

Benchmarking Glen Ellyn 41



June 4, 2018

Source data: Illinois State Board of Education for school year 2016-17

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Fundamental Questions: Is Glen Ellyn 41:

- Effectively competing academically?
- Financially sound and controlled?
- Providing value for tax dollar?
- Meeting or exceeding expectations?
- Recognizing and dealing with change?



Benchmark Districts (competitive)

- Arlington Heights 25
- Avoca 37
- Barrington 220³
- Batavia 101³
- Butler 53
- **Carol Stream 93^{1,2}**
- Deerfield 109
- Downers Grove 58
- Dunlap 323³
- **Elmhurst 205^{1,3}**
- Evanston 65
- Geneva 304³
- **Glen Ellyn 89^{1,2}**
- **Glenview 34¹**
- Hinsdale 181
- Indian Prairie 204³
- Kenilworth 38
- **Kildeer Countryside 96¹**
- **La Grange 102¹**
- La Grange 105 South
- LaGrange Highlands 106
- Libertyville 70
- Lincolnshire-Prairieview 103
- **Lombard 44^{1,2}**
- Marquardt 15²
- Naperville 203³
- North Shore 112
- Northbrook/Glenview 30
- Orland 135
- Park Ridge 64
- Queen Bee 16²
- River Forest 90
- Schaumburg 54
- St Charles 303³
- Western Springs 101
- **Wheaton 200^{1,3}**
- Wilmette 39

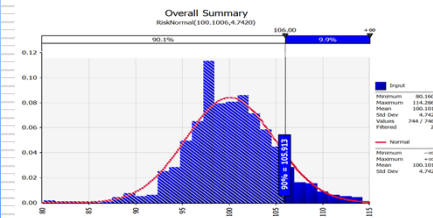
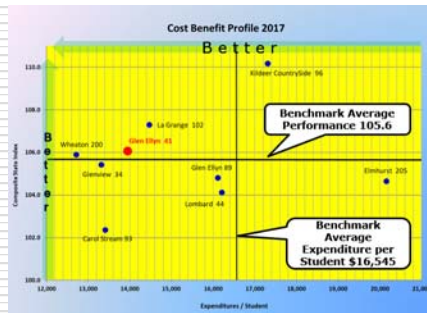
Notes: 1. Districts in Green Historically Used in Comparisons
 2. Elementary feeder districts to High School District 87
 3. Unit Districts



Glen Ellyn 41:

Provides Value for Tax Dollar

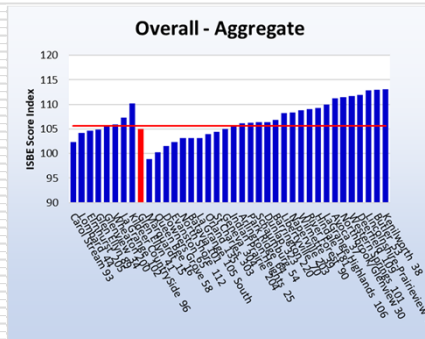
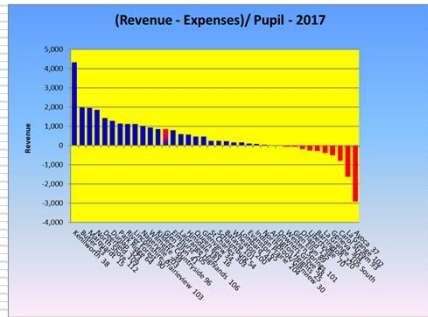
Ranks in the top 10% of the State



Glenn Ellyn 41:

Financially Strong

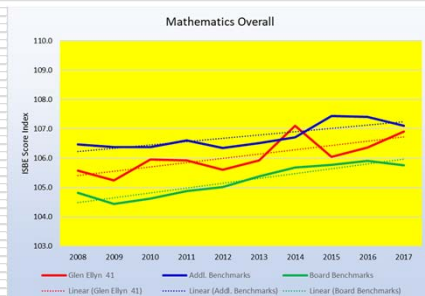
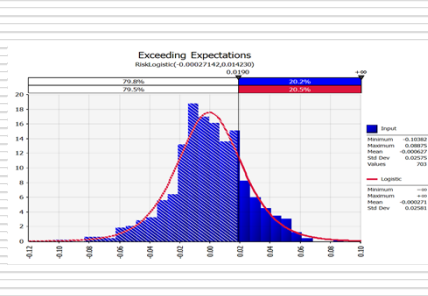
Competes Effectively




Glen Ellyn 41:

Exceeds Expectations

Demonstrates Growth




DATA VIABILITY



ISAT, No Child Left Behind, Common Core, PARCC and other Mysteries

Description	ISAT	Grades	PARCC
Subjects	Reading	3-8	Reading
	Mathematics	3-8	Math, Algebra, Geometry
Nomenclature	No Child Left Behind		Common Core
Levels of Performance	4		5
Scale Scores			
2005	120 - 200		
2006-2014	120 - 419		
2015-2017			650 - 850



Illinois Academic Testing in a State of Flux Because:

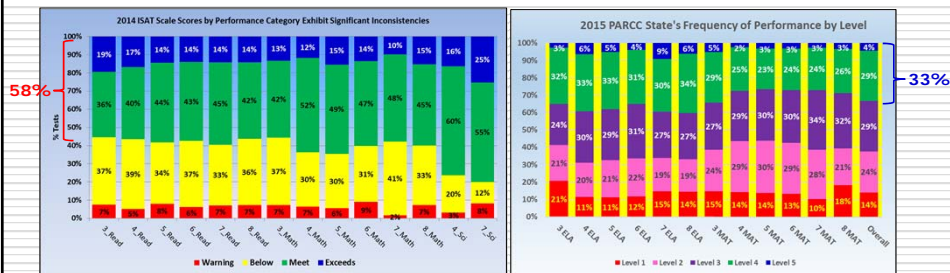
- ❑ Test scores not directly comparable between:
 - Types of assessment (ISAT, PARCC)
 - Subject matter
 - Grades
 - Years
- ❑ Not amenable to time line perspective
- ❑ How do test results help the kids?



ISAT and PARCC Top Two Levels are ISBE Standard?

In 2014 58% Students were Meeting or Exceeding¹ State Standards

In 2015 33% Students were Meeting State PARCC Standards



Did student performance really change that much?

Notes: (1) Reading and Mathematics only
Source: 2014 and 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



ACADEMICS



Elements of Academic Measurement

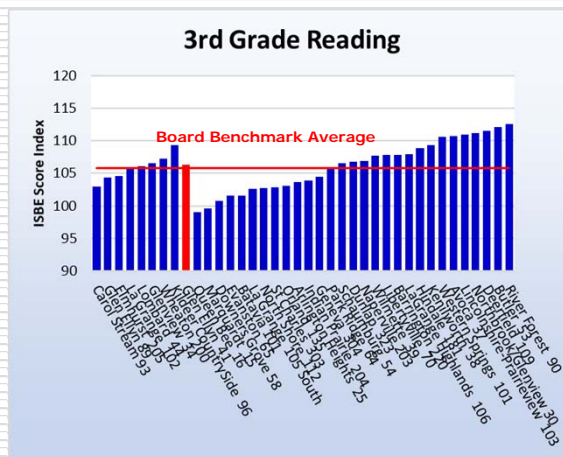
- Levels
 - Normalized comparable scores
- Improvement (growth)
 - Year to year change of scores
 - Trends – short and long term
- Expectations
 - Based upon demographic characteristics



ACADEMICS - READING



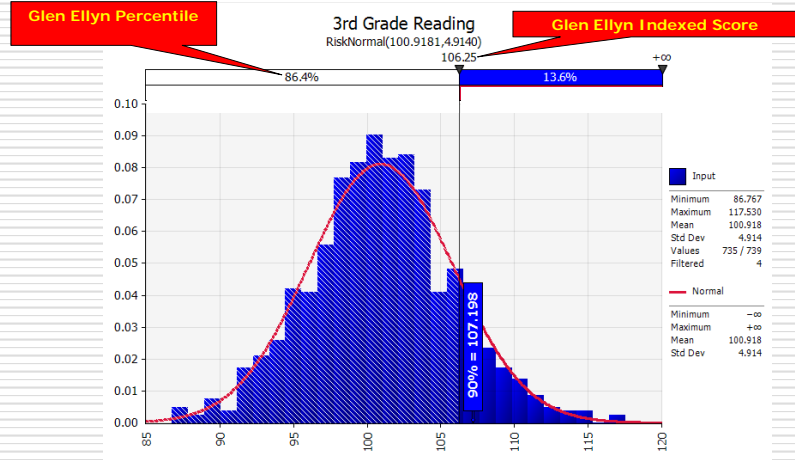
3rd Grade Reading vs. Benchmarks Glen Ellyn At Benchmark Average



