

**ORANGE COUNTY
BOARD OF EDUCATION**

AGENDA ITEM ABSTRACT

Meeting Date: September 24, 2012

AGENDA ITEM No. 12-09-(2)-11

ACTION ITEM: (Y/N) N

SUBJECT: Disaggregated Student Achievement Data Report

INFO. CONTACT: Dr. Denise Morton/Dr. Mary Calhoun **PHONE:** (919) 732-8126

ATTACHMENTS: Disaggregated Student Achievement Data Report on the following:

1. Grades 3-8 Reading
2. Grades 3-8 Math
3. Grade 5 Science
4. Grade 8 Science
5. Algebra I
6. Biology
7. English I
8. Graduation Data
9. Developmental Scale Scores/Growth Data
10. Whole-to-Part Analysis
11. Overview of Academic Support

PURPOSE: To provide the Board of Education a report on the 2011-2012 disaggregated student achievement data report.

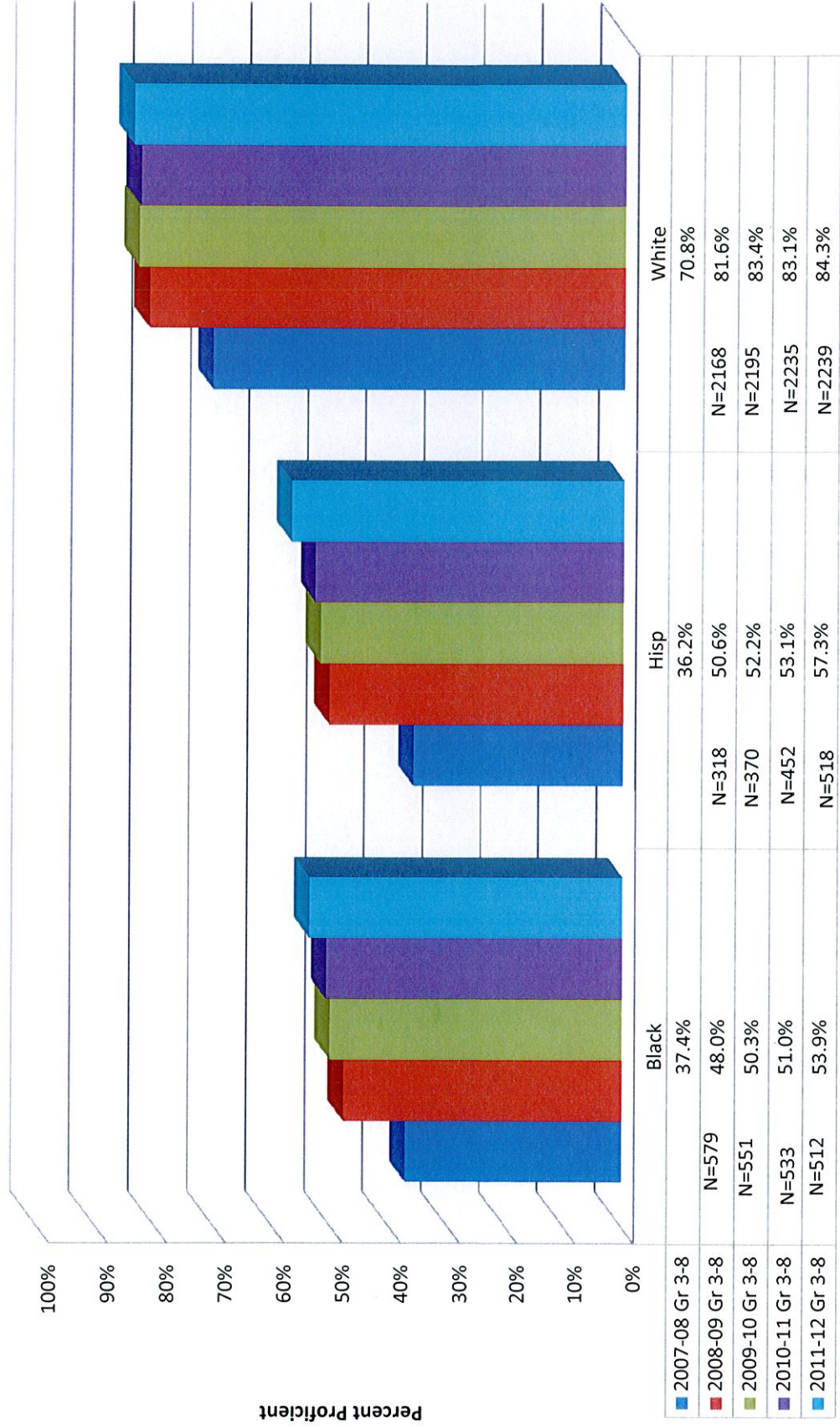
BACKGROUND: Annually, the district receives data from the Department of Public Instruction on how the district's students performed on the ABCs of North Carolina. Once all of the data is received, the Director of Testing and Accountability analyzes the information and provides disaggregated data reports for each school and the district. This analysis provides the schools the information they need to precisely focus enrichment and intervention efforts for the coming school year. This five-year analysis of grades 3-8 reading and math, grades 5 and 8 science and Algebra I, Biology, and English I demonstrate that all subgroups have shown improvement over time.

In addition to the district disaggregated data, an analysis of developmental scale scores and growth of all elementary and middle school students will be shared which highlights the growth percentages of all student levels one through four. The results of a three-year research study on the district's whole-to-part reading intervention will also be shared.

