



ENROLLMENT FORECASTING
AND FALL 2019 REDISTRICTING
IN THE DUNWOODY CLUSTER

PGCS DUNWOODY MEETING

FEBRUARY 20, 2019

AGENDA

Enrollment Forecasting Process

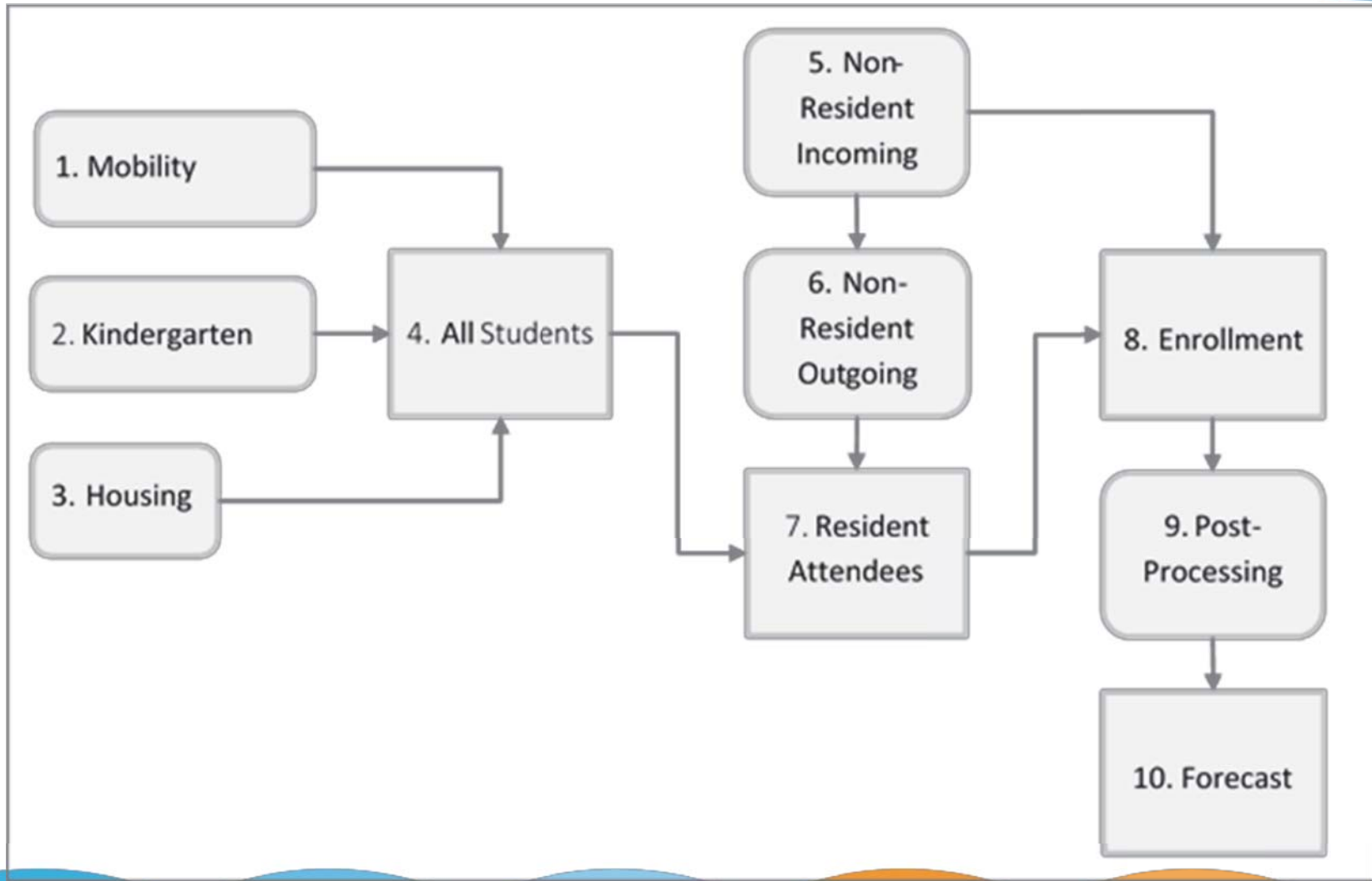
Dunwoody Cluster Enrollment Forecast

Fall 2019 Redistricting Overview

Questions?



ENROLLMENT FORECASTING PROCESS



1. MOBILITY (SURVIVAL) RATES

A *mobility or survival rate* is based on the ratio of students in a grade to students in the previous year and previous grade.

