



Glen Ellyn School District 41  
**2012-13 Benchmarking Study**

FOCUS ACHIEVEMENT TESTS

## New state exam benchmarks could test students, schools

Higher thresholds, tougher questions to mean on a test coming this year

**Higher standards - More students falling**

State spending index

Year	Spending
2011	100%
2012	100%
2013	100%
2014	100%
2015	100%
2016	100%
2017	100%
2018	100%
2019	100%
2020	100%
2021	100%
2022	100%
2023	100%
2024	100%
2025	100%
2026	100%
2027	100%
2028	100%
2029	100%
2030	100%

185,172

236,101

For four-year-olds would have done

Percentage of students who passed the test

Year	Percentage
2011	92.5%
2012	92.5%
2013	92.5%
2014	92.5%
2015	92.5%
2016	92.5%
2017	92.5%
2018	92.5%
2019	92.5%
2020	92.5%
2021	92.5%
2022	92.5%
2023	92.5%
2024	92.5%
2025	92.5%
2026	92.5%
2027	92.5%
2028	92.5%
2029	92.5%
2030	92.5%

Pending rates for select schools

Map of Chicago showing school districts

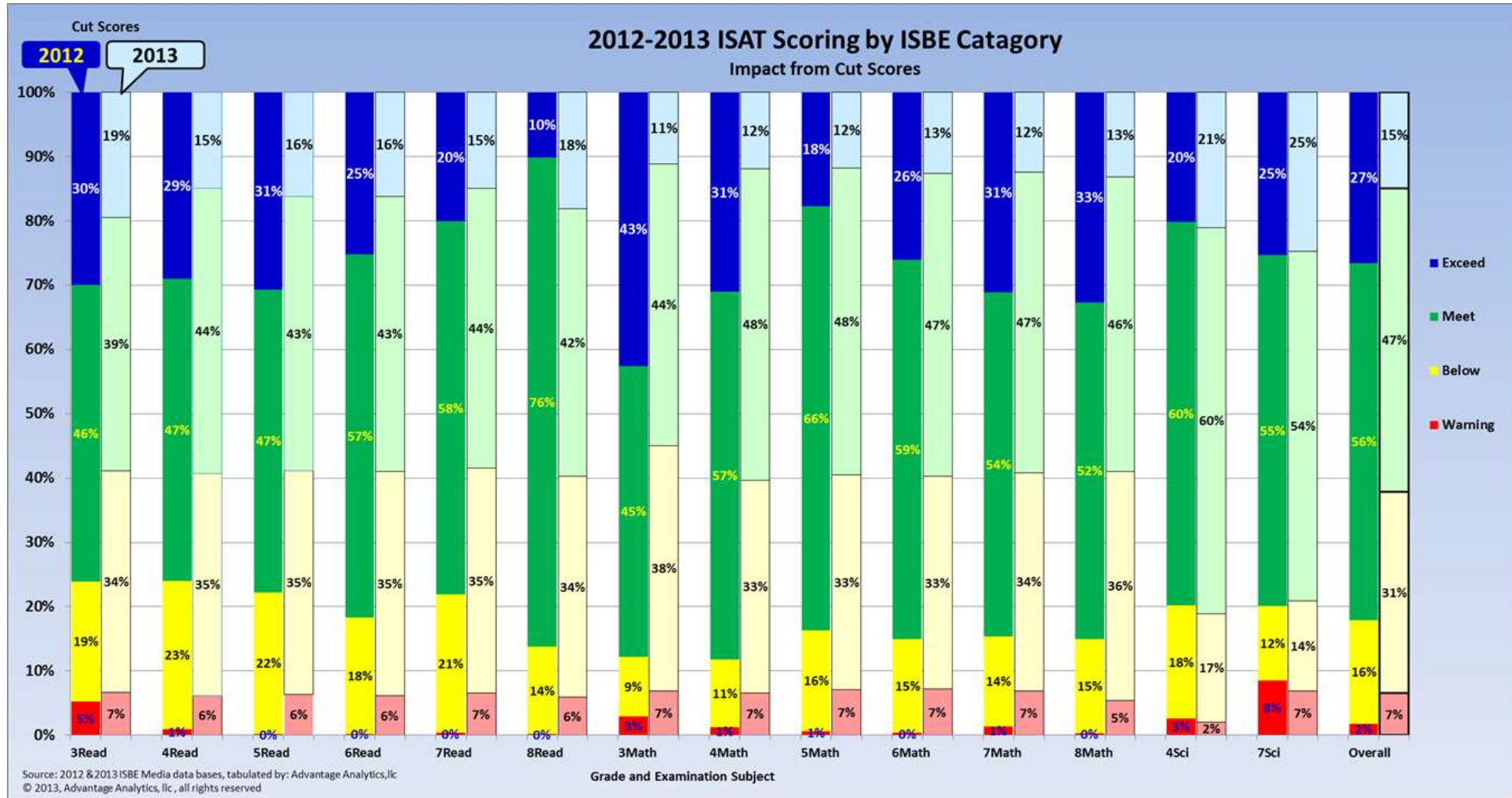
3-point descriptor

High school testing

Only about 1 percent of schools will likely meet that 92.5 percent passing standard, the lowest performance ever, according to a review by Advantage Analytics LLC, a consulting company that crunches data for Butler and other school districts.



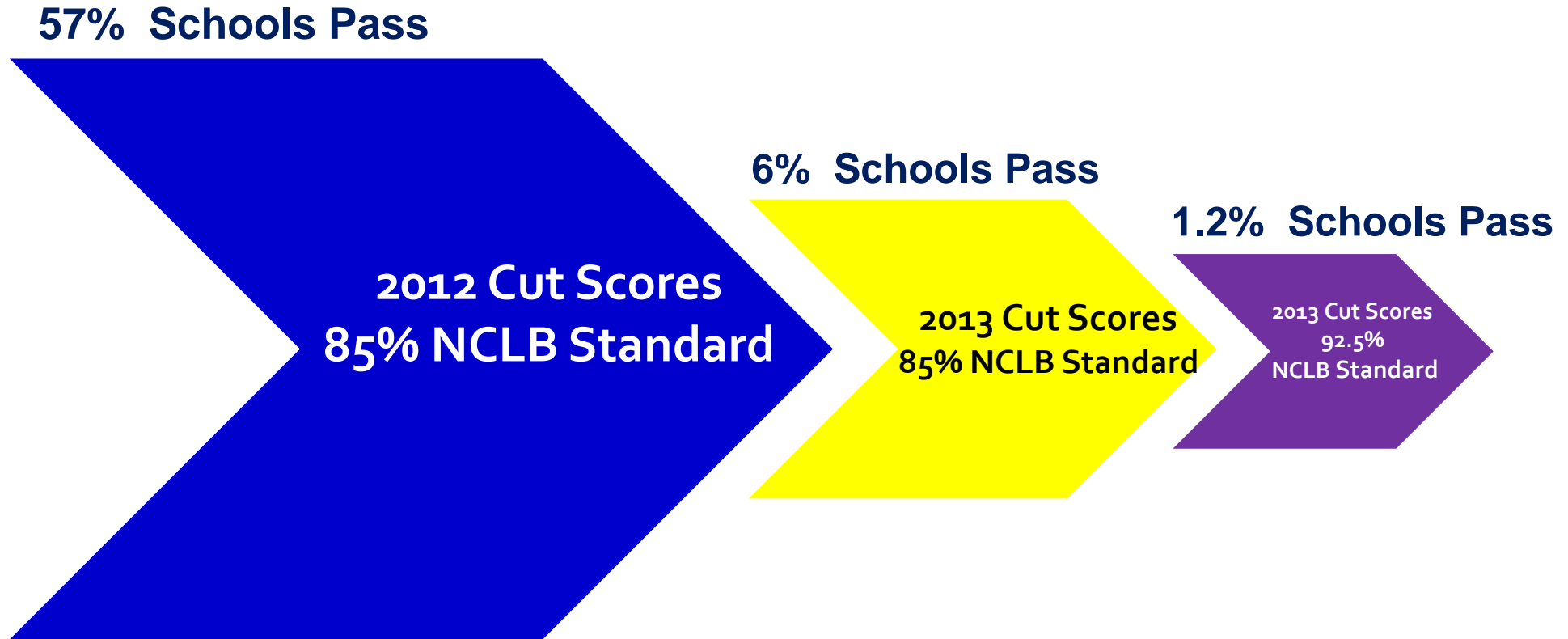
# State's "Meet and Exceed" Criteria



# Methodology

The source data used by Advantage Analytics is publicly available and includes results on the Illinois Student Achievement Test (ISAT) and financial information provided to the state by school districts. While the state provides comparisons on ISAT results, the way it does so makes it difficult to know how students are really doing. The “cut scores” the state uses to categorize Meets, Exceeds, and so forth vary by subject and change from grade-to-grade and from year-to-year. Advantage Analytics “normalizes” the data by creating an index score that overcomes distortions that are inherent in the way the state reports ISAT scores to provide a true comparative picture of their performance.

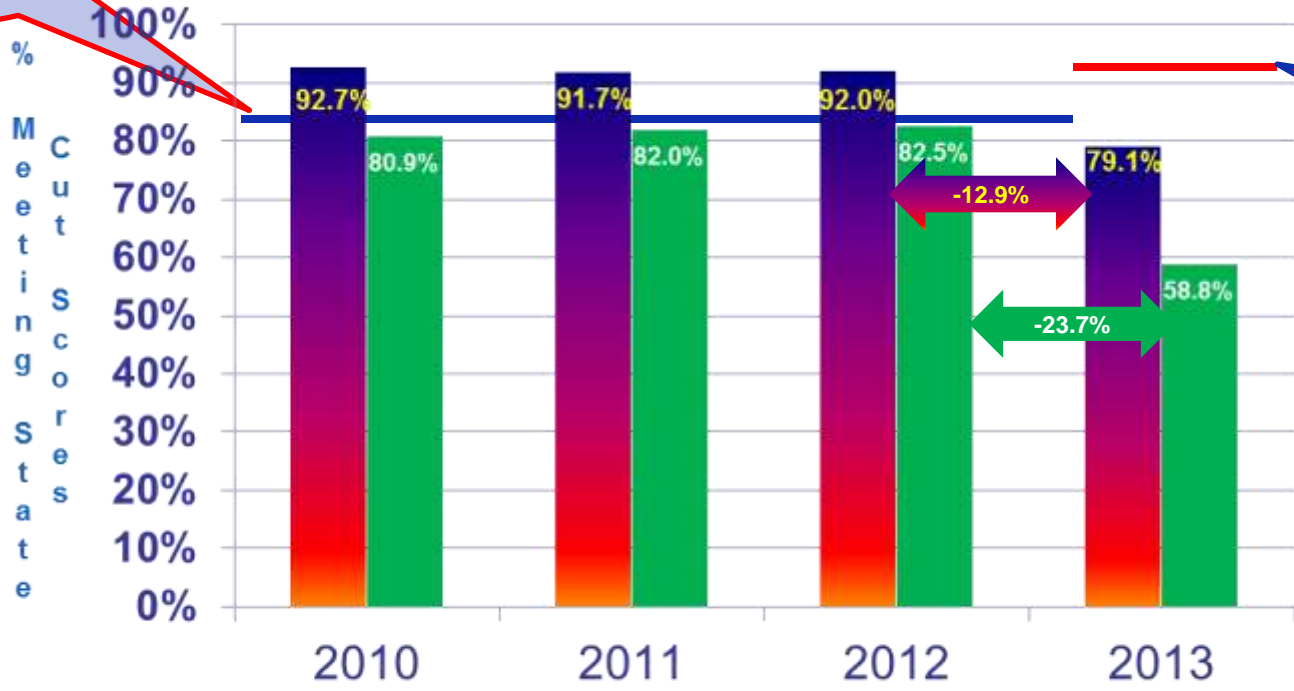
- Normalize data for the purpose of achieving comparability.
- State Average =100 for all:
  - Grades
  - Subjects
  - Years
- This is the same process as was used in District 41’s 2011 study.



Source: ISBE 2012-13 assessment data base, 2012-13 cut scores  
Tabulated by: Advantage Analytics, llc  
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# Effect on District 41 (and State) of new cut scores (Meet and Exceed)

2012 Cut Standards @ 85%



2013 Cut Standards @ 92.5%

Source: ISBE 2013 Preliminary ISAT  
Tabulated by: Advantage Analytics, llc

■ Glen Ellyn 41 ■ ISAT State Average



# Benchmark districts selected by D41<sup>1</sup>:

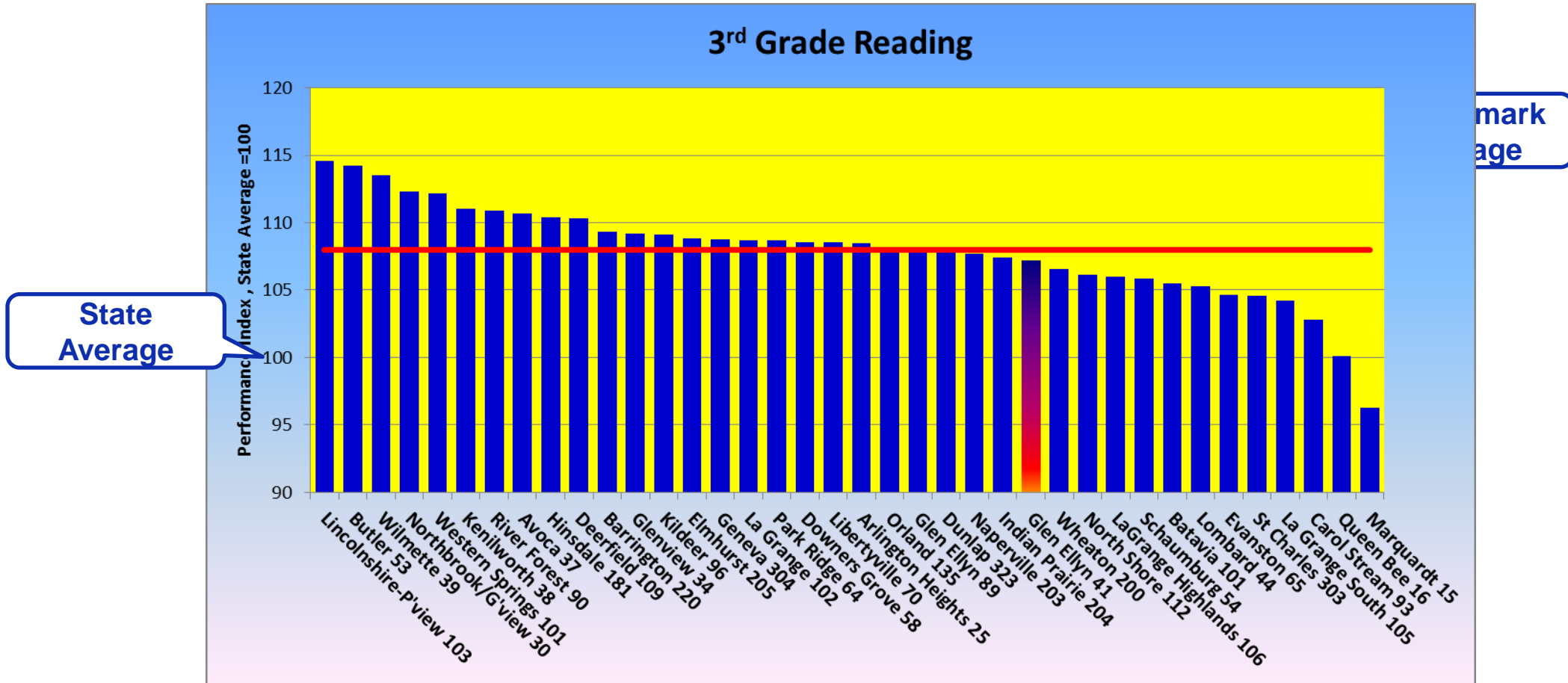
- Arlington Heights 25
- Avoca 37
- Barrington 220<sup>3</sup>
- Batavia 101<sup>3</sup>
- Butler 53
- Carol Stream 93<sup>2</sup>
- Deerfield 109
- Downers Grove 58
- Dunlap 323<sup>3</sup>
- Elmhurst 205<sup>3</sup>
- Evanston 65
- Geneva 304<sup>3</sup>
- Glen Ellyn 89<sup>2</sup>
- Glenview 34
- Hinsdale 181
- Indian Prairie 204<sup>3</sup>
- Kenilworth 38
- Kildeer Countryside 96
- La Grange 102
- La Grange 105 South
- LaGrange Highlands 106
- Libertyville 70
- Lincolnshire-Prairieview 103
- Lombard 44<sup>2</sup>
- Marquardt 15<sup>2</sup>
- Naperville 203<sup>3</sup>
- North Shore 112
- Northbrook/Glenview 30
- Orland 135
- Park Ridge 64
- Queen Bee 16<sup>2</sup>
- River Forest 90
- Schaumburg 54
- St Charles 303<sup>3</sup>
- Western Springs 101
- Wheaton 200<sup>3</sup>
- Wilmette 39

