



Demographic Long Range Planning Classroom Utilization Study August 28, 2018



Data Sources...

- Atlanta Regional Commission
- ArcGIS Desktop
- Georgia Department of Education
- Georgia Department of Public Health
- Georgia Department of Revenue
- Governor's Office of Planning and Budget
- Paulding County Government – Community Development
- Paulding County School District
- U. S. Census Bureau

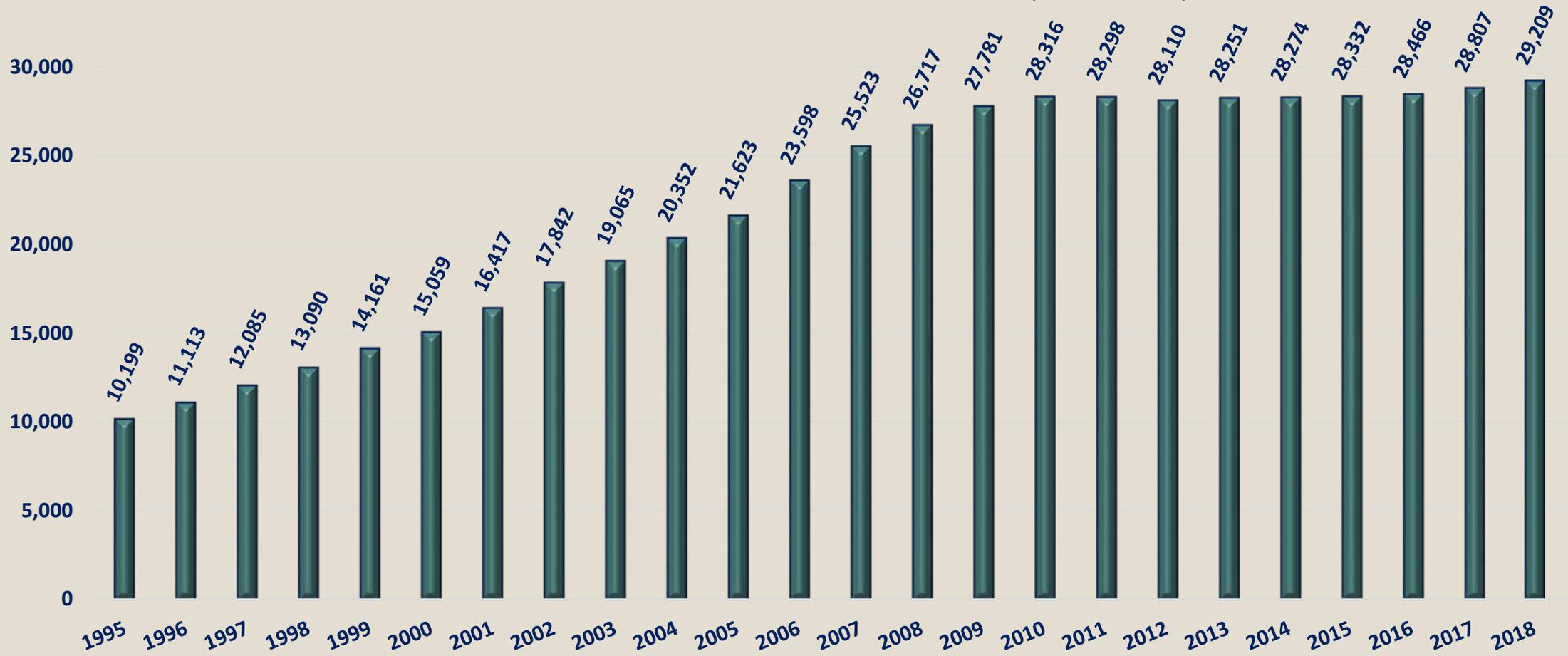


Our Study Evaluated:

- 1. Historical and projected enrollment - 1995 through 2028**
 - **Birth data**
 - **Building permits – number and location**
 - **Location of students within the district**
 - **Economic, geographic and community development factors**
- 2. School enrollment versus capacity analysis – current through 2028**
- 3. Classroom utilization, including specialized academic programs**
- 4. School feeder patterns**
- 5. Schools' ability to accommodate classroom additions**
- 6. Age of school buildings across the district**



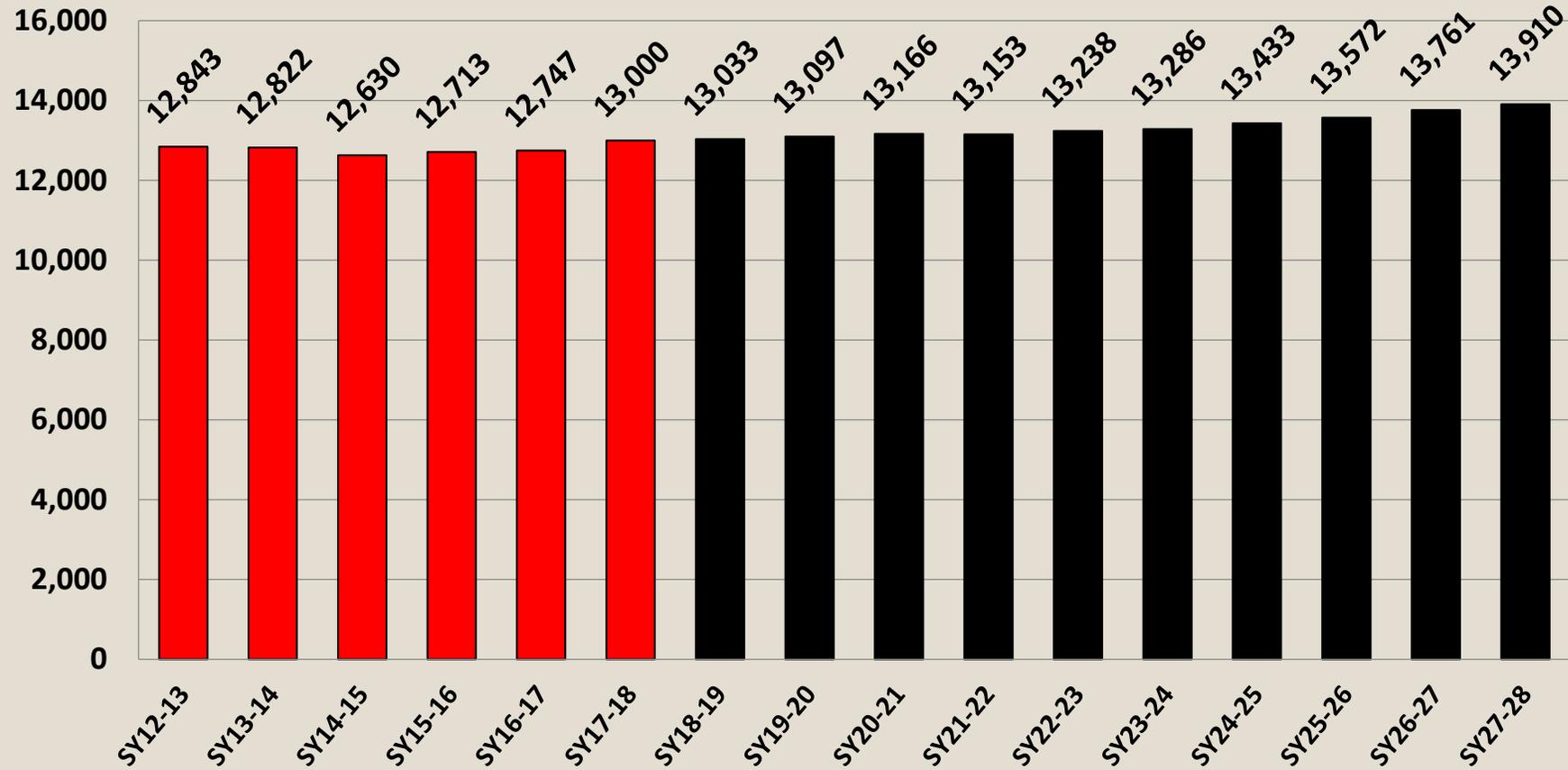
K-12 Enrollment Since 1995 (Pre-K not included)



