



Tucker School Site Council Presentation to School Committee

2/27/13

Tucker School is a Richly Diverse Community

Enrollment by Race/Ethnicity (2011-2012)			
Race	% of School	% of District	% of State
African Amer./Black	39.1	18.5	8.3
Asian	3.4	5.3	5.7
Hispanic	9.0	4.3	16.1
White	45.6	69.7	67.0
Multi-Race, Non-Hispanic	2.9	1.9	2.5

Tucker School Demographics

Selected Populations (2011- 2012)			
Title	% of School	% of District	% of State
First Language not English	11.3	5.7	16.7
Limited English Proficient	3.4	1.2	7.3
Low-income	32.2	15.7	35.2
Special Education	14.2	16.2	17.0
Free Lunch	25.3	12.5	30.4
Reduced Lunch	6.9	3.2	4.8

Tucker School Demographics

Title	06-07	07-08	08-09	09-10	10-11	11-12
English Language Learners	5.2	10.5	11.4	9.0	8.4	11.3
Low-income	17.8	23.7	30.0	30.6	31.1	32.2
Special Education	21.6	13.6	13.6	14.8	18.3	14.2
Free Lunch	13.4	18.0	23.3	23.8	25.1	25.3
Reduced Lunch	4.4	5.8	6.6	6.8	6.0	6.9

Elementary Targeted Populations for Closing the Achievement Gap

Targeted Populations 2011-2012				
Subgroup	Collicot	Cunningham	Glover	Tucker
African Amer./Black	3.4	11.1	7.1	39.1
English Lang. Learners	6.6	3.5	4.0	11.3
Special Education	14.7	17.9	13.2	14.2
Low Income	6.3	8.1	8.7	32.2

2012 ELA MCAS

Tucker School, District, State Comparison

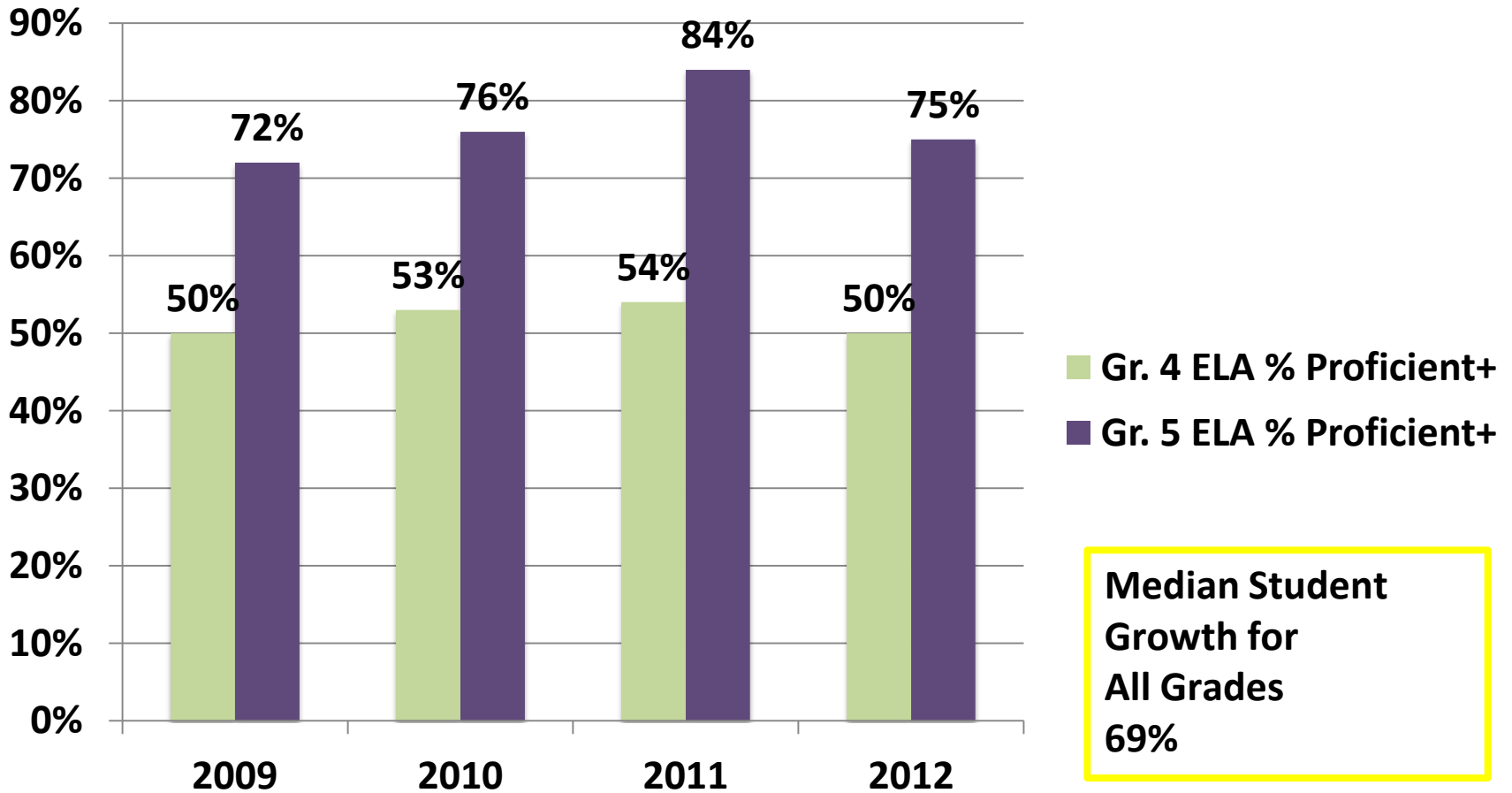
ELA	# Tucker Included	% School	% District	% State
Adv.	34	20	30	19
Prof.	67	39	52	50
NI	58	34	14	22
Warning	12	7	4	9
Total SGP	171 69%			