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



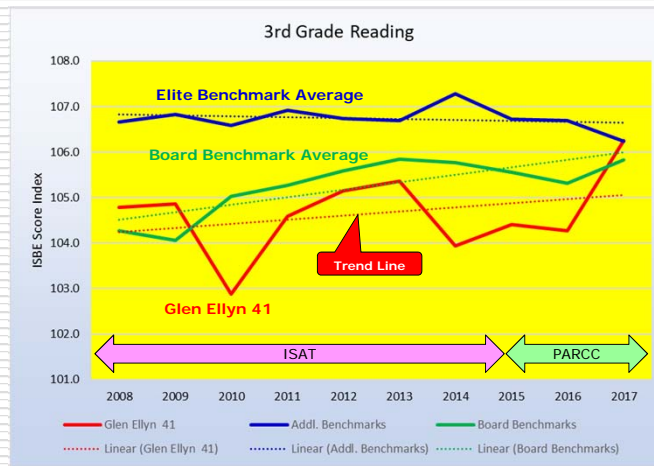
3rd Grade Reading in State: Ranks in the State's top 14%



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



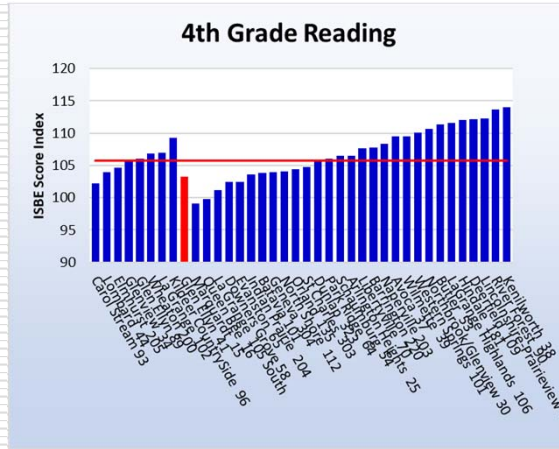
3rd Grade Reading Trends:



Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



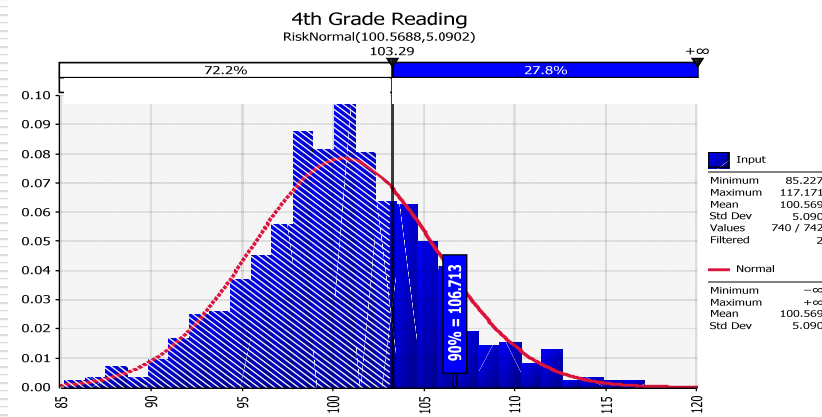
4th Grade Reading: Below Benchmark Average



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



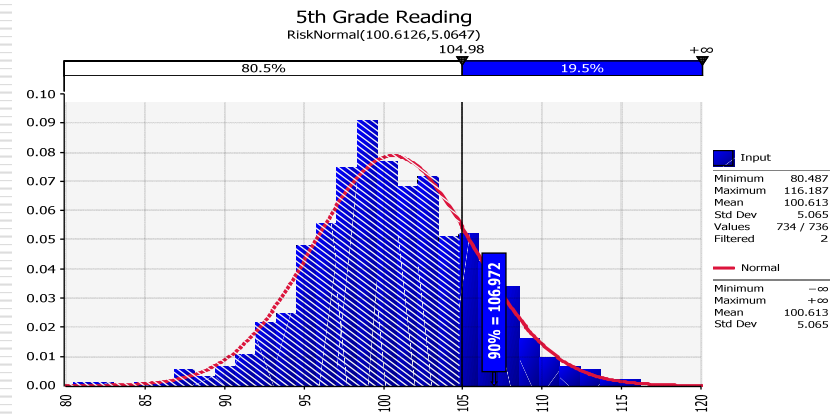
4th Grade Reading: Ranking in Top 28%



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



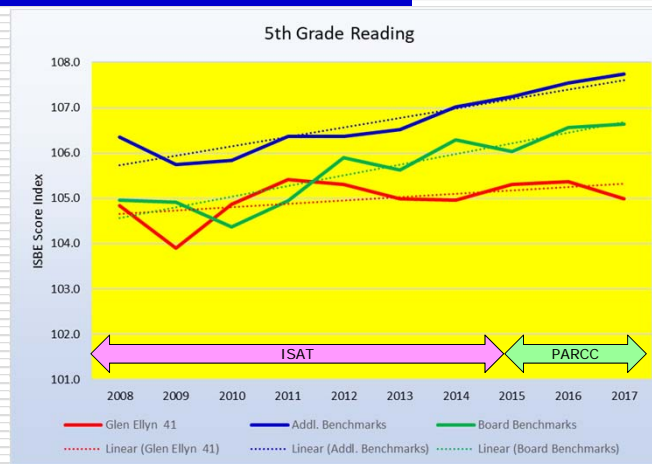
5th Grade Reading Ranking in State's Top 20%



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



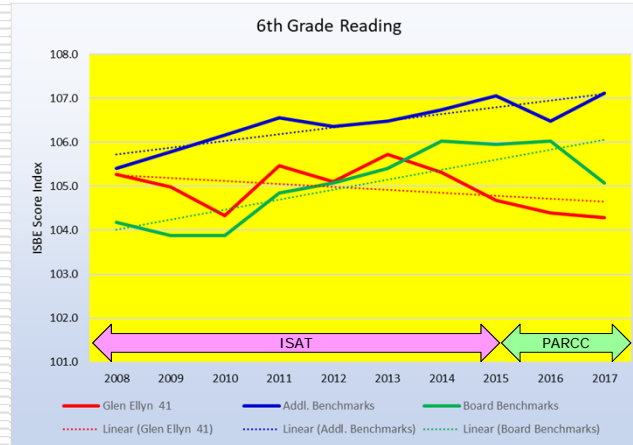
5th Grade Reading



Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



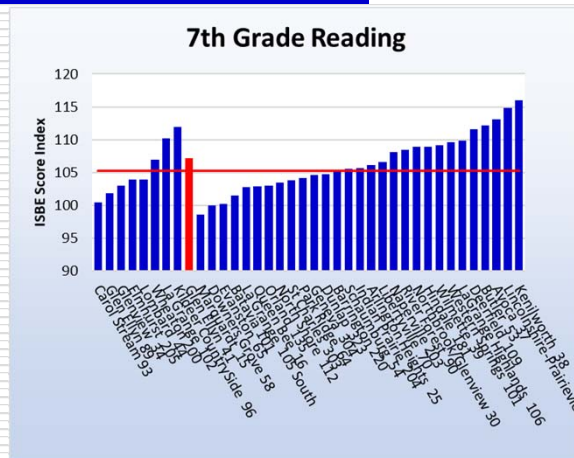
6th Grade Reading



Source: 2005 - 2017 ISBE Media databases
 Tabulated by: Advantage Analytics, LLC



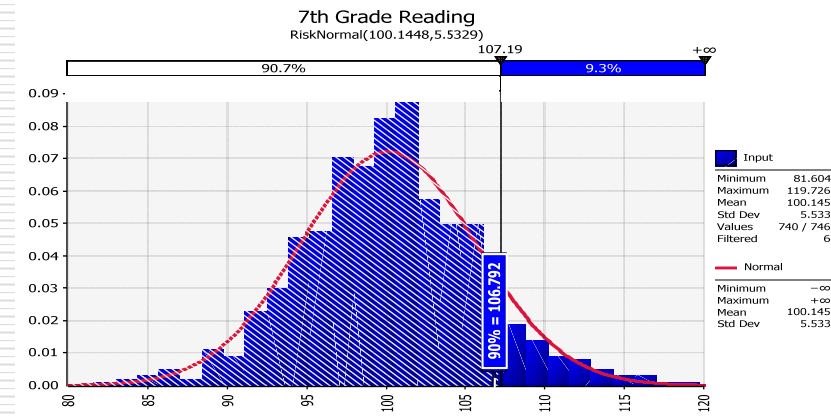
7th Grade Reading Above Benchmark Average