Source: GA Department of Education

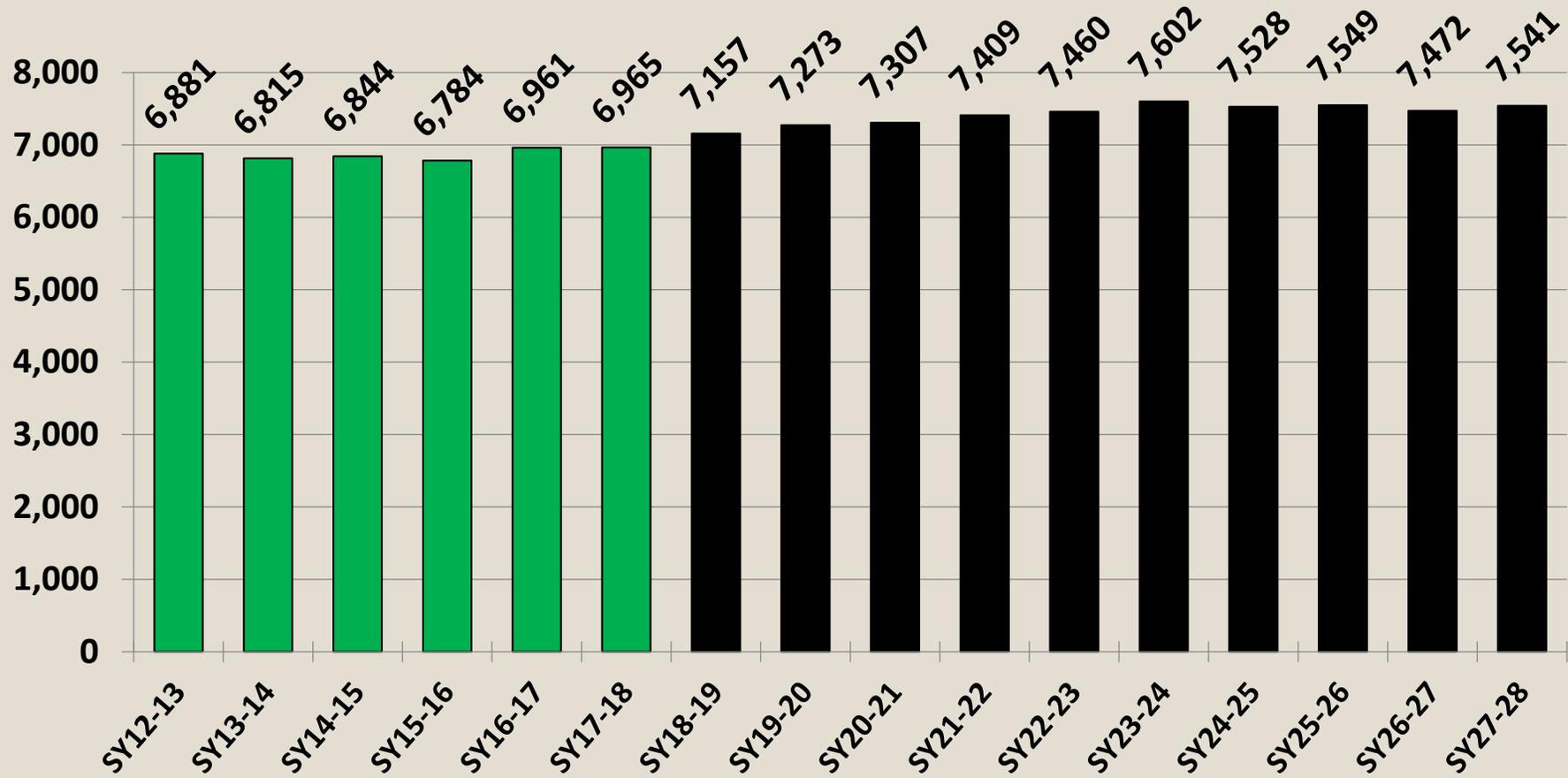


K-5 Historical & Projected



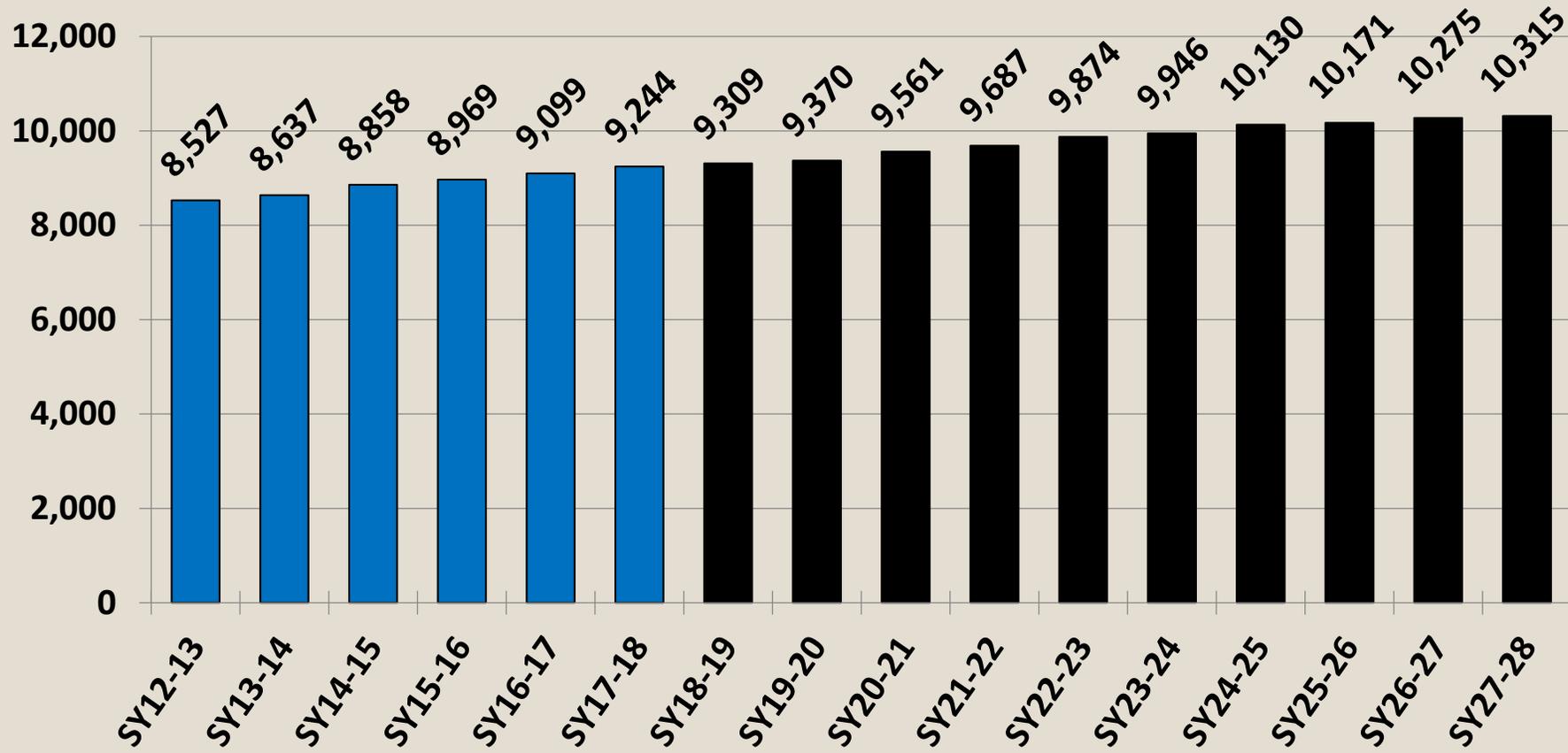


6-8 Historical & Projected



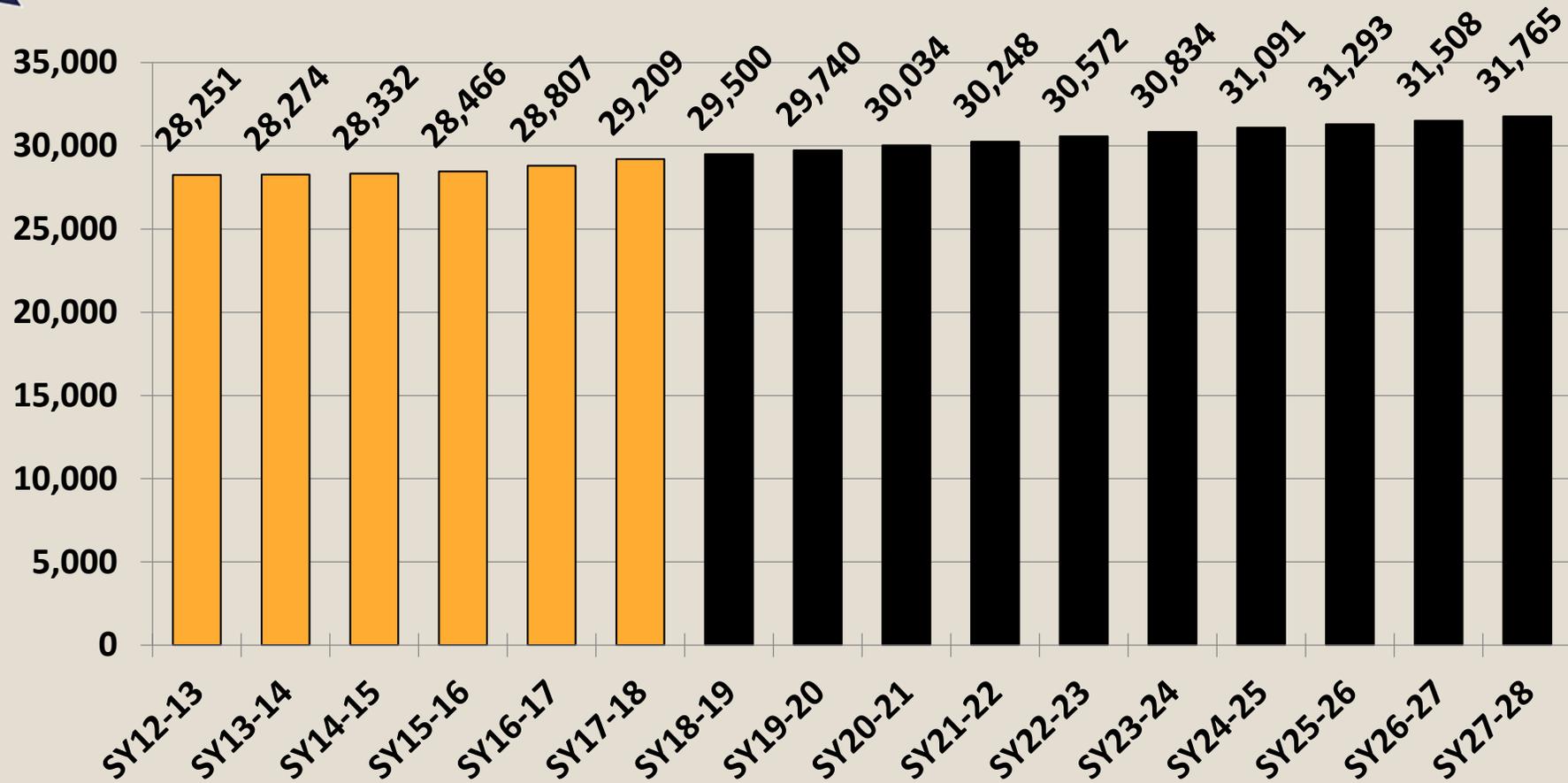


9-12 Historical & Projected





K-12 Historical & Projected





Enrollment Comparison 2012 - 2017

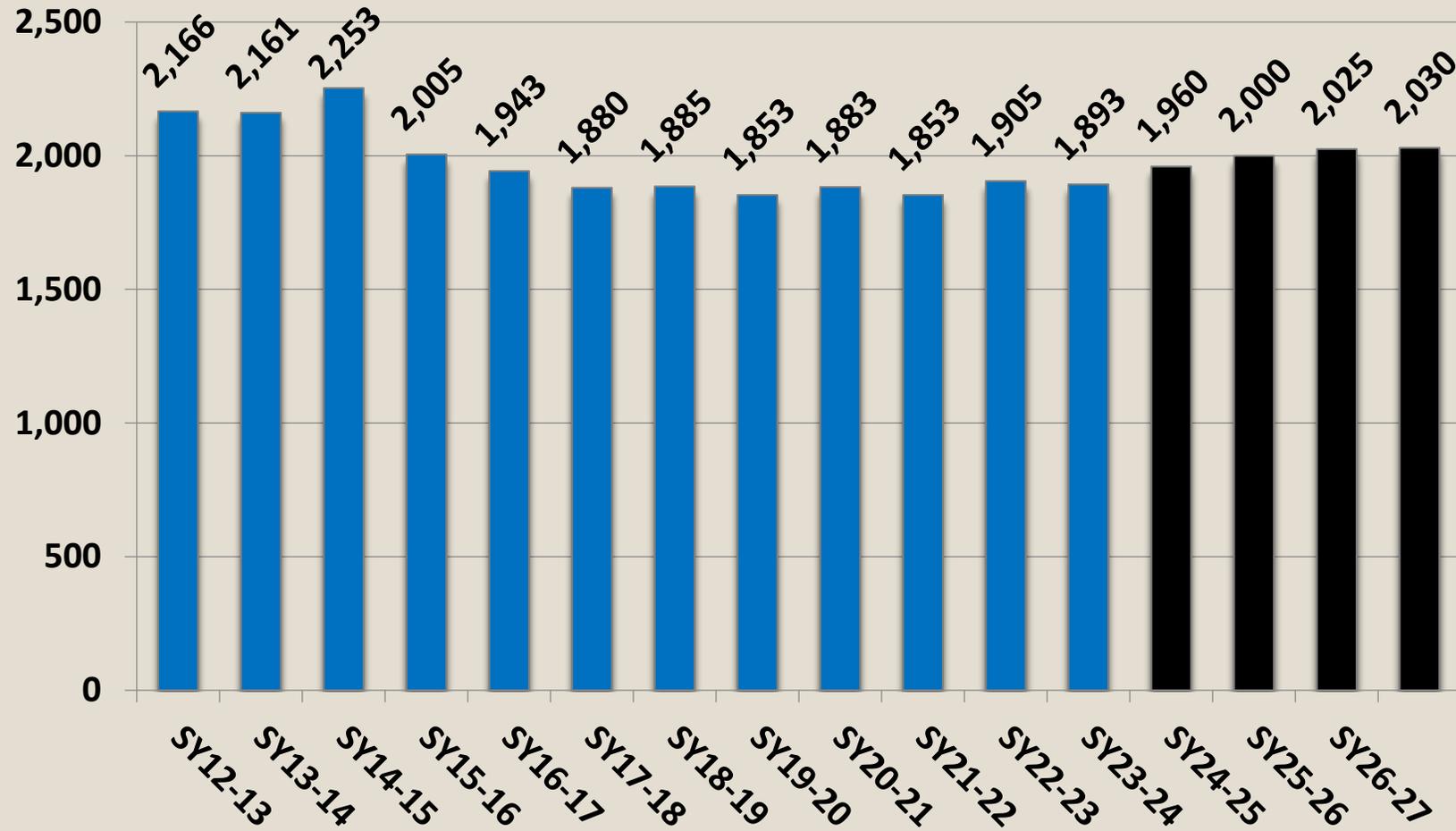
ORGANIZATION		2012-2013 Enrollment	2017-2018 Enrollment
Elementary	PK-5	13,000	13,216
Middle	6-8	6,881	6,965
High	9-12	8,527	9,244
TOTAL	PK-12	28,408	29,425

GRADES	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
2012-13	157	2,058	2,106	2,176	2,074	2,300	2,129	2,292	2,295	2,294	2,542	2,173	1,974	1,838	28,408
2017-18	216	2,006	2,067	2,184	2,166	2,249	2,328	2,336	2,326	2,303	2,693	2,313	2,213	2,025	29,425

Source: Georgia Department of Education



Live Births based on year student enters 1st Grade



Source: Georgia Department of Public Health



Population Trends

Paulding Residential Population by Age: 2017

0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	TOTAL
20,048	26,485	19,127	20,964	26,691	22,265	14,088	7,808	2,883	160,359