2012 Math MCAS

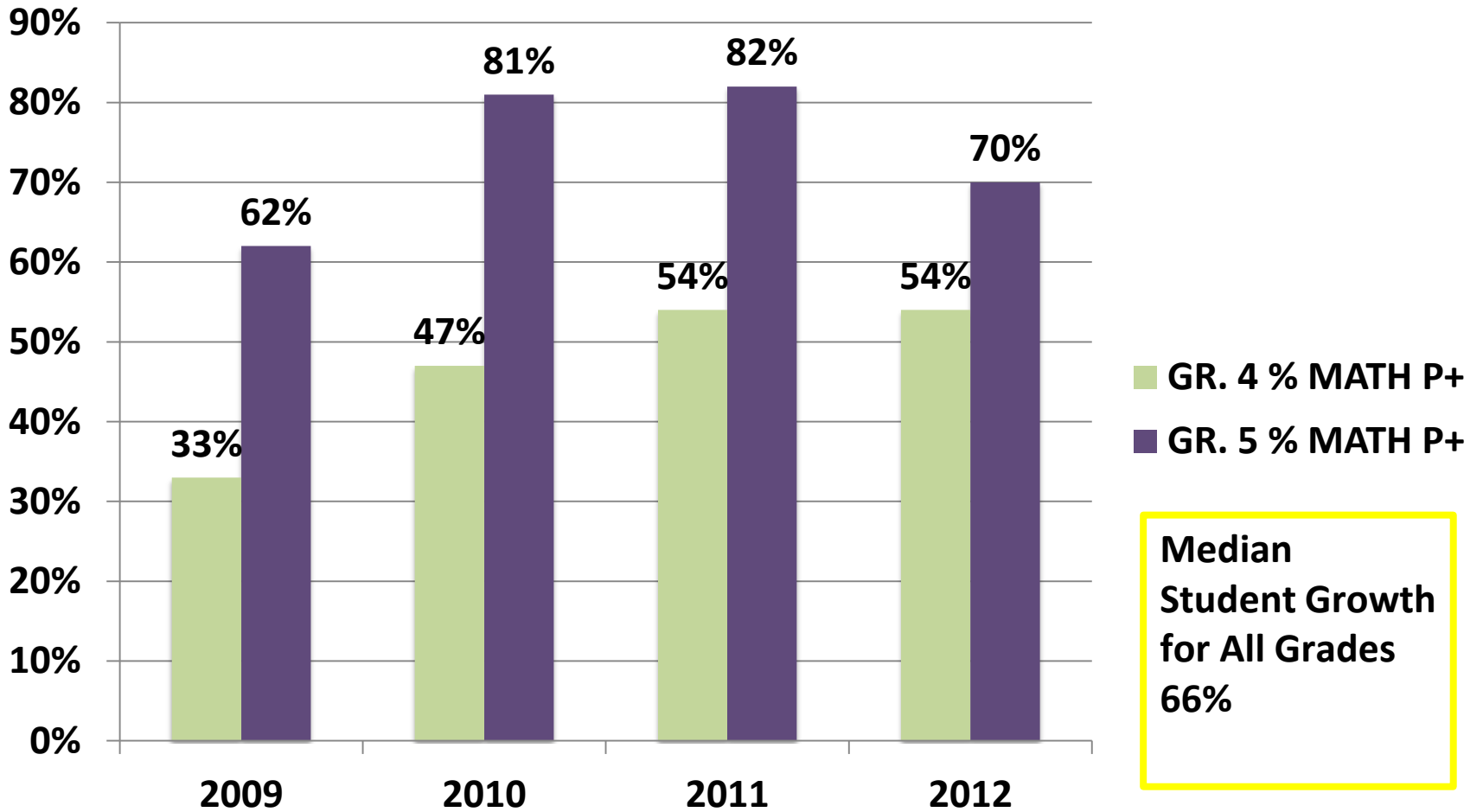
Tucker School, District, State Comparison