Notes: 1. District's selection committee – 2011 Glen Ellyn 41  
2. Elementary feeder districts to High School District 87  
3. Unit Districts

# ACADEMICS - READING

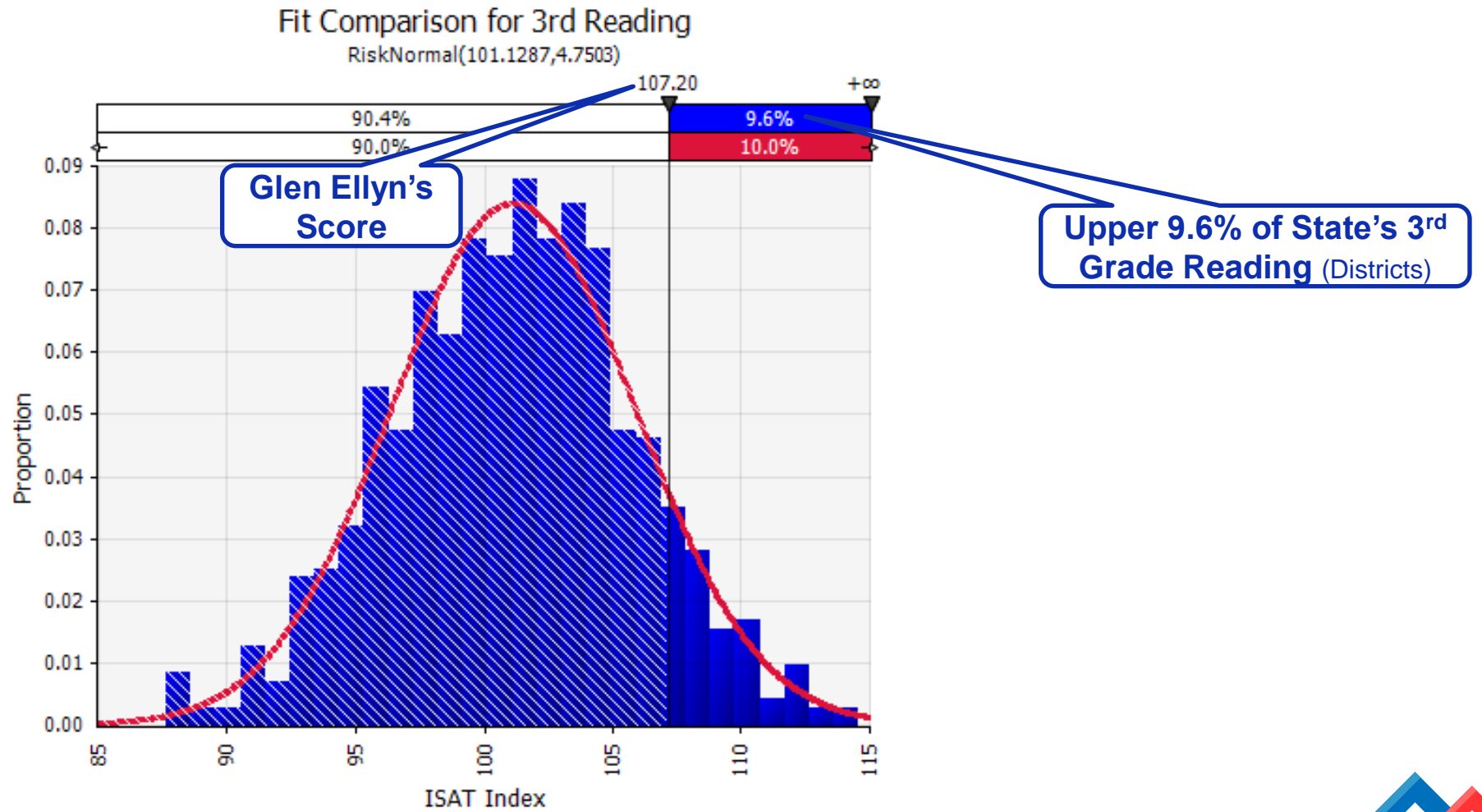


# 3<sup>rd</sup> Reading - below benchmark average

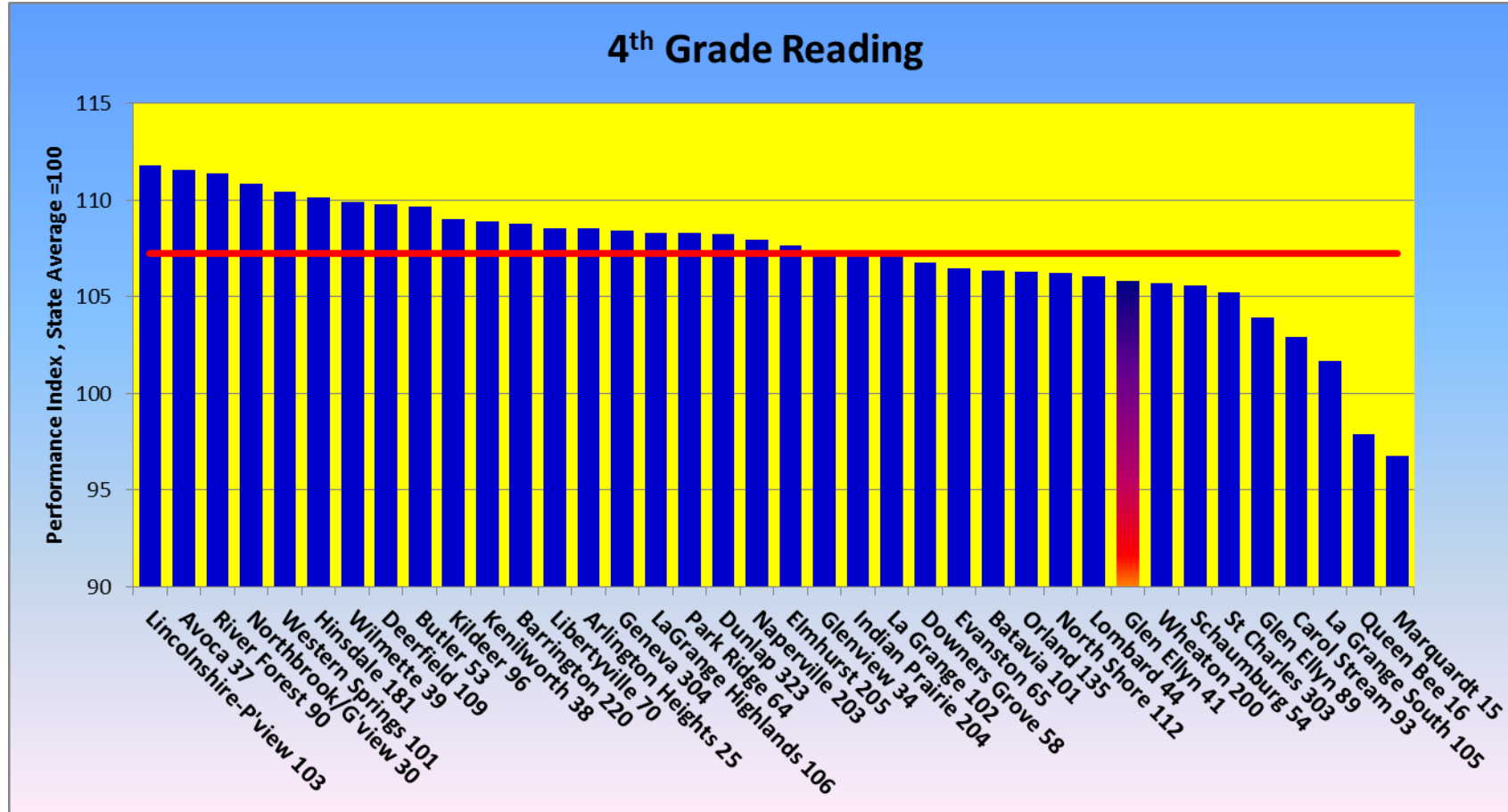


Source: 2013 ISBE Media data base  
 Tabulated by: Advantage Analytics, Ilc

# Top 10% of State

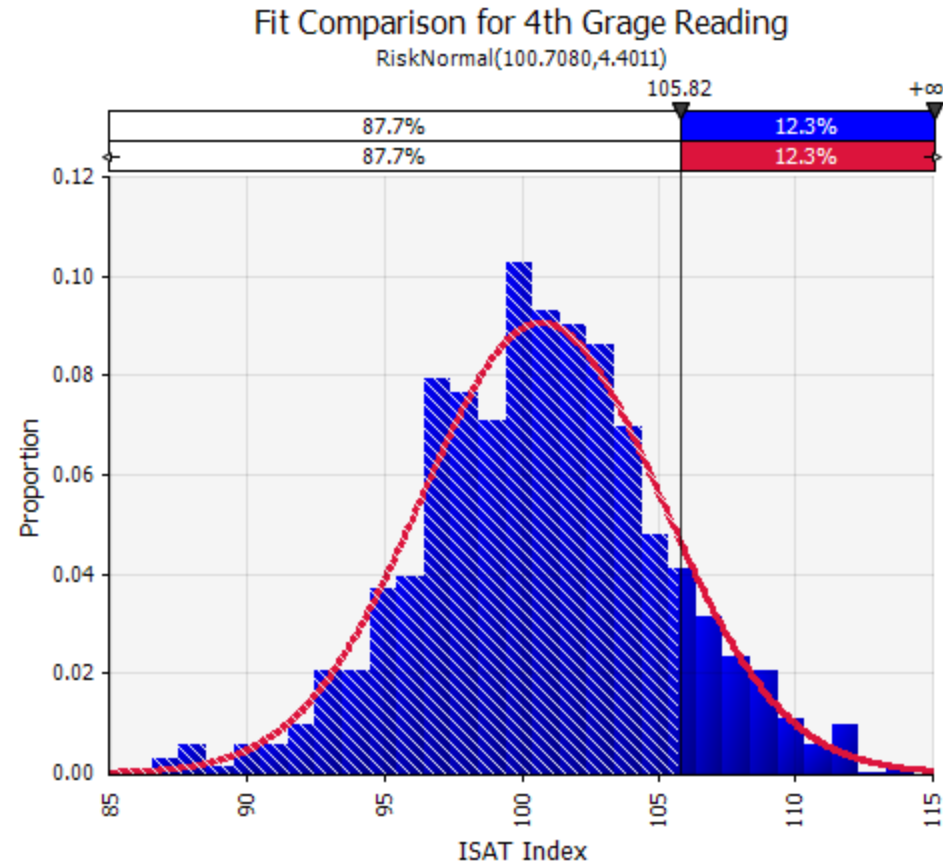


# 4<sup>th</sup> Reading - below benchmark average

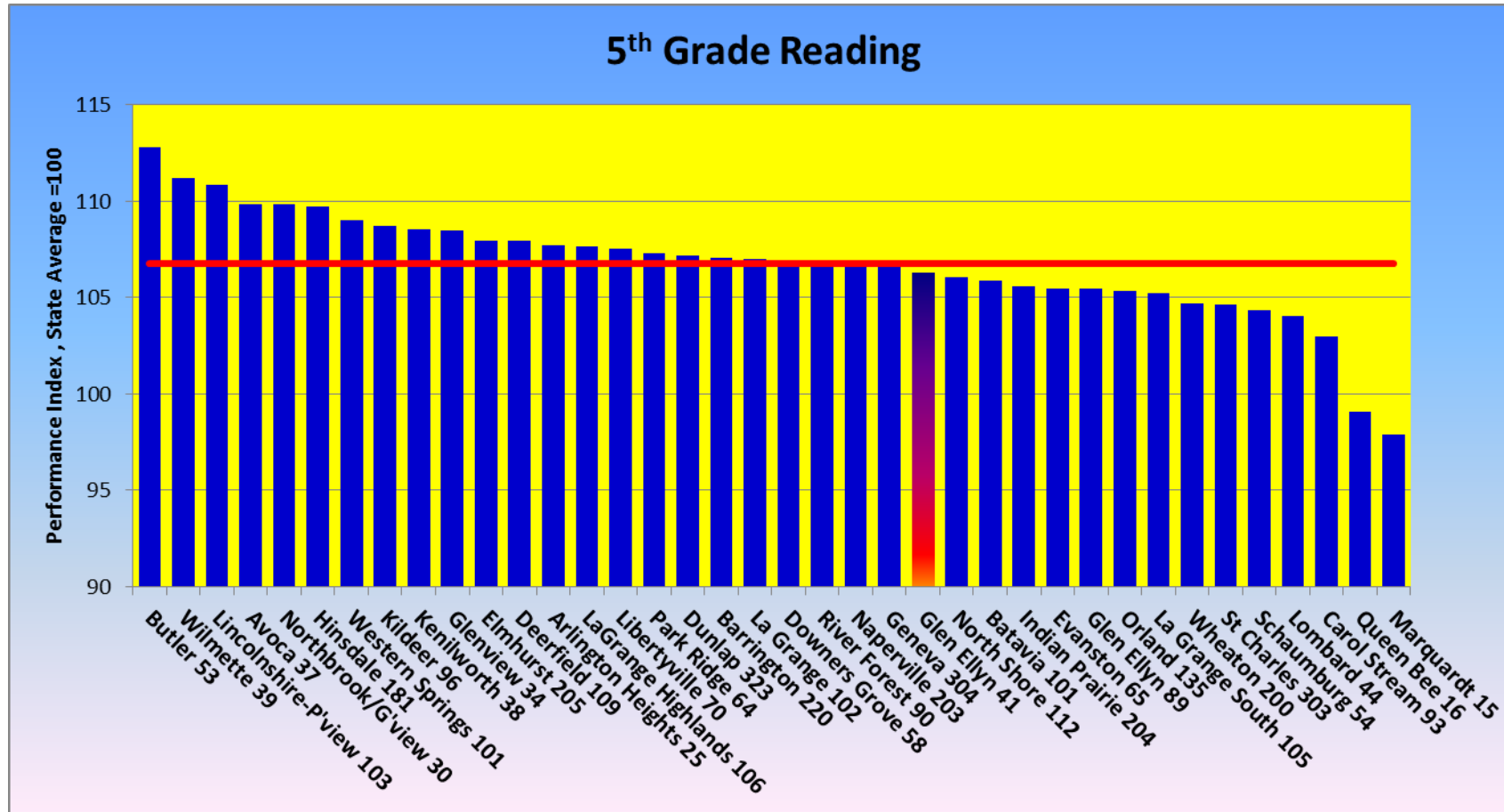


Source: 2013 ISBE Media data base  
Tabulated by: Advantage Analytics, llc

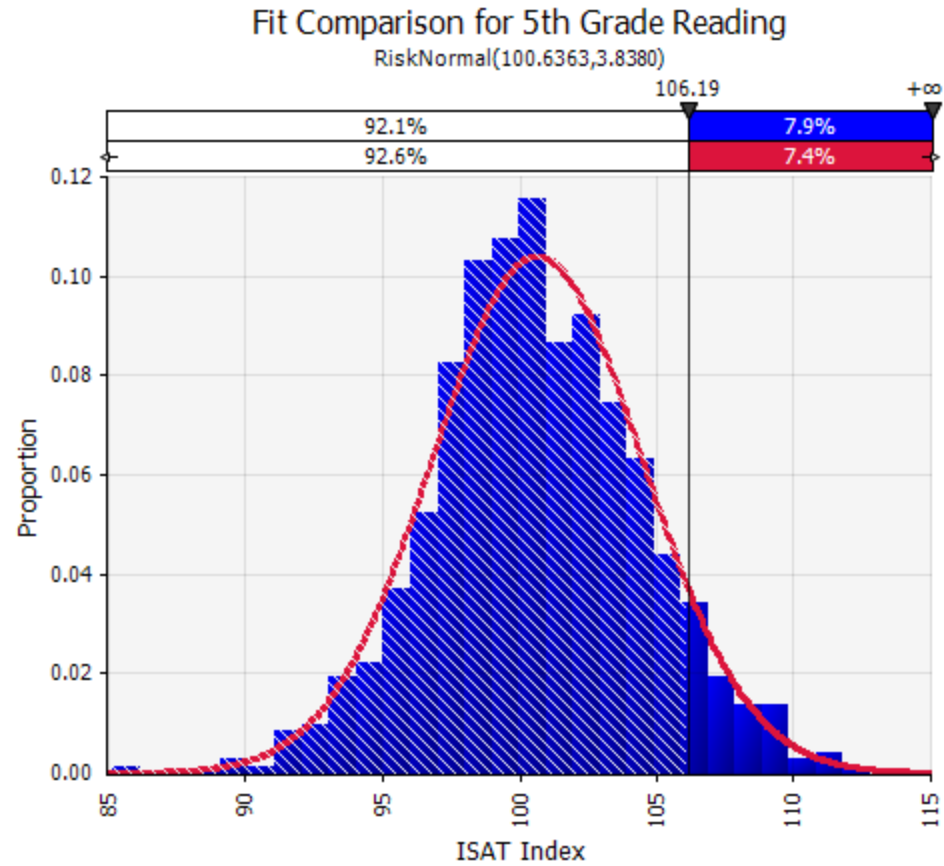
# Top 12% of State



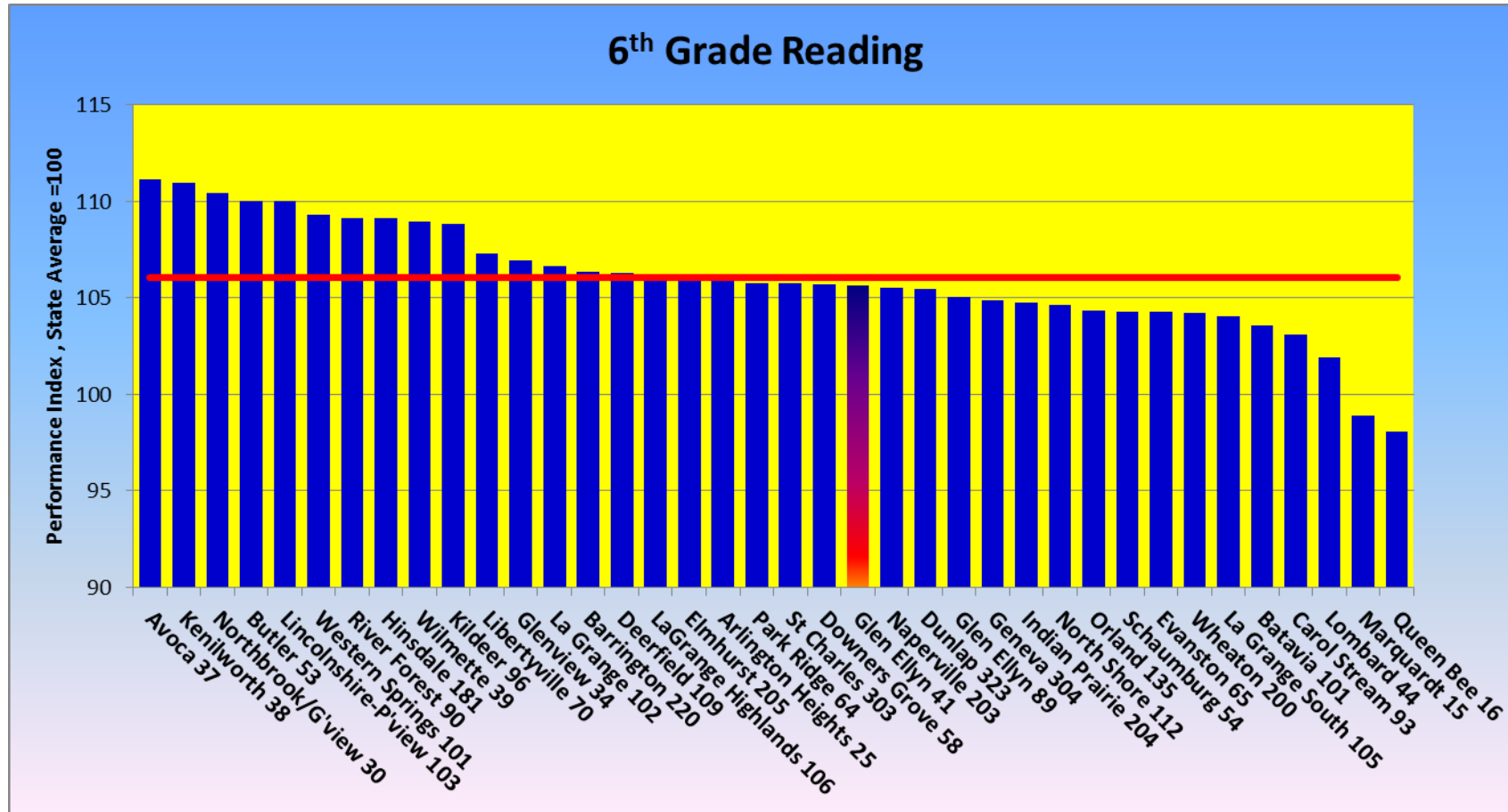
# 5<sup>th</sup> Reading - at benchmark average