Source: 2017 ISBE Media database
 Tabulated by: Advantage Analytics, LLC



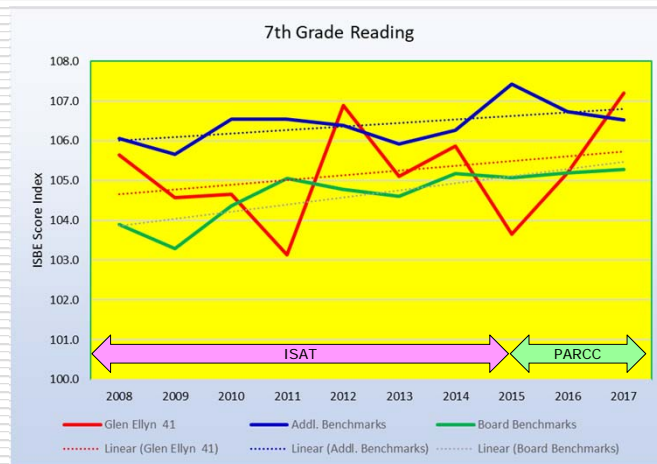
7th Grade Reading Top 9% of State



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



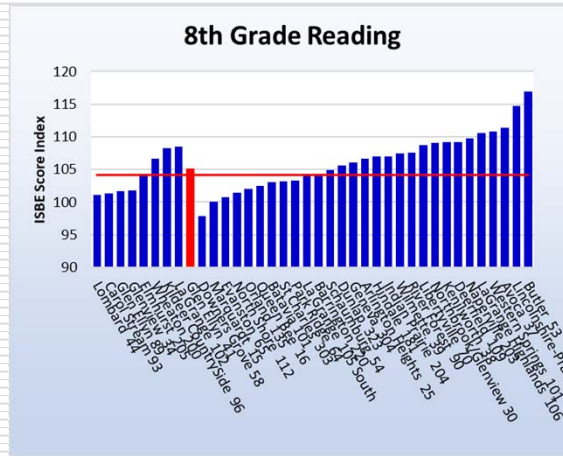
7th Grade Reading



Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



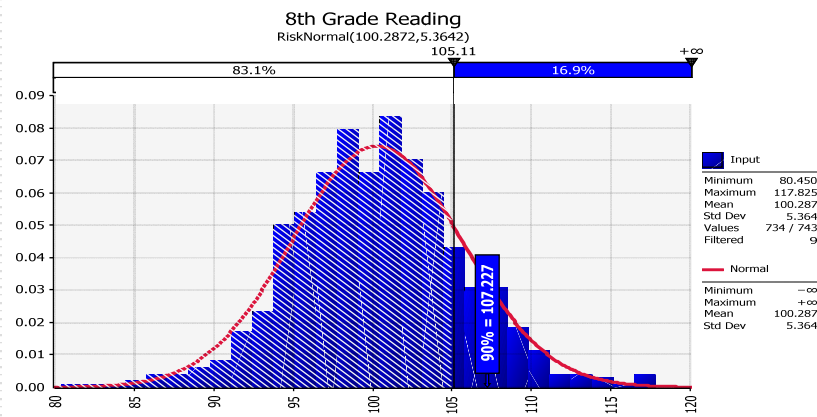
8th Grade Reading At Benchmark Average



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



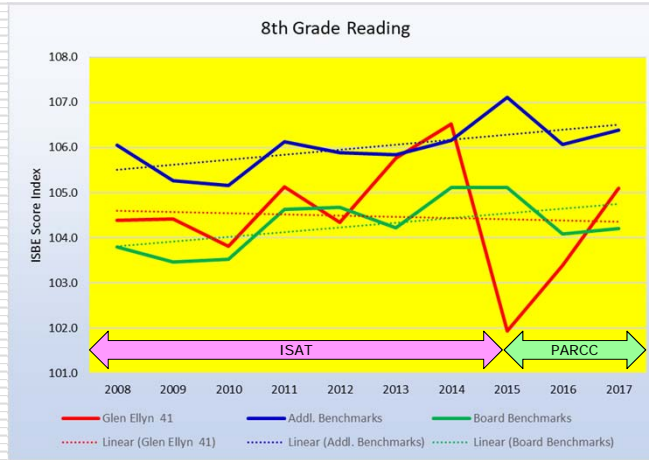
8th Grade Reading Ranks Among top 17%



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



8th Grade Reading



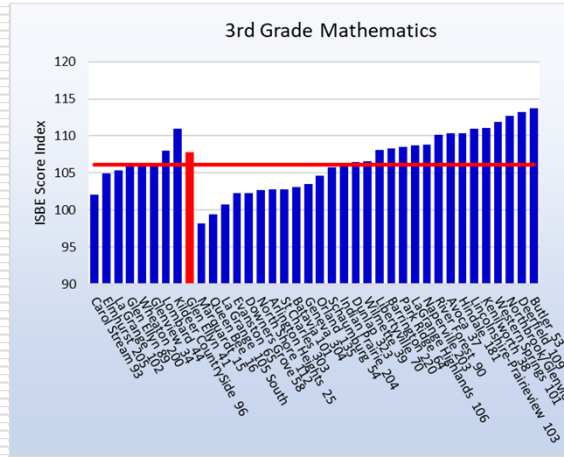
Source: 2005 - 2017 ISBE Media databases
 Tabulated by: Advantage Analytics, LLC



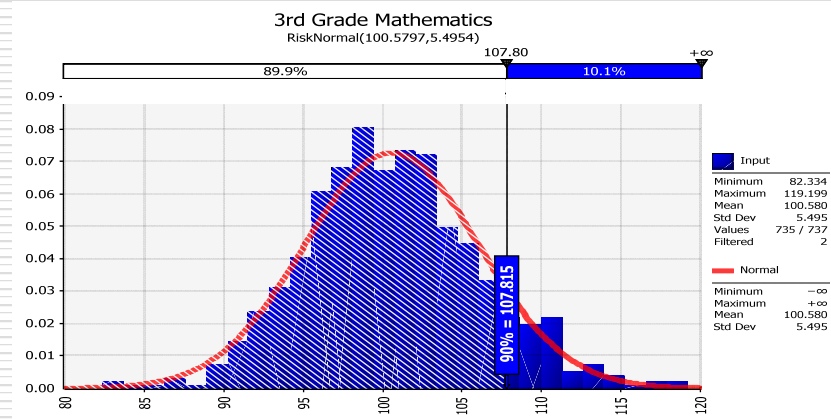
ACADEMICS - MATHEMATICS



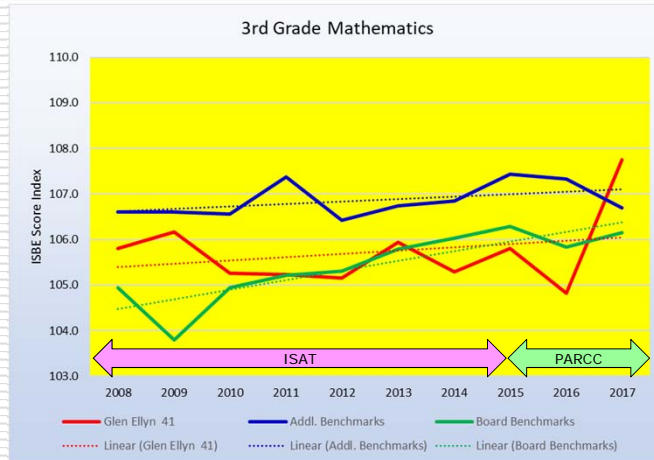
3rd Grade Mathematics Above Benchmark Average