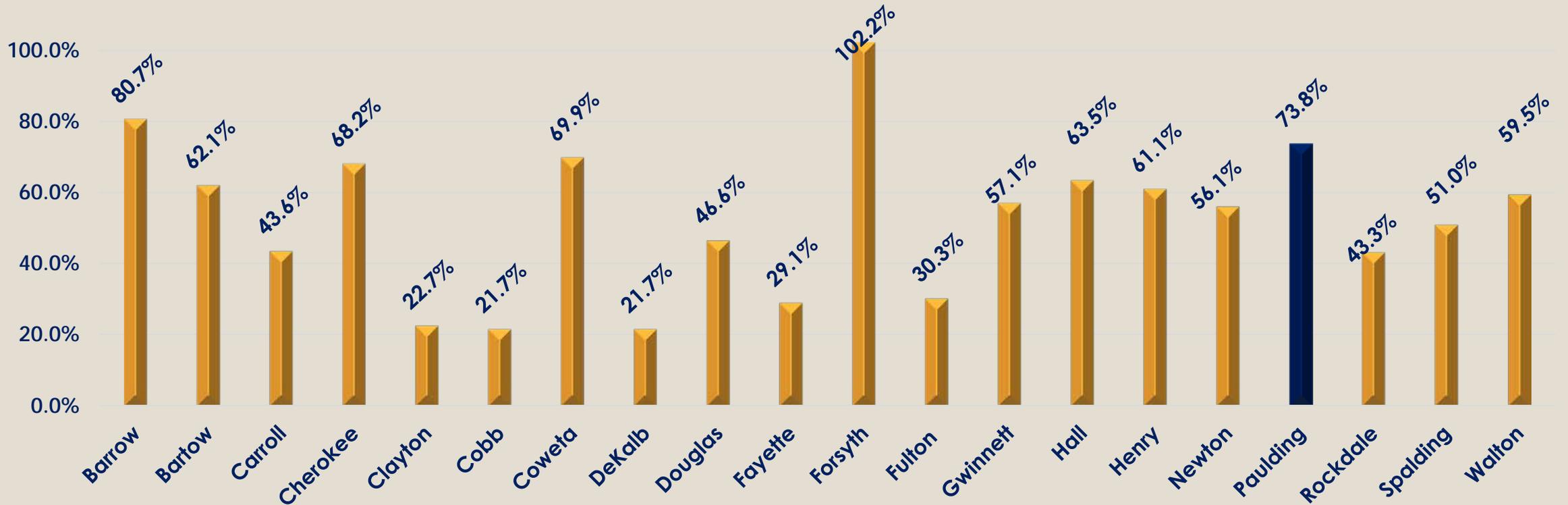
Paulding Residential Population by Age: 2025

0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	TOTAL
18,889	28,341	24,278	22,709	28,242	28,775	21,241	11,993	5,078	189,546



Increase in Paulding Population 2015-2040

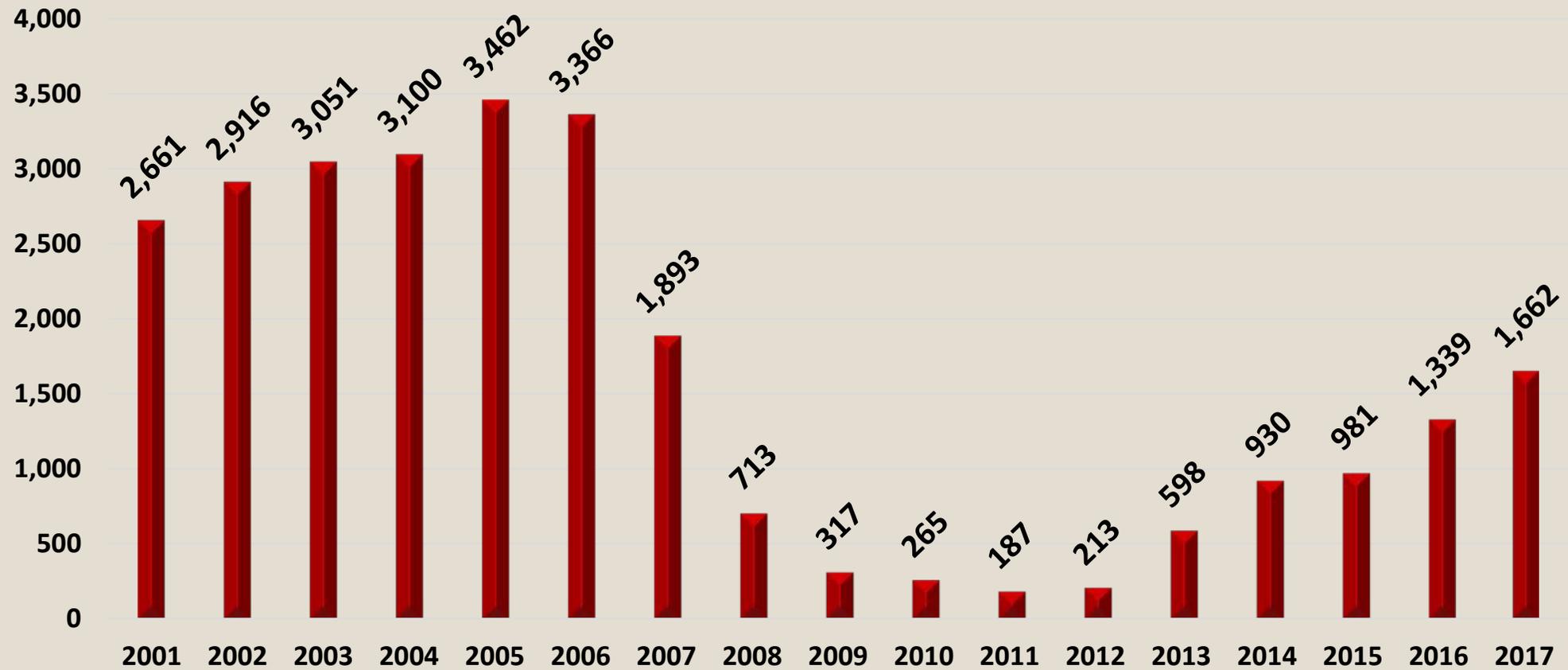
2015 149,382
2040 259,578



Source: Atlanta Regional Commission



Paulding Census Bureau Residential Building Permits (2001-2017)