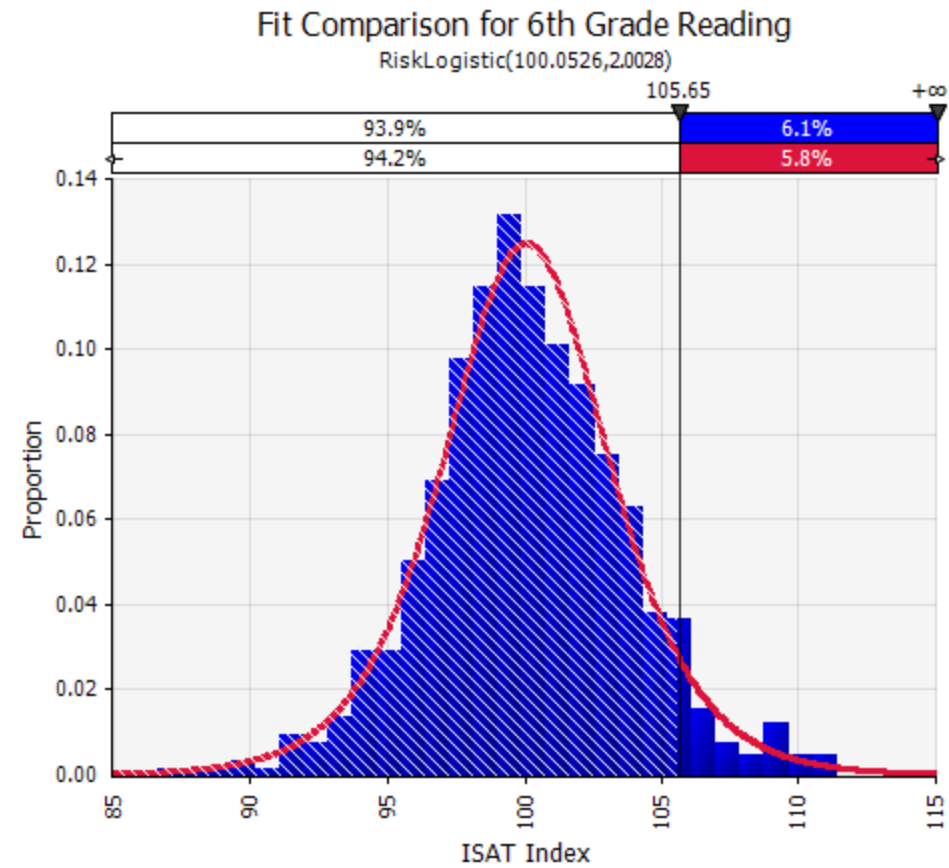
# Top 8% of State



# 6<sup>th</sup> Reading - at benchmark average

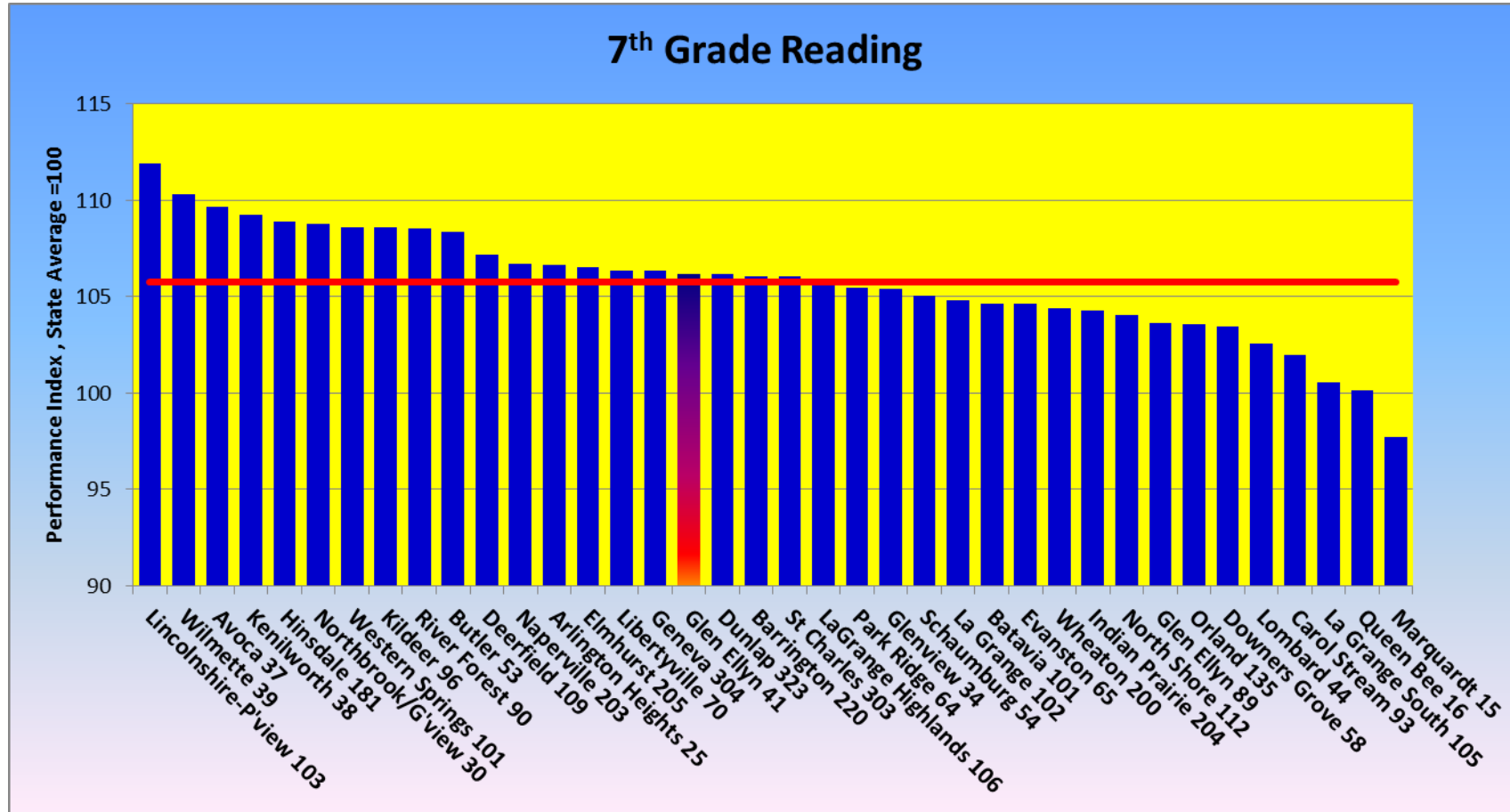


# Top 6% of State

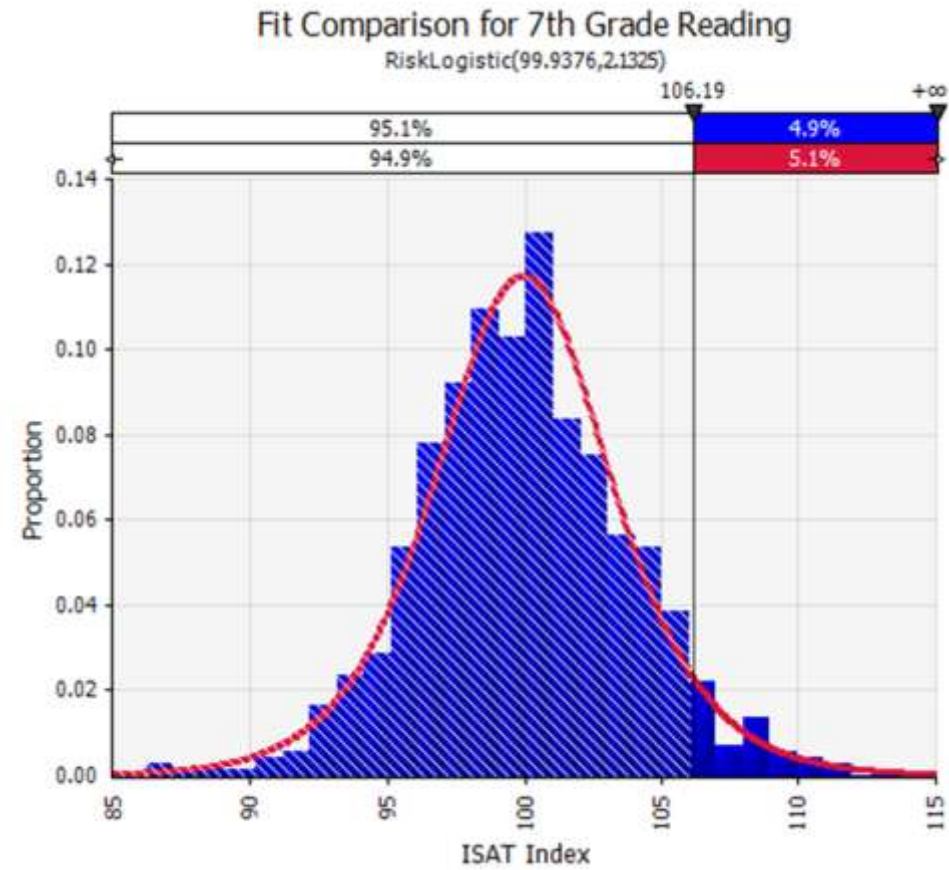




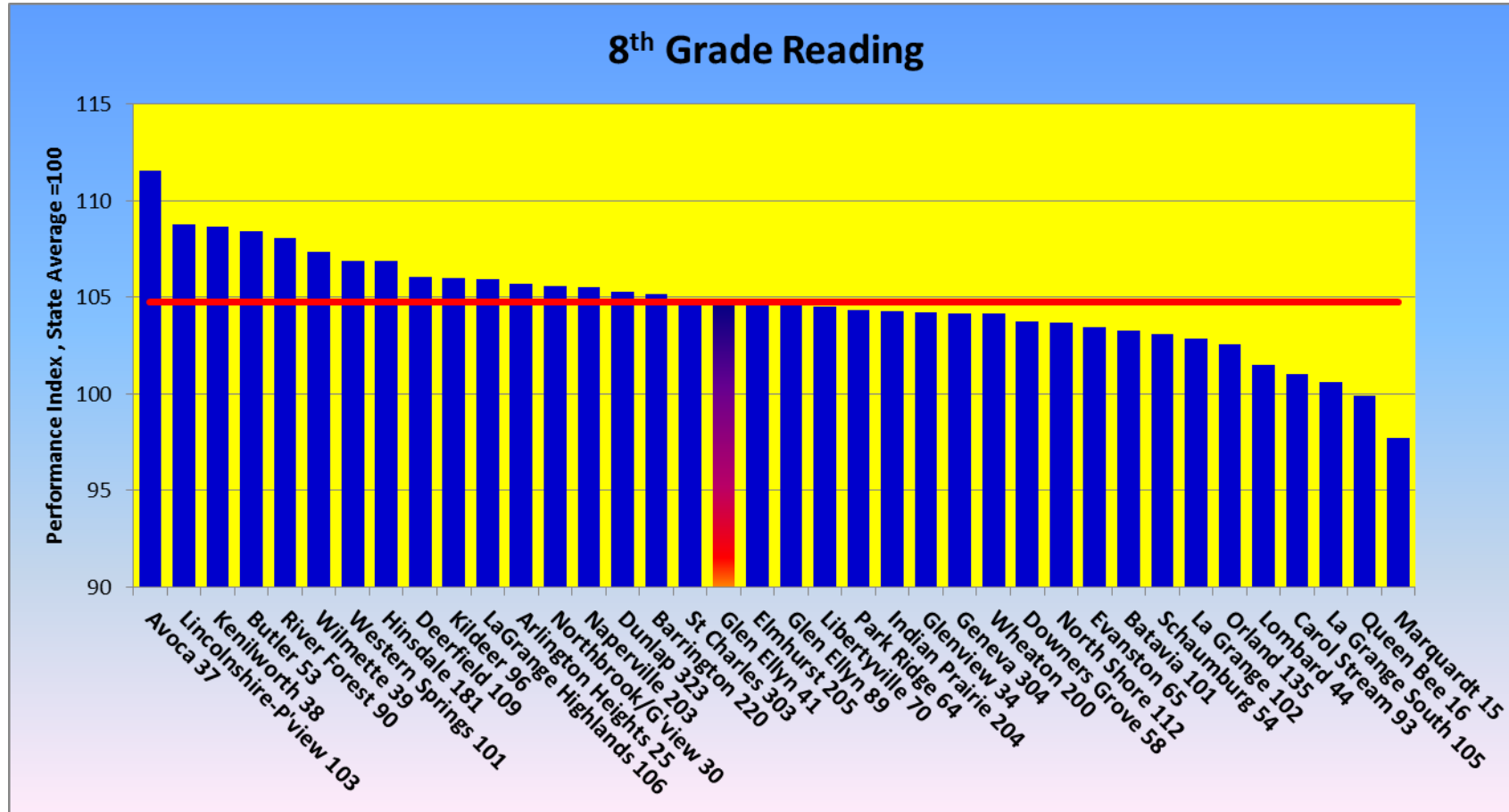
# 7<sup>th</sup> reading - at benchmark average



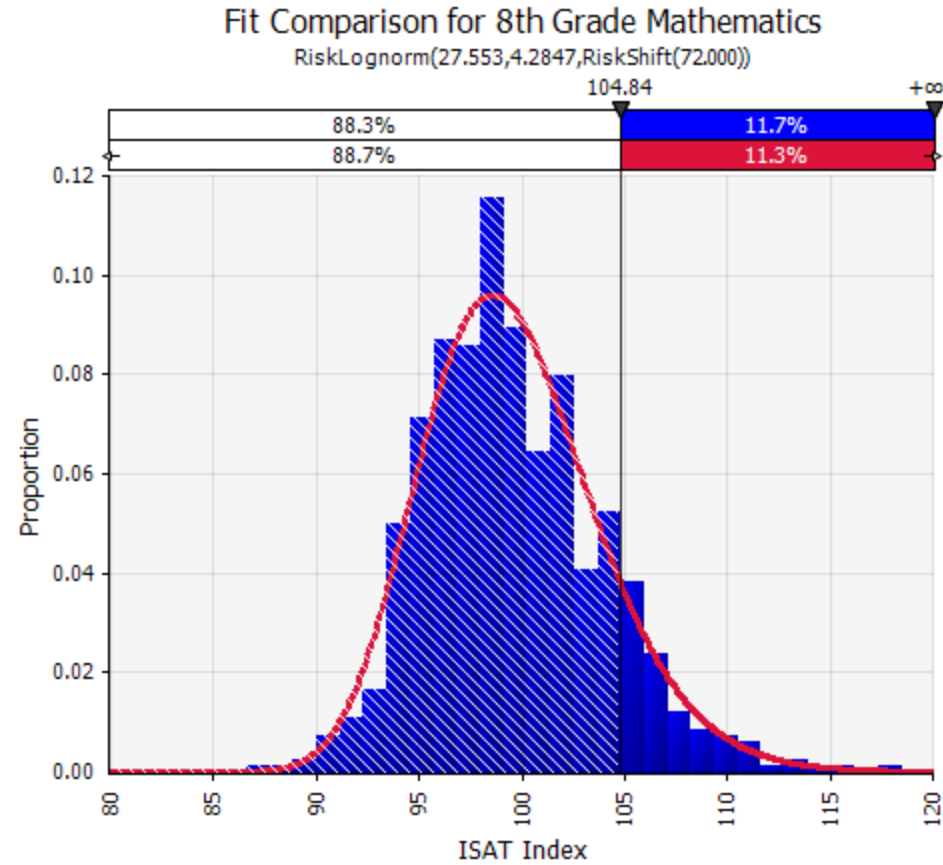