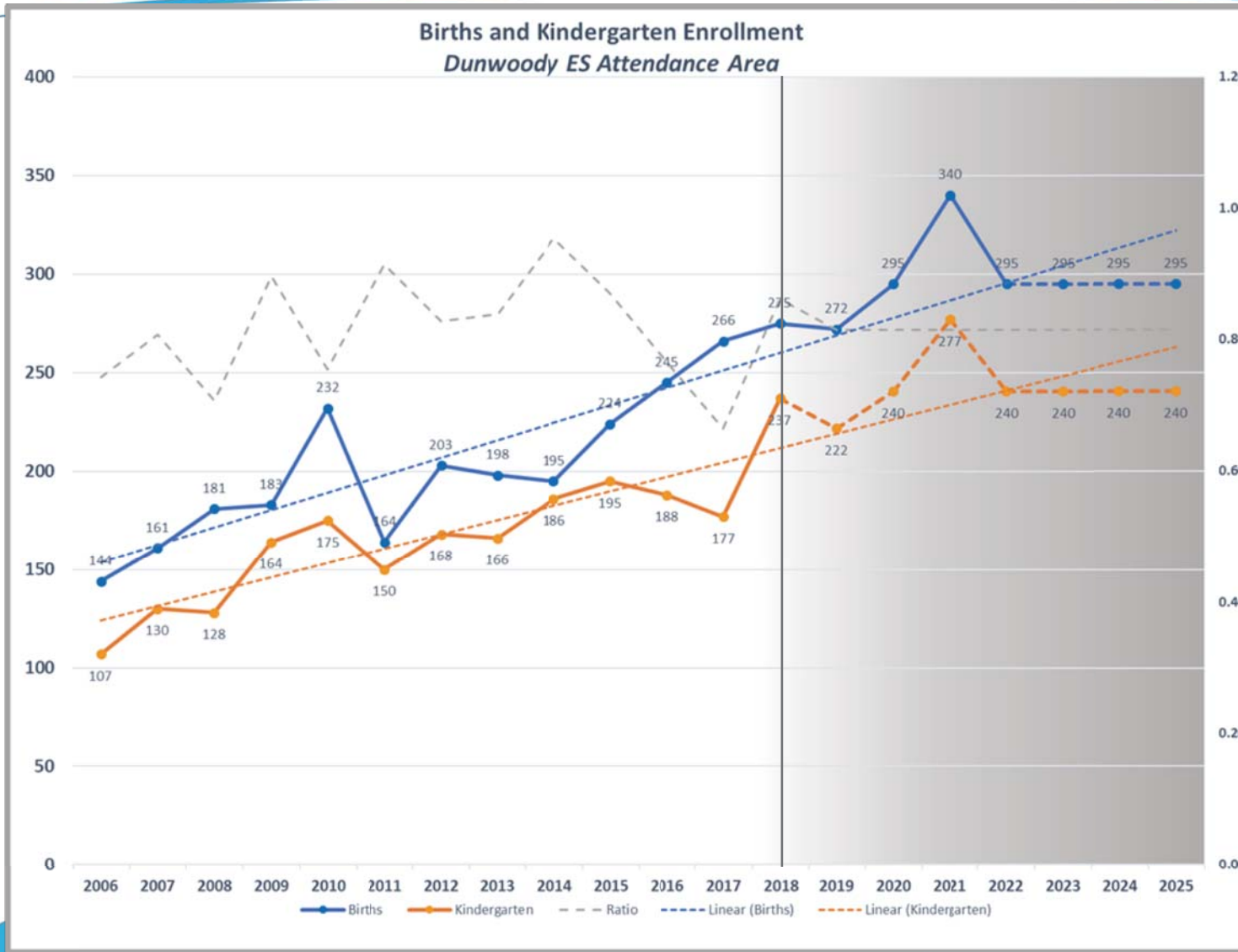
Here is an example of a Mobility Rate Table (Dunwoody ES):