Math	# Included	% School	% District	% State
Adv.	53	31	43	27
Prof.	51	30	35	32
NI	52	30	18	26
Warning	15	9	6	16
Total SGP	171 66%			

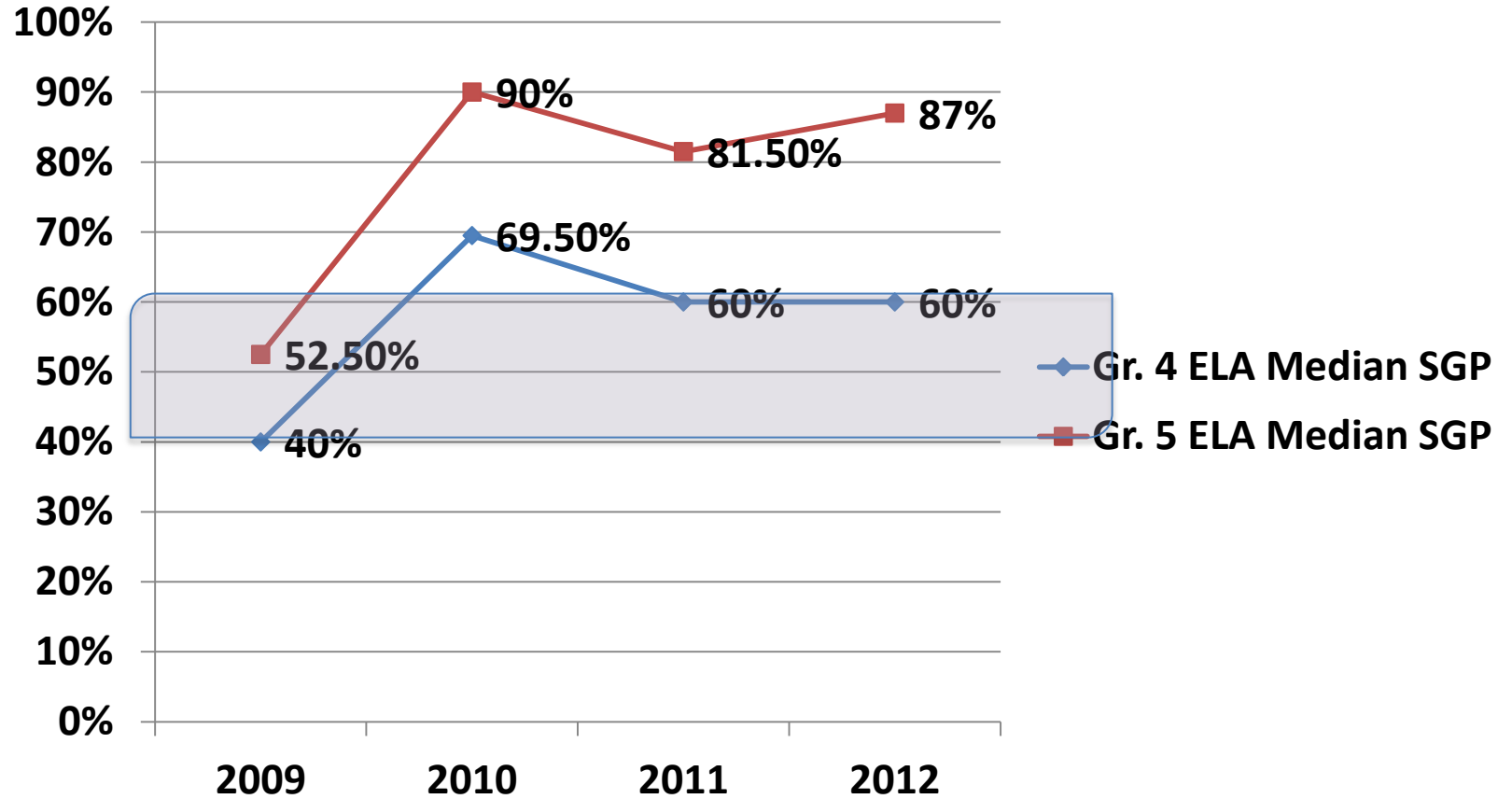
ELA: % Students Proficient Plus



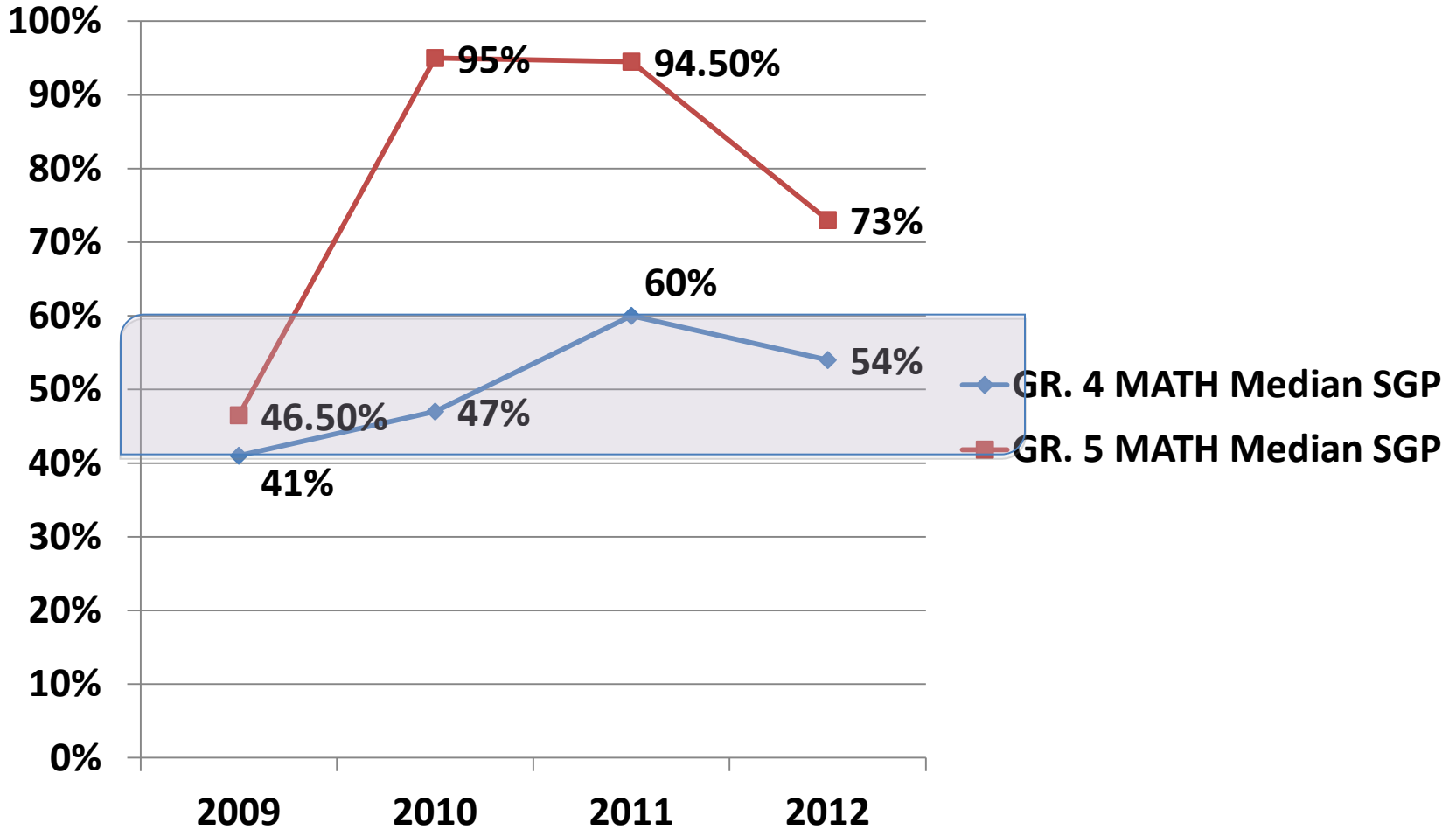
Math: % Students Proficient Plus



Median Student Growth ELA



Median Student Growth Math



Tucker Met Targets in Narrowing the Proficiency Gap (Cumulative PPI) in the Aggregate and Subgroups

Accountability Information	
Accountability and Assistance Level	
Level 1	Meeting gap narrowing goals
This school's overall performance relative to other schools in same grade span (School percentiles: 1-99)	
All students:	84
	Lowest performing Highest performing

This school's progress toward narrowing proficiency gaps (Cumulative Progress and Performance Index: 1-100)			