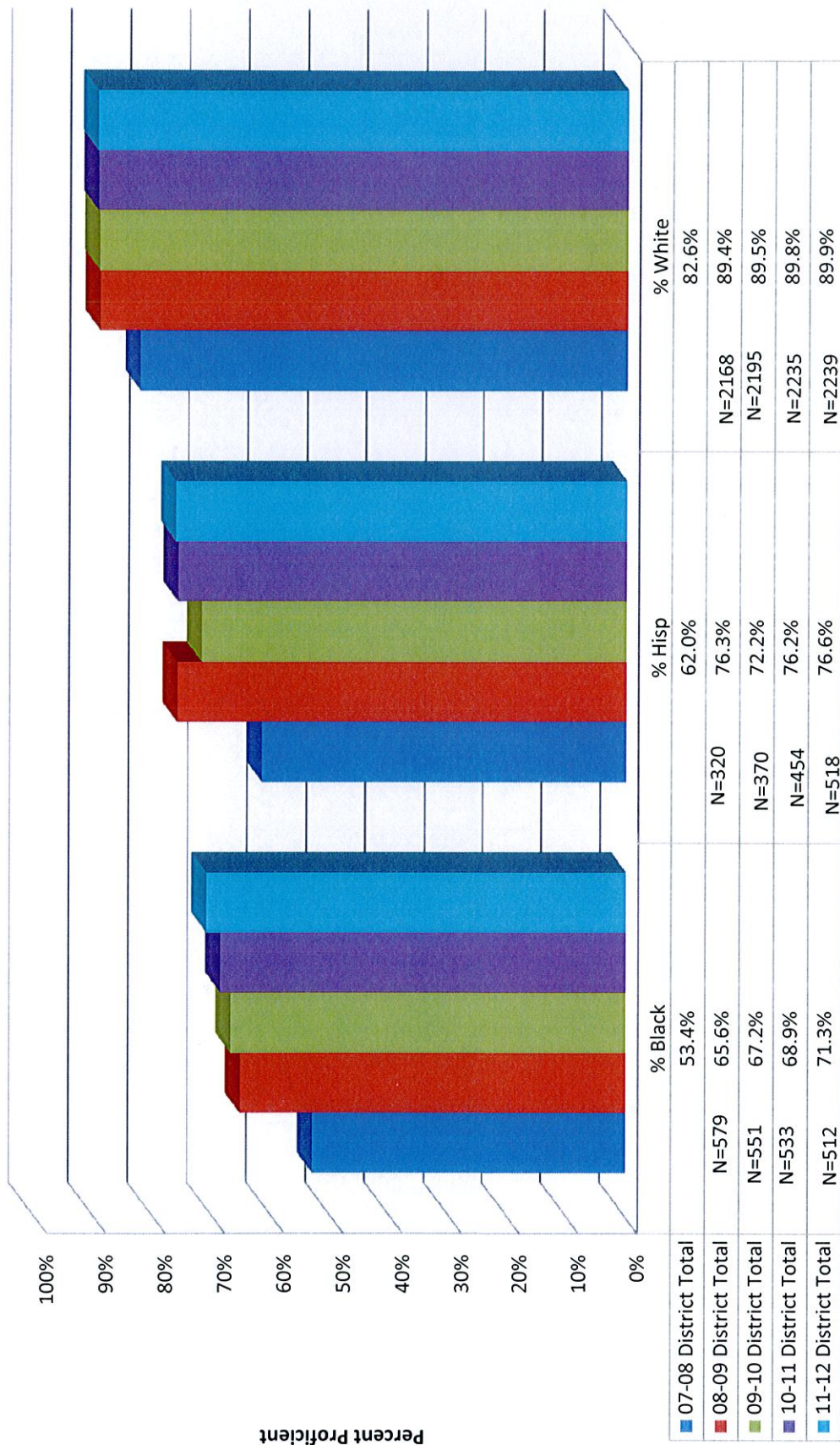
FINANCIAL IMPACT: None.

RECOMMENDATION: The Superintendent recommends that the Board of Education receive for information the 2011-2012 disaggregated student achievement data report.

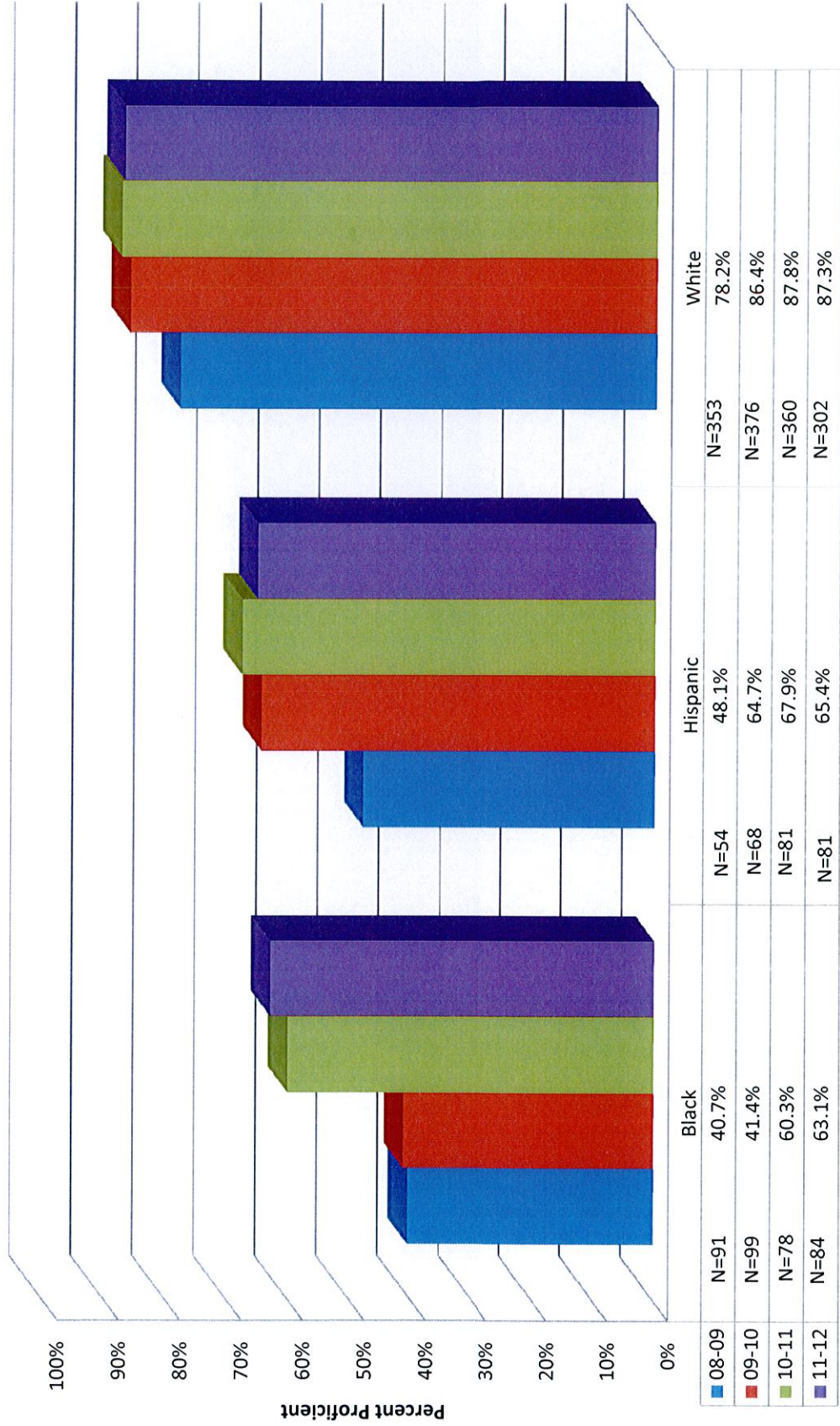
Orange County Schools District Reading Analysis Grades 3-8 2007-08 to 2011-12