3rd Grade Mathematics Ranking in Top 10%



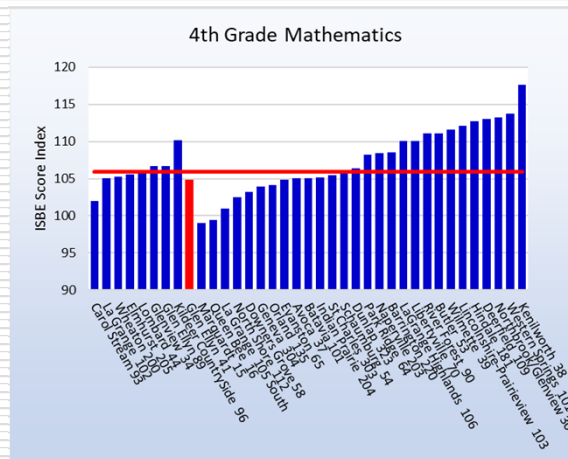
3rd Grade Mathematics



Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



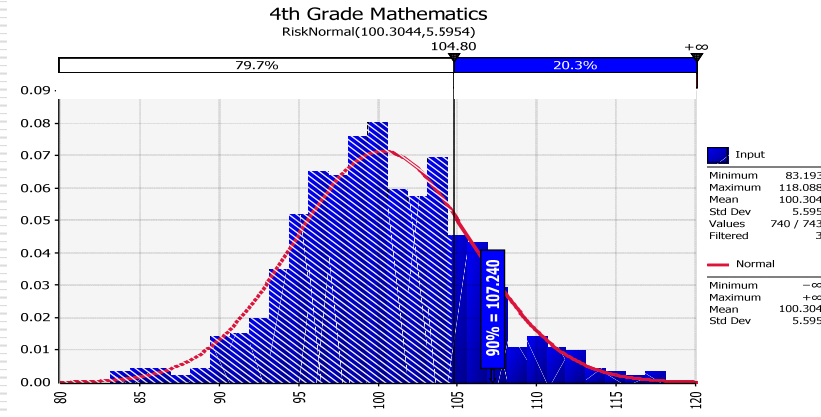
4th Grade Mathematics At About the Benchmark Average



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



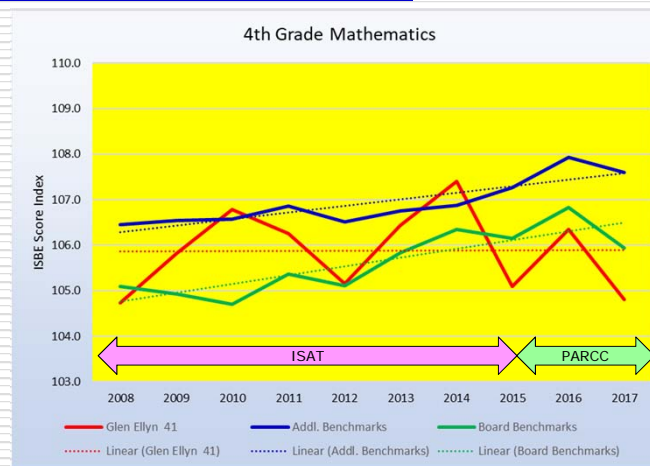
4th Grade Mathematics Top 20% of State Districts



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



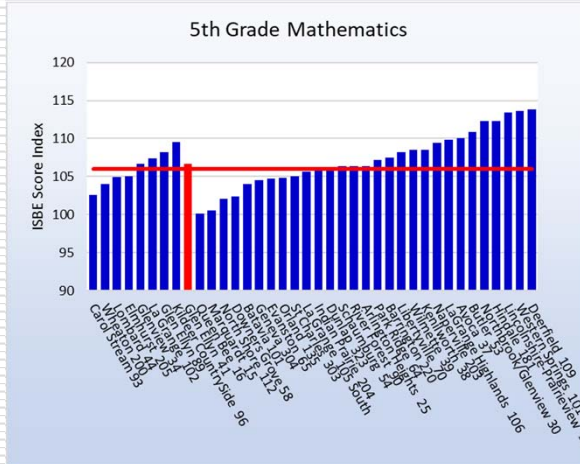
4th Grade Mathematics



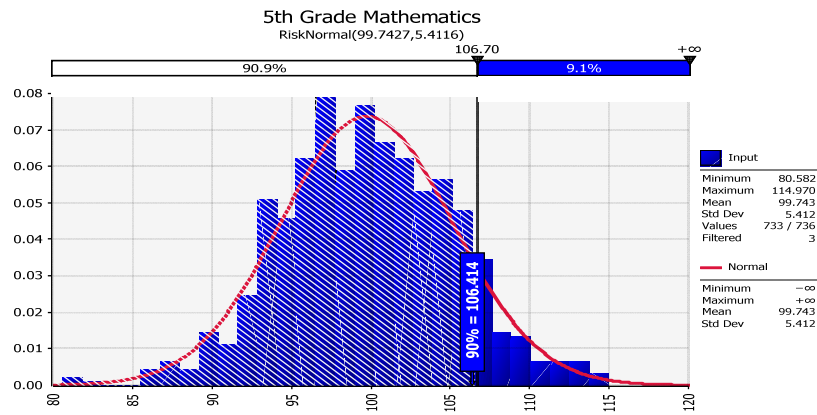
Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



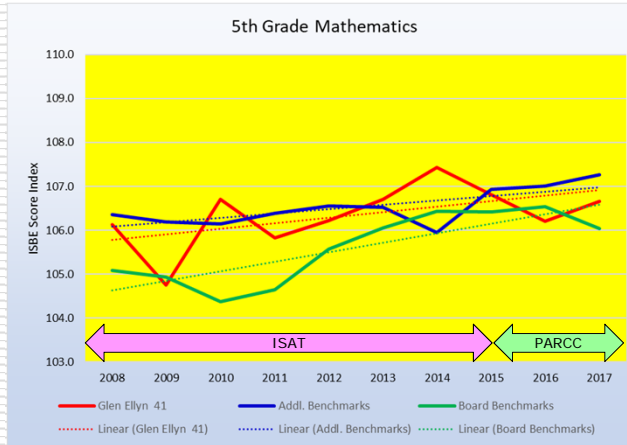
5th Grade Mathematics At Benchmark Average



5th Grade Mathematics In State's top 9%



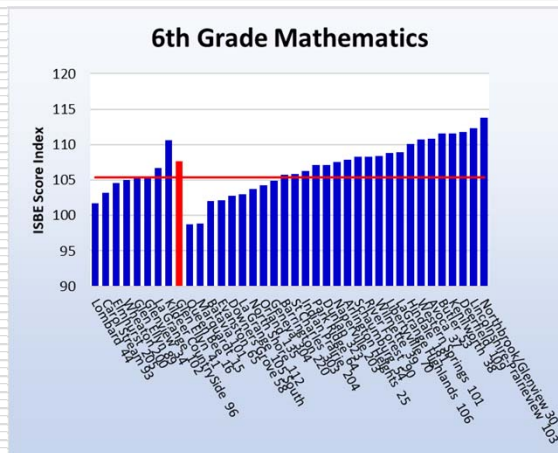
5th Grade Mathematics



Source: 2005 - 2017 ISBE Media databases
 Tabulated by: Advantage Analytics, LLC



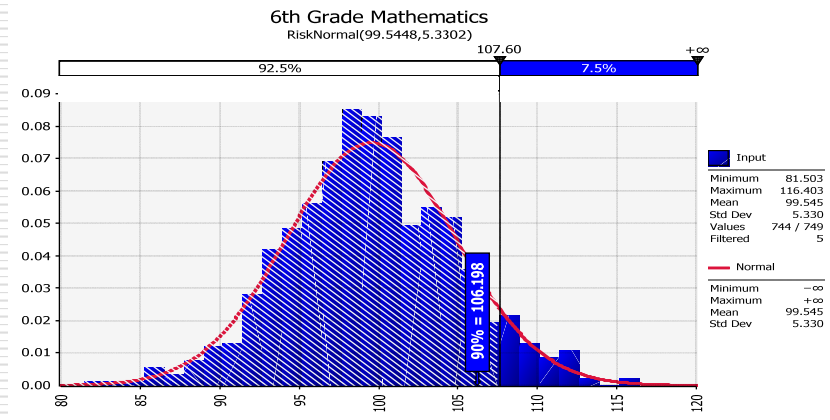
6th Grade Mathematics Above Benchmark Average