Student Group (Click group to view subgroup data)	On Target = 75 or higher - ■		
	Less progress	More progress	
All students		78	Met Target
High needs		78	Met Target
Low income		78	Met Target
ELL and Former ELL			-
Students w/disabilities			-
Amer. Ind. or Alaska Nat.			-
Asian			-
Afr. Amer./Black		89	Met Target
Hispanic/Latino			-
Multi-race, Non-Hisp./Lat.			-
Nat. Haw. or Pacif. Isl.			-
White		100	Met Target

Is Tucker Making Progress in Closing the Achievement Gap?

- Tucker rated **Above Target** in ELA growth for ALL students and in all Subgroups.
- Tucker rated **Above Target** in Math growth for ALL students and in all Subgroups.
- Tucker received extra credit for:
 - ELA, Low Income Subgroup
 - ELA, White Subgroup
 - Math, African- American Subgroup



African Am/Black Subgroup

ELA CPI	2008	2009	2010	2011	2012
White	96.0	93.8	94.1	93.5	91.3
Afr. Am./Black	73.2	77.6	78.7	79.5	76.3
Difference	-22.8	-16.2	-15.4	-14.0	-15.0
Math CPI	2008	2009	2010	2011	2012
White	92.0	92.5	94.7	93.0	92.1
Afr. Am./Black	66.8	61.8	71.3	75.7	76.0
Difference	-25.2	-30.7	-23.4	-17.3	-16.1
Science CPI	2008	2009	2010	2011	2012
White	93.4	96.7	97.7	95.5	93.1
Afr. Am./Black	58.3	69.4	73.8	66.7	69.6
Difference	-35.1	-27.3	-23.9	-28.8	-23.5

- ▶ Have gaps in performance between student groups decreased over time?
Yes.
- ▶ Have all groups of students gained over time?
*White- decrease in ELA; steady math and science.
Afr. Am/Black- increase in performance*
- ▶ What is the magnitude of the gap between groups?
Gap is decreasing but continues to be notable.
- ▶ How does each group of students currently perform compared to state?
▶ *Tucker scores above state in all areas for African Am/Black subgroup.*

Is there a Gap Between Males and Females?