		Grade Transition											
		K_1	1_2	2_3	3_4	4_5	5_6	6_7	7_8	8_9	9_10	10_11	11_12
School Year Transition	11_12	1.06	0.98	0.89	0.98	0.86	0.96	0.98	1.01	1.16	1.04	0.85	1.08
	12_13	0.93	0.97	0.88	0.85	0.85	0.79	0.88	1.10	0.99	0.85	1.09	1.09
	13_14	1.02	1.05	0.94	0.89	0.94	0.92	0.83	0.92	0.96	1.00	0.95	0.99
	14_15	0.99	1.04	0.96	0.94	0.94	0.87	0.90	1.00	1.37	0.83	0.91	0.90
	15_16	0.92	0.90	0.94	0.90	1.00	0.94	0.94	1.02	1.21	0.98	1.03	1.07
	16_17	1.07	1.11	1.05	0.90	1.07	1.00	1.04	1.02	1.09	1.05	0.93	0.93
	17_18	1.07	1.00	1.01	0.95	1.01	0.83	0.87	1.06	1.34	0.96	0.93	0.99
Average		1.01	1.01	0.95	0.92	0.95	0.90	0.92	1.02	1.16	0.96	0.96	1.01

Ratio of the 1st grade class in 2018 to the Kindergarten class in 2017

Rates and averages are calculated by attendance area. A weighted of average mobility rates are used to project enrollment in each grade into future years.

2. BIRTHS AND KINDERGARTEN



The average ratio of Kindergarten students to Births (6 years prior) in each elementary attendance area forms the basis for the forecasted Kindergarten.

3. HOUSING – YIELD RATES

Dunwoody Townhome Yield Rates

	Res	NonRes	Private	Total
ES	0.1578	0.0040	0.0166	0.1784
MS	0.0279	0.0050	0.0045	0.0373
HS	0.0624	0.0021	0.0067	0.0713
Total	0.2482	0.0111	0.0277	0.2870

Students generated by future development are projected using the average students per unit (*yield rate*) residing in previous developments of similar type and location.

Example:

A new townhome development with 100 units in Dunwoody ES attendance area would be expected to yield:

16 Students at Dunwoody ES (100×0.1578)

3 Students at Peachtree MS (100×0.0279)

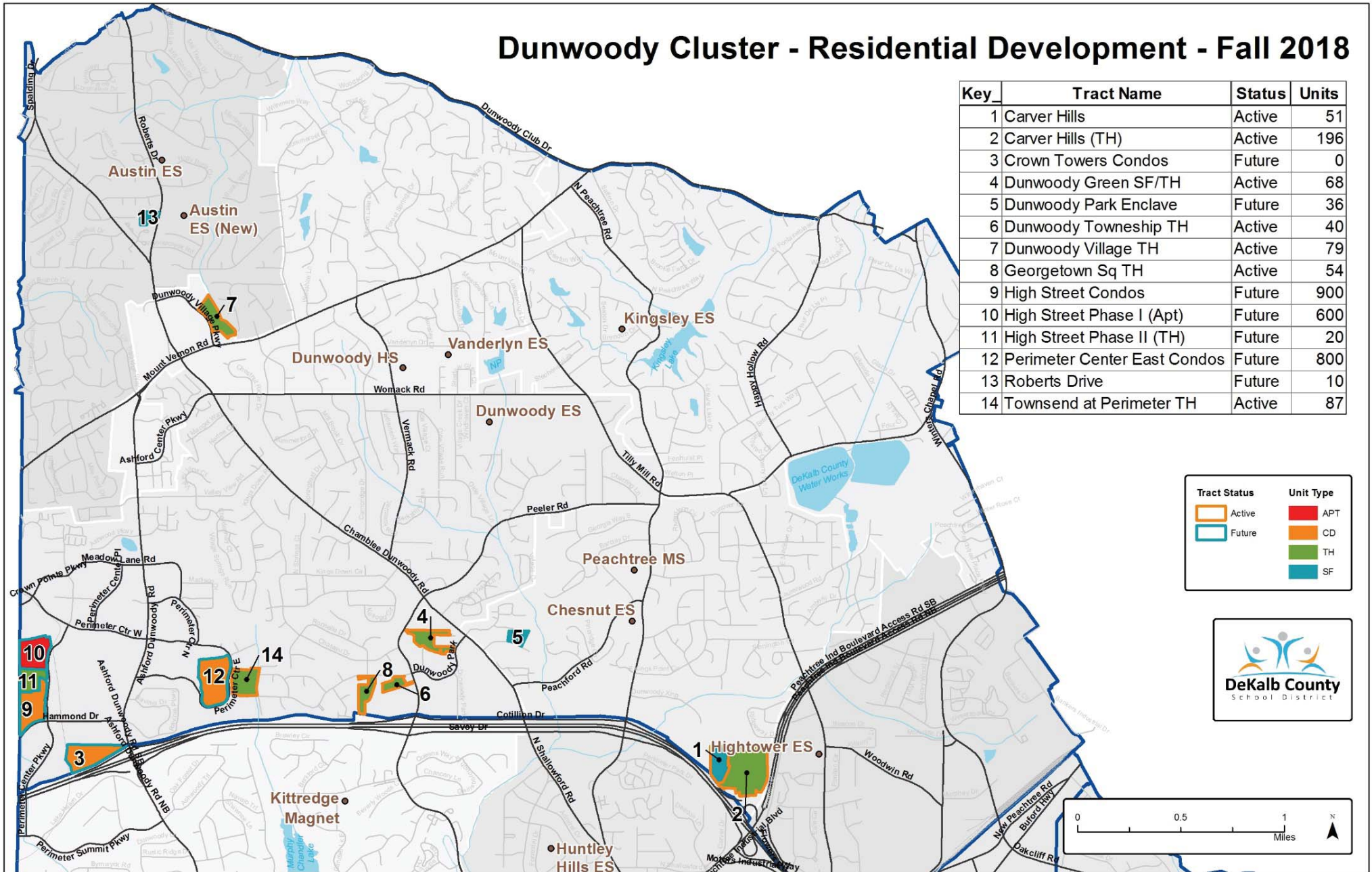
6 Students at Dunwoody HS (100×0.0624)