# Top 5% of State



# 8<sup>th</sup> Reading - at benchmark average

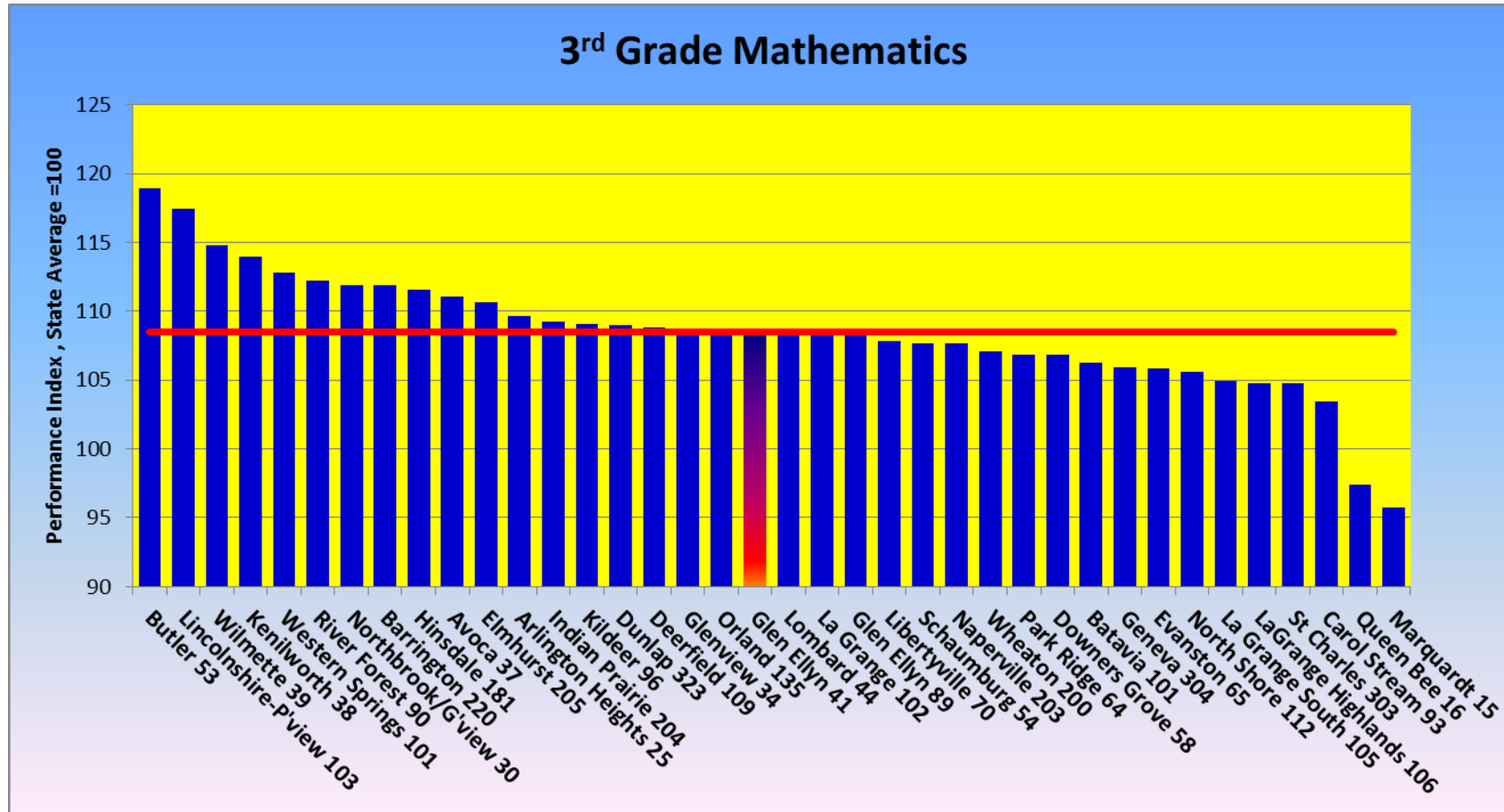


# Top 12% of State

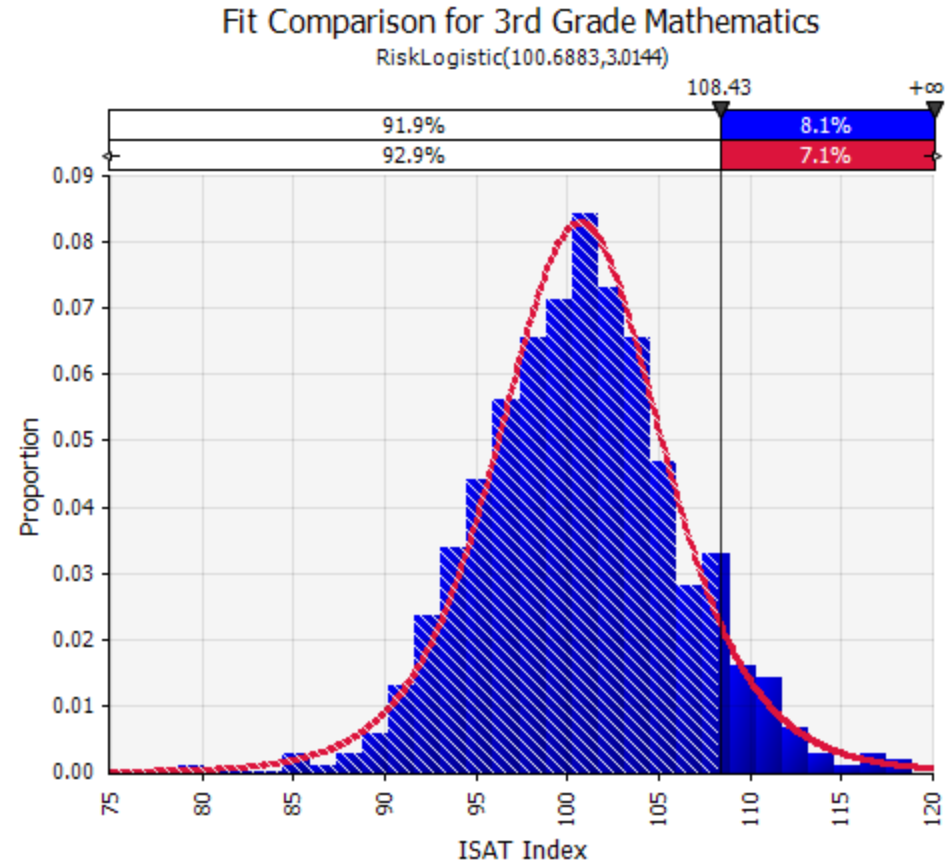


# ACADEMICS - MATHEMATICS

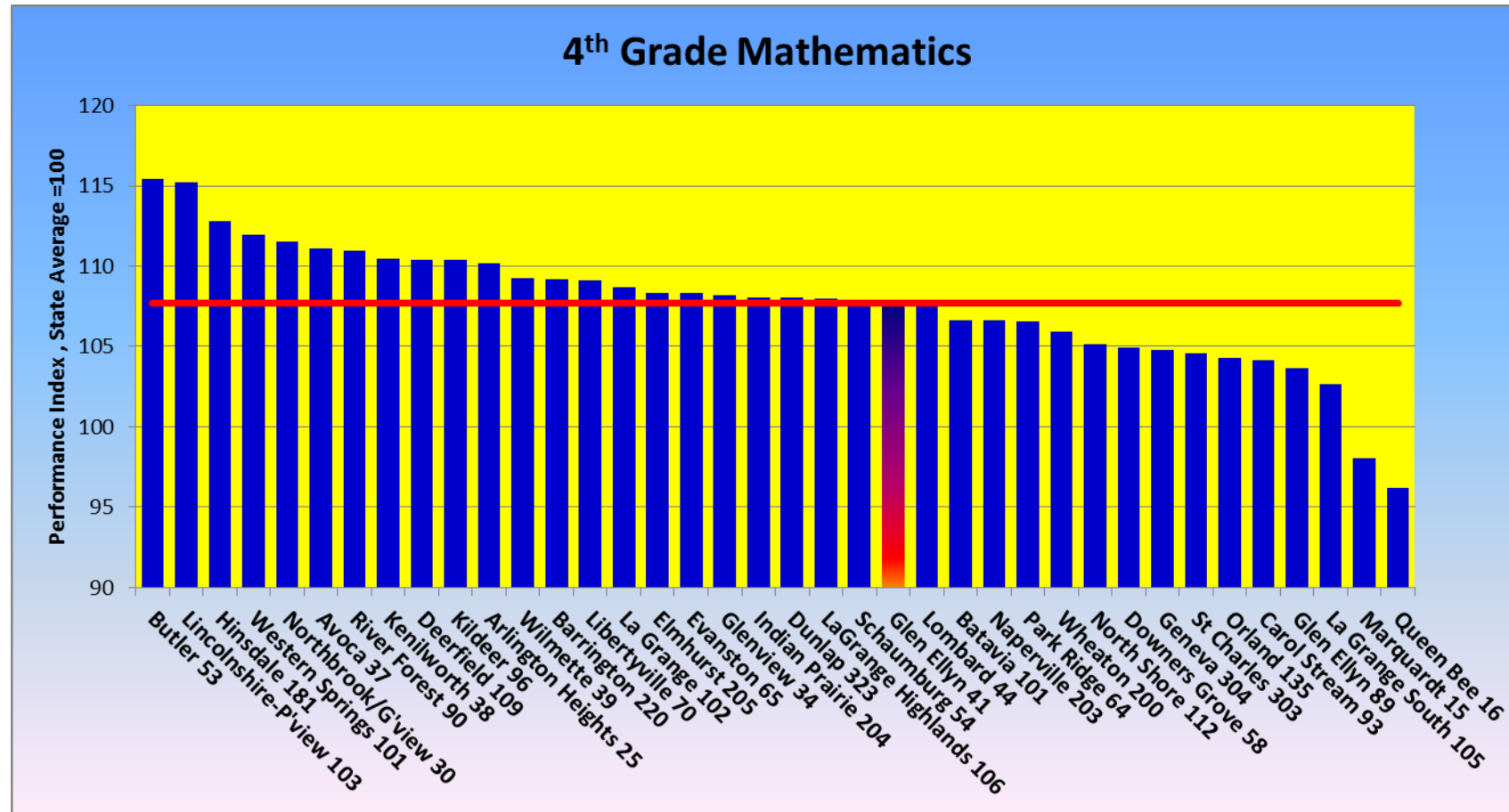
# 3<sup>rd</sup> Math – middle of benchmarks