ELA- CPI	2008	2009	2010	2011	2012
Male	78.9	80.2	79.9	83.2	81.4
Female	87.5	91.0	89.0	87.5	85.4
Difference	+8.6 Female	+10.8 Female	+9.1 Female	+4.3 Female	+4 Female
Math CPI	2008	2009	2010	2011	2012
Male	78.2	76.8	80.6	85.9	81.2
Female	79.7	74.6	82.6	84.5	87.1
Difference	-1.5 Female	-2.2 Female	+2 Female	-1.4 Female	+5.9 Female
Science CPI	2008	2009	2010	2011	2012
Male	76.3	80.0	75.6	85.6	75.8
Female	75.0	79.3	91.3	73.6	80.8
Difference	-1.3 Female	-0.7 Female	+15.7 Female	-12 Female	+5 Female

Have gaps in performance decreased over time?

- *Inconsistent. Females gains in math and science.*

Have all groups of students gained over time?

- *Inconsistent year to year.*
- *Generally females have made gains over time.*

What is the magnitude of the gap between groups?

- *Females are catching up to males.*

How does each group of students currently perform compared to state?

- *Tucker scores above the state in Math & ELA (both males and females).*
- *Tucker scores slightly below the state in Science for males.*

Low Income Subgroup

ELA CPI	2008	2009	2010	2011	2012
Non Low Income	88.3	88.3	89.1	90.5	87.0
Low Income	70.8	78.1	73.8	76.3	74.0
Difference	-17.5	-10.2	-15.3	-14.2	-13
Math CPI	2008	2009	2010	2011	2012
Non Low Income	84.7	83.5	88.6	92.2	88.7
Low Income	64.9	61.2	66.3	72.8	72.1
Difference	-19.8	-22.3	-22.3	-19.4	-16.6
Science CPI	2008	2009	2010	2011	2012
Non Low Income	79.6	88.2	92.0	94.0	85.7
Low Income	X	65.9	68.8	63.2	55.4
Difference		-22.3	-23.2	-30.8	-30.3

Has student performance in subgroups increased over time?

- *Increase in performance in ELA & Math*
- *Decrease in performance in Science.*

Have all groups of students gained over time?