1 Student attending another DCSD school (100×0.0111) (e.g. Chamblee MS Magnet)

3 Students attending private schools (100×0.0277)

3. HOUSING DEVELOPMENT

Dunwoody Cluster - Residential Development - Fall 2018



FORECAST: STUDENTS LIVING TO ENROLLMENT

$$\begin{array}{r} \text{Resident} \\ \text{Students in} \\ \text{Attendance} \\ \text{Area} \end{array} - \begin{array}{r} \text{Outgoing} \\ \text{Non-Resident} \\ \text{Students} \end{array} + \begin{array}{r} \text{Incoming} \\ \text{Non-Resident} \\ \text{Students} \end{array} = \text{Enrollment}$$

After forecasting all students living in an attendance area, assumptions are made, based on historic trends, for the number of residents attending other DCSD schools and the number of non-resident attendees coming into the school.

Oct 2018 Name of School / Attendance Area	Total Resident Students In Attendance Area	Residents Attending Other DCSD Schools	Residents Attending DCSD Charter Schools	Resident Attendees	Non Resident Attendees Incoming to School	School Enrollment	Net In/Out	% Residents Leaving	% Incoming Attendees
Austin ES	723	-43	-3	677	+11	688	-35	-6%	2%
Chesnut ES	420	-41	-2	377	+65	442	+22	-10%	15%
Dunwoody ES	1,204	-73	-5	1,126	+47	1,173	-31	-6%	4%
Hightower ES	795	-56	-2	737	+2	739	-56	-7%	0%
Kingsley ES	428	-35	-10	383	+32	415	-13	-11%	8%
Vanderlyn ES	697	-37	-3	657	+11	668	-29	-6%	2%
Peachtree MS	1,737	-180	-22	1,535	+54	1,589	-148	-12%	3%
Dunwoody HS	2,161	-123	-4	2,034	+61	2,095	-66	-6%	3%
ES	4,267	-285	-25	3,957	168	4,125	-142	7%	4%
MS	1,737	-180	-22	1,535	54	1,589	-148	12%	3%
HS	2,161	-123	-4	2,034	61	2,095	-66	6%	3%
Grand Total	8,165	-588	-51	7,526	283	7,809	-356	8%	4%

