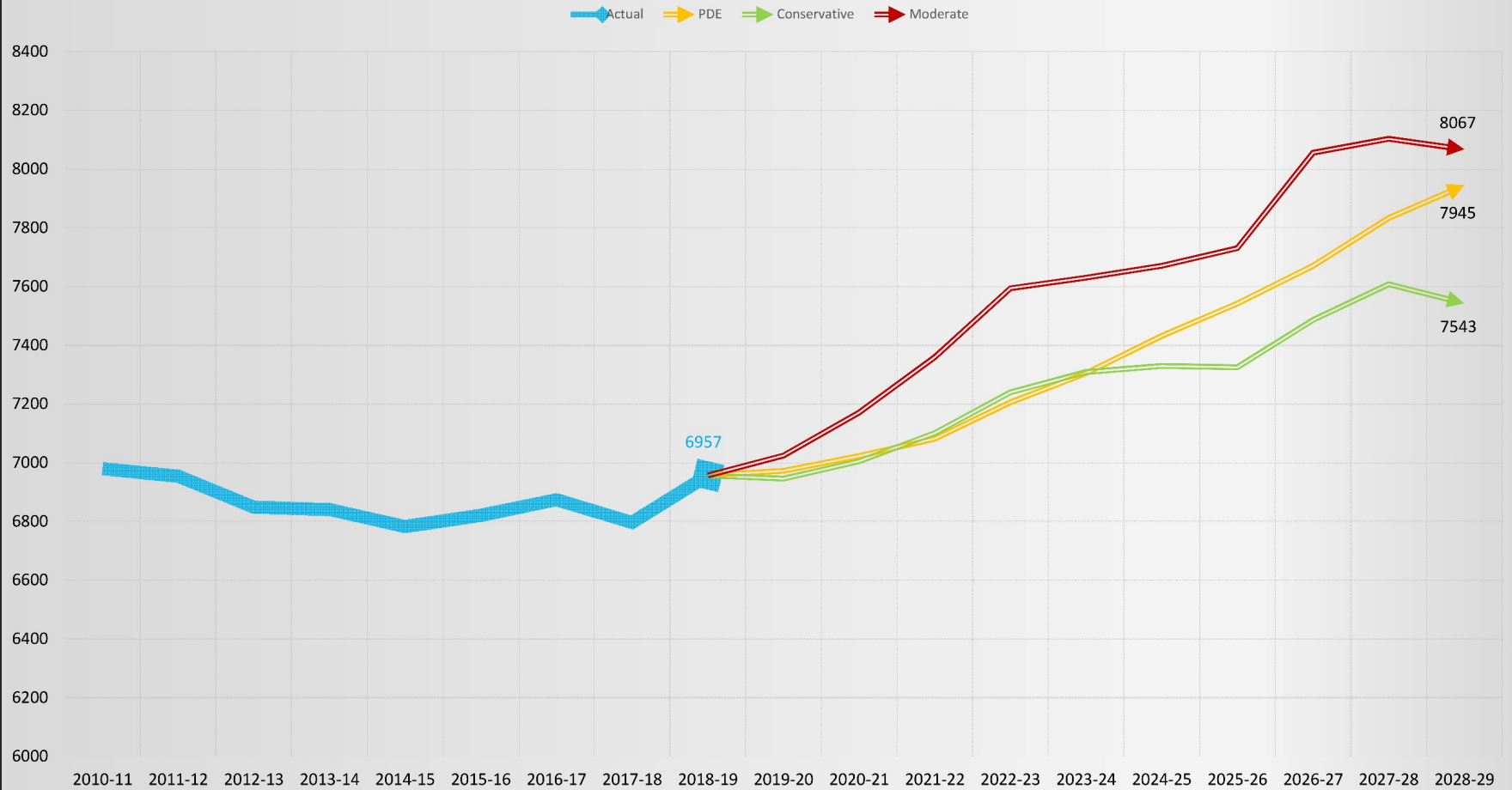
**AGENDA**

# PROJECTED ENROLLMENT – MARTIN STUDY



# PROJECTED ENROLLMENT – DECISION INSITE

## 2018 ACTUAL ENROLLMENT VS DECISION INSITE PROJECTED ENROLLMENT



# BUILDING CAPACITY VS PROJECTED ENROLLMENT

Decision Insite Projected Enrollment - Conservative & Moderate Projections																					
		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		2025-26		2026-27		2027-28		2028-29	
<b>K - 6 Elementary School</b>	<b>Capacity</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>	<b>Con.</b>	<b>Mod.</b>
Centerville ES	725	497	504	505	520	521	549	567	605	579	616	608	644	594	635	595	644	590	633	581	628
East Petersburg ES	625	448	455	447	462	433	448	414	438	420	443	424	450	409	441	408	439	403	436	397	433
Farmdale ES	675	539	548	546	559	533	550	523	544	518	540	510	535	519	557	581	664	623	665	623	664
Landisville Intermediate (4-6)	525	496	500	481	493	516	539	505	530	505	528	491	513	489	510	498	527	502	523	499	522
Landisville Primary (K-3)	675	588	598	617	640	639	673	657	691	661	683	656	677	647	673	660	711	665	705	656	699
Mountville ES	700	627	636	636	653	656	681	676	719	670	708	671	712	662	708	655	703	647	699	638	692
Rohrerstown ES	700	459	462	460	467	467	481	470	493	466	485	478	497	473	492	466	487	461	484	452	480