# Top 8% of State

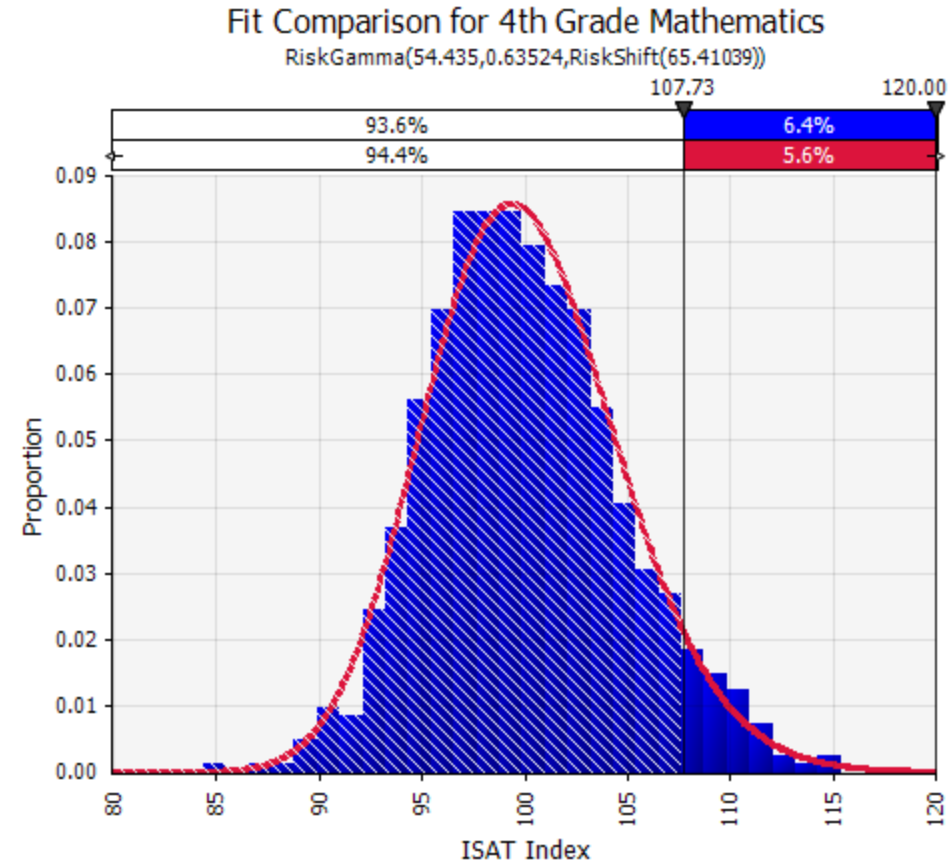


# 4<sup>th</sup> Math - at benchmark average

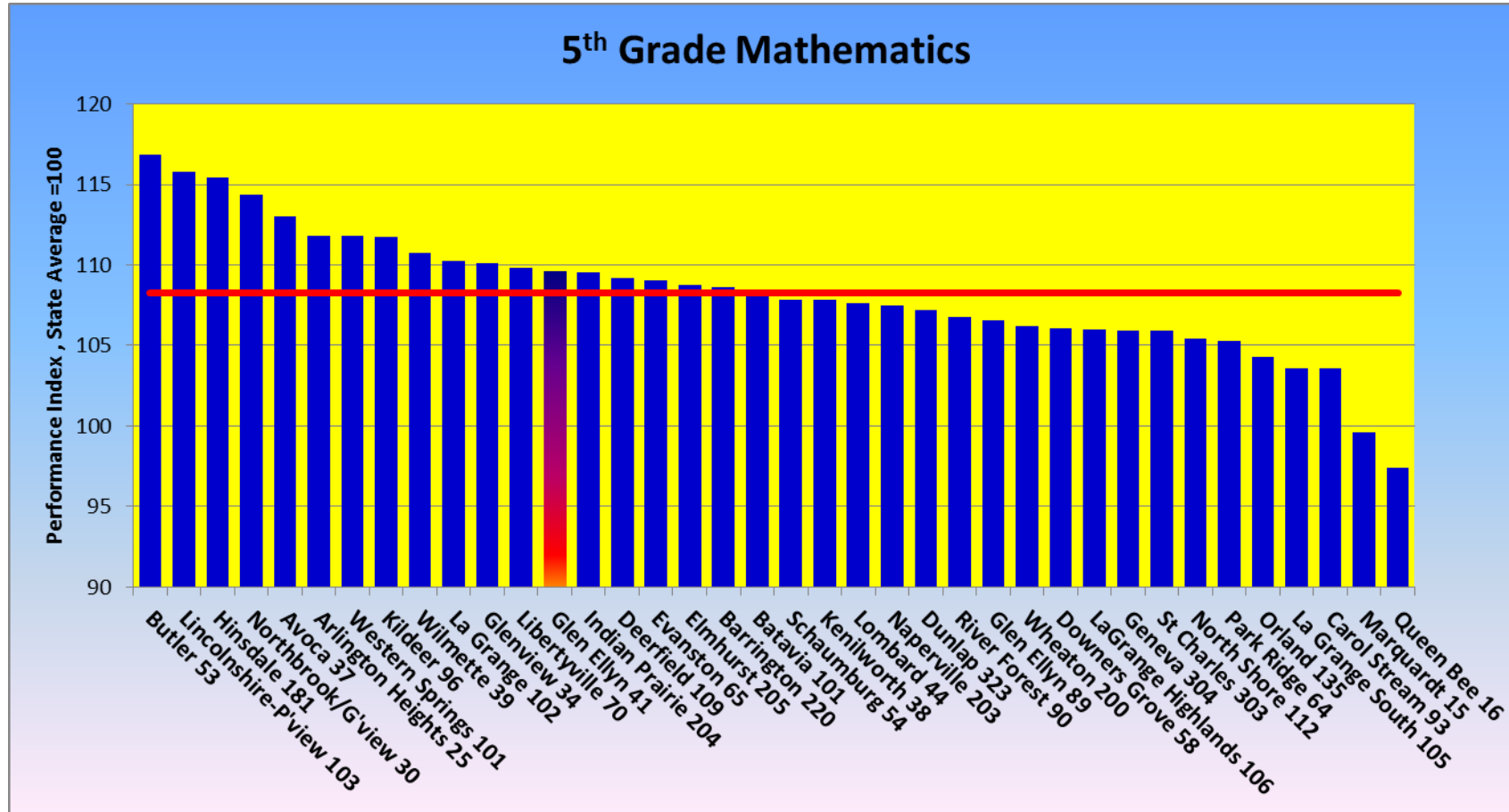




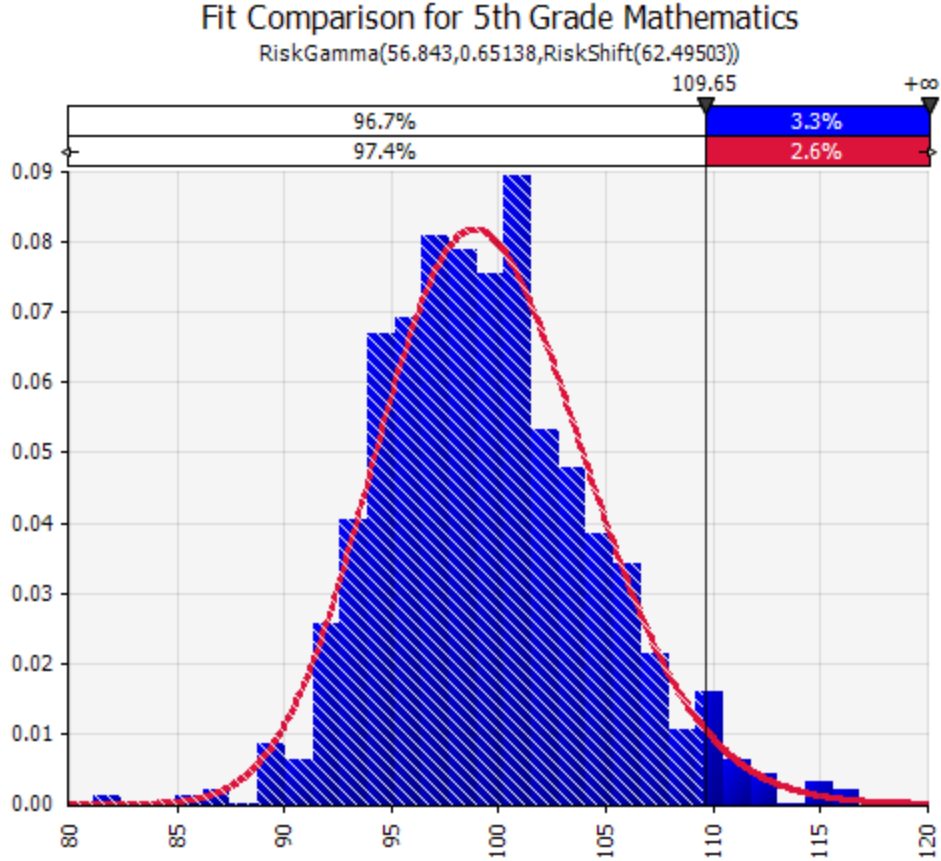
# Top 6% in State



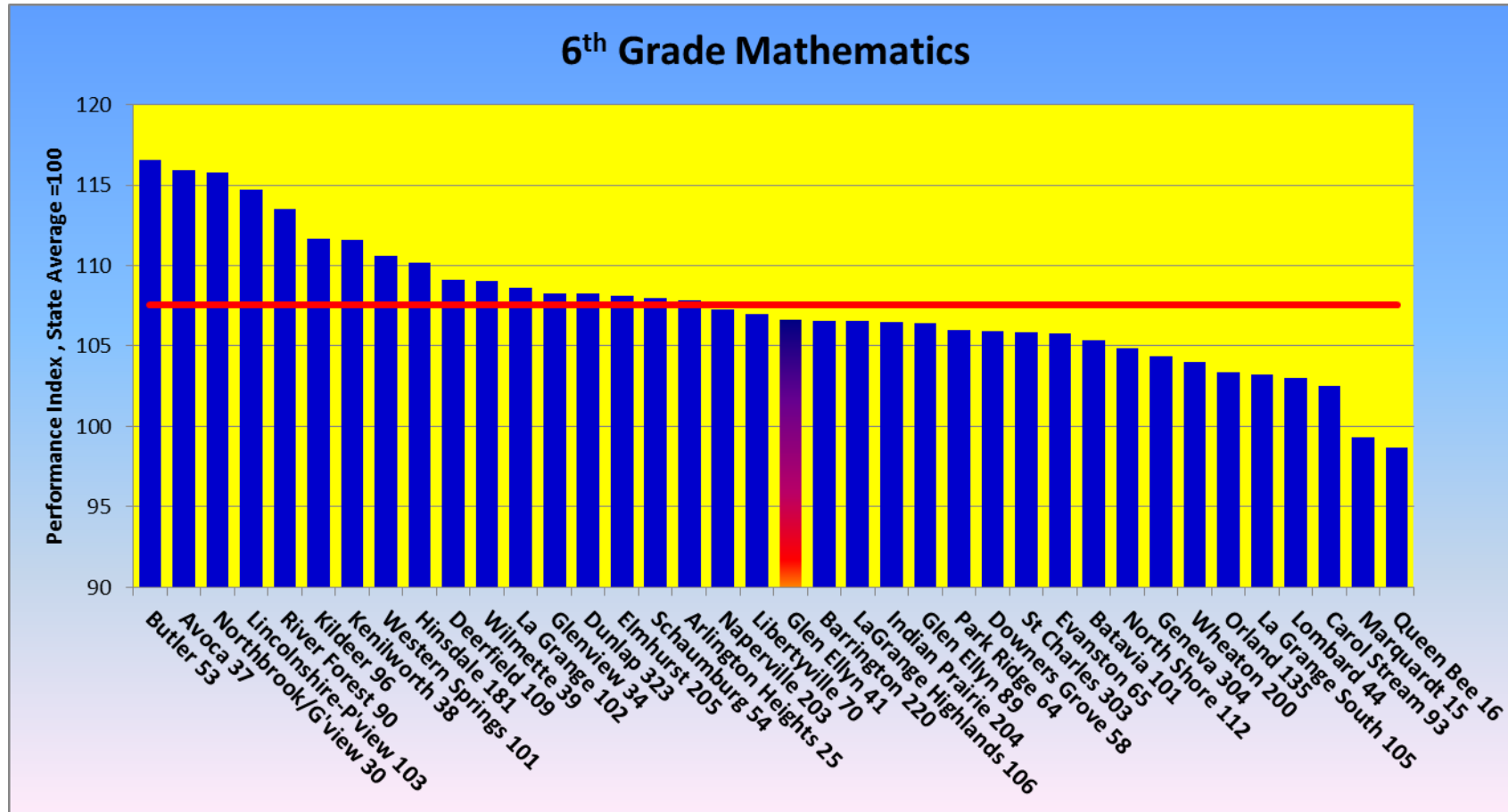
# 5<sup>th</sup> Math - above benchmark average