Source: 2017 ISBE Media database
 Tabulated by: Advantage Analytics, LLC



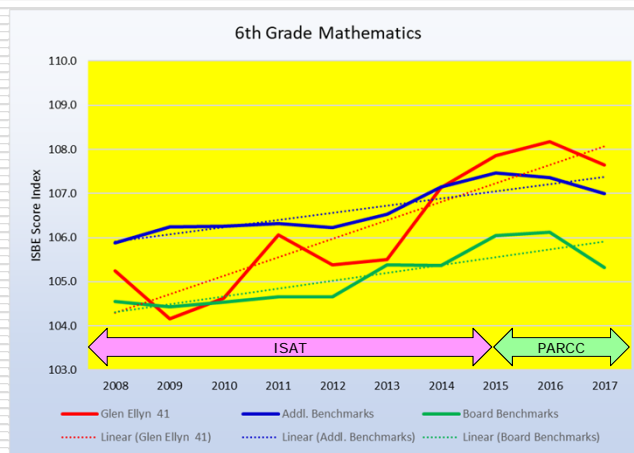
6th Grade Mathematics Top 8% of State



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



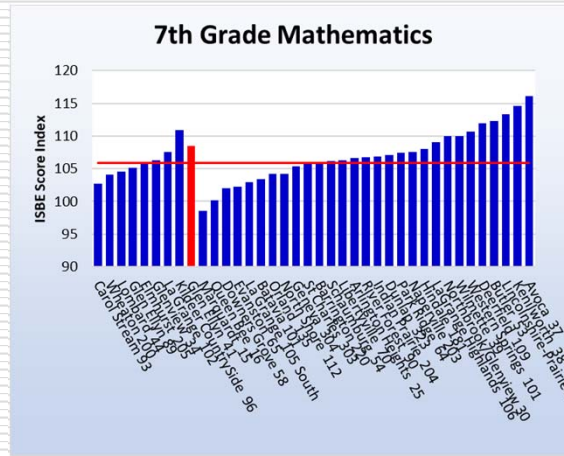
6th Grade Mathematics



Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



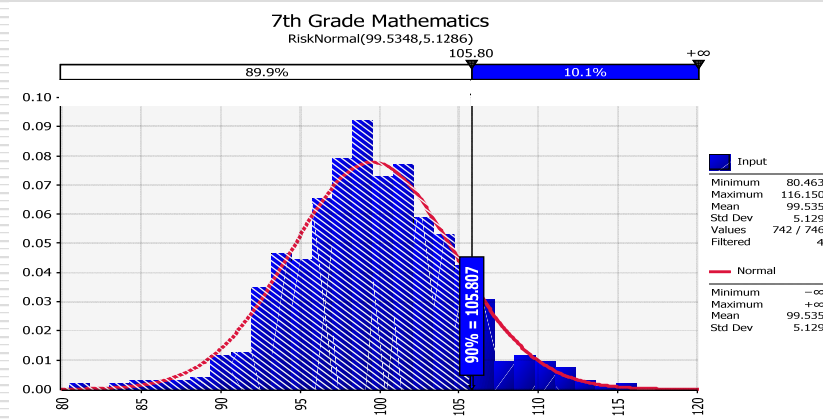
7th Grade Mathematics Above Benchmark Average



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



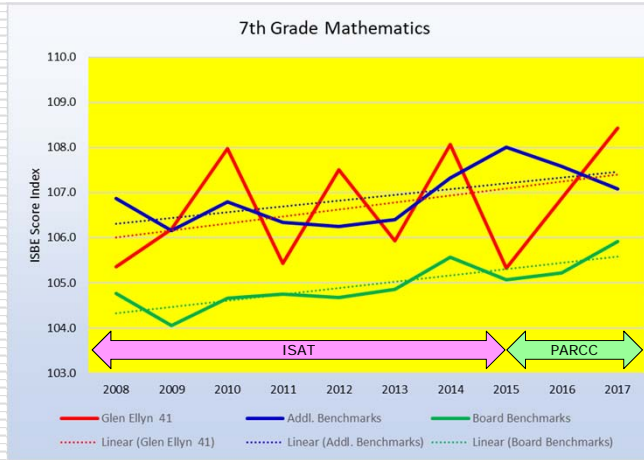
7th Grade Mathematics Top 10% of State Districts