<b>7 - 8 Middle School</b>																					
Centerville Middle School	1,016	594	598	580	590	567	582	593	618	633	657	600	628	608	642	656	703	637	687	629	676
Landisville Middle School	869	518	524	543	555	530	551	549	573	565	588	543	569	549	581	574	626	591	626	581	614
<b>9-12 High School</b>																					
Hempfield High School	2368	2180	2200	2190	2232	2239	2306	2286	2383	2292	2382	2349	2446	2375	2492	2393	2552	2489	2645	2487	2659
		<b>2019-20</b>		<b>2020-21</b>		<b>2021-22</b>		<b>2022-23</b>		<b>2023-24</b>		<b>2024-25</b>		<b>2025-26</b>		<b>2026-27</b>		<b>2027-28</b>		<b>2028-29</b>	
<b>Total District</b>		6946	7025	7005	7171	7101	7360	7240	7594	7309	7630	7330	7671	7325	7731	7486	8056	7608	8103	7543	8067

## CAPACITY/UTILIZATION METHODOLOGIES

### PA. DEPARTMENT OF EDUCATION

MUST COMPLY WITH MINIMUM 660 SF FOR REIMBURSEMENT ELIGIBILITY

#### ELEMENTARY CALCULATION

- ONLY CLASSROOMS = 25/STUDENT
- KINDERGARTEN 25/(FT); 50/(HT) STUDENTS

#### SECONDARY CALCULATION

- CR/ART/GYM/AUX GYM/SCI/MUSIC/COMPUTER.....

#### 85% UTILIZATION FOR 20 YEAR PLANNING PROCESS

- ADDRESS ENROLLMENT AND PROGRAM CHANGES

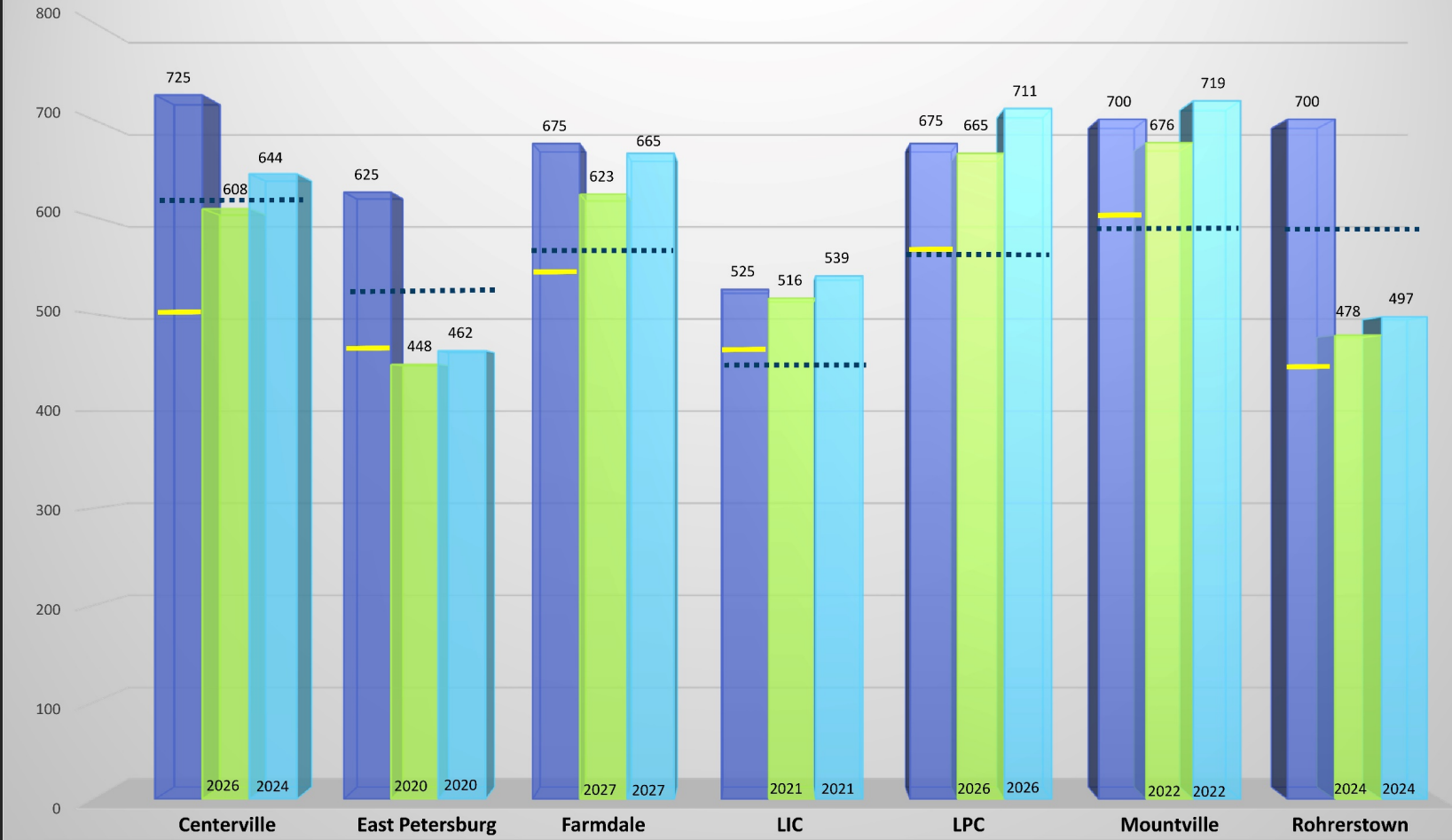
# BUILDING CAPACITY VS PROJECTED ENROLLMENT