AGENDA

Enrollment Forecasting Process

Dunwoody Cluster Enrollment Forecast

Fall 2019 Redistricting Overview

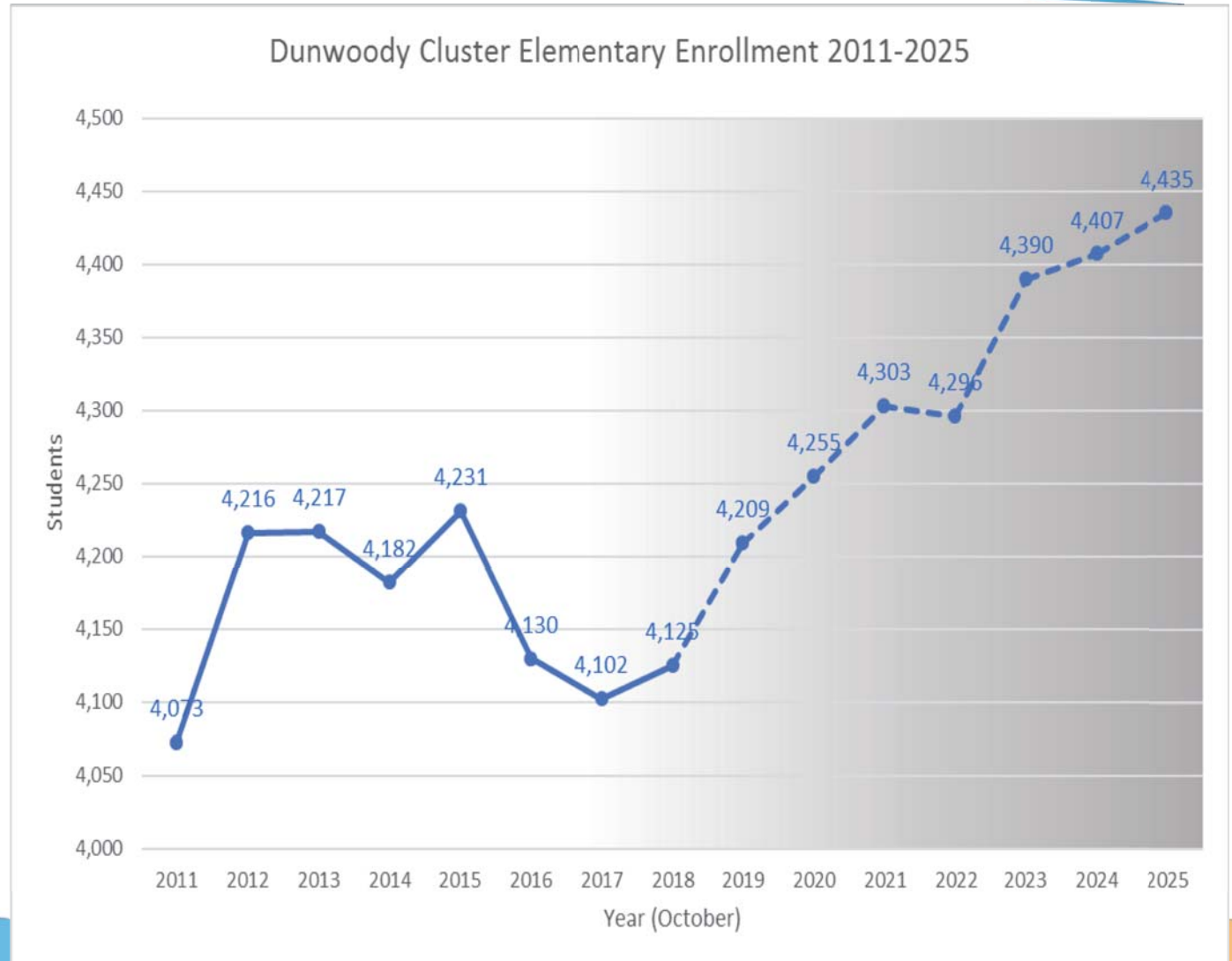
Questions?