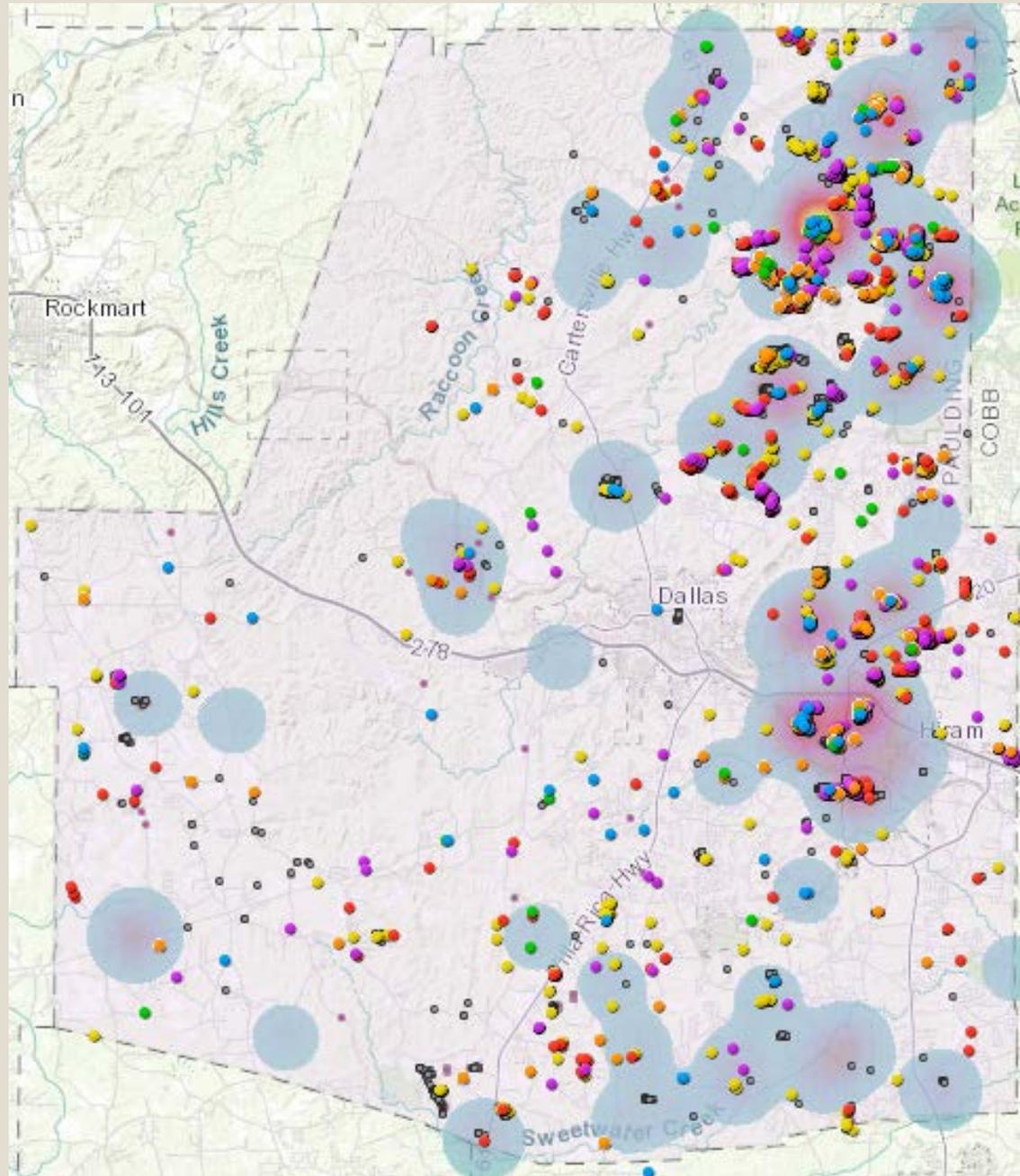


Source: U.S. Census Bureau

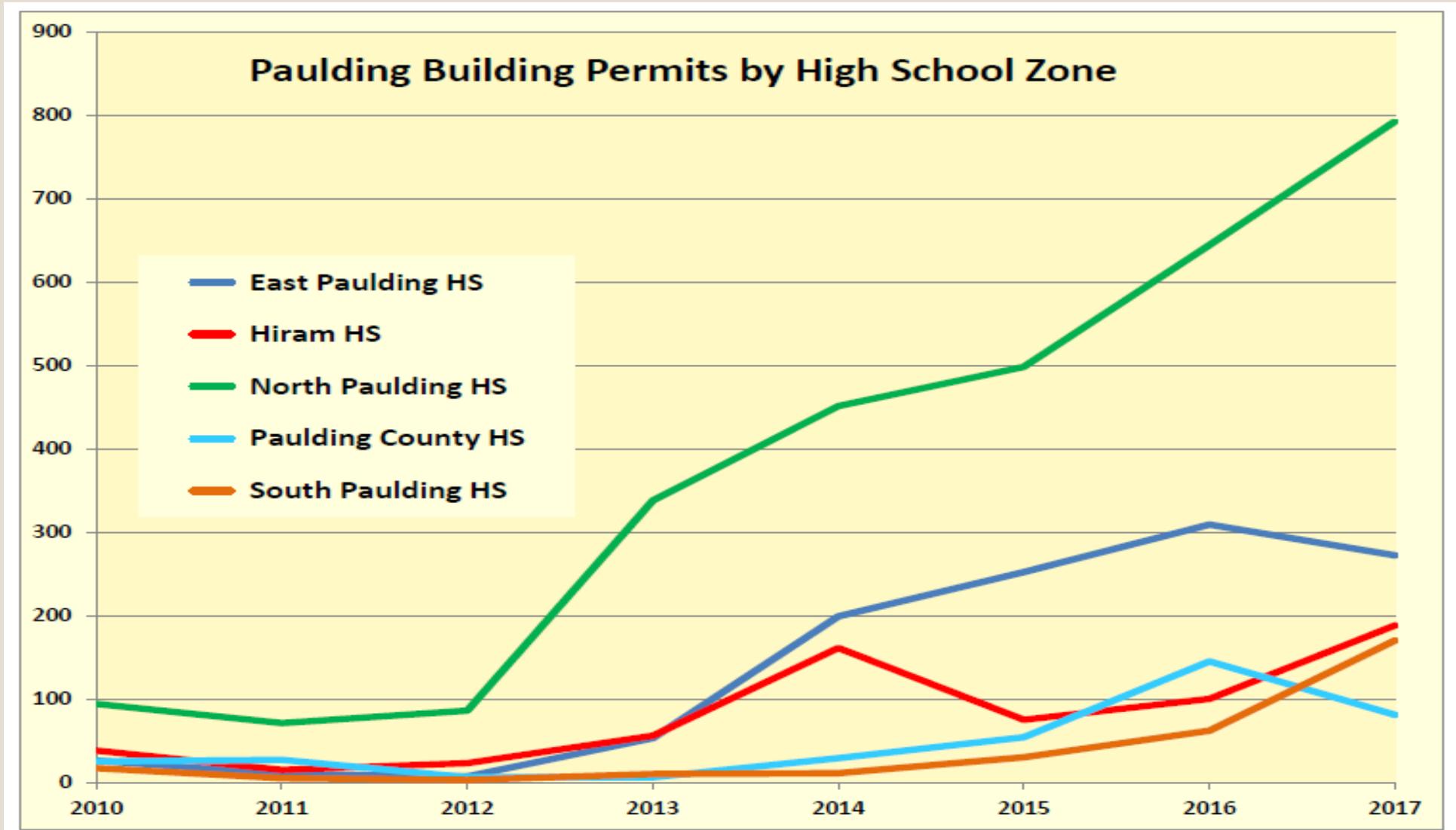


LEGEND

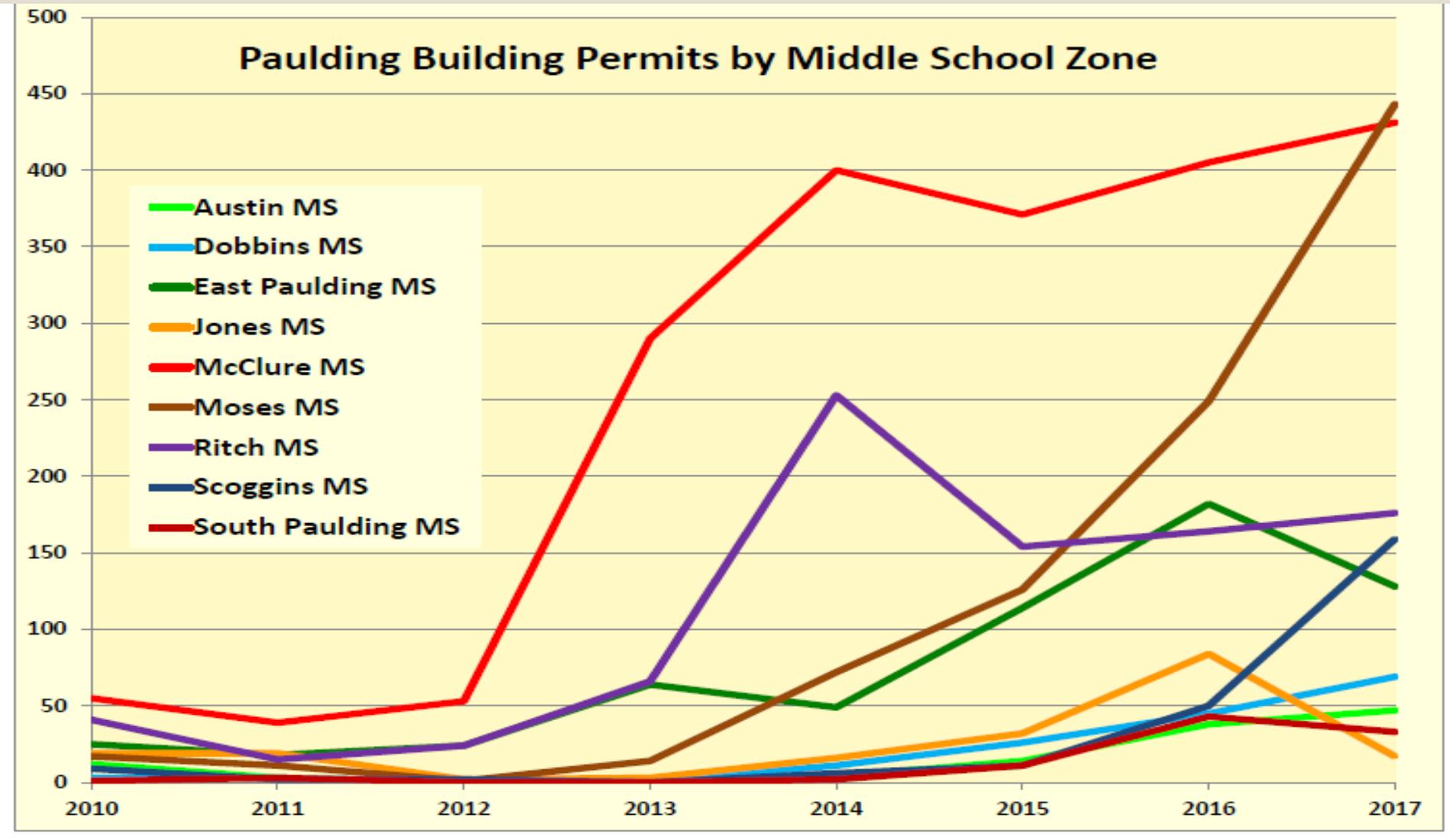
2010	●
2011	●
2012	●
2013	●
2014	●
2015	●
2016	●
2017	○
2018	●



Building Permit Locations



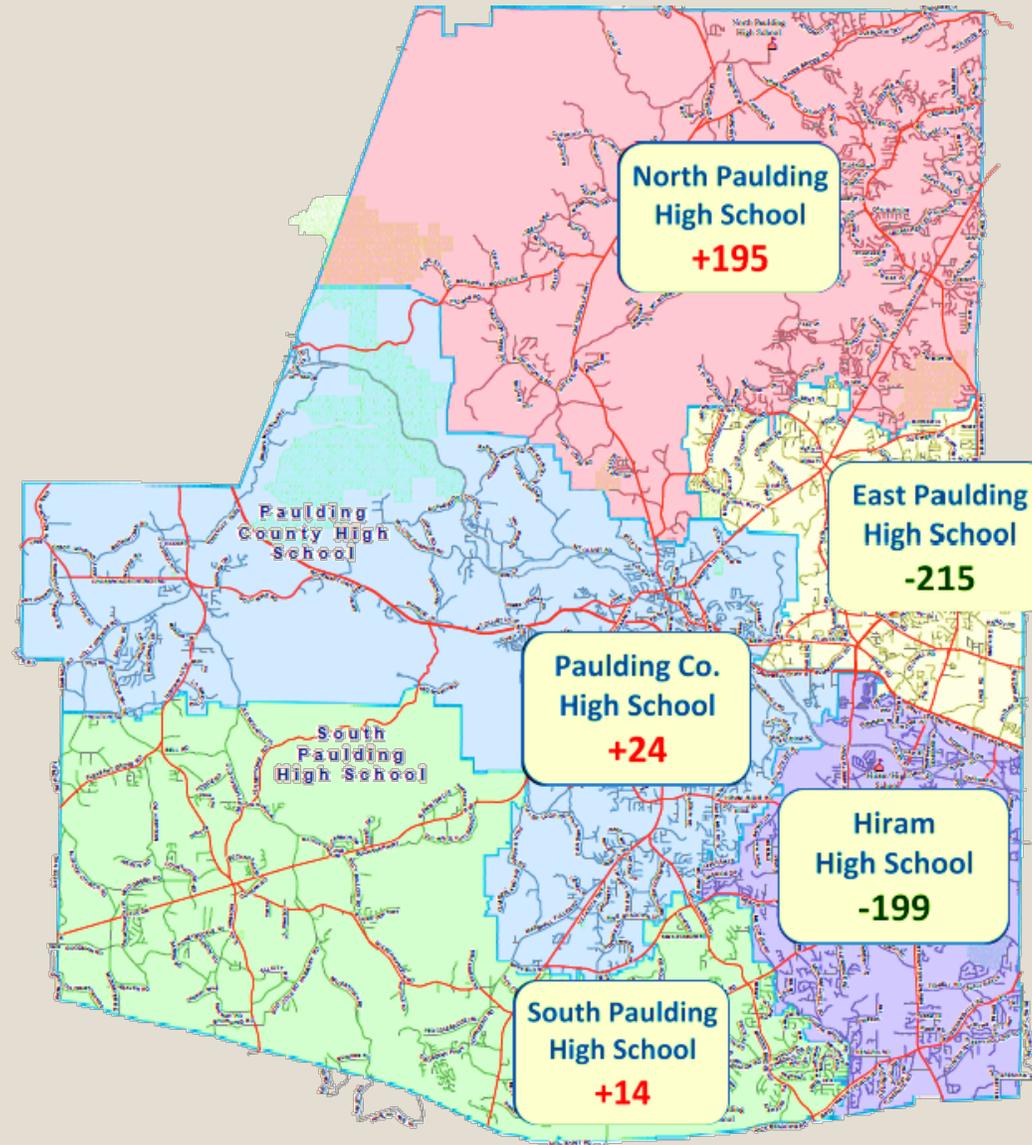
Source: Paulding Community Development



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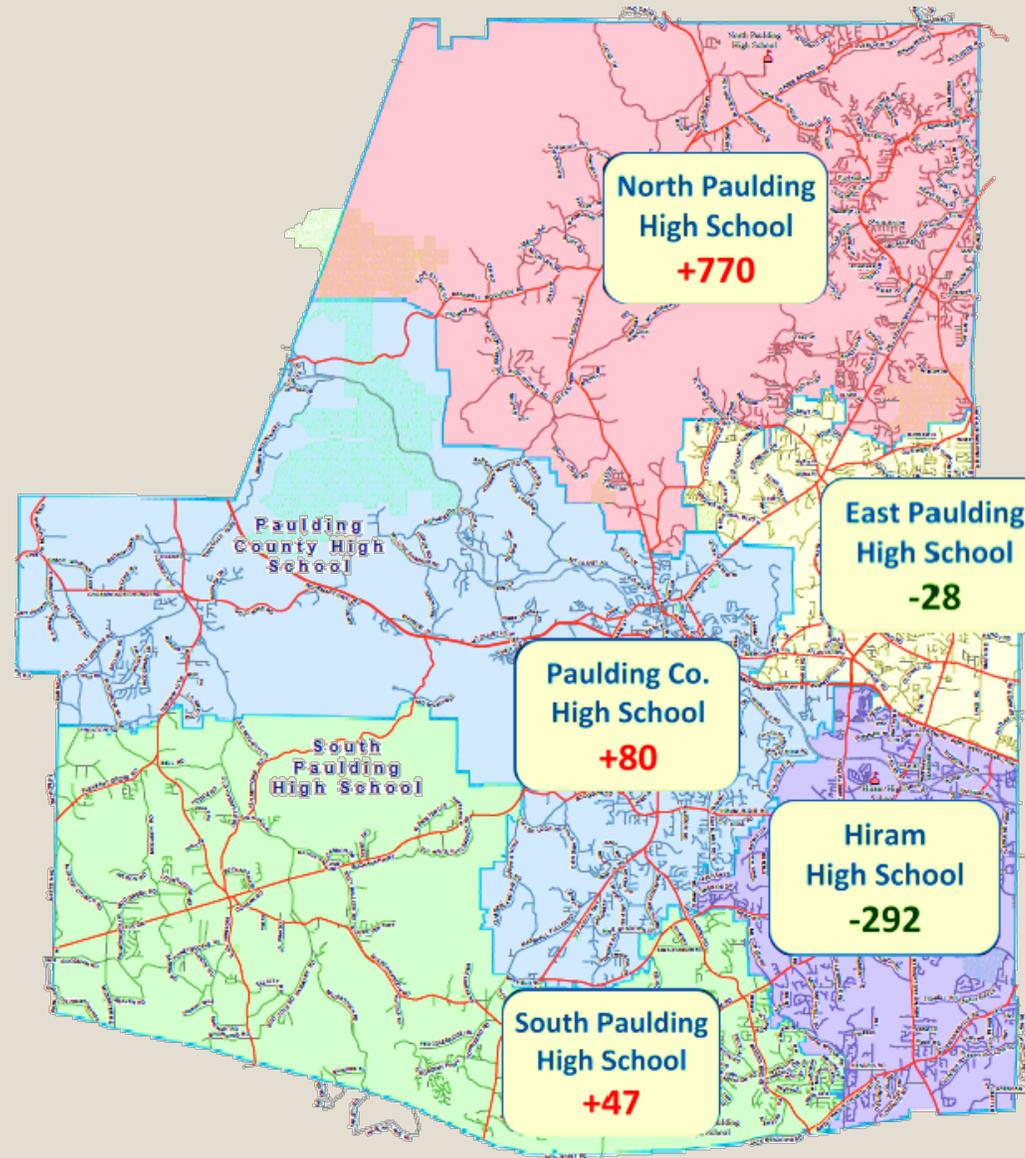