Building Capacity Compared to Current and Projected Enrollment										
K - 6 Elementary School (Target Utilization 85%)										K - 6
		A	Utilization	B	Utilization	C	Utilization	D	Utilization	
School	Current Building Capacity	Current 10/2018 Enrollment	% Full Current Enrollment	PDE Highest Proj. Enrollment	% Full PDE 2028-29 Enrollment	Decision Insite <b>Conservative</b> Projection	% Full Per % Consv. Enrollment	Decision Insite <b>Moderate</b> Projection	% Full Per % Mod. Enrollment	Additional Space Required ?
Centerville ES	725	501	69%			608	84%	644	89%	
East Petersburg ES	625	471	75%			447	72%	462	74%	
Farmdale ES	675	545	81%			623	92%	665	99%	
Landisville Intermediate	525	478	91%			516	98%	539	103%	
Landisville Primary	675	582	86%			665	99%	711	105%	
Mountville ES	700	614	88%			676	97%	719	103%	
Rohrerstown ES	700	455	65%			478	68%	497	71%	
Total Capacity	4,625	3,646	79%	4,382	95%	4,013	87%	4237	92%	Long Term
Capacity Available		979		243		612				
7 - 8 Middle School (Target Utilization 85%)										7 - 8
		A	Utilization	B	Utilization	C	Utilization	D	Utilization	
School	Current Building Capacity	Current 10/2018 Enrollment	% Full Current Enrollment	PDE Highest Proj. Enrollment	% Full PDE 2028-29 Enrollment	Decision Insite <b>Conservative</b> Projection	% Full Per % Consv. Enrollment	Decision Insite <b>Moderate</b> Projection	% Full Per % Mod. Enrollment	Additional Space Required ?
Centerville Middle School	1,016	599	59%			656	65%	703	69%	
Landisville Middle School	869	502	58%			591	68%	626	72%	
Total Capacity	1,885	1,101	58%	1,217	65%	1,247	66%	1329	71%	Long Term
Capacity Available		784		668		638				
9 - 12 High School (Target Utilization 85%)										9 - 12
		A	Utilization	B	Utilization	C	Utilization	D	Utilization	
School	Current Building Capacity	Current 10/2018 Enrollment	% Full Current Enrollment	PDE Highest Proj. Enrollment	% Full PDE 2028-29 Enrollment	Decision Insite <b>Conservative</b> Projection	% Full Per % Consv. Enrollment	Decision Insite <b>Moderate</b> Projection	% Full Per % Mod. Enrollment	Additional Space Required ?
Hempfield High School	2,368	2193	93%			2489	105%	2659	112%	
Total Capacity	2,368	2193	93%	2398	101%	2489	105%	2659	112%	Long Term
Capacity Available		175		-30		-121				
Total District Enrollment	8,878	6940	78%	7945	89%	7,608	86%	8103	91%	

# BUILDING CAPACITY VS PROJECTED ENROLLMENT

Elementary Building Capacity vs **Conservative** & **Moderate** Projected Enrollment