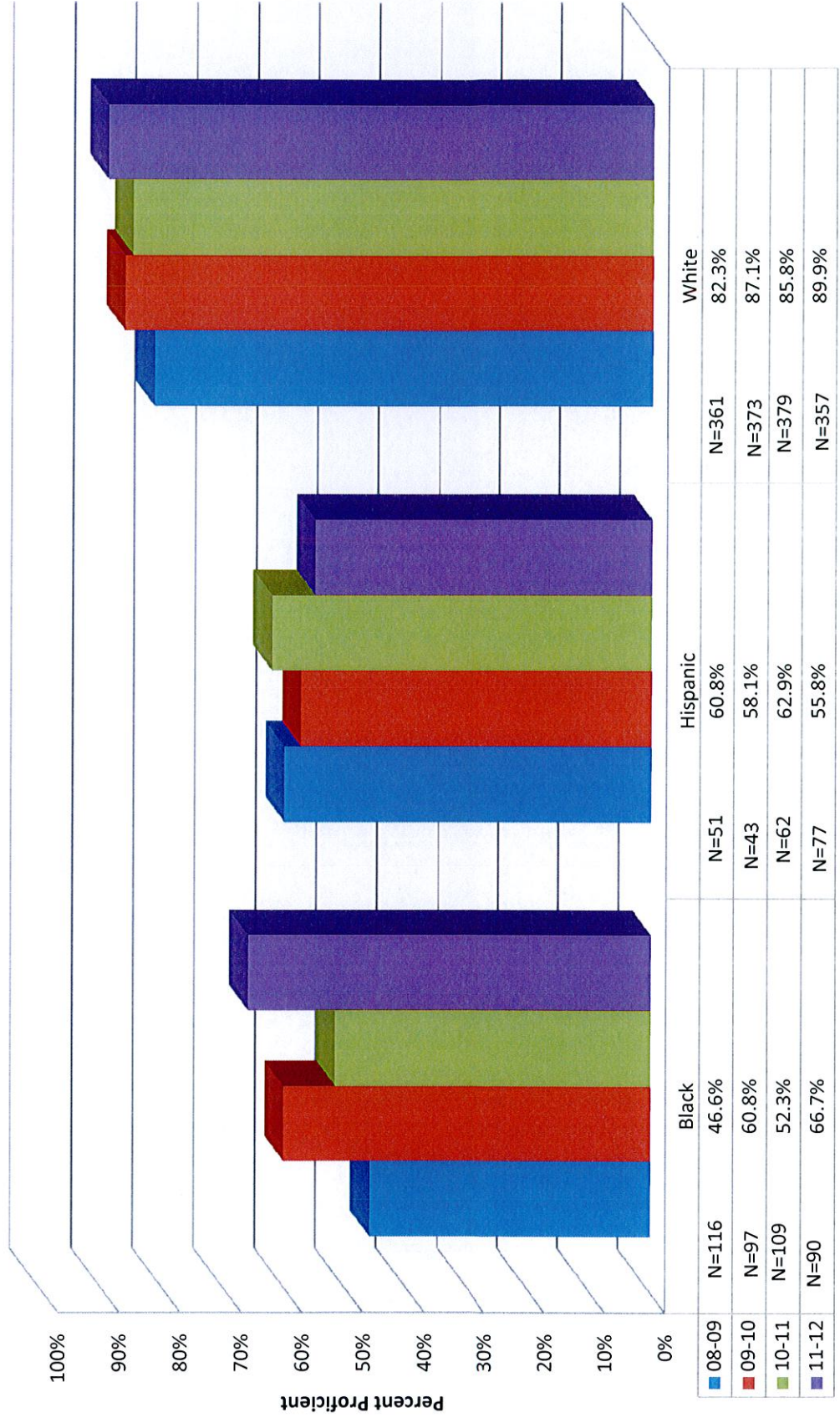
Orange County Schools District Math Analysis Grades 3-8 2007-08 to 2011-12