- *Non Low Income inconsistent.*
- *Decrease in Low Income, Science*

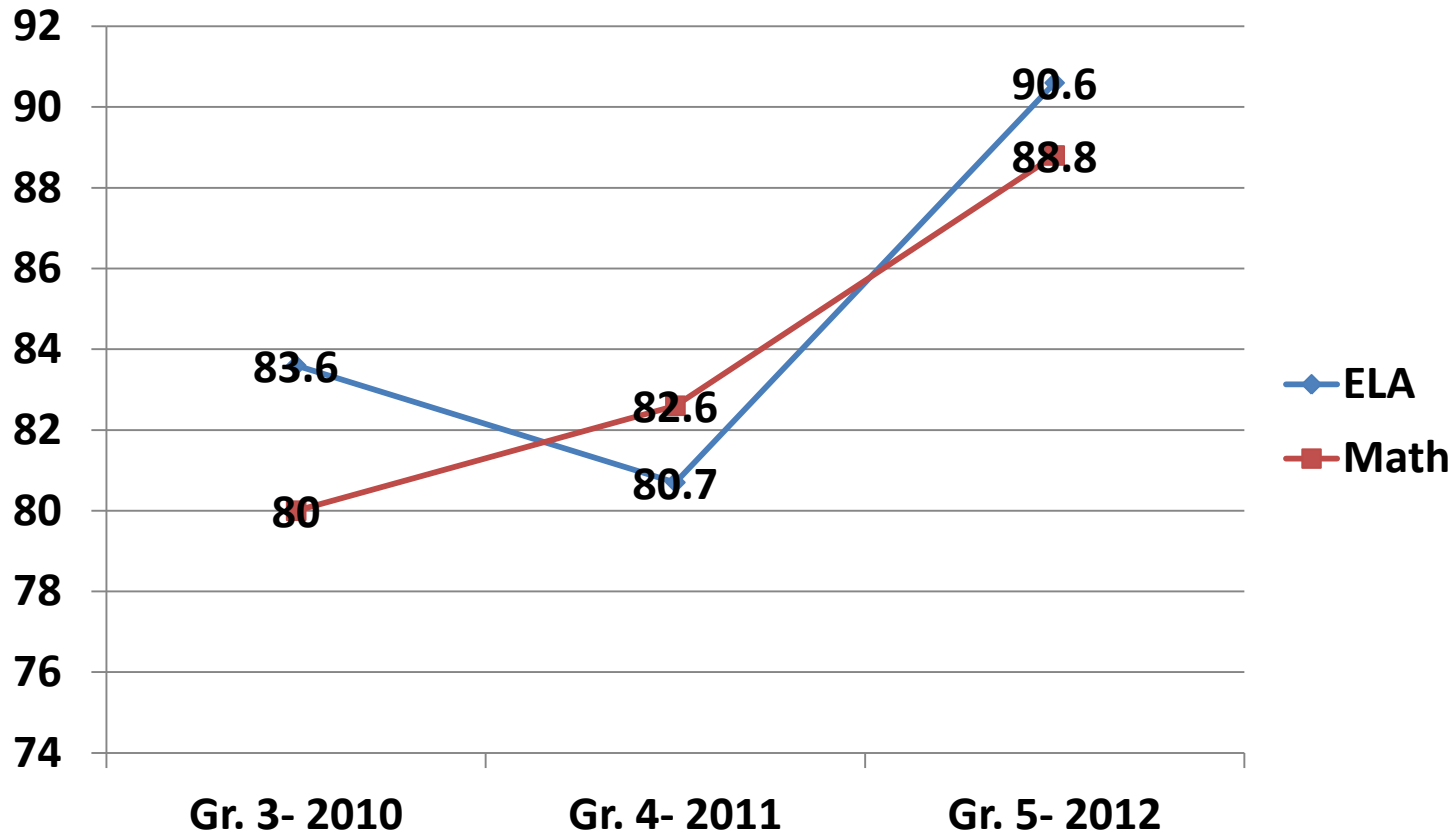
What is the magnitude of the gap between groups?

- *Decrease in ELA & Math but gap remains significant.*

How does each group of students currently perform compared to state?

- *Perform above state in ELA and Math.*
- *Slightly below in LI Science.*

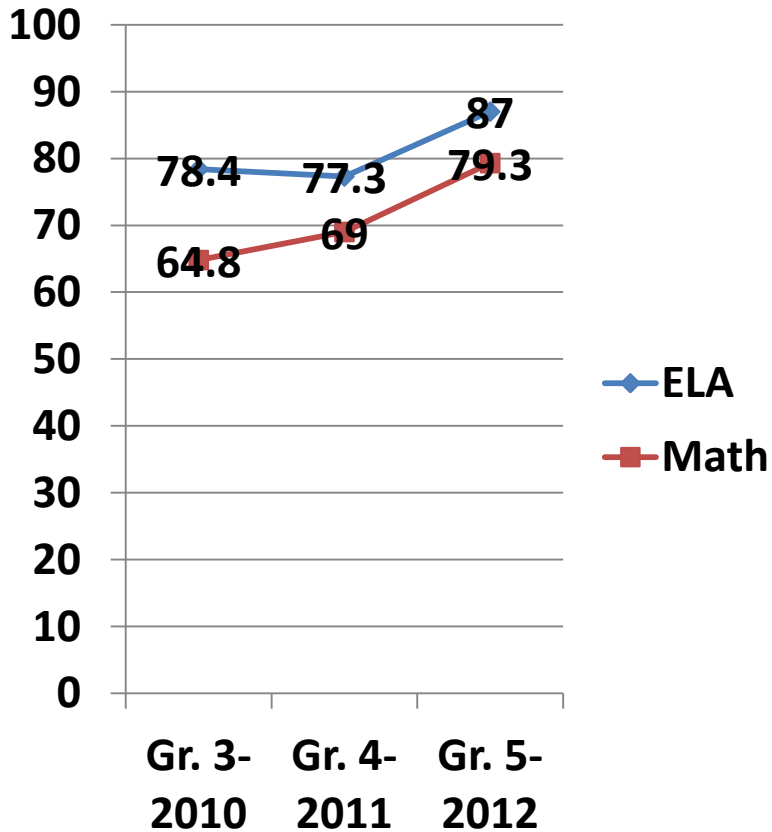
Cohort Growth Over 3 Years- All Students (2012 Fifth Graders)