85% Utilization  
 Current Utilization

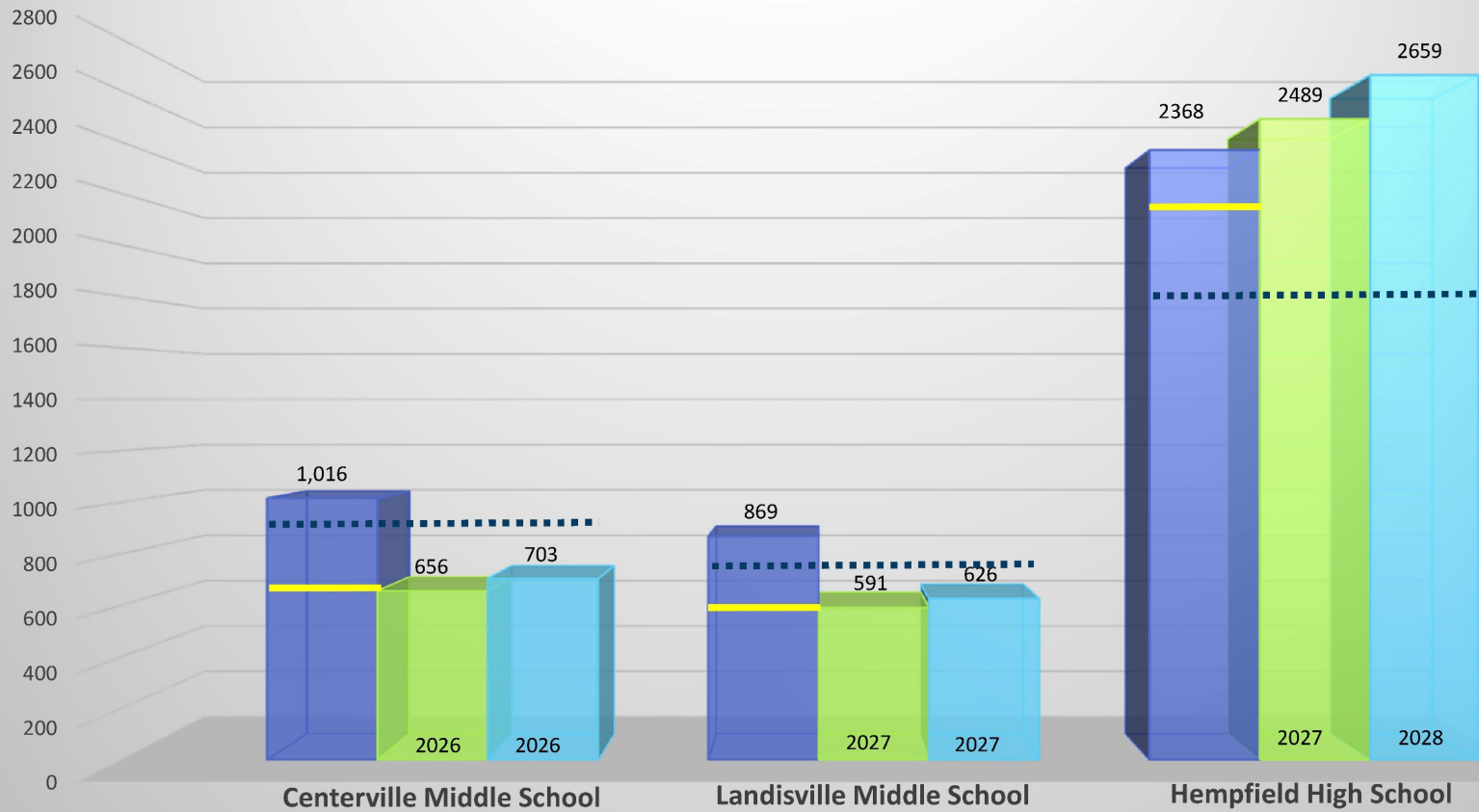




# BUILDING CAPACITY VS PROJECTED ENROLLMENT

## Secondary Building Capacity vs Conservative & Moderate Projected Enrolment

85% Utilization  
Current Utilization



## NEXT STEPS

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SEPTEMBER 10, 2019 BOARD MEETING

### ENROLLMENT / CAPACITY

- ESTABLISH PLANNING NUMBER
- CONSIDER REALIGNMENTS

I

SEPTEMBER / OCTOBER B & G MEETINGS

### INFRASTRUCTURE

- COSTS FOR IMPROVEMENTS
- ADDRESS BUILDING SYSTEMS

P

SEPTEMBER / OCTOBER TIMEFRAME

### PROGRAM AND VISION

- IMPLEMENT ED PROGRAM
- FUTURE FOCUSED VISION

QUESTIONS?



CRABTREE, ROHRBAUGH & ASSOCIATES  
ARCHITECTS