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



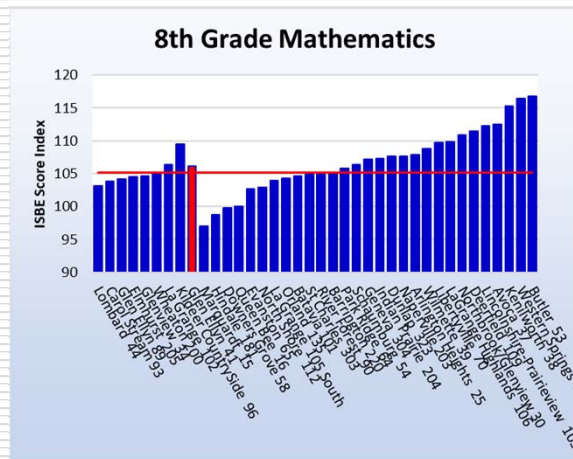
7th Grade Mathematics



Source: 2005 - 2017 ISBE Media databases
 Tabulated by: Advantage Analytics, LLC



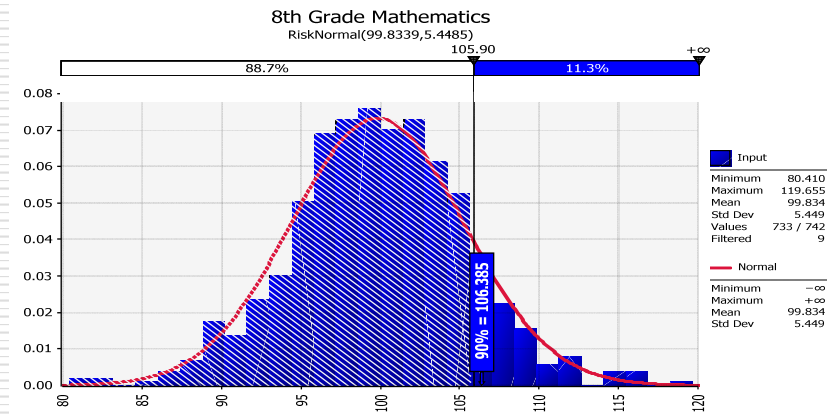
8th Grade Mathematics At Benchmark Norm



Source: 2017 ISBE Media database
 Tabulated by: Advantage Analytics, LLC



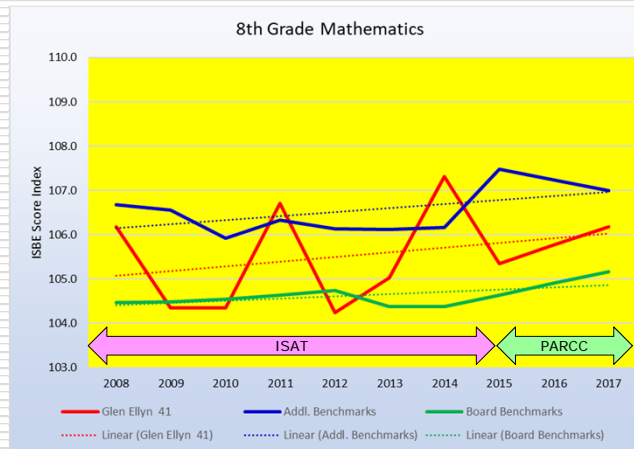
8th Grade Mathematics Top 11% In State



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



8th Grade Mathematics



Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



ACADEMICS - OVERALL



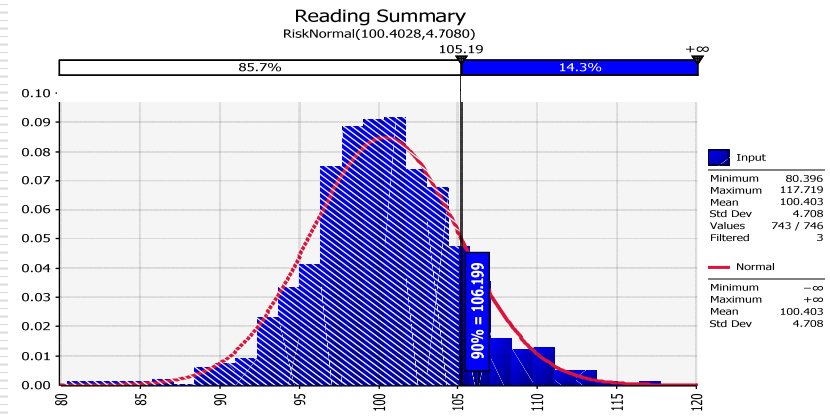
Reading Overall At Benchmark Average



Source: 2014 ISBE Media database
Tabulated by: Advantage Analytics, LLC



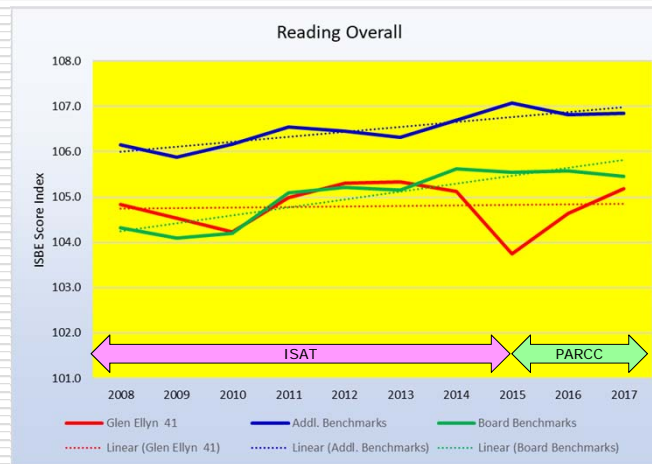
Reading Top 14% of State Districts



Source: 2014 ISBE Media database
Tabulated by: Advantage Analytics, LLC



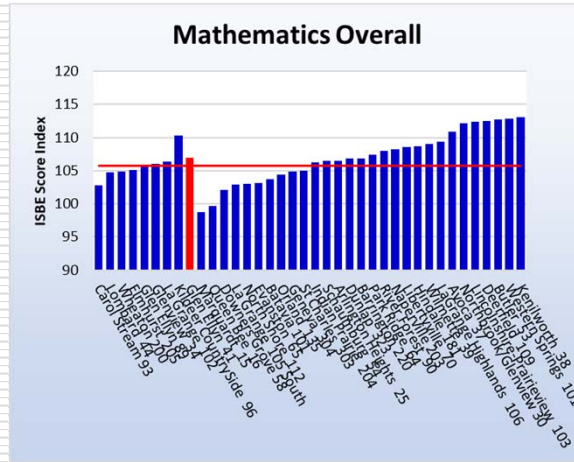
Reading Overall



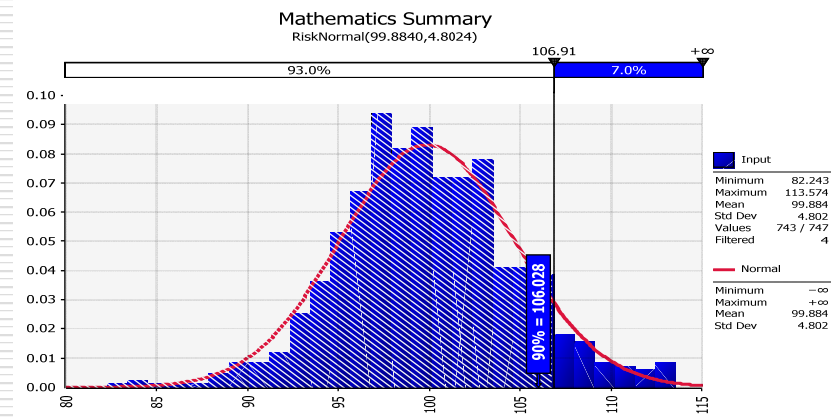
Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



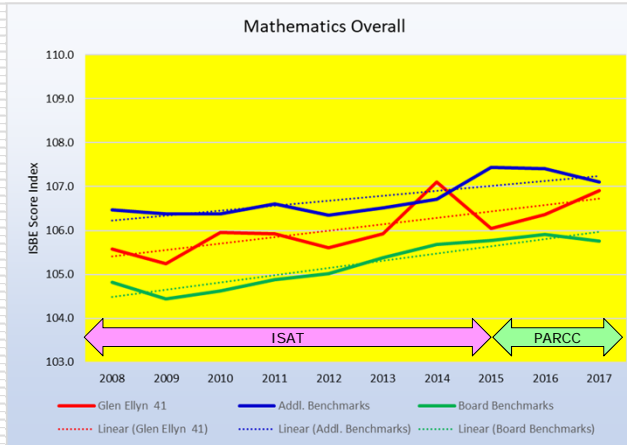
Mathematics Above Benchmark Average



Mathematics In State's Top 7%!



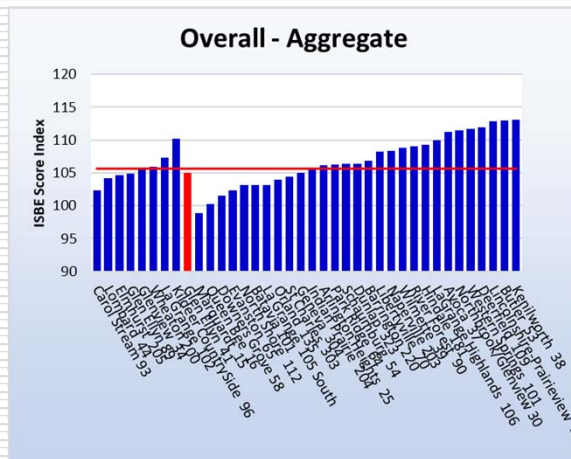
Mathematics Overall



Source: 2005 - 2017 ISBE Media databases
 Tabulated by: Advantage Analytics, LLC



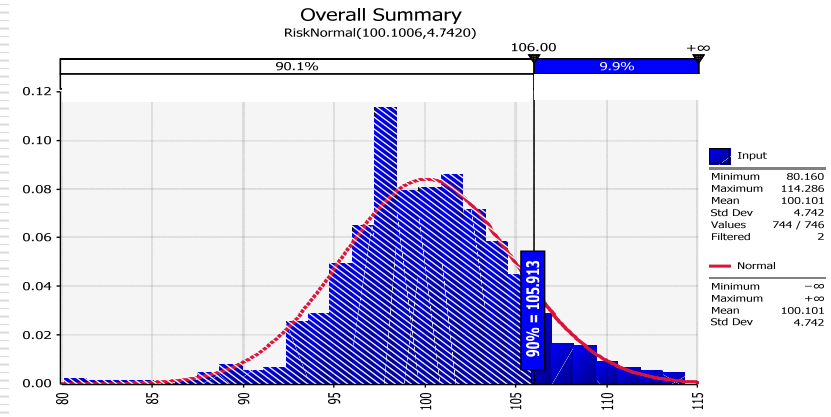
In Aggregate: About Benchmark Norm



Source: 2017 ISBE Media database
 Tabulated by: Advantage Analytics, LLC



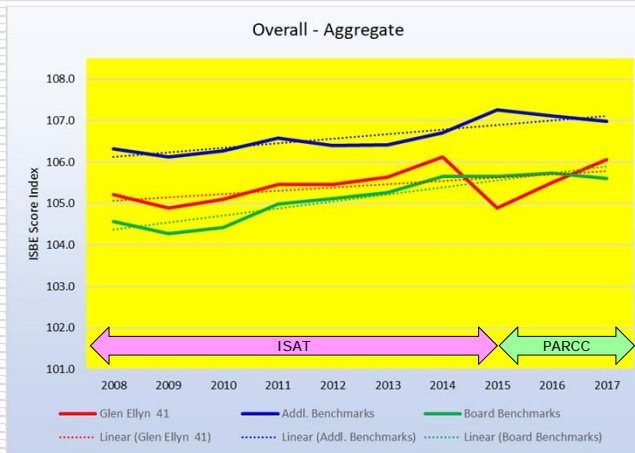
Overall: Glen Ellyn 41 Ranks in top 10% of all Districts in Illinois



Source: 2017 ISBE Media database
Tabulated by: Advantage Analytics, LLC



Overall Growth Trend and Performance



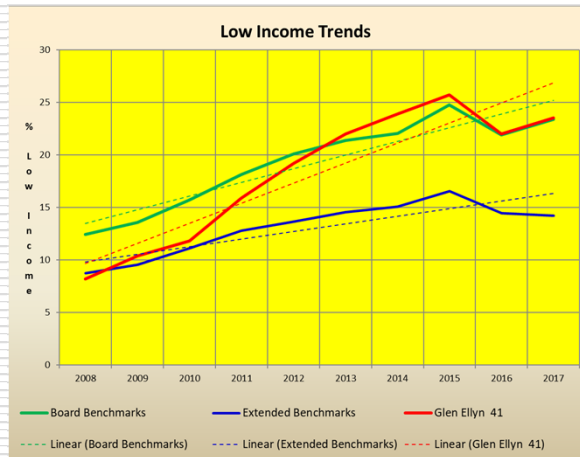
Source: 2005 - 2017 ISBE Media databases
Tabulated by: Advantage Analytics, LLC