High School Enrollment vs. Capacity 2017-18



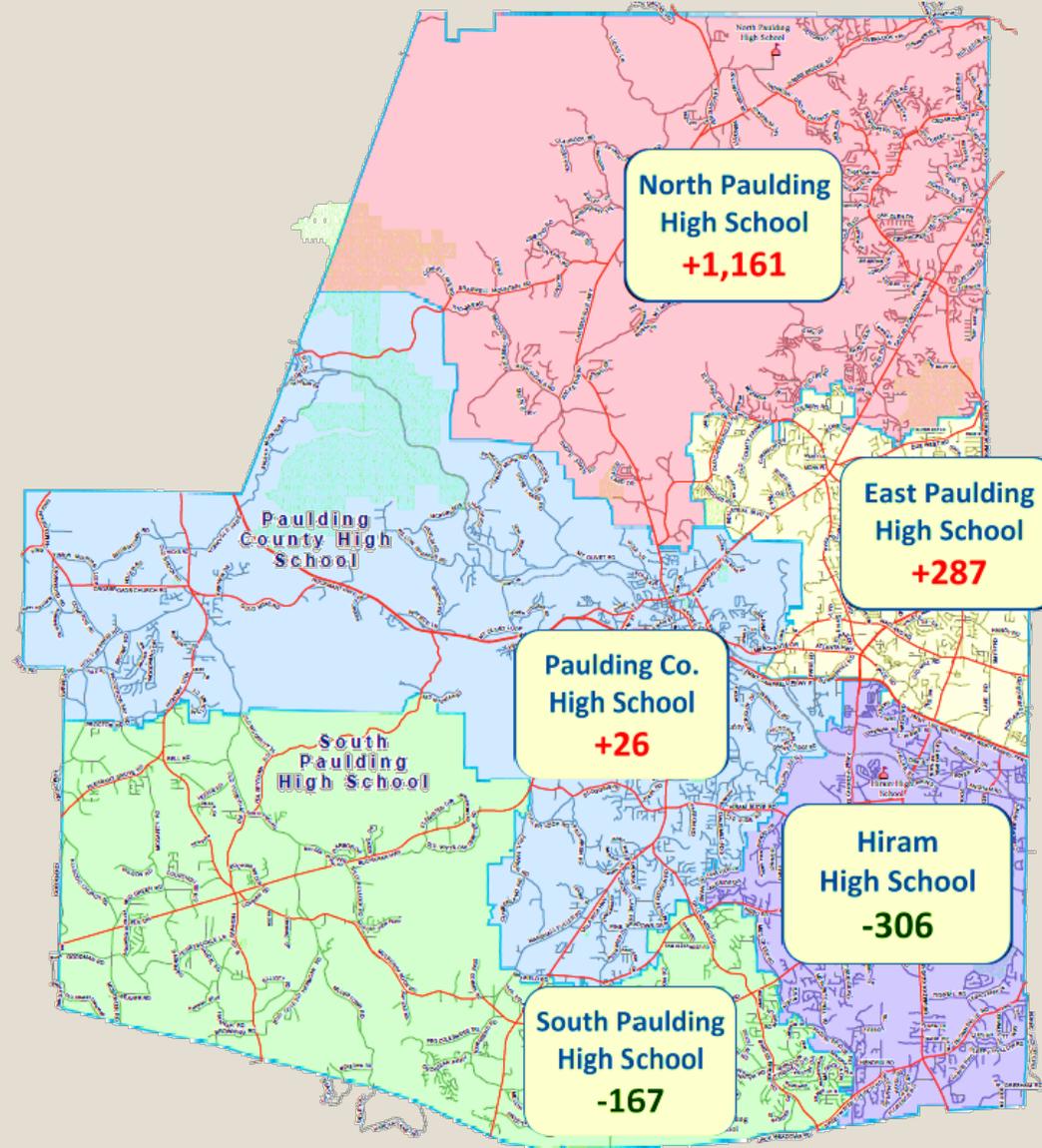


High School Enrollment vs. Capacity 2022-23



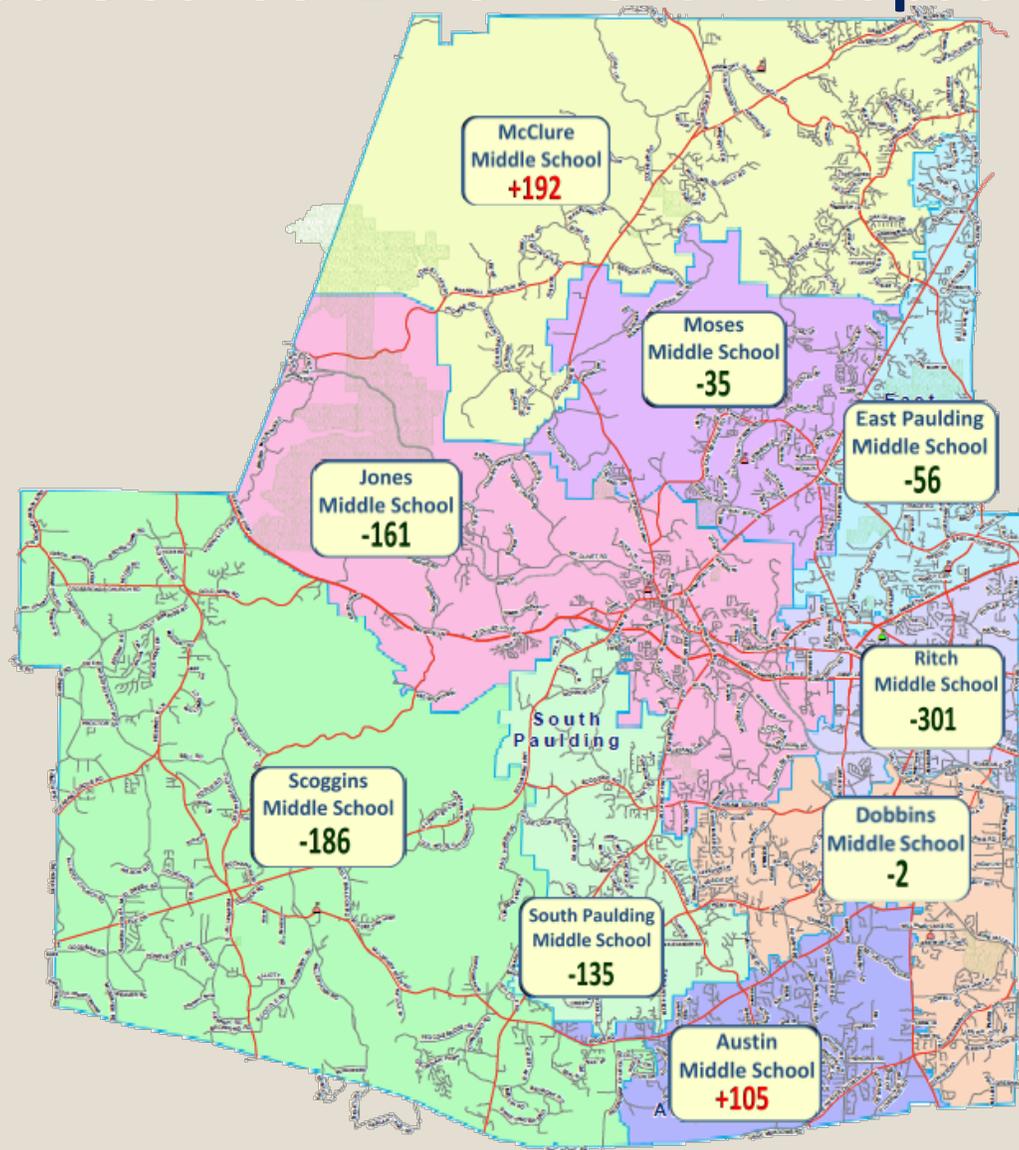


High School Enrollment vs. Capacity 2027-28



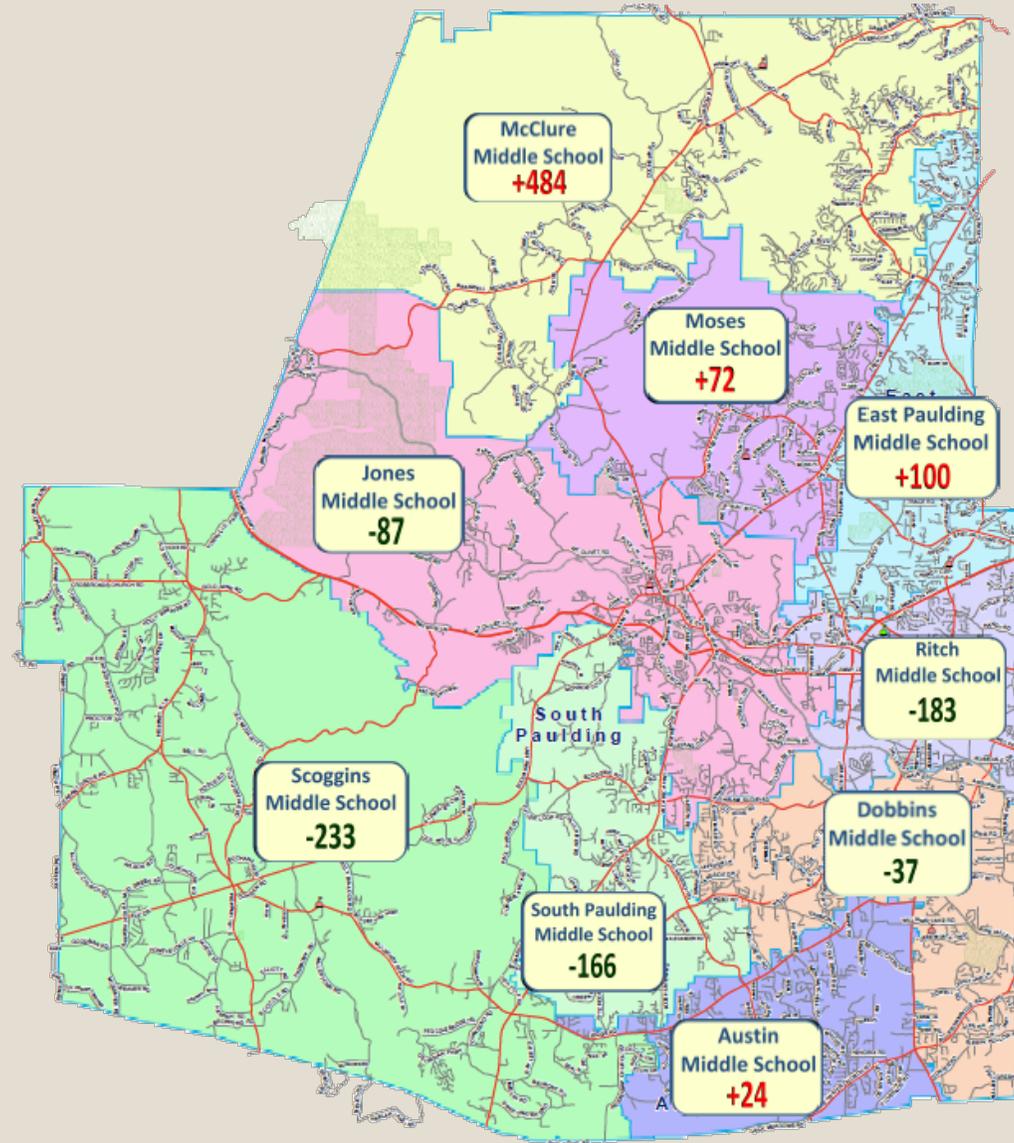


Middle School Enrollment vs. Capacity 2017-18



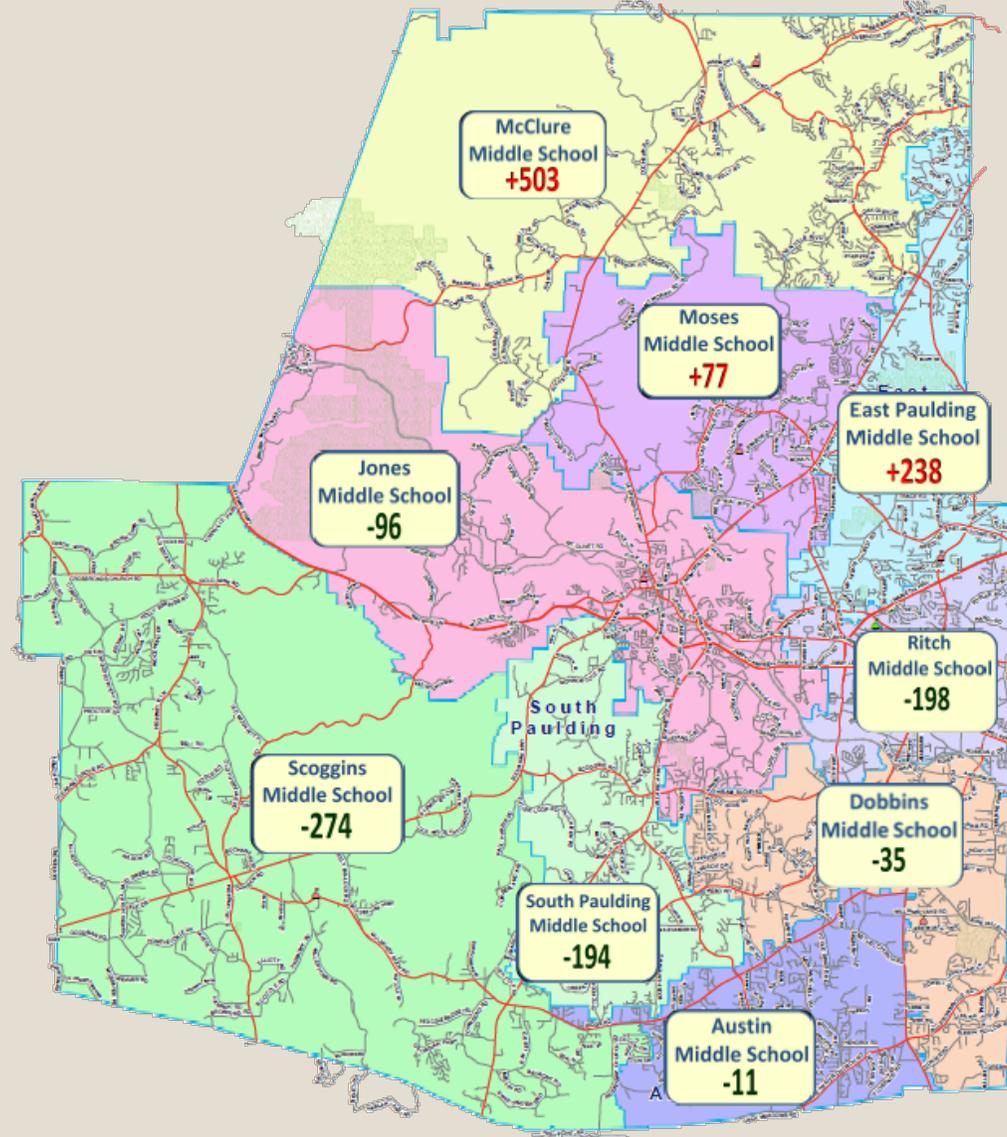


Middle School Enrollment vs. Capacity 2022-23



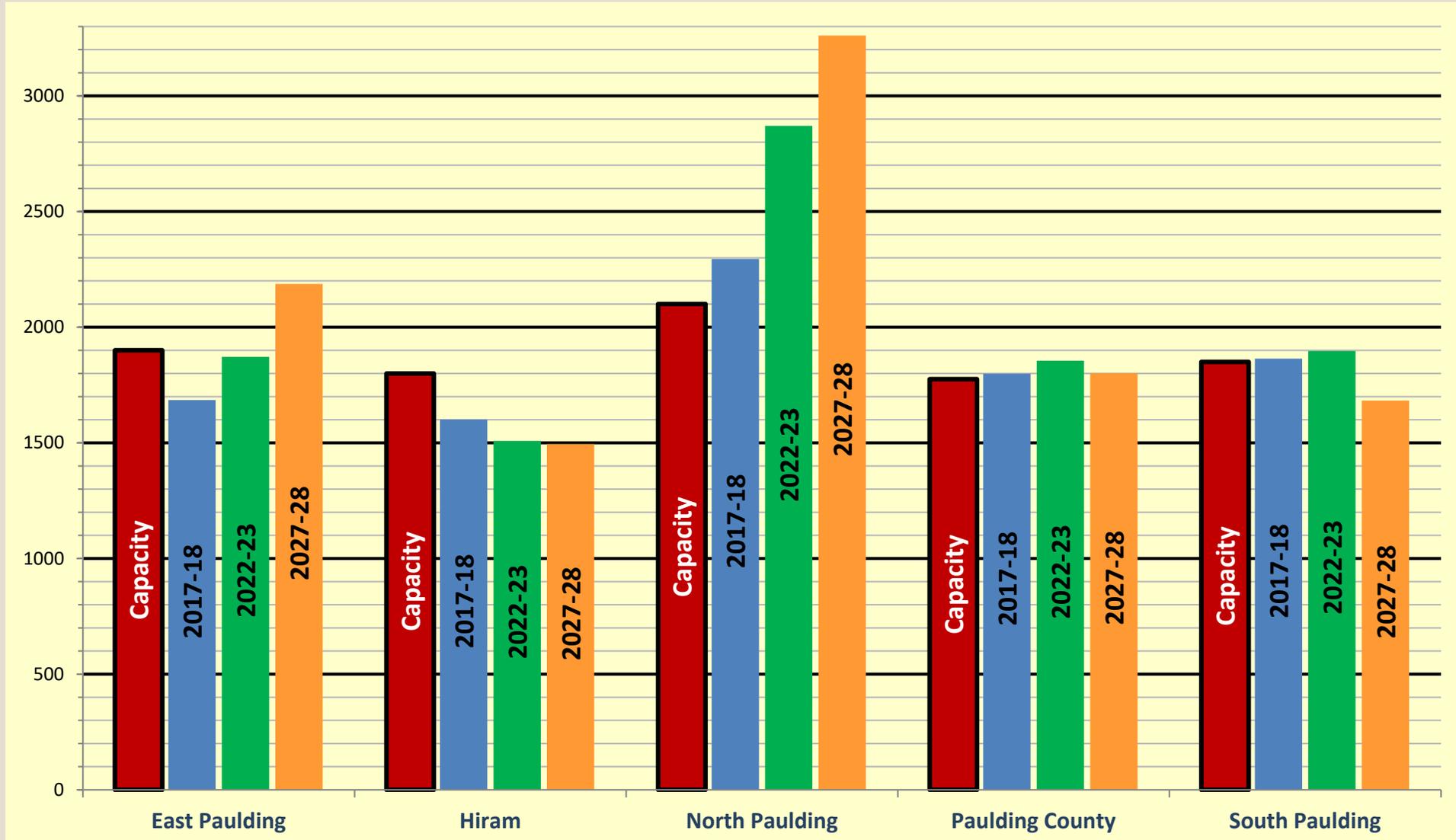


Middle School Enrollment vs. Capacity 2027-28



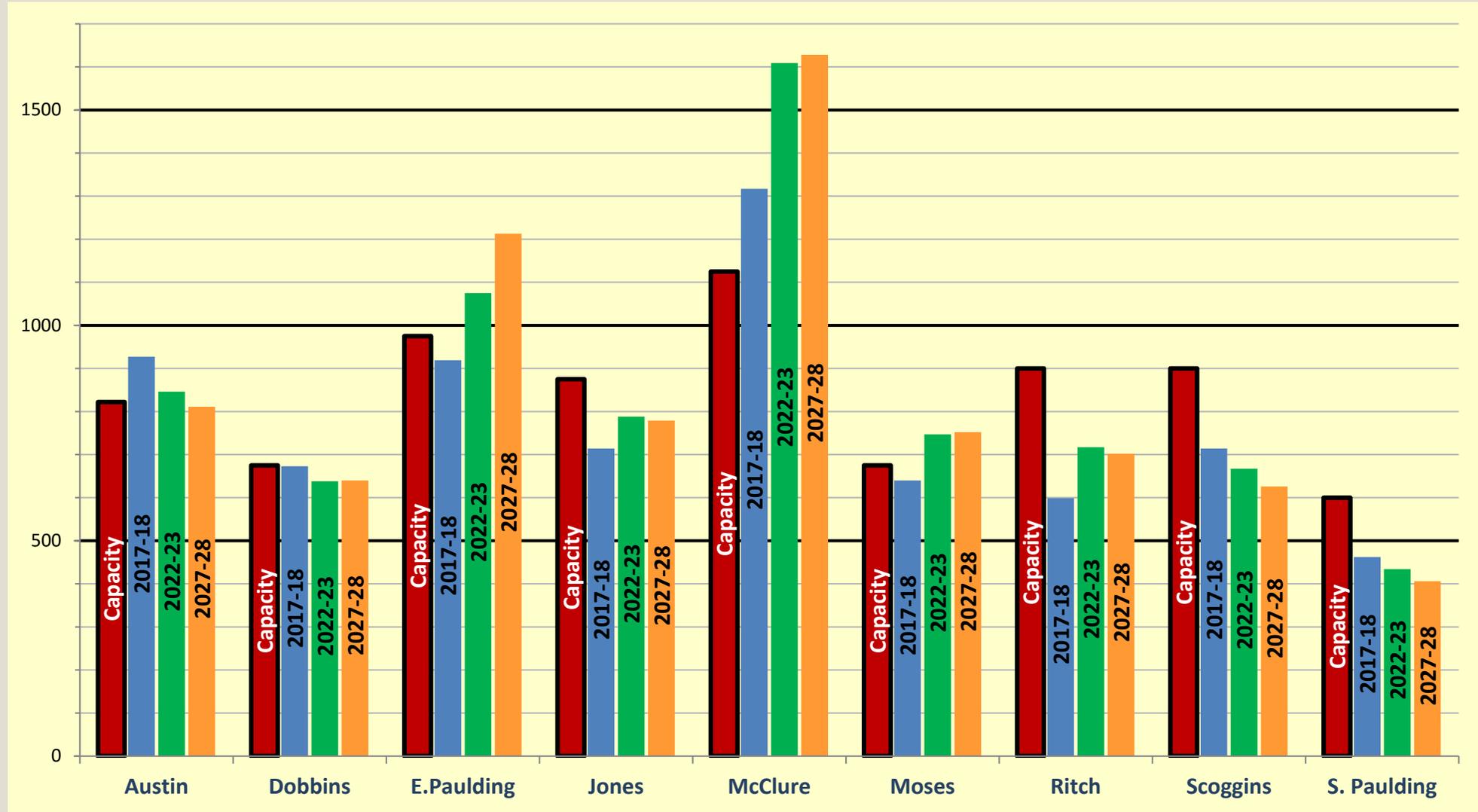


High School Capacity vs. Projected Enrollment



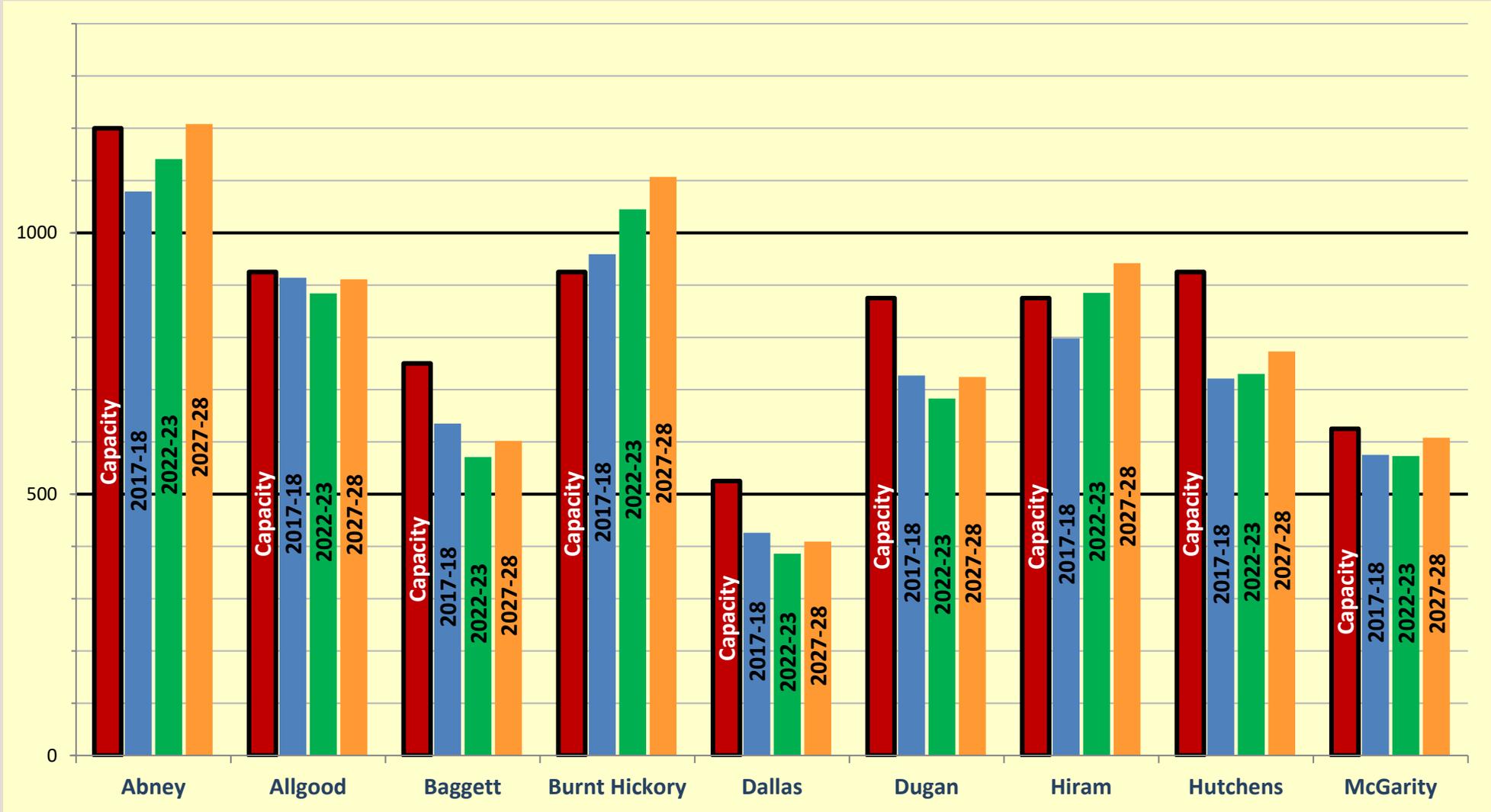


Middle School Capacity vs. Projected Enrollment



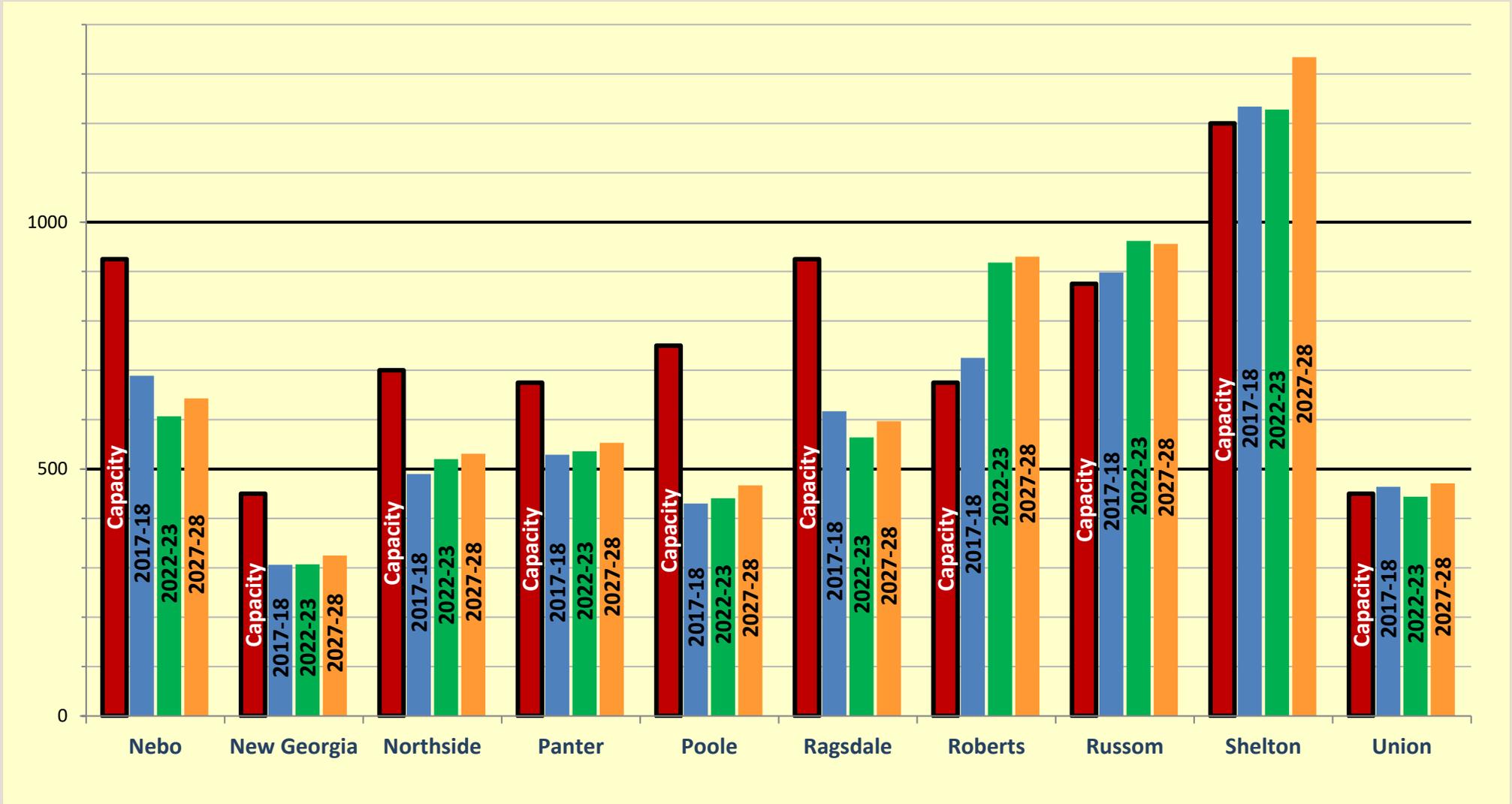


Elementary School Capacity vs. Projected Enrollment



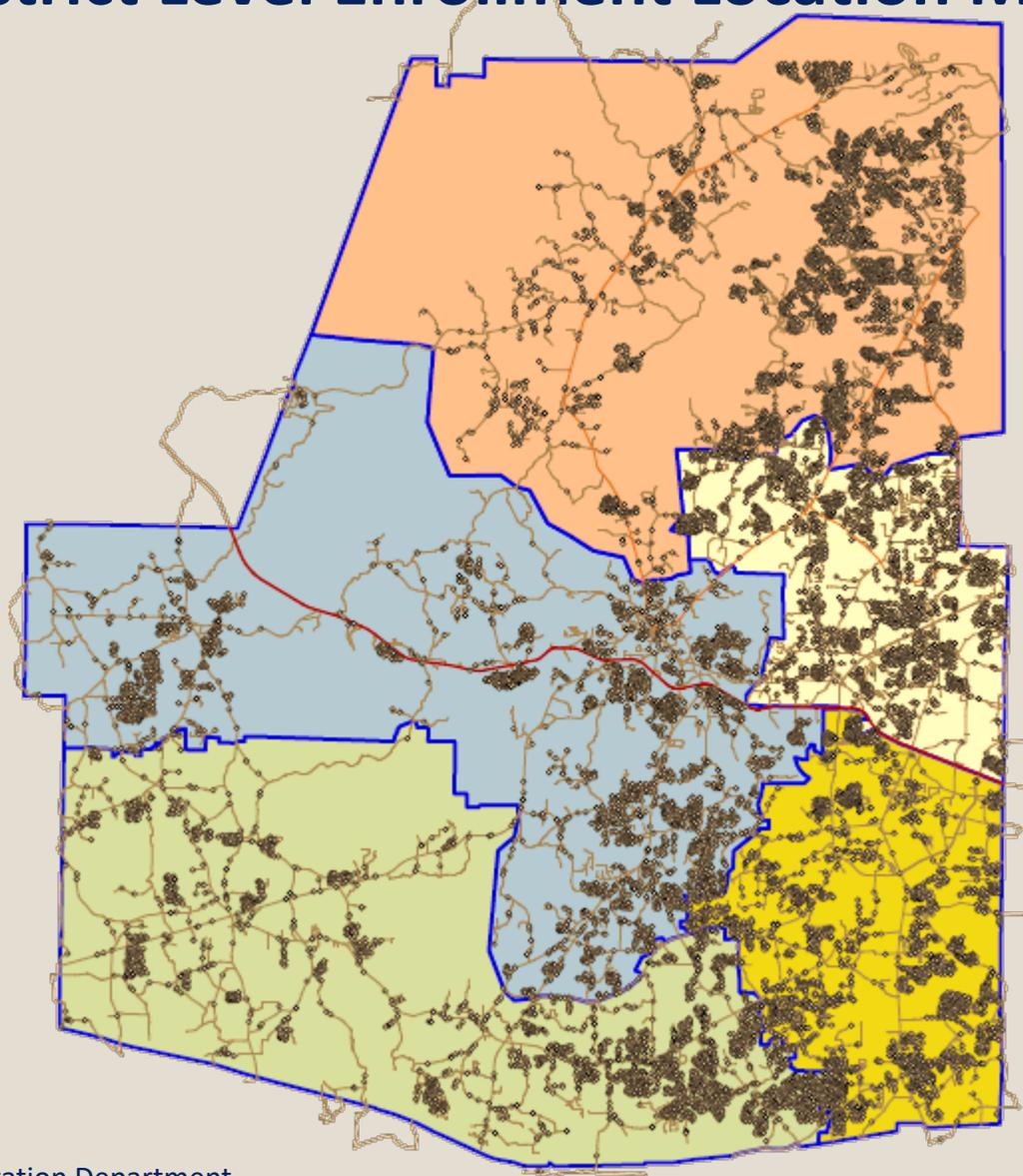


Elementary School Capacity vs. Projected Enrollment





District Level Enrollment Location Map



Source: Paulding County School District Transportation Department

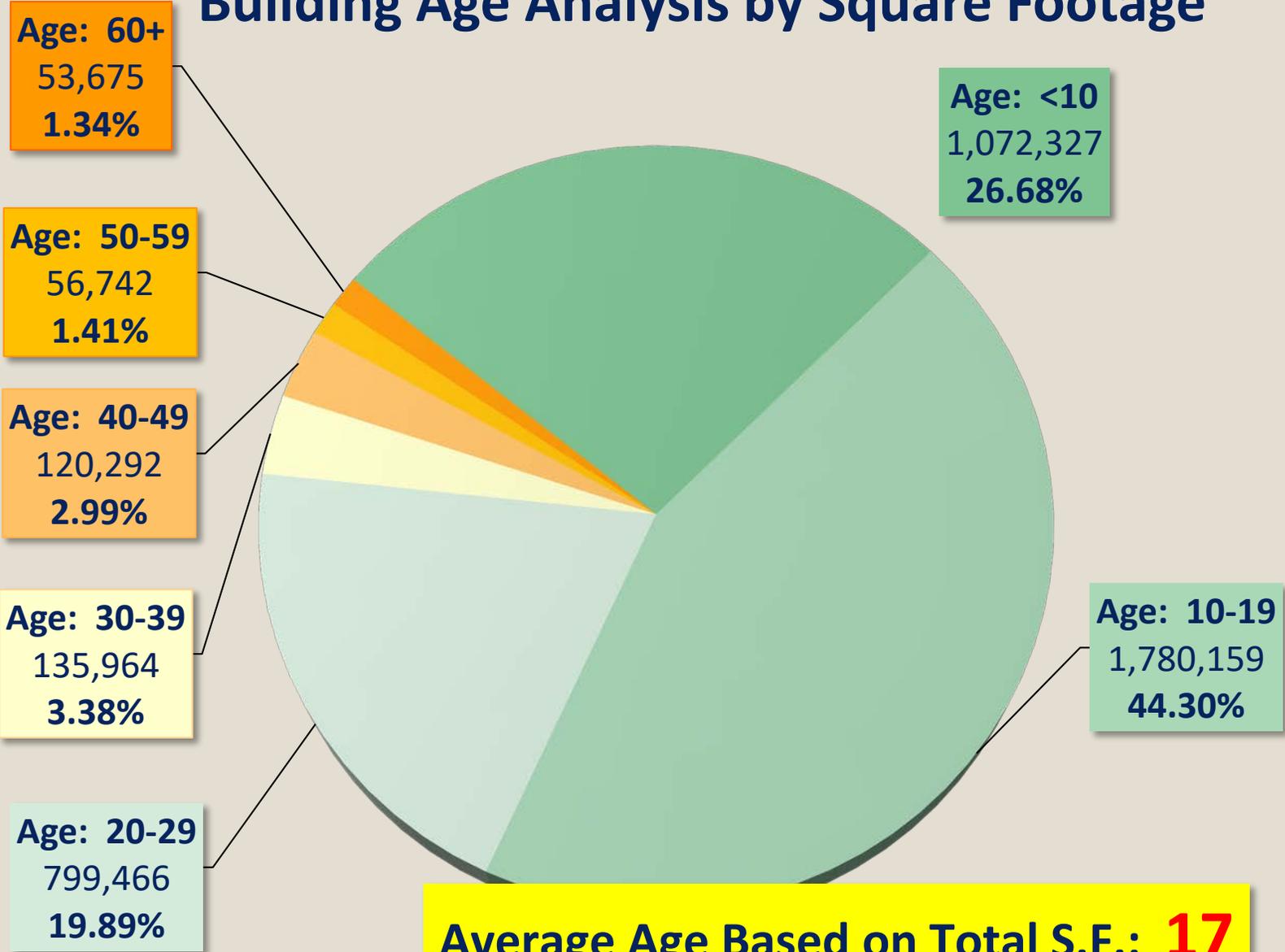


Review of School Sites Ability To Accommodate Classroom Additions

- 1. Reviewed schools' ability to accommodate classroom additions within the existing campus**
- 2. Reviewed core spaces' (media center, cafeteria, and kitchen) ability to accommodate enrollment increase**