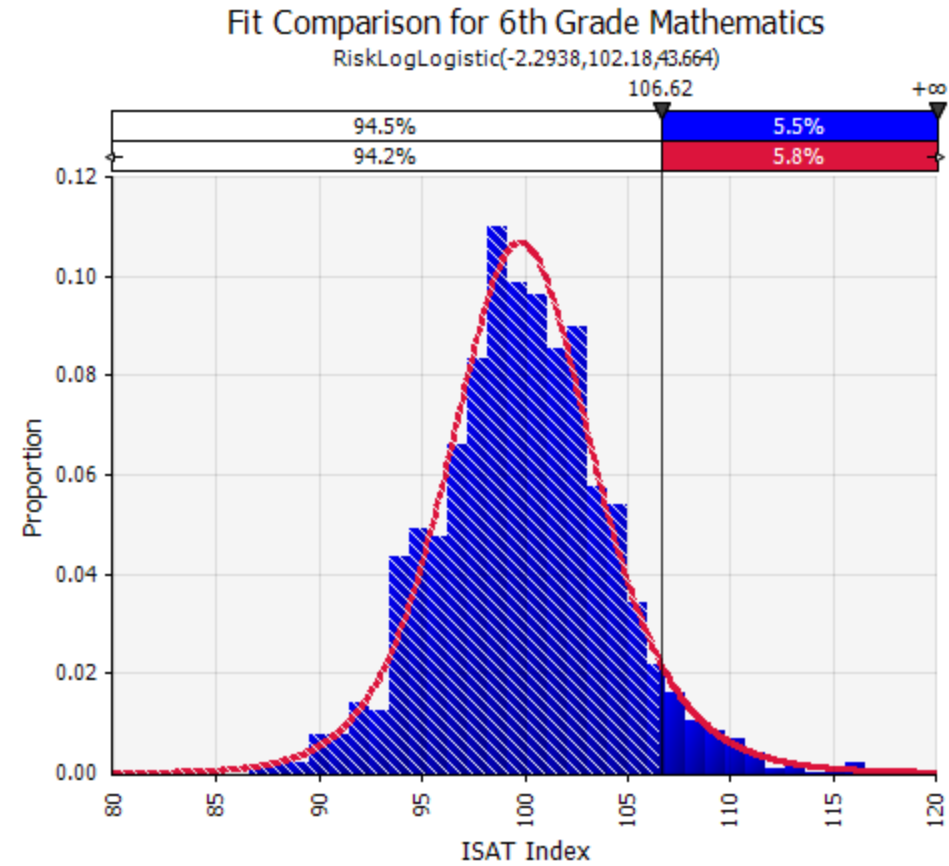
# Top 3% of State



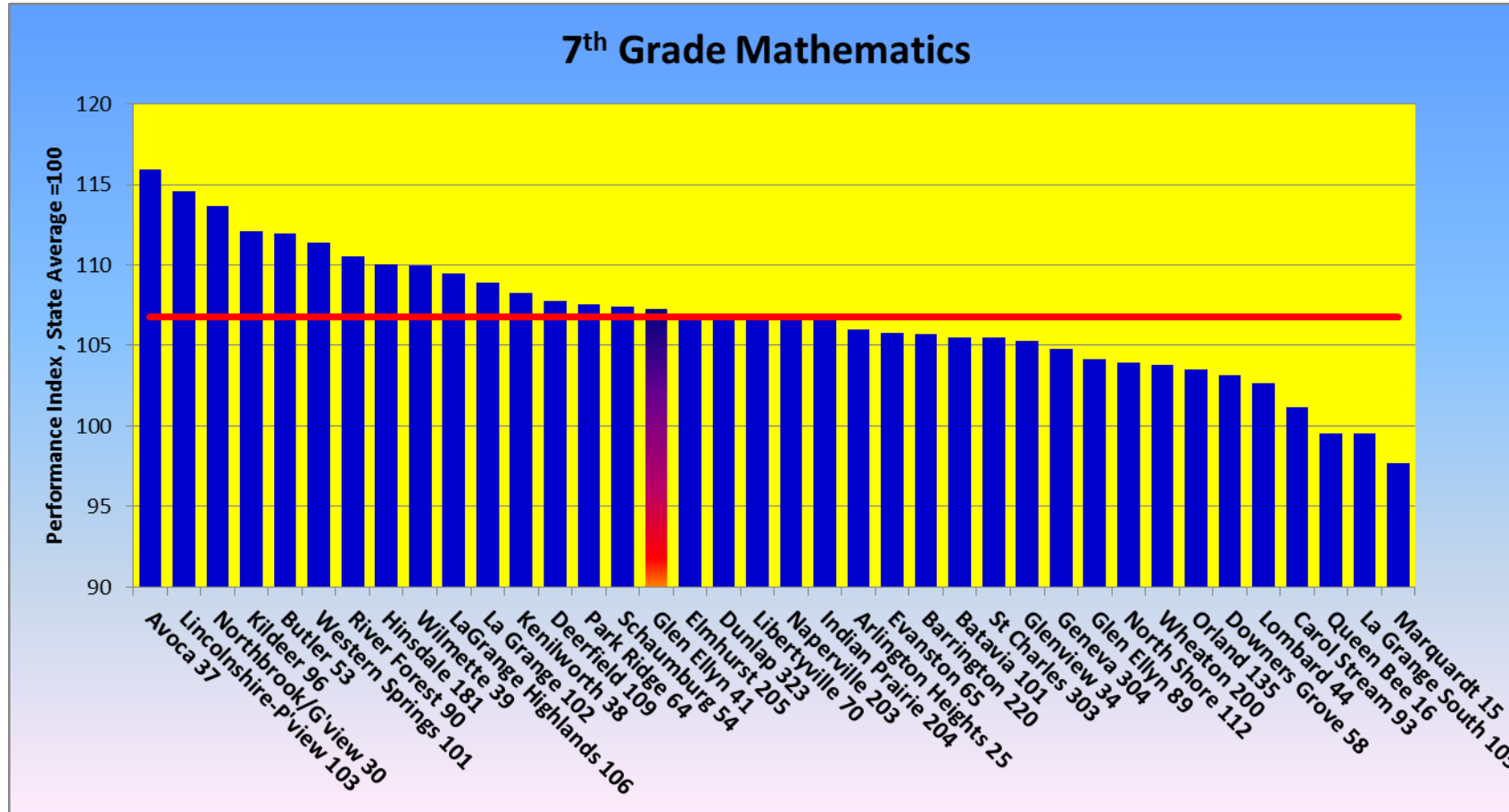
# 6<sup>th</sup> Math –below benchmark average



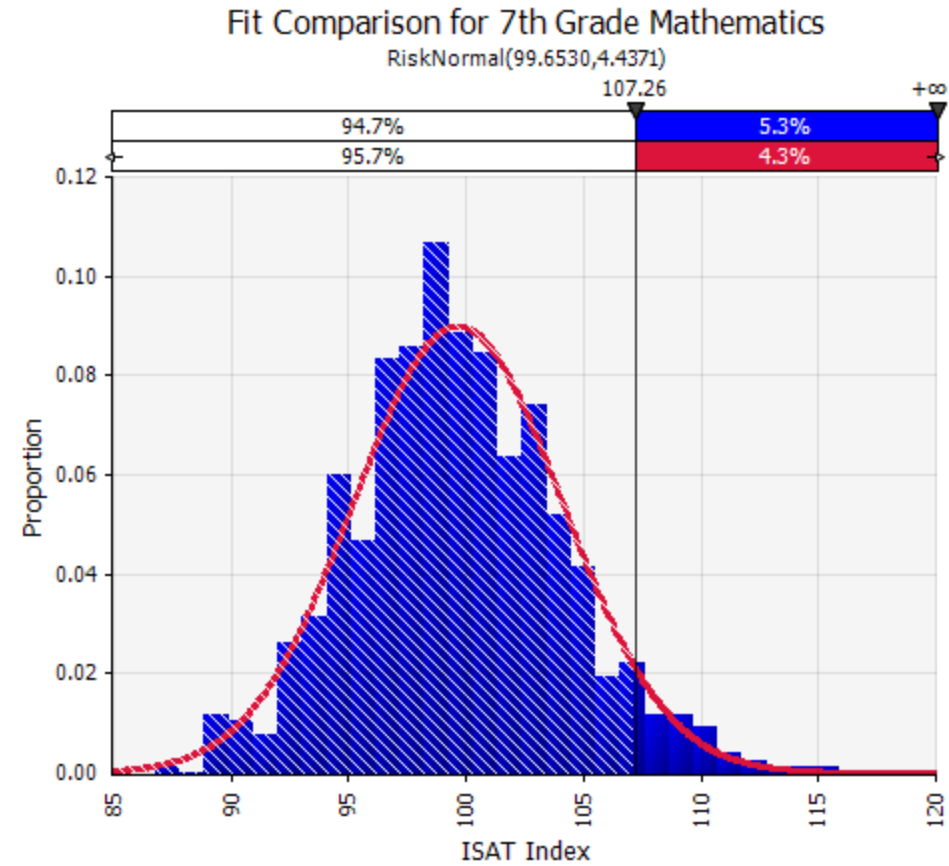
# Top 6% of State



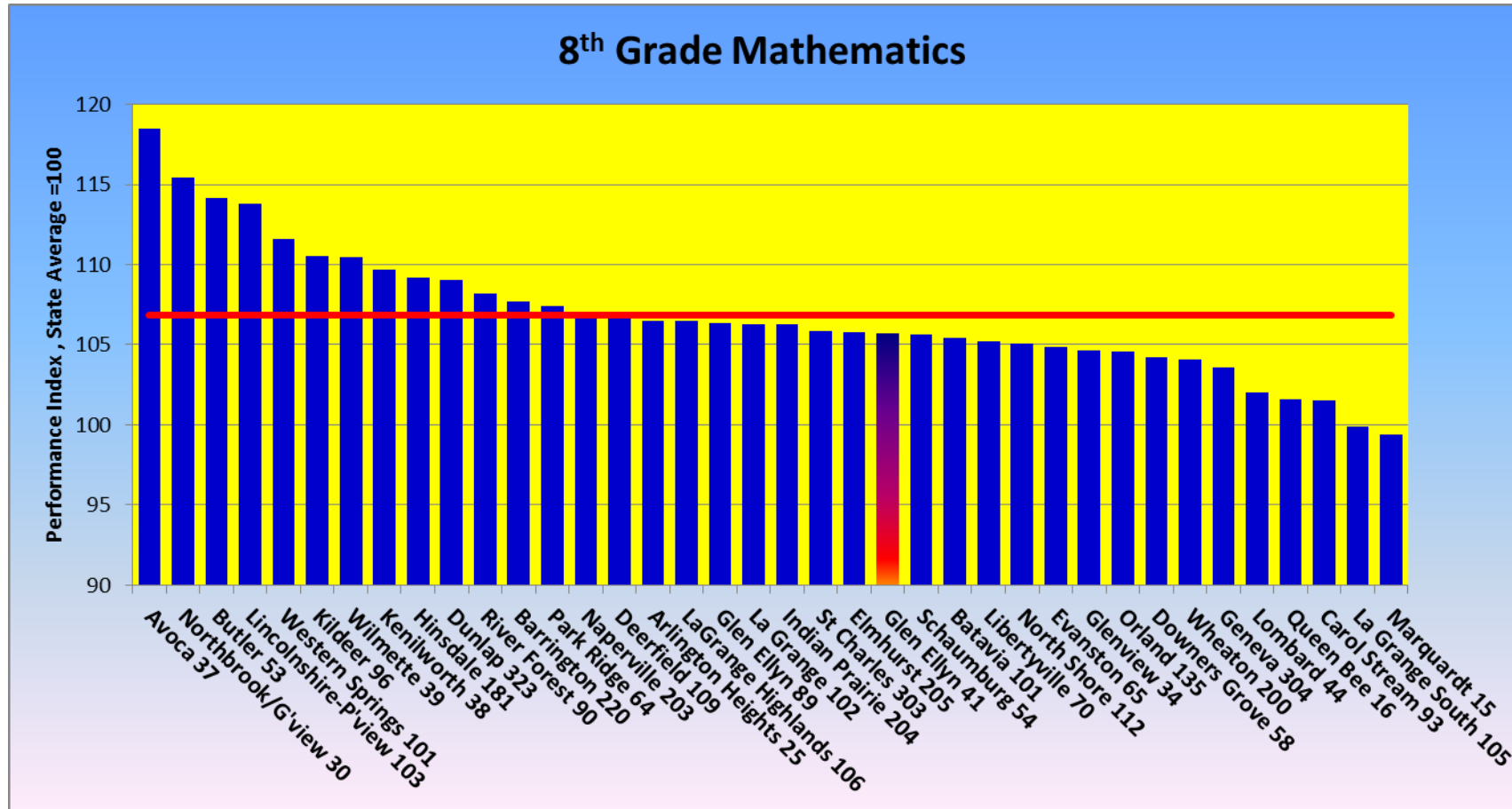
# 7<sup>th</sup> Math - at benchmark average