DEMOGRAPHICS



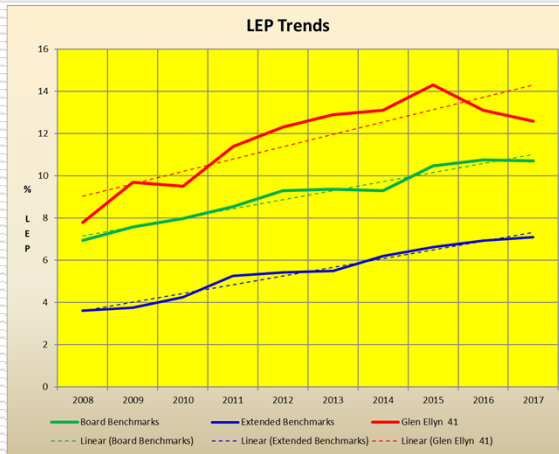
Low Income



Source: 2005 - 2017 ISBE Report Card databases
Tabulated by: Advantage Analytics, LLC



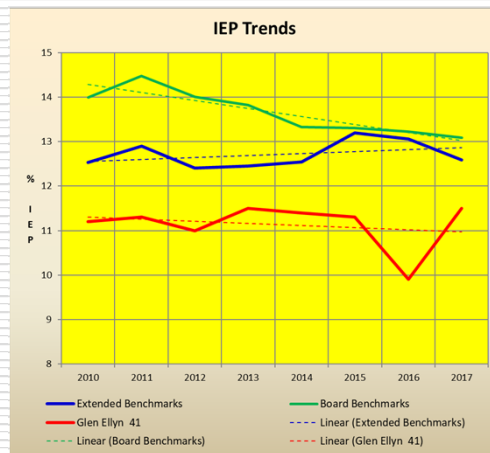
LEP



Source: 2005 - 2017 ISBE Report Card databases
 Tabulated by: Advantage Analytics, LLC



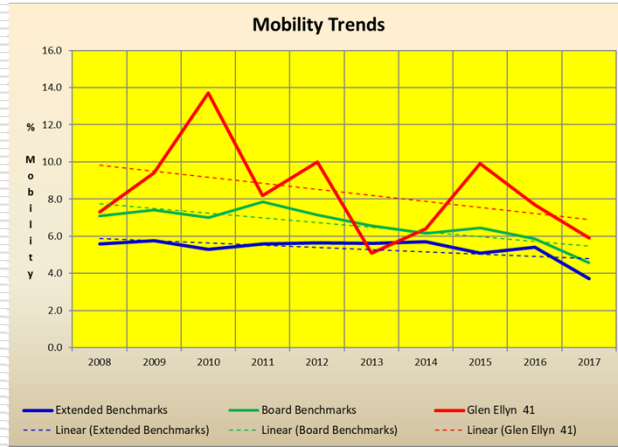
IEP



Source: 2005 - 2017 ISBE Report Card databases
 Tabulated by: Advantage Analytics, LLC



Mobility



Source: 2005 - 2017 ISBE Media databases
 Tabulated by: Advantage Analytics, LLC



Demographics:

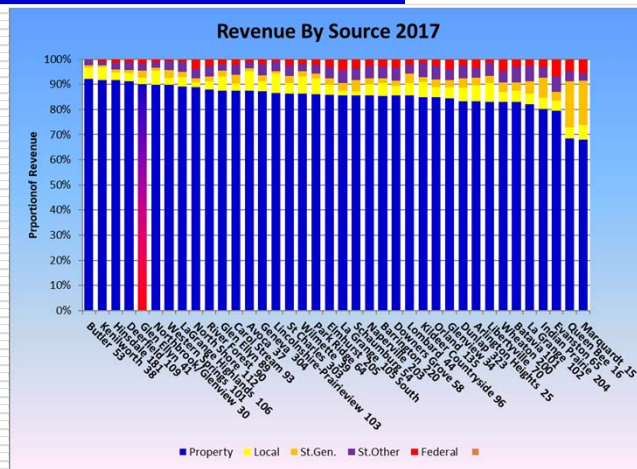
With
Low Income Families Increasing
Limited English Proficiency Growing
District 41 Must Continue to Focus Efforts



FINANCE



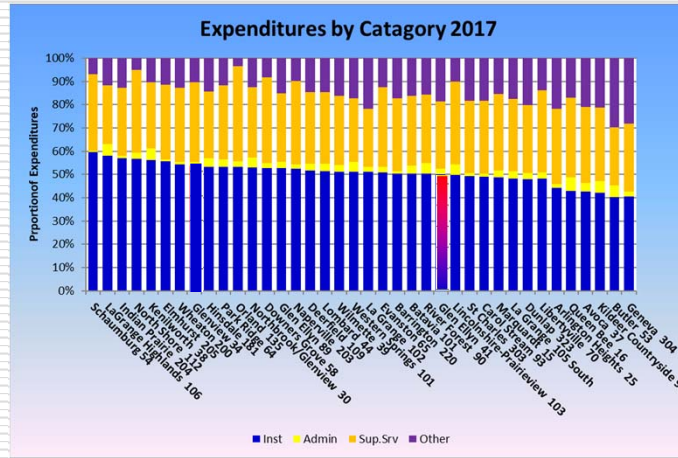
Property Tax Major Revenue Source



Source: 2017 ISBE Report Card database
Tabulated by: Advantage Analytics, LLC



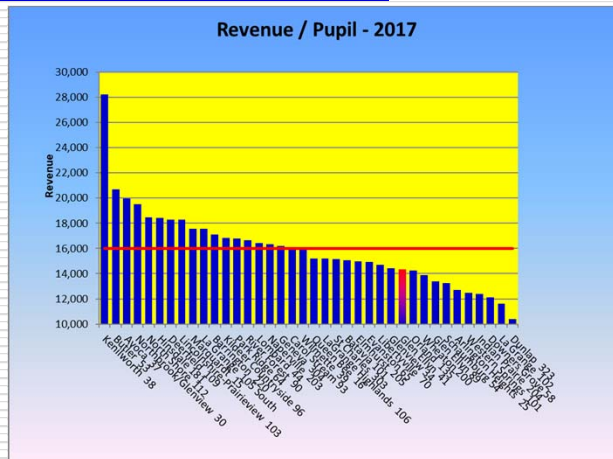
Instructional Costs Foundation of expenditures



Source: 2017 ISBE Report Card database
Tabulated by: Advantage Analytics, LLC



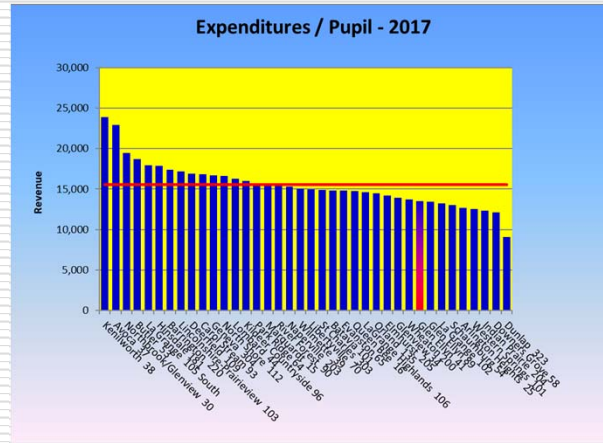
Revenue Per Pupil Well Below Benchmark Average



Source: 2017 ISBE Report Card database
Tabulated by: Advantage Analytics, LLC



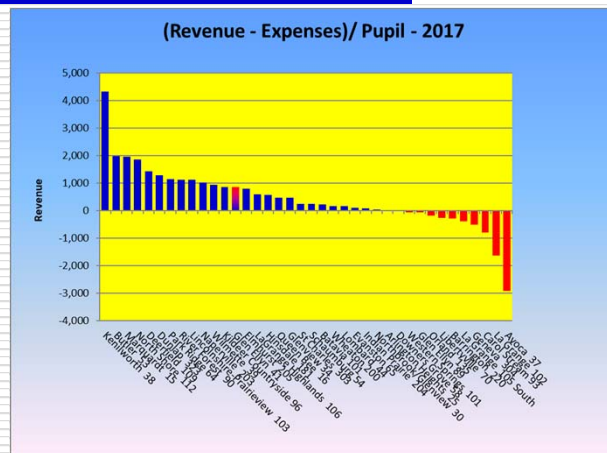
Expenditures¹ Per Pupil Below Benchmark Average



Notes: (1) Expenditures = Total Expenditures – Capital Projects
 Source: 2017 ISBE Media database
 Tabulated by: Advantage Analytics, LLC