- 3. Examined the maximum feasible capacity increase**
- 4. Examines what is possible, not necessarily recommended**



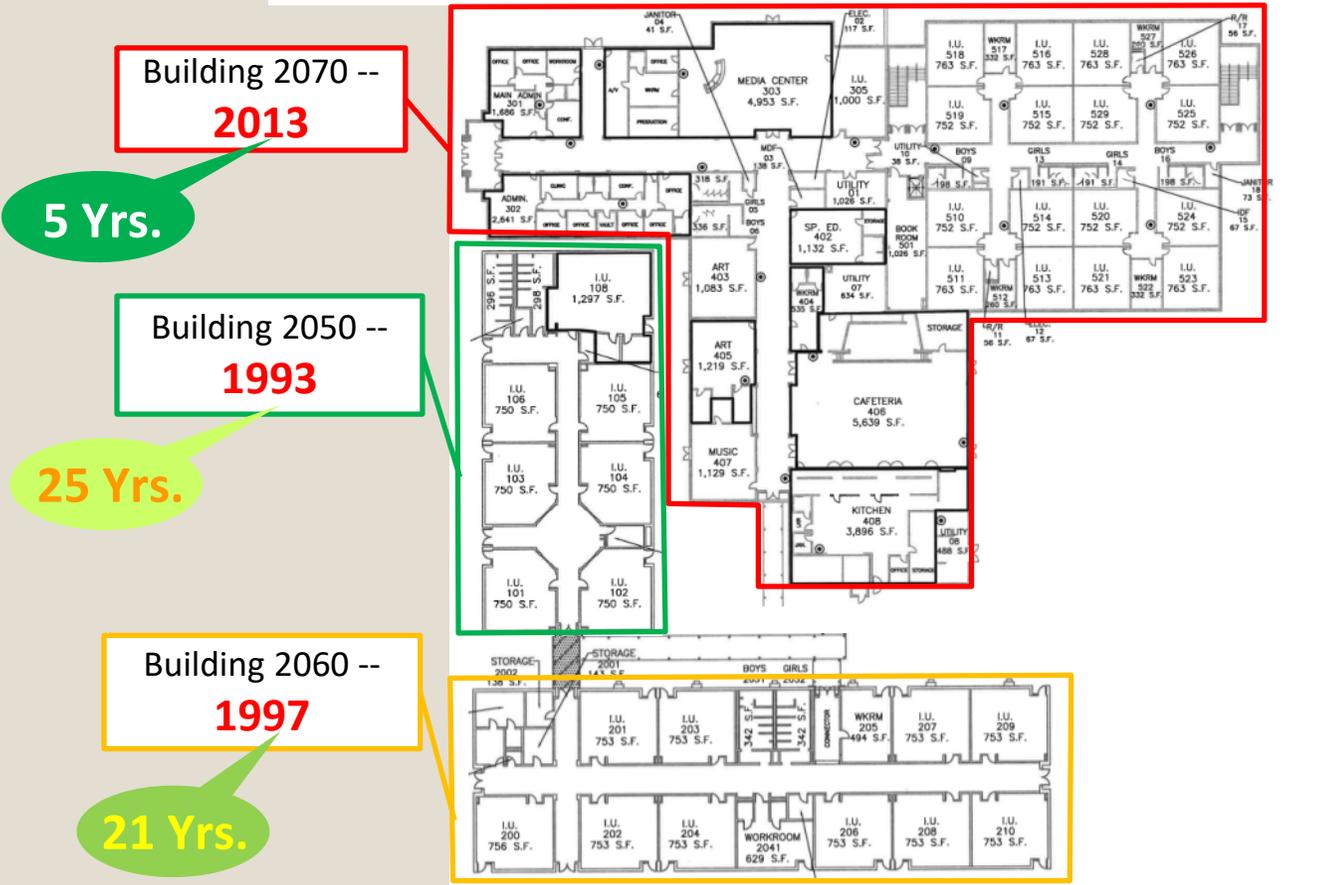
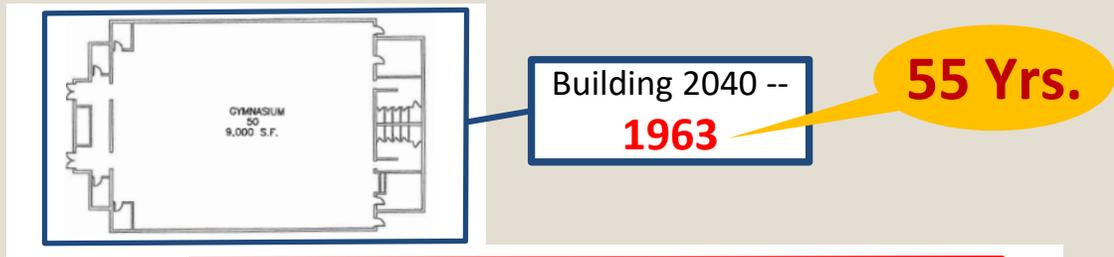
Building Age Analysis by Square Footage



Average Age Based on Total S.F.: 17



Building Age Analysis Within a Campus



Hiram Elementary School



Feeder Patterns

HS	MS	%	ES	%	HS	MS	%	ES	%
E. Paulding	E. Paulding	44%	Abney McGarity Roberts Russom	21% 30% 100%	Paulding Co.	Dobbins	49%	Baggett Hiram Hutchens Panter	47% 29% 47% 100%
	Moses	56%	Abney Northside	16% 61%		Jones	100%	Allgood Dallas Northside Poole	49% 46% 39% 100%
	Ritch	59%	Dallas Hiram McGarity	54% 71% 70%		Scoggins	39%	New Georgia Ragsdale Union	100% 100% 100%
Austin	40%	Baggett Dugan Hutchens Nebo	53% 100% 53% 35%	S. Paulding		39%	Allgood Nebo	51% 65%	
Hiram	Dobbins	51%	Baggett Hiram Hutchens Panter	47% 29% 47% 100%	S. Paulding	Austin	60%	Baggett Dugan Hutchens Nebo	53% 100% 53% 35%
	Ritch	41%	Dallas Hiram McGarity	54% 71% 70%		Scoggins	61%	New Georgia Ragsdale Union	100% 100% 100%
N. Paulding	E. Paulding	44%	Abney McGarity Roberts Russom	21% 30% 100% 56%			S. Paulding	61%	Allgood Nebo
	McClure	100%	Abney Burnt Hickory Russom Shelton	16% 100% 44% 100%					
	Moses	44%	Abney Northside	63% 61%					



ESEP Department Program Location



Programs

- | | | |