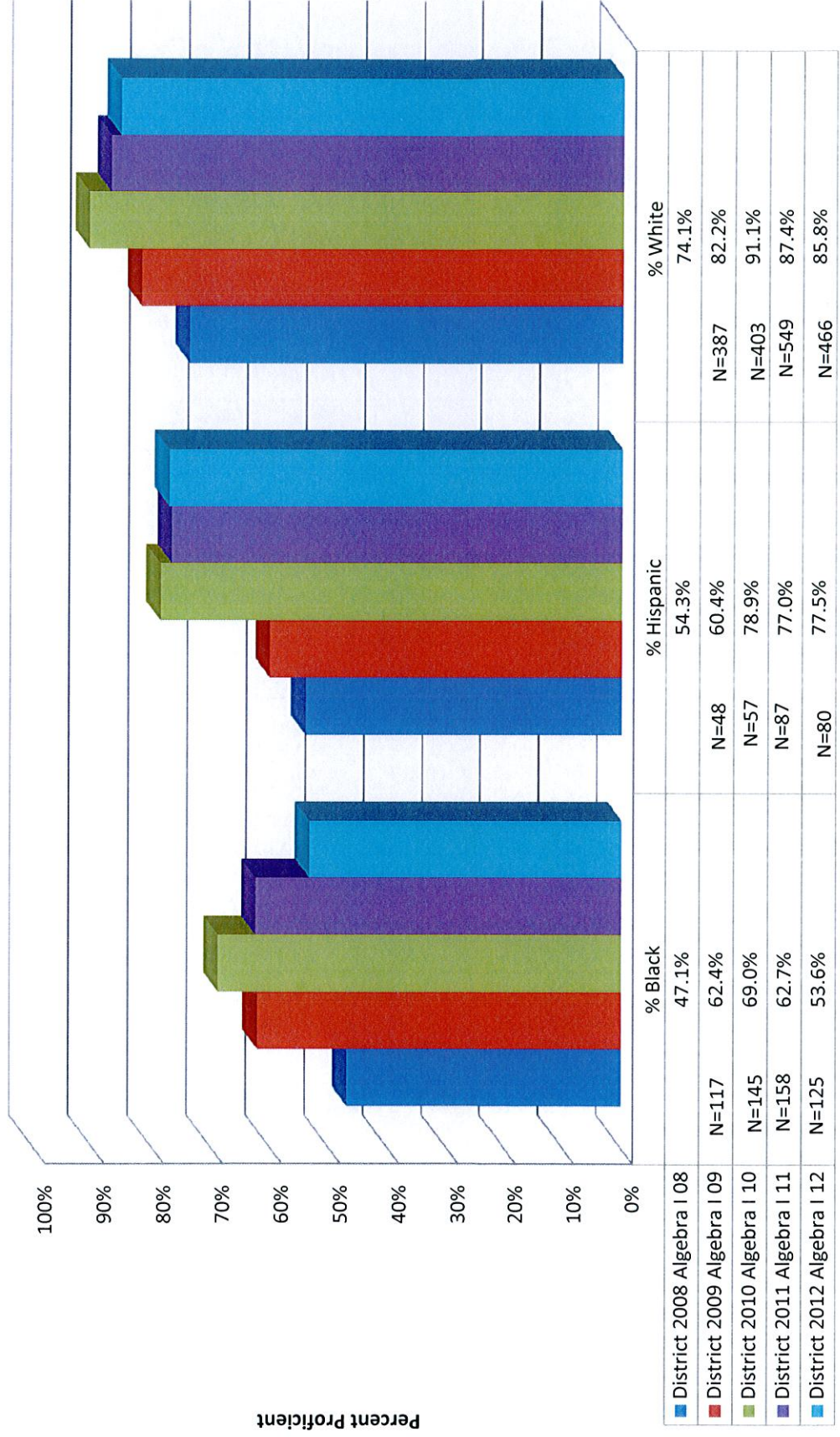
Orange County Schools District EOG Analysis 2008-09 to 2011-12 Science Grade 5



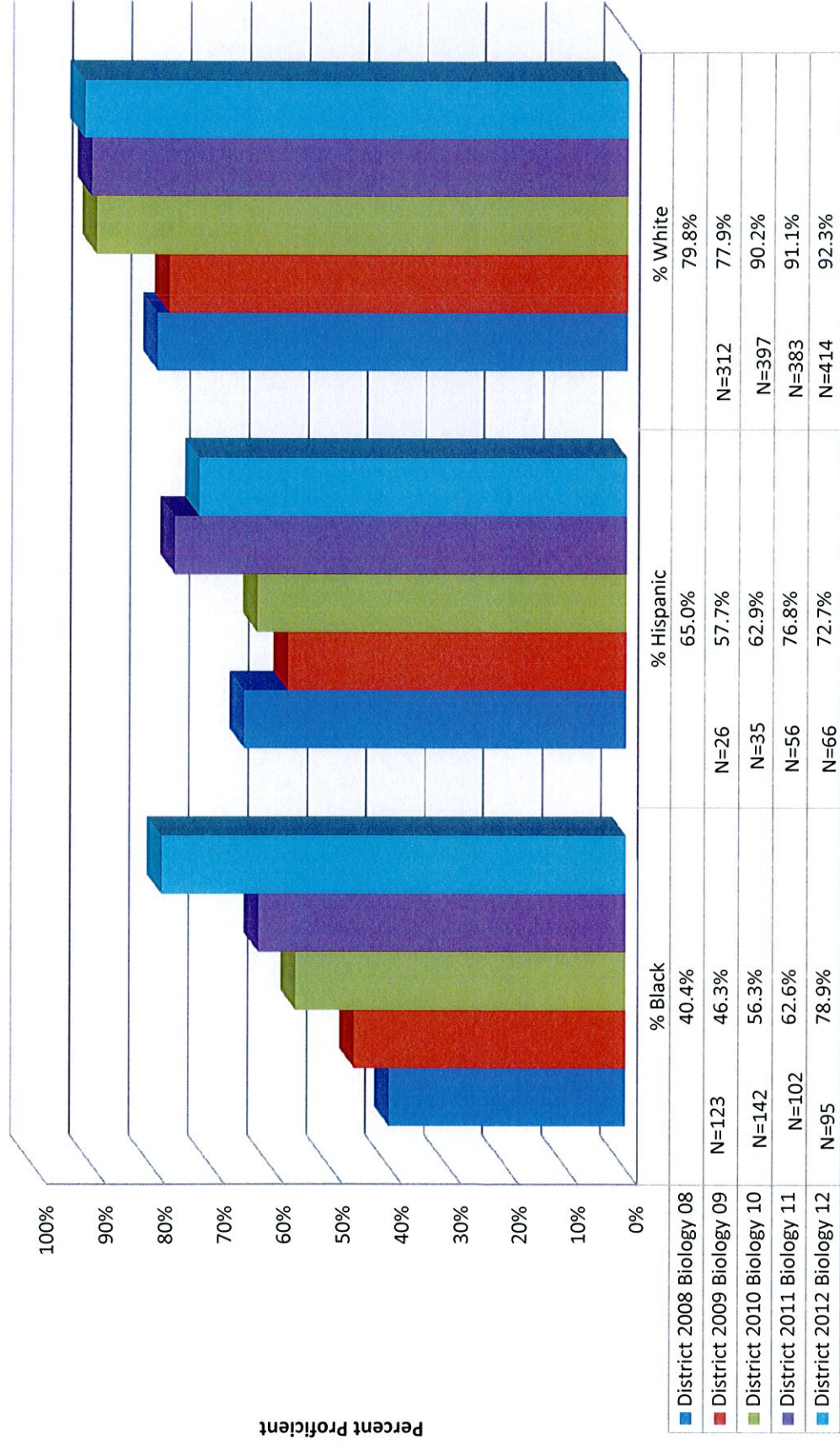
Orange County Schools District EOG Results 2008-09 to 2011-12 Science Grade 8