# Top 5% of State

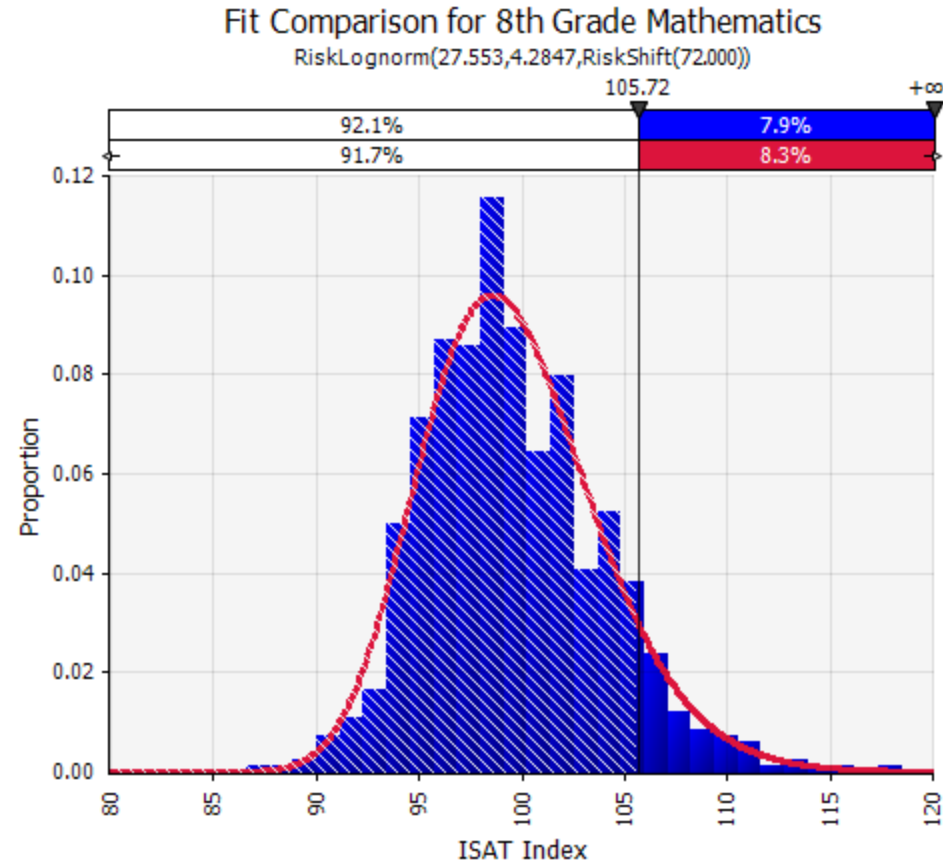


# 8<sup>th</sup> Math – below benchmark average



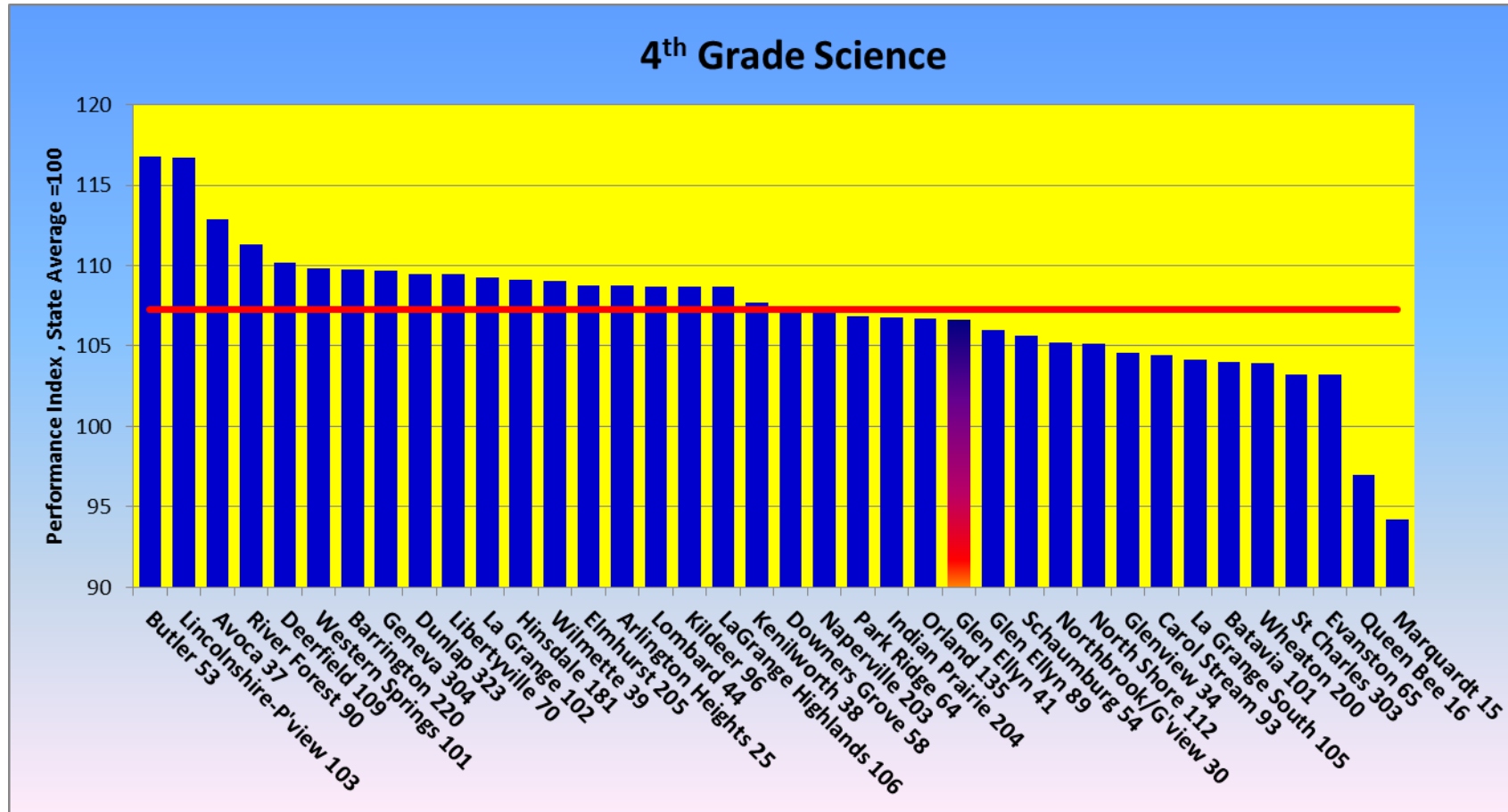


# Top 8% of State

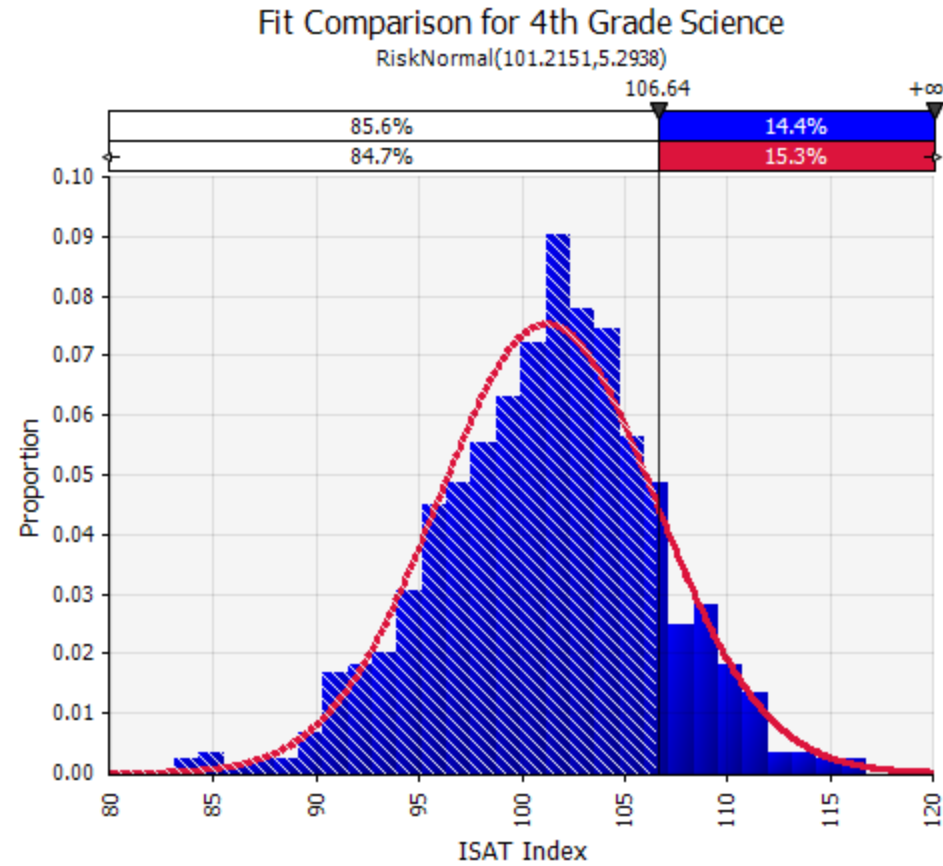


# ACADEMICS - SCIENCE

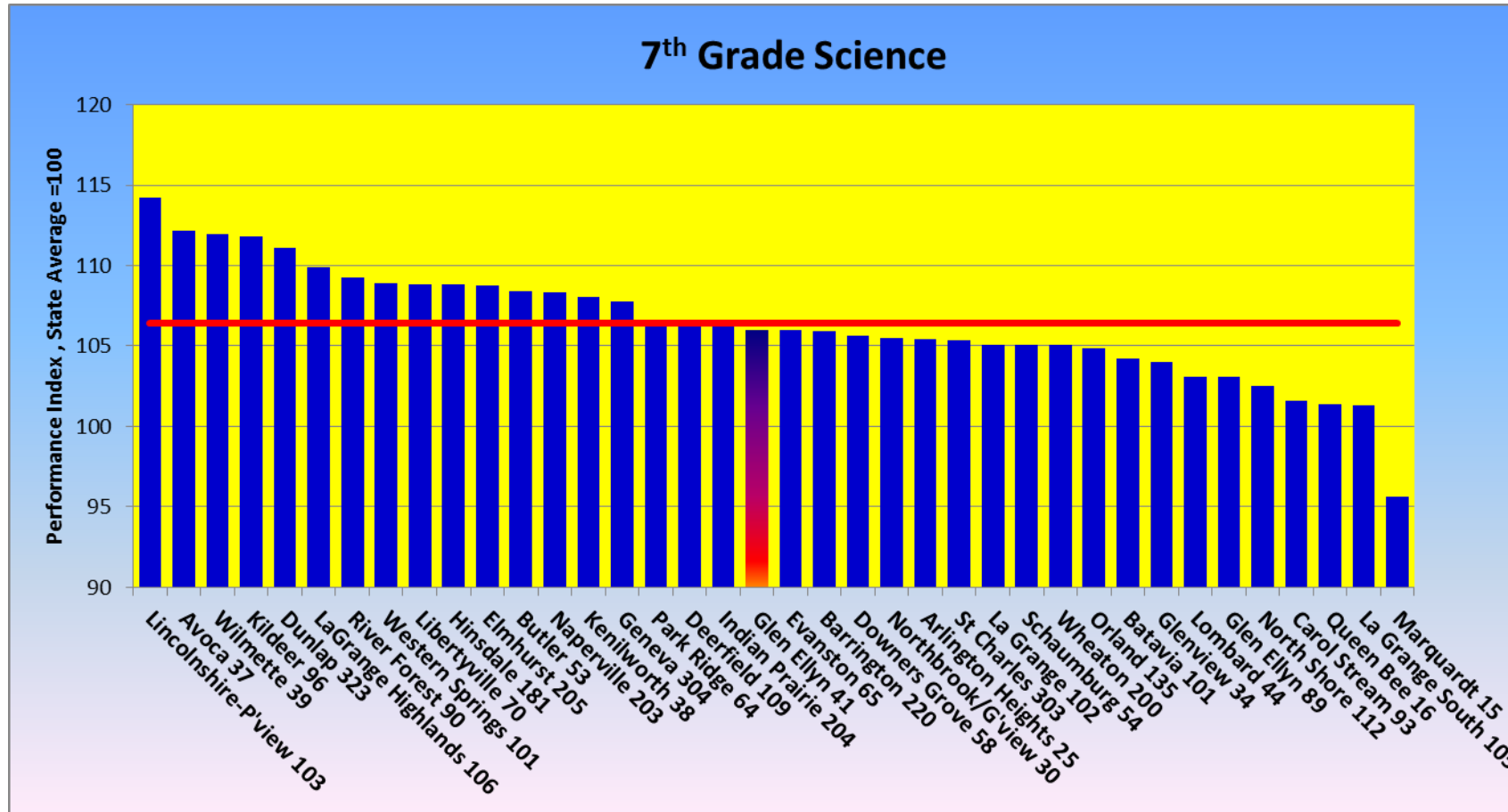
# 4<sup>th</sup> Science – at benchmark average