|-------------------------------|-------|---------|
| Autism | IRR | MOID |
| Cross-Categorical Small Group | LEAP | Pre-K |
| EBD (S/C) | MID | SID/PID |
| GNETS | MI/MO | |



CLASSROOM UTILIZATION STUDY

Parents naturally seek good educational environments for their children. Parents search for *livable communities throughout Paulding*, knowing that *specialized academic programming* is available in all sections of Paulding meeting the educational needs of their child and their family.

Abilities to consider...

Livable Communities Throughout Paulding

Movability
Mobility
Walkability

Factors to consider....

Specialized Academic Programming

College and Career
Virtual Academy
Academic Recovery
Magnet Academy
STEM Certification & Labs
Post Secondary and Dual Enrollment



EXECUTIVE SUMMARY

- The recent trend of declining live births is just now affecting elementary grades. Birth trends do not have an impact on enrollment until five and six years later.
- Despite the live birth downtrend that will move through schools, the five-year and 10-year projections for enrollment are strong, with a projected increase of more than 3,000 students in the next 10 years.
- The ARC indicates that Paulding County will grow, by percentage, faster than all other counties in the 20-county metro service area (except for Forsyth and Barrow), during the years 2015-2040.
- The Governor's Office of Planning and Budget, the US Census, and the ARC all show strong residential population growth.
- Residential building permits have trended upward since the economy showed signs of improving beginning in 2013. In 2012, Paulding government issued 213 residential building permits. In 2017, Paulding government issued 1,635 permits with even stronger permitting in 2018. Signs of economic recovery continue to be positive.
- Demographic forecasting, along with studying classroom utilization, positions the school district to address the housing needs of students.



EXECUTIVE SUMMARY

- High schools and middle schools have been identified as focus priorities.
- Due to rapid growth, the northeastern part of the county has been identified as a focus priority.
- Three primary tools to address school capacity needs:
 - Building new schools;
 - Classroom additions;
 - Adjusting attendance zones.
- Continue to evaluate and address needs of aging facilities.
- The district should consider the strategic placement of curricular solutions (magnet programs) at specific schools.
- The district should solicit public input and engage the community in developing proposed options to address capacity needs.
- The scope of needs that can be met will be limited by funds generated by SPLOST, if approved.