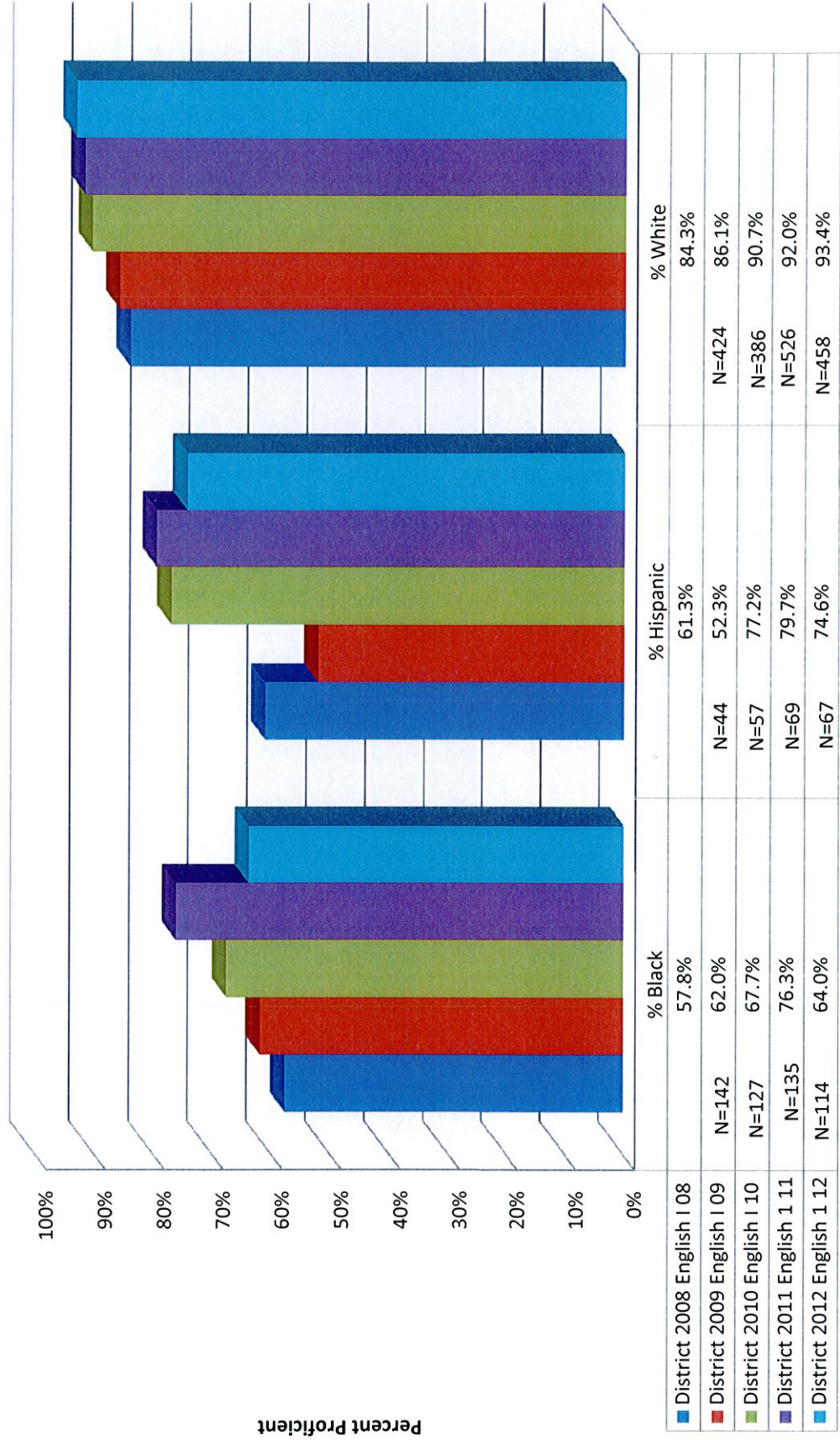
Orange County Schools District EOC Analysis 2007-08 to 2011-12 Algebra I



Orange County Schools District EOC Analysis 2007-08 to 2011-12 Biology



Orange County Schools District EOC Analysis 2007-08 to 2011-12 English I



GRADUATION RATE - DISAGGREGATED DATA
2010-2012

	Standard Graduation Rate (4-Year)		Extended Graduation Rate (5-Year)	
	2010-11	2011-12	2010-11	2011-12
All Students	82.8%	85.4%	84.4%	86.9%
American Indian	*	*	*	*
Asian	*	*	>95	*
Black	81.1%	81.7%	75.9%	85.8%
Hispanic	68.3%	79.2%	75.0%	82.9%
Two or More Races	66.7%	*	86.7%	*
White	85.4%	86.9%	86.7%	87.9%
Economically Disadvantaged	72.0%	71.5%	73.6%	78.8%
Limited English Proficient	37.5%	*	*	*
Students With Disabilities	70.7%	59.5%	69.4%	77.6%

Student information based on data collected when a student is last seen in the cohort.

*Indicates that the student population in the subgroup is too small to report the value.

Subgroups with no data are not show in the table above.

**All Students Combined Across Multiple Years to Determine
Growth Slope by Race/Ethnicity**

Grade	all	Black	Hispanic	White	Other
3rd (1 cohort)	341.39	335.16	333.28	345.12	335.63
4th (average of 3 cohorts)	347.65	343.72	342.08	350.06	345.62
5th (average of 3 cohorts)	353.14	348.56	348.38	355.42	352.49
6th (average of 3 cohorts)	355.95	351.41	350.82	358.02	356.84
7th (average of 2 cohorts)	359.32	354.03	354.32	361.39	360.85
8 (1 cohort)	361.96	357.59	356.37	363.98	360.53
SLOPE	4.02	4.17	4.42	3.74	4.99

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Disaggregated Reading Data: End of Grade Testing

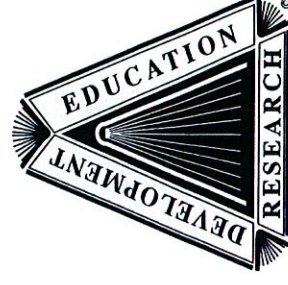
Presented by

Karen Erickson, Ph.D.