ES IN DUNWOODY CLUSTER

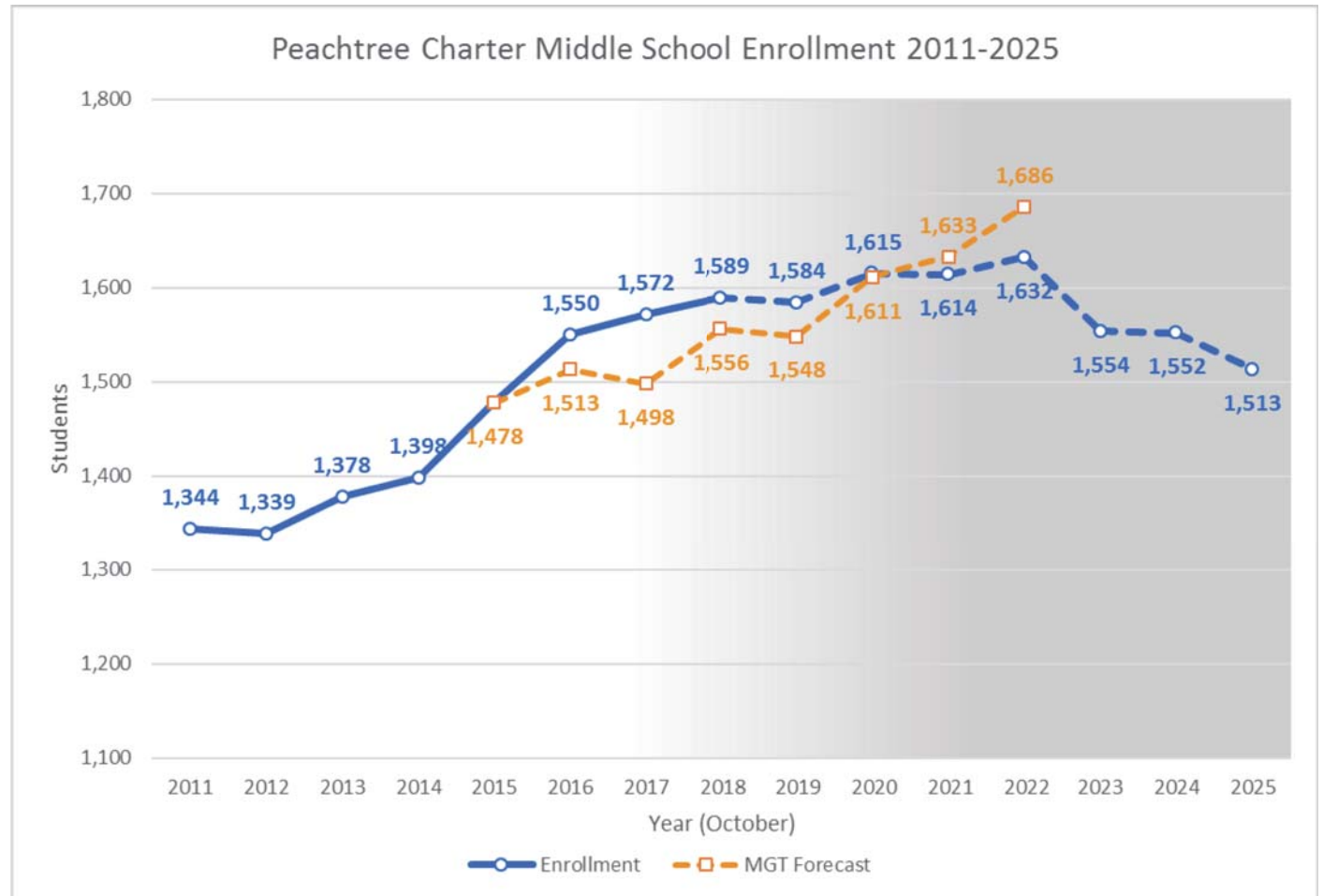
ENROLLMENT FORECAST RESULTS

- Based on historic trends, total Dunwoody Cluster Elementary enrollment is forecasted to reach 4,435 students by 2025.



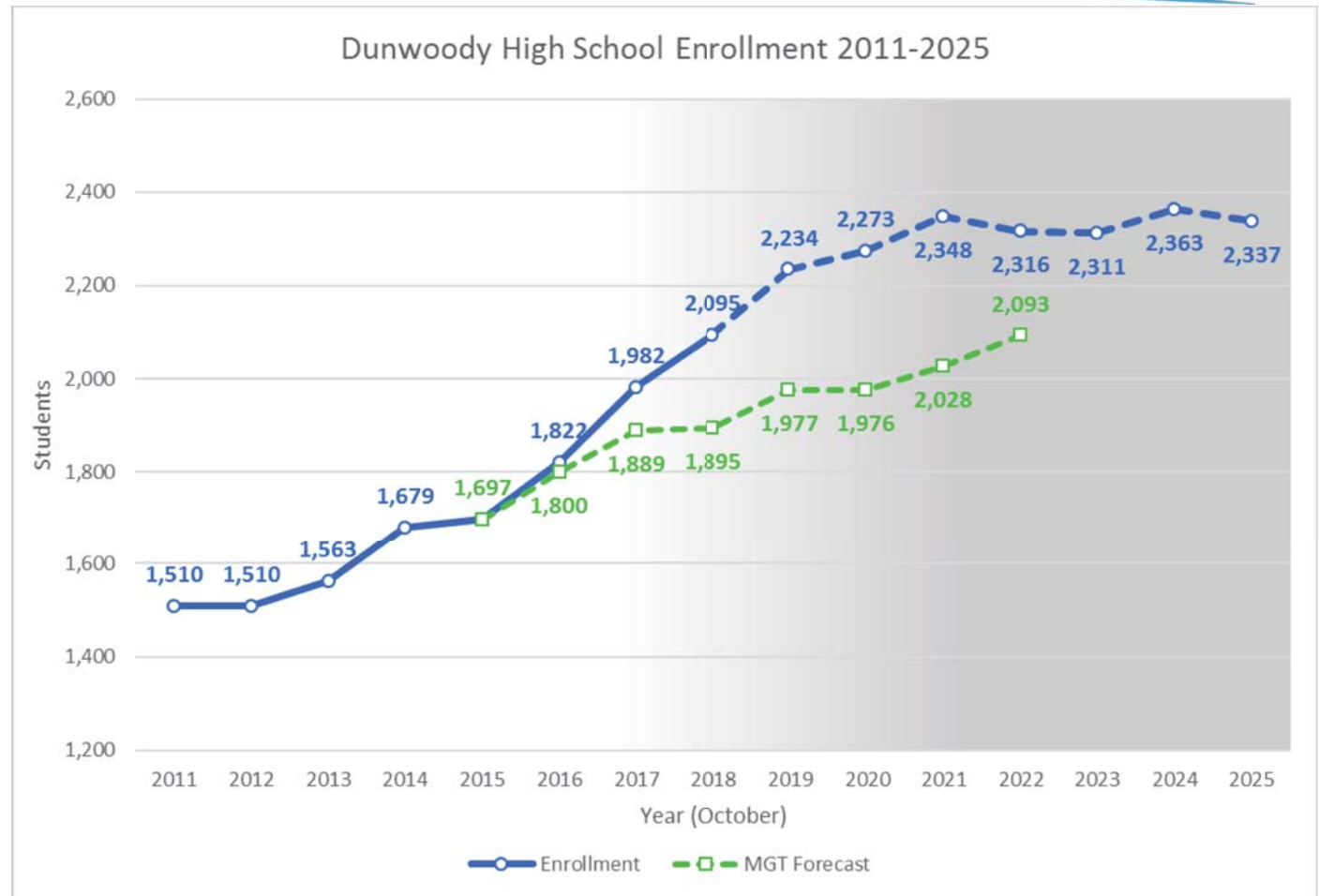
PEACHTREE MS ENROLLMENT FORECAST RESULTS