Operational Positive Cash Flow¹ Well Above Break Even



Notes: (1) Expenditures = Total Expenditures – Capital Projects
 Source: 2017 ISBE Report Card Database
 Tabulated by: Advantage Analytics, LLC



VALUE AND EXPECTATIONS

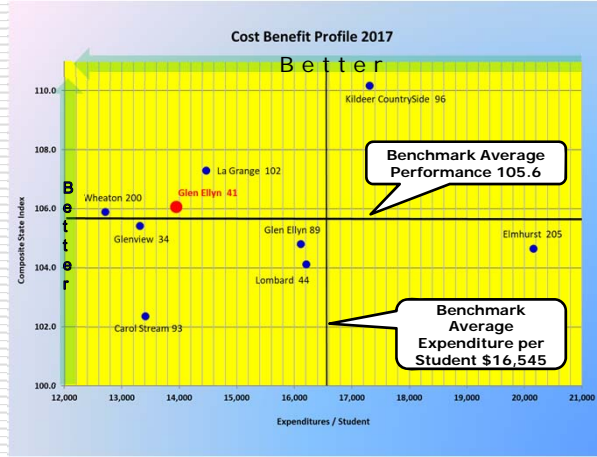


Performance Expectations are a Function of:

- Low income
 - Educational attainment of parents
 - Limited English proficiency
 - Attendance rate
 - Parental involvement
 - Mobility rate
 - Number school days
-



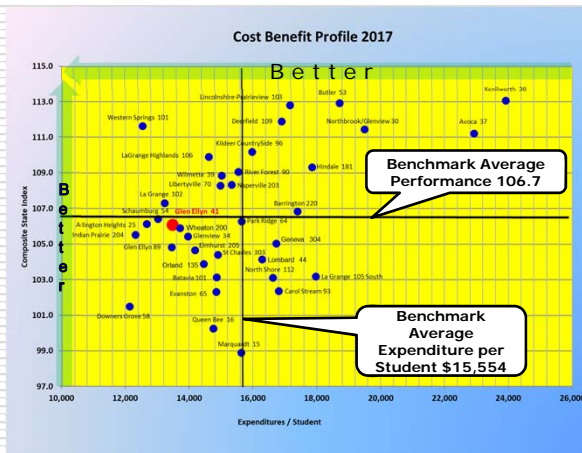
Glen Ellyn High Value (Board Benchmarks) lower cost & high performance



Source: 2017 ISBE Media and Report Card Databases
Tabulated by: Advantage Analytics, LLC

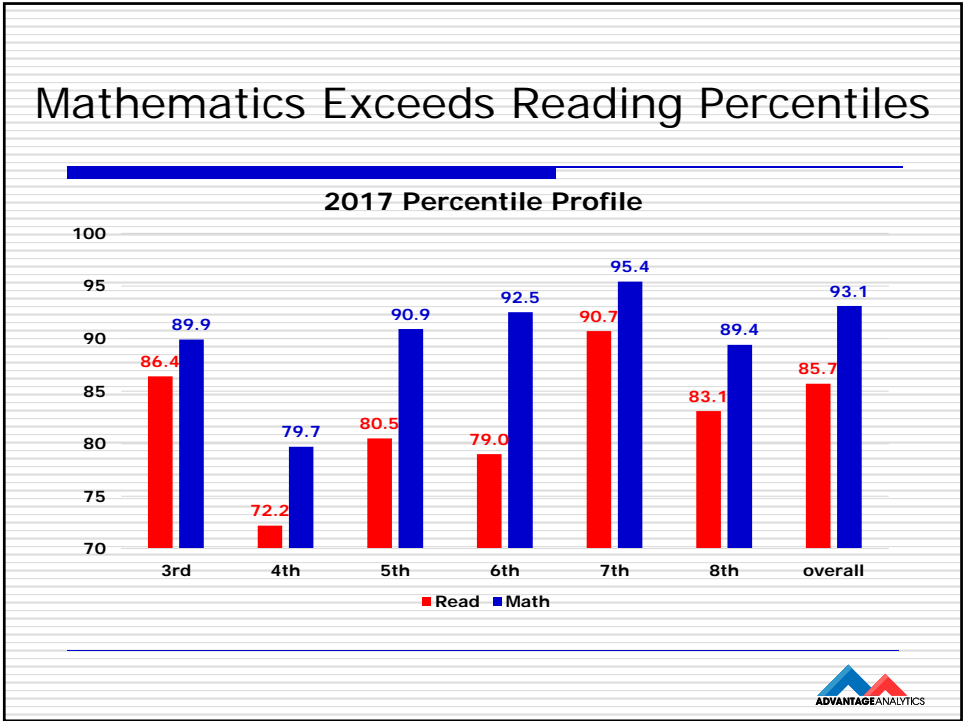


Glen Ellyn High Value (All Benchmarks) lower cost & high performance



Source: 2017 ISBE Media and Report Card Databases
Tabulated by: Advantage Analytics, LLC





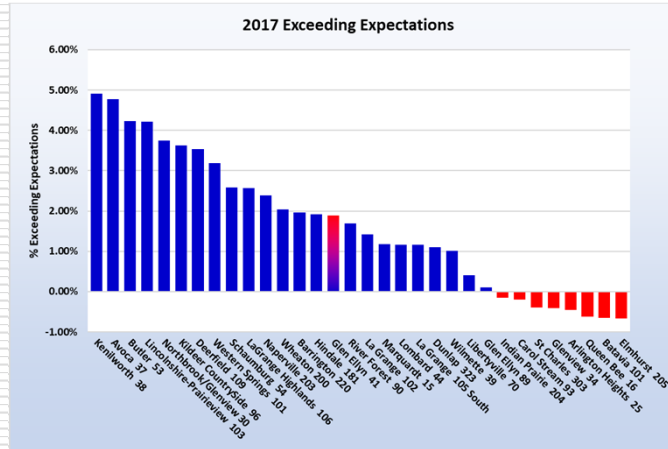
Performance by Cohorts

Cohort Profiles 2017
 Grades 8,7,6,5
 District State Rankings by Grade Subject and Year
 Glen Ellyn SD 41

Year	2012	2013	2014	2015	2016	2017	
8th Graders	3	4	5	6	7	8	8 th
Reading	114	95	100	127	116	127	
Mathematics	115	62	36	40	60	79	
7th Graders		3	4	5	6	7	7 th
Reading		102	122	74	143	69	
Mathematics		84	42	57	37	34	
6th Graders			3	4	5	6	6 th
Reading			180	68	26	55	
Mathematics			123	104	72	56	
5th Graders				3	4	5	5 th
Reading				144	123	144	
Mathematics				98	91	69	

Source: 2010-2017 ISBE Media Database
 Tabulated by: Advantage Analytics, LLC

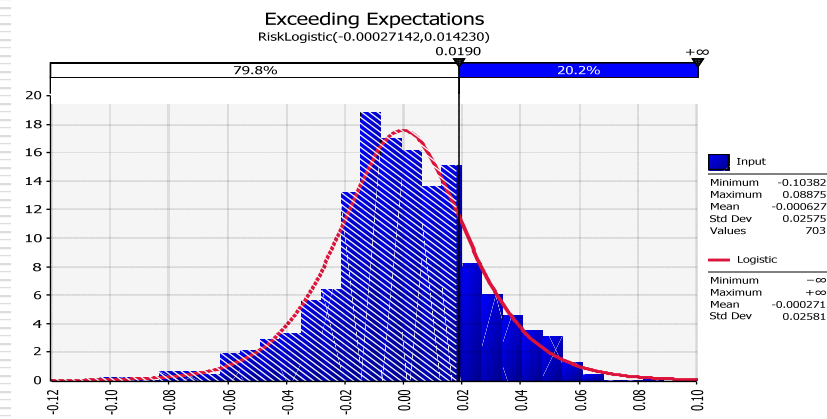
Glen Ellyn 41: Exceeding Expectations



Sources: 2017 ISBE Report Card and Media databases
US Census 2010
Tabulated by: Advantage Analytics, LLC



Glen Ellyn Ranks in top 20% in Exceeding Expectations



Sources: 2017 ISBE Report Card database
US Census 2010
Tabulated by: Advantage Analytics, LLC



Summary

- Strong Academic Performance
 - High value for tax dollar
 - Exceeding expectations
 - Trends point to areas of vulnerability
 - 4th Grade
 - Reading
 - Addressing changing demographics
 - Time to focus on precise goals
-