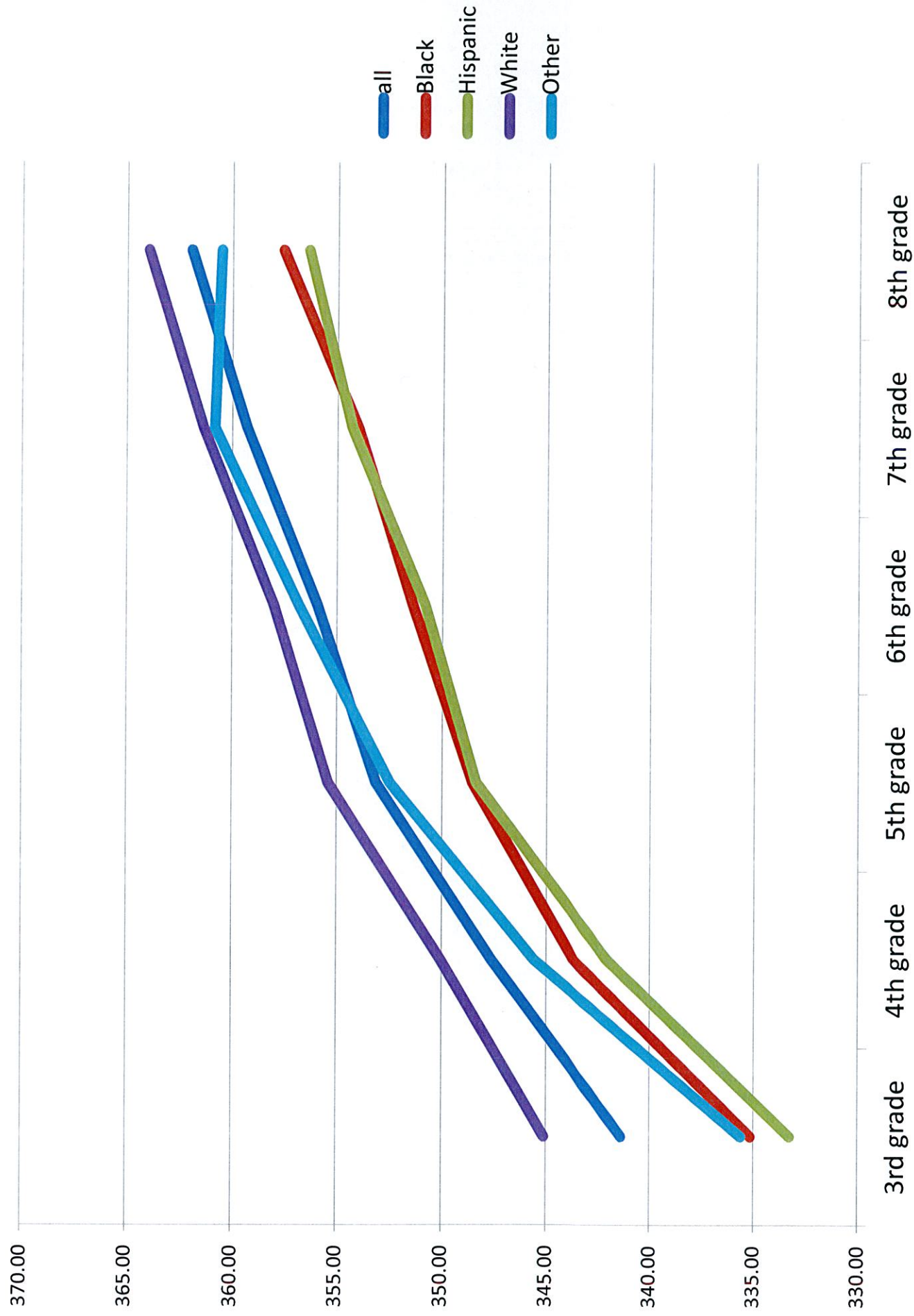
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September 24, 2012

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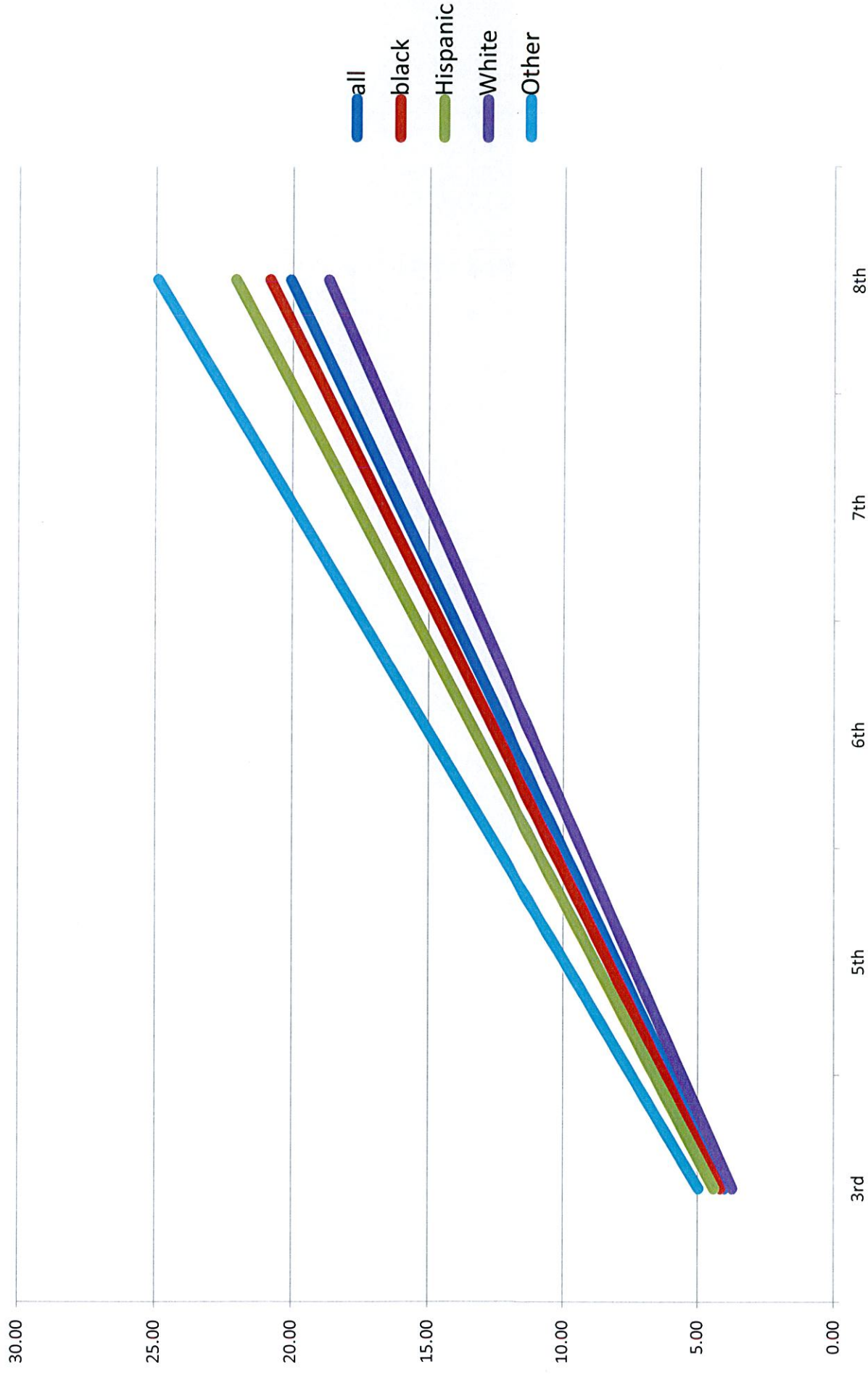
All Students Combined Across Current 3-8 Cohorts