- The MGT Forecast (2015) projected enrollment of about 1,686 in Fall 2022 (+26 IU addition)
- However, enrollment will recede in 2022.
- The updated projected enrollment is 1,513 in Fall 2025



DUNWOODY HS ENROLLMENT FORECAST RESULTS

- The MGT Forecast (2015) projected enrollment of about 2,093 in Fall 2022 (+26 IU addition)
- However, enrollment growth has been faster than expected.
- The updated projected enrollment is 2,337 in Fall 2025



AGENDA

Enrollment Forecasting Process

Dunwoody Cluster Enrollment Forecast

Fall 2019 Redistricting Overview

Questions?



Fall 2019 – Austin Elementary Redistricting



Rounds 1-3 will include public meetings and online comment

www.dekalbschoolsga.org/redistricting

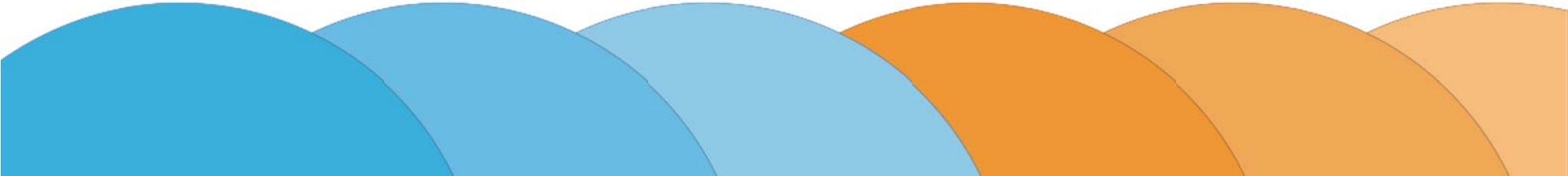
REDISTRICTING CRITERIA

- Board Policy AD: Alteration of School Attendance Areas defines primary and secondary criteria
- Primary Criteria, based on logistics
 - Geographic proximity
 - Instructional capacity
 - Projected enrollment

Note: Students may not always be assigned to their closest school, since other criteria must also be considered.