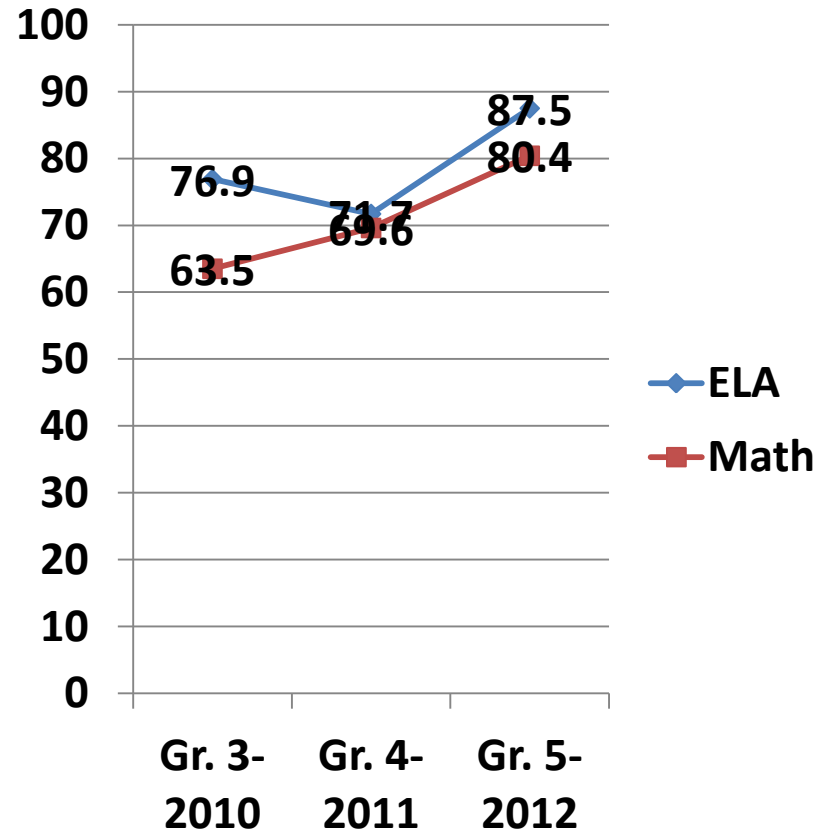
Tucker continues to make highest growth in 5th grade.

Cohort Subgroup Growth Over 3 Years (2012 Fifth Graders)

African Am/Black



Low Income



Looking Deeper

Grade	# Warning	New Students
Gr. 3 ELA	5 students Warning	3 new to school, 1 ELL
Gr. 3 Math	9 students Warning	1 new to school
Gr. 4 ELA	6 students Warning	3 new to school ELL
Gr. 4 Math	3 students Warning	2 new to school
Gr. 5 ELA	1 student Warning	
Gr. 5 Math	2 students Warning	

School Improvement Initiatives to Promote Student Growth

INITIATIVE	ACTION 12-13	TARGET GROUP	GOAL
School-wide assessment and data monitoring ELA & Math	Continued to refine ELA and Math assessments	All students	<ul style="list-style-type: none"> •Develop effective and efficient assessment monitoring. •Establish consistent grading and benchmark goals
Provide differentiated instruction ELA and Math	Implement “Power Blocks” to provide Differentiated RTI Instruction	All students	Provide small group instruction to meet students at their level. Provide support and enrichment opportunities
Mastery Learning	Teach Math concepts to 85% mastery level.	All students	Build solid foundational skills from which to build higher-level math skills.
Increase instructional time	Title I Homework Title I Morning Math Title I Summer Scholars Math is a Slam Dunk Study Island	Students scoring below benchmark	Increase in instructional time. Increase proficiency of targeted goals