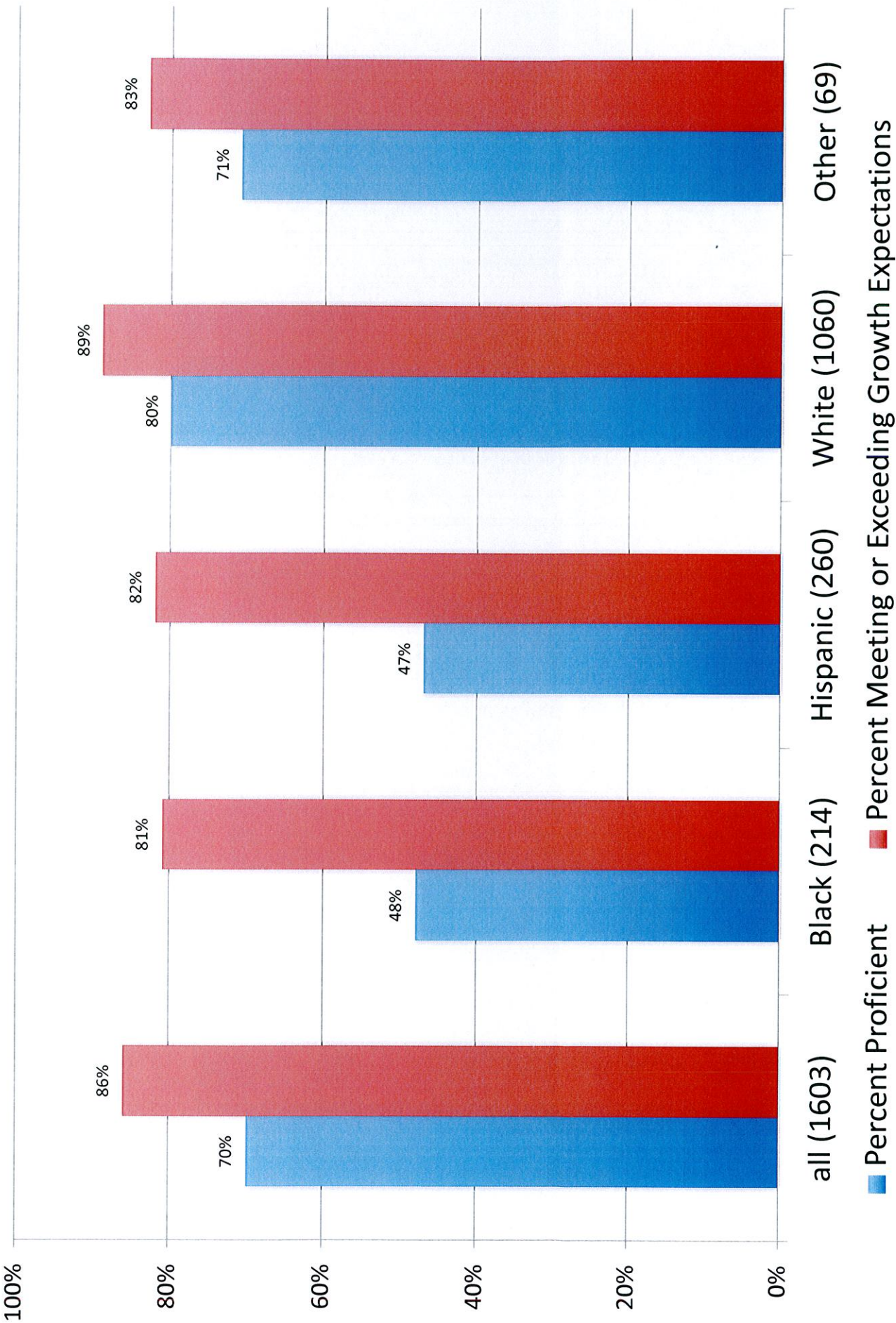
Average Rate of Growth on End of Grade Reading with Standardized Starting