REDISTRICTING CRITERIA



- Secondary Criteria, when the primary criteria indicate more than one option for action
 - Safety and traffic patterns
 - Previous redistricting
 - Balancing of special programs, (i.e., ESOL, school choice, etc.)
 - School feeder alignment
 - Intact neighborhoods
 - Efficient and economical operations
- 

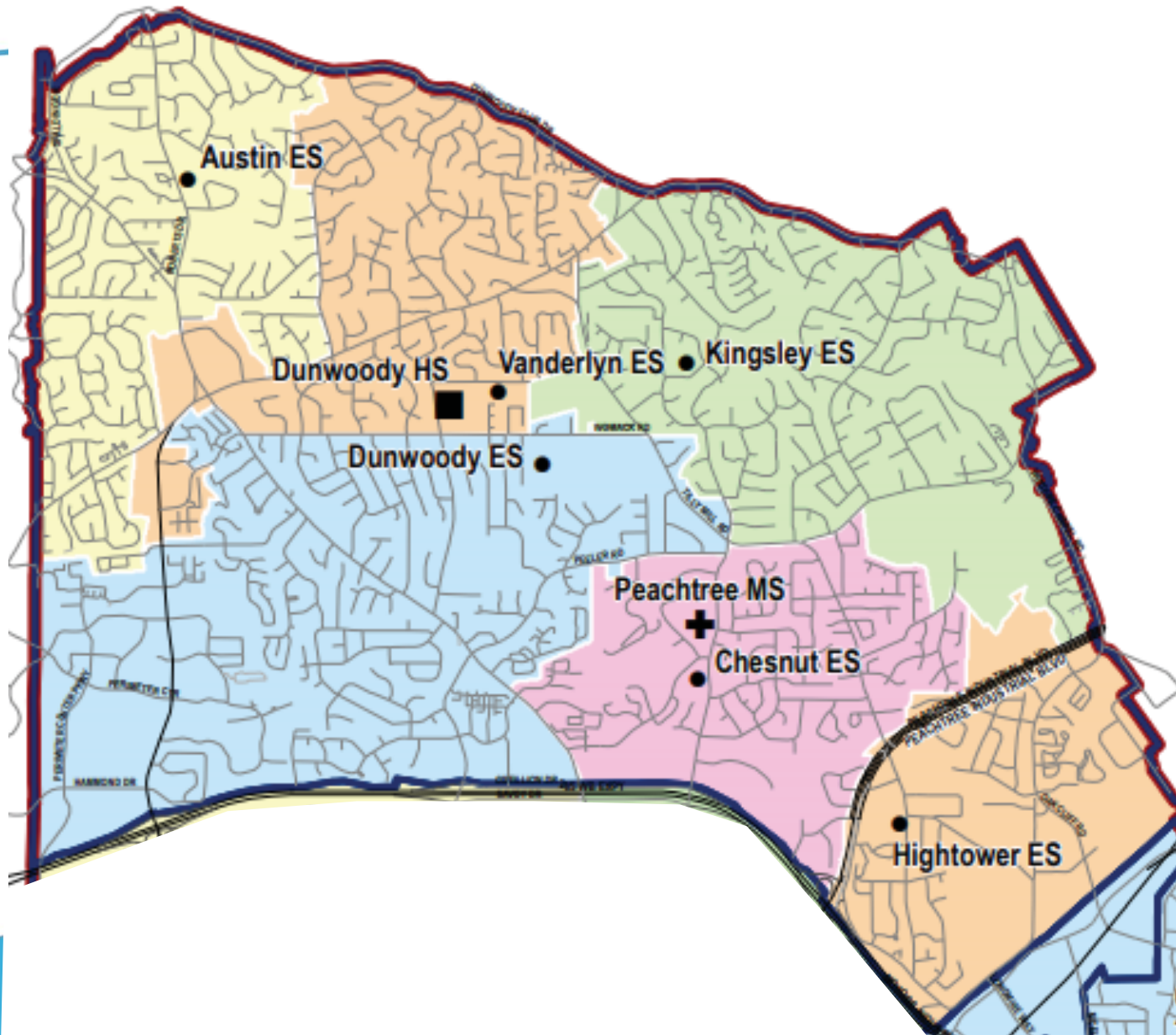
REDISTRICTING PROCESS



- Students rising into 5th grade (*and 8th, 11th, and 12th grades*) will have the option to continue in their former school, with no transportation provided.
- Redistricting will take effect Fall 2020



REDISTRICTING



REDISTRICTING

- Redistricting for the new Austin Elementary will provide relief to overcrowding at elementary schools in the Dunwoody cluster.
- Portable classrooms will continue to address the over-capacity in 2021 and beyond

	Capacity 2021	Enrollment 2021	Difference	Portables 2018
Austin ES (New)	900	696	+204	7
Chesnut ES	437	440	-3	5
Dunwoody ES	925	1,413	-488	6
Hightower ES	475	692	-217	11
Kingsley ES	463	386	+77	0
Vanderlyn ES	525	676	-151	11
Cluster ES Total	3,725	4,303	-578	40

QUESTIONS ?