Score

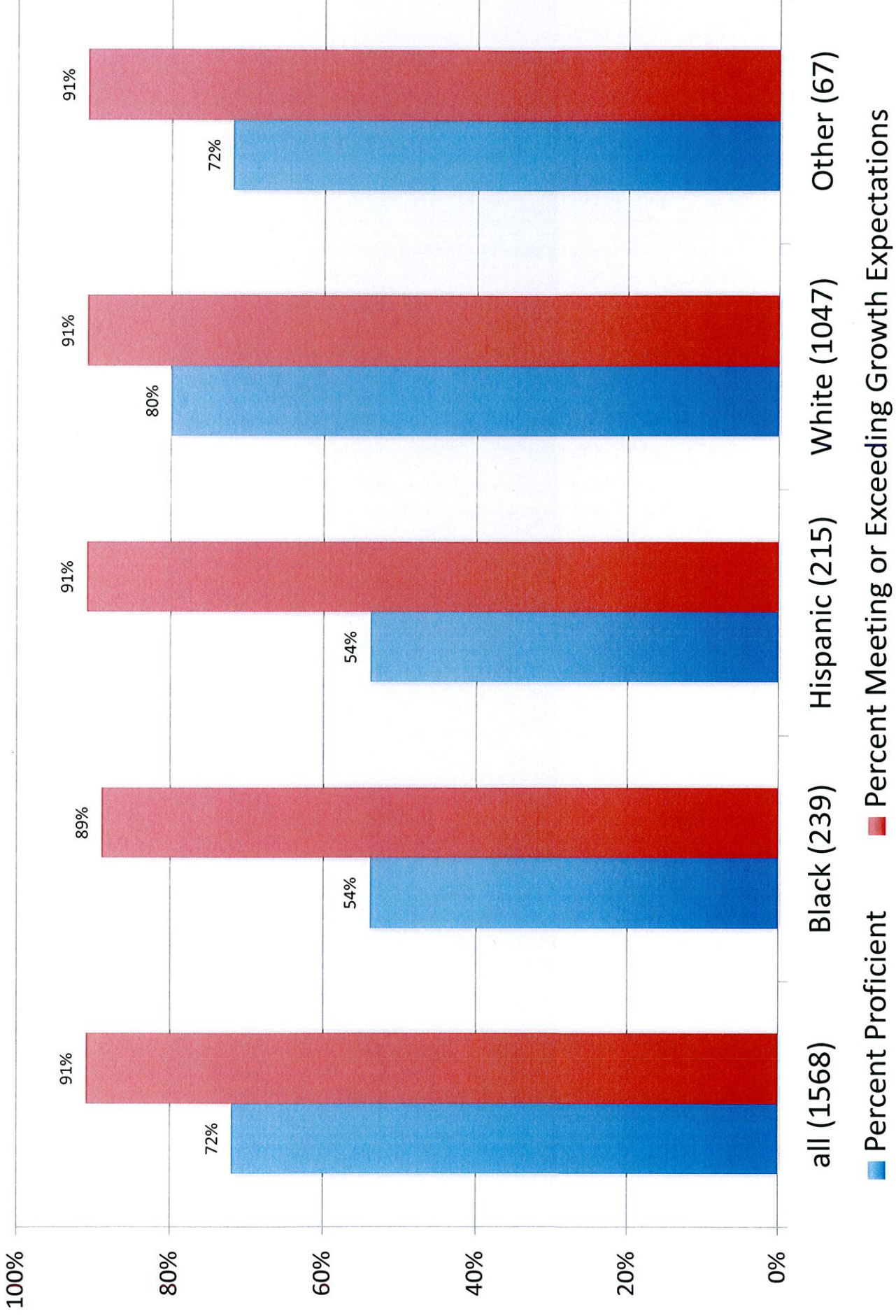
(5 cohorts collapsed)



Elementary Students



Middle School Students



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Narrowing the Developmental Scale Score Gap		
	White-Black	White-Hispanic
Elementary School	8.65	10.51
Middle School	5.96	6.41
Impact	31.10%	39.01%



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Whole-to-Part Reading Intervention

3rd – 8th Grade Tier II Intervention

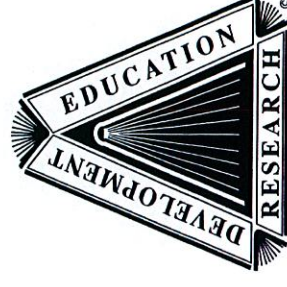


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- Began district-wide in fall of 2009
- In 2011-12 a total of 593 students were served
- Raising the floor:
 - Average Intervention Level:
 - 2009: **1.6**
 - 2011: **2.0**
 - Average Silent Reading Comprehension Level:
 - 2009: **2.4**
 - 2011: **3.2**



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2011-12 Developmental Scale Score Gain			
	WTP Students	Average for All	Impact
Elementary	7.7	5.5	29%
Middle	5.1	3.1	39%

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Change in End of Grade Reading Proficiency Levels Across 3 Years for Students in WTP

	Level 1	Level 2	Level 3	Level 4	Total Proficient
Elementary School (437)					
2010	50.7%	27.9%	20.6%	.7%	21.3%
2011	35.7%	33.3%	28.3%	2.7%	31.0%
2012	27.0%	27.9%	43.5%	1.6%	45.1%
Middle School (393)					
2010	25.8%	45.2%	27.4%	1.6%	29%
2011	28%	39.1%	30.8%	2.1%	32.9%
2012	14.2%	39.4%	43.8%	2.5%	46.3%

ORANGE COUNTY SCHOOLS

OVERVIEW OF ACADEMIC SUPPORT

<u>LITERACY SUPPORT</u> • K-8 Comprehensive Literacy Model • K-8 Literacy Coaches • Creation of new K-12 Differentiation Team to provide support to all subgroups • K-5 Reading Teachers • Whole-to-Part Reading Intervention K-12 • Curriculum alignment through newly revised curriculum maps for Common Core/Essential Standards • Leveled Literacy Instruction • Hillrap Reading Intervention for Students with Disabilities • Wilson's Reading Intervention for Students with Disabilities • Nine PreK Programs • Seventh grade Adolescent Literacy Project (AL7) • Disaggregated Data on Individual Students in Reading to target Instruction	<u>MATHEMATICS/SCIENCE SUPPORT</u> • Curriculum alignment through newly revised curriculum maps for Common Core/Essential Standards • Leveled Literacy Instruction • Assessing Math Concepts – Tier Two Math Intervention which is research-based • K-12 Discovery Education Science Tech Books • Cognitively Resource Guided Instruction • Science Notebooking • Shared Online Data Base Math Achievement Data • The use of district benchmarks at all Title I elementary schools
<u>TECHNOLOGY SUPPORT</u> • One-to-One Laptop Initiative • Online Reading/Math/Science/Social Studies Resources	<u>EXTENDED LEARNING OPPORTUNITIES</u> • Free After School Academic Support - programs located at elementary, middle and high school