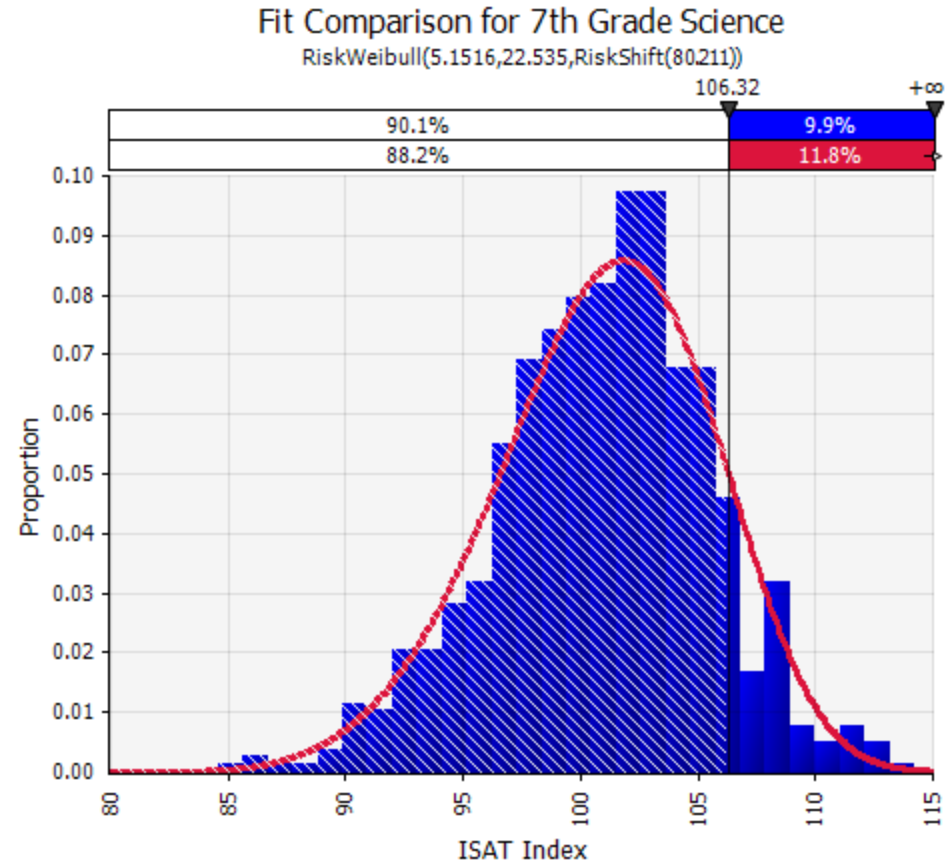
# State's Top 14%



# 7<sup>th</sup> Science – at benchmark average

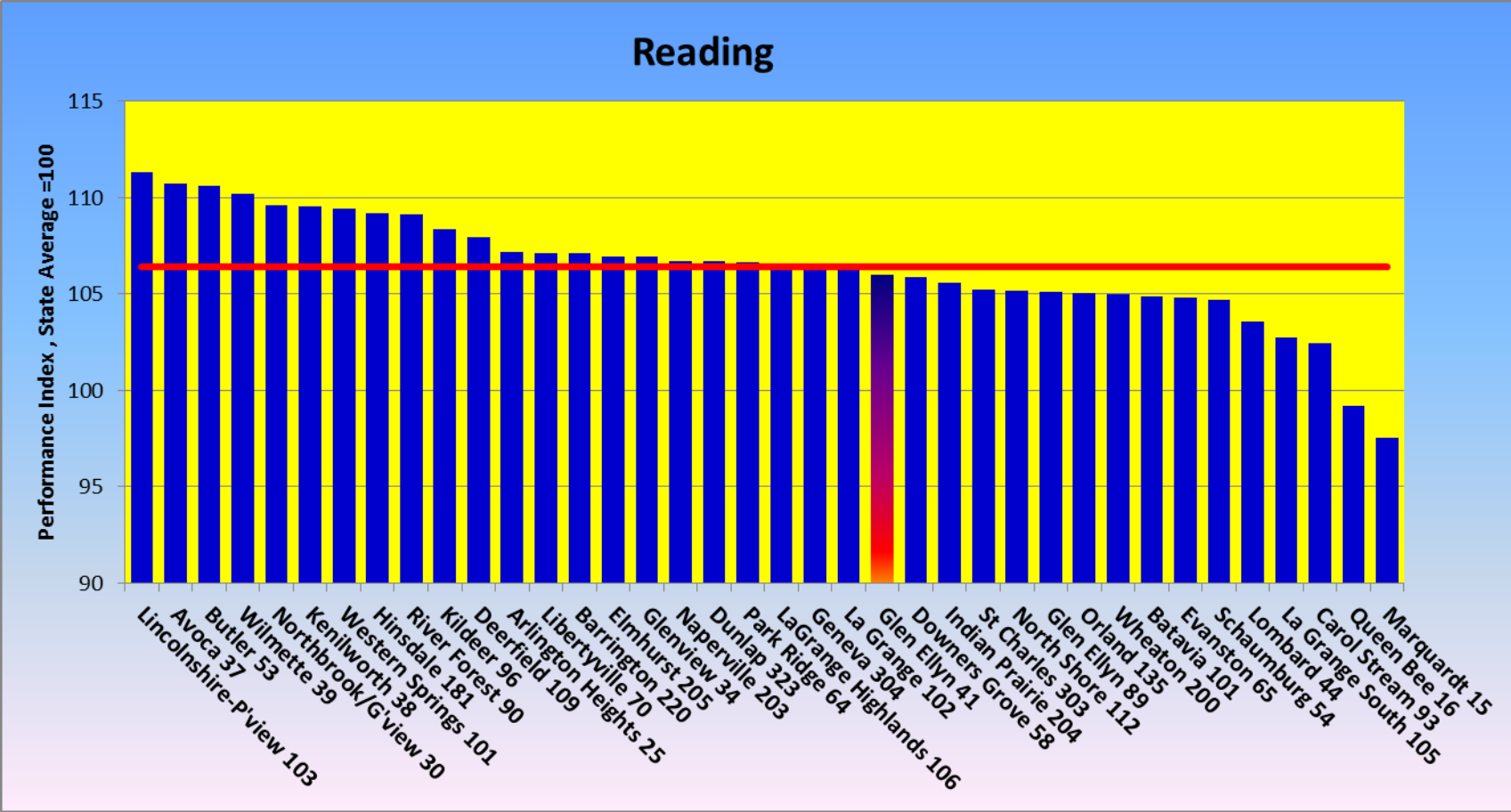


# Top 10% of State



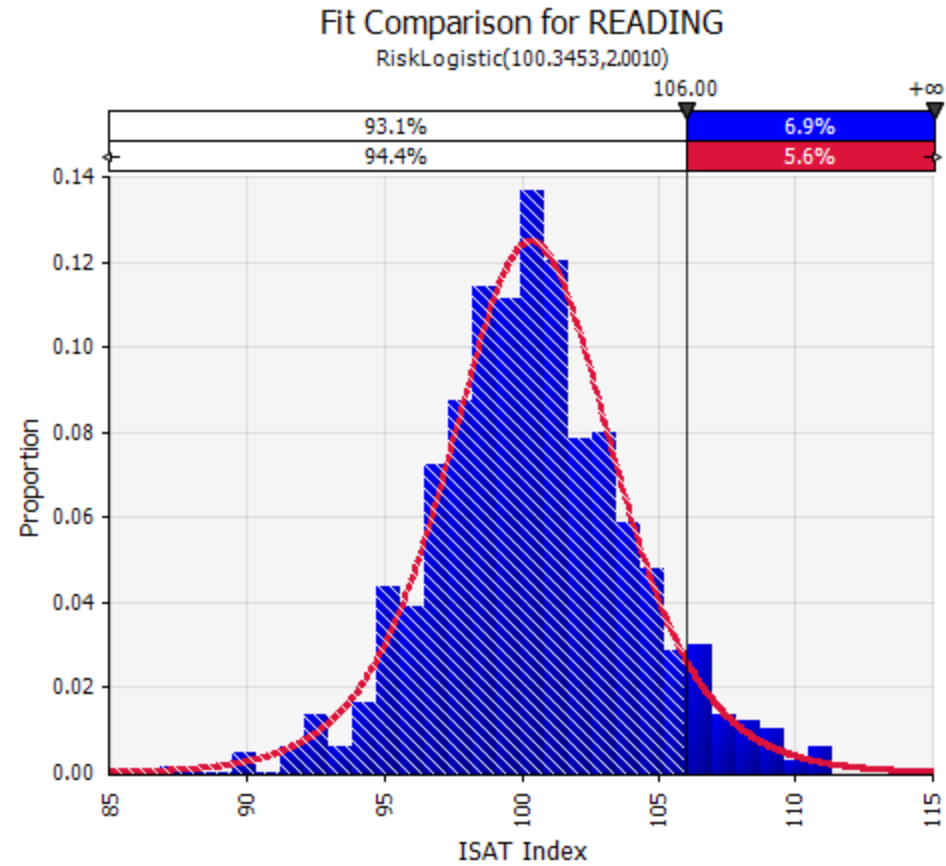
# ACADEMIC PERFORMANCE BY SUBJECT

# OVERALL READING – at benchmark average

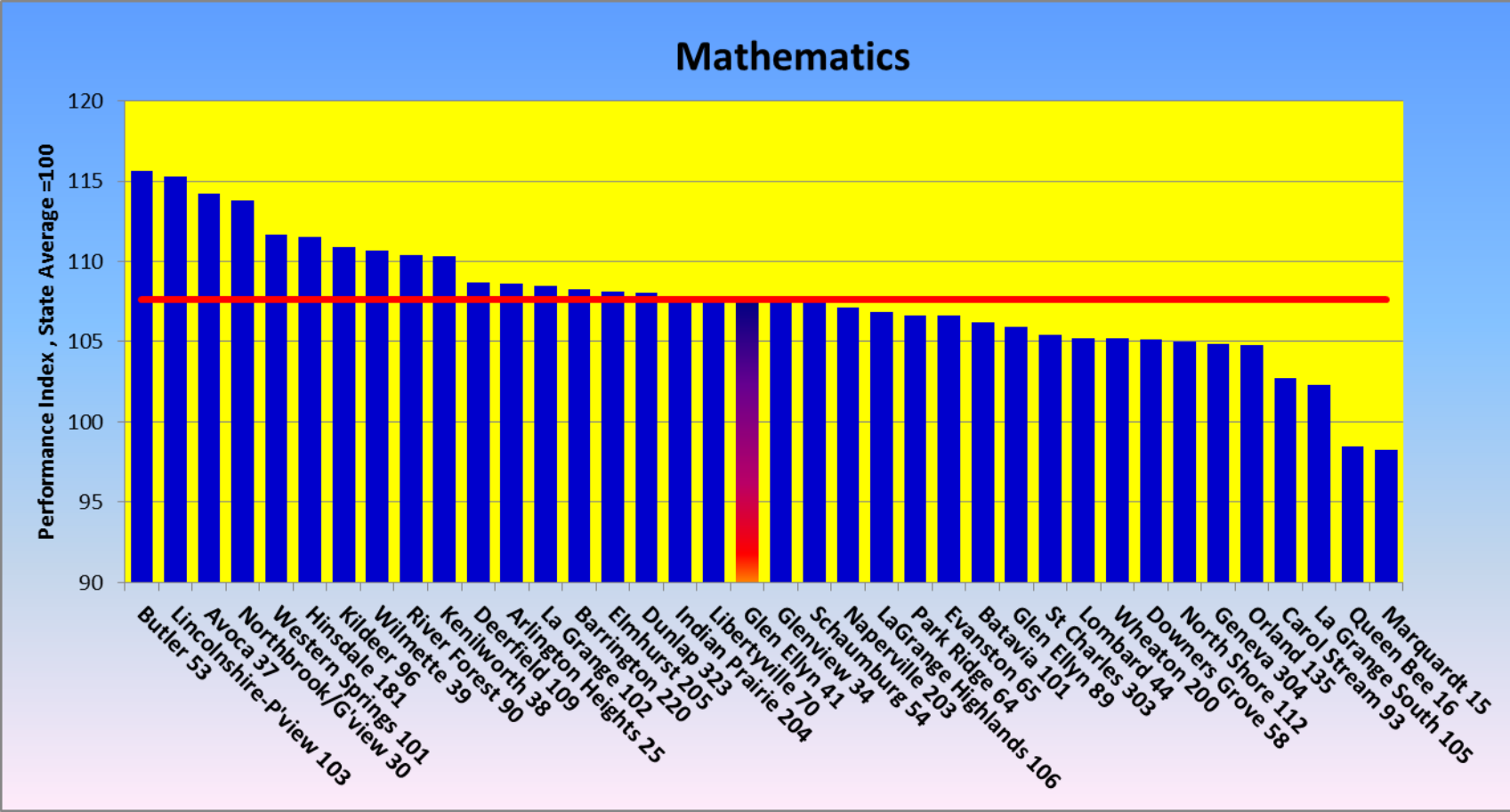




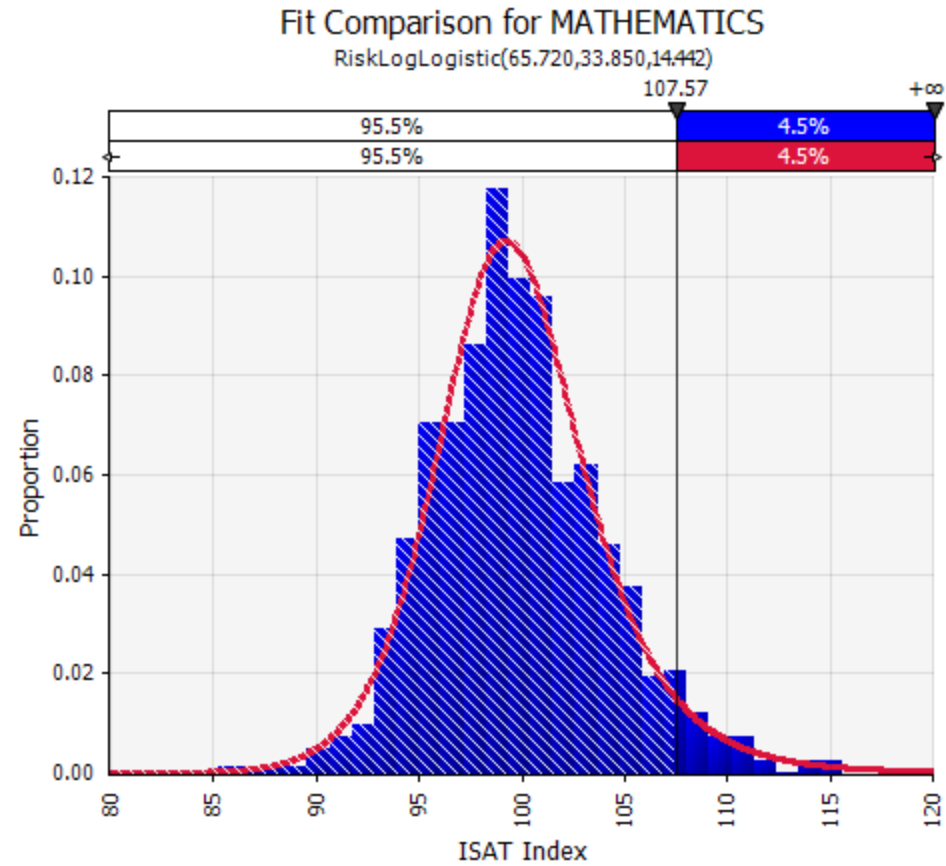
# Top 7% of State



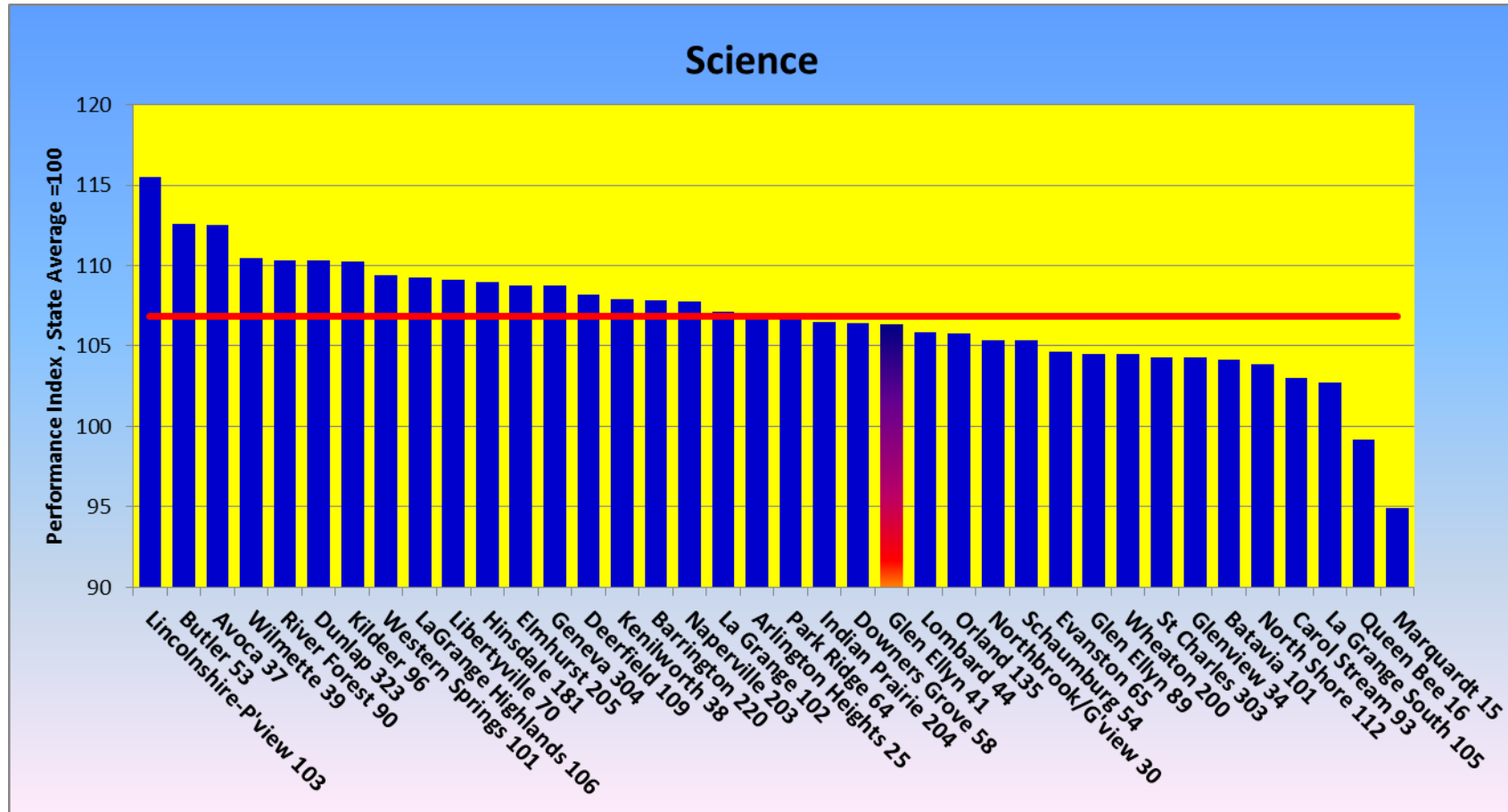
# MATHEMATICS – at benchmark average



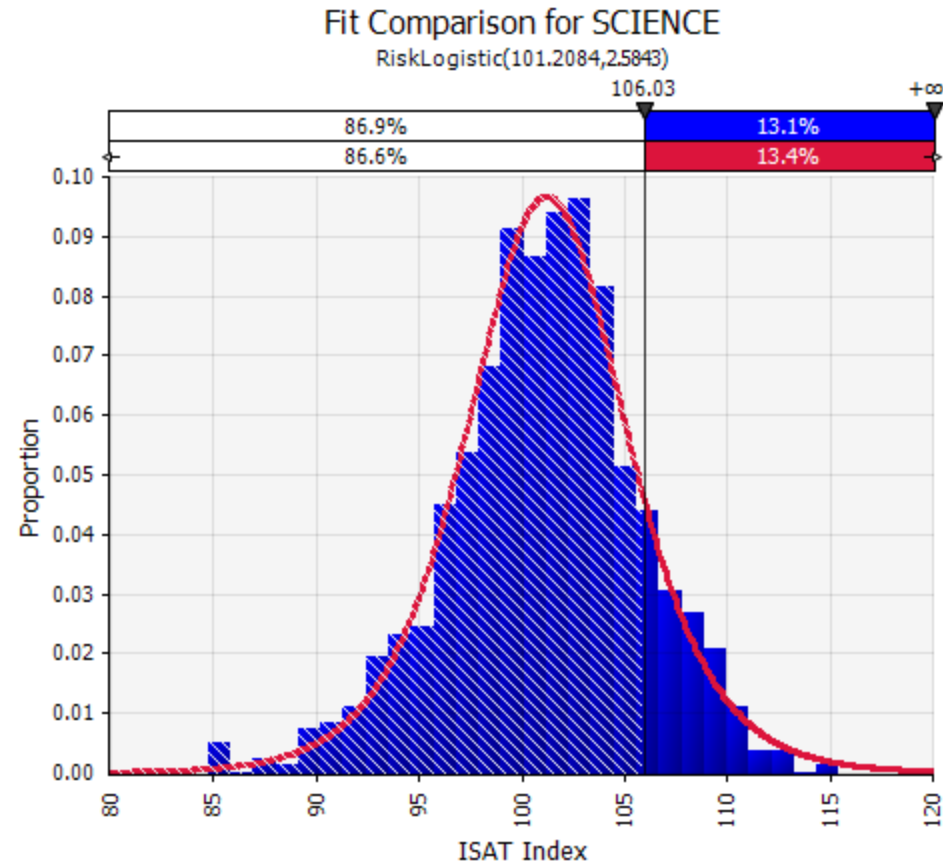
# Top 5% of State



# SCIENCE – at benchmark average



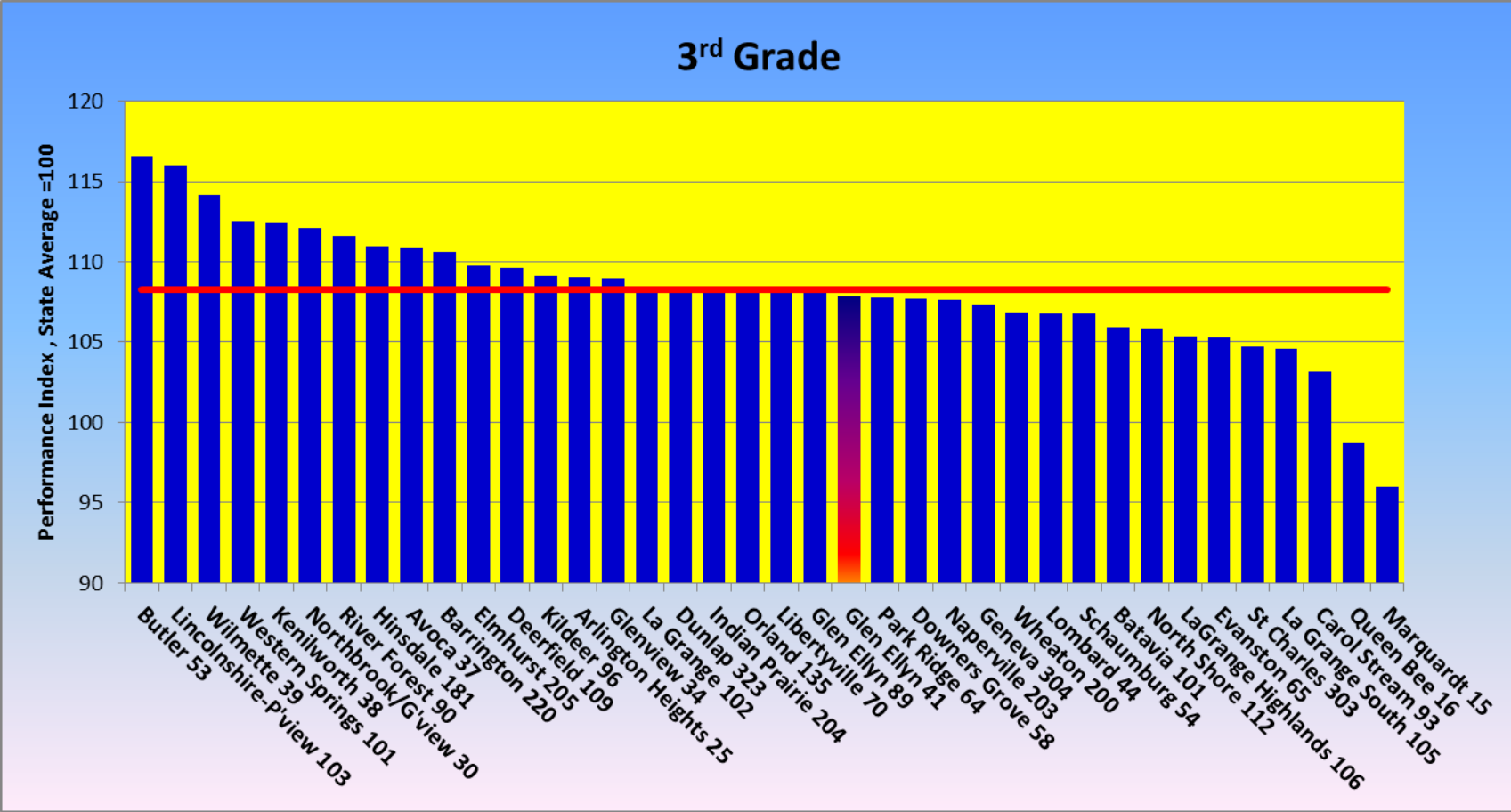
# Top 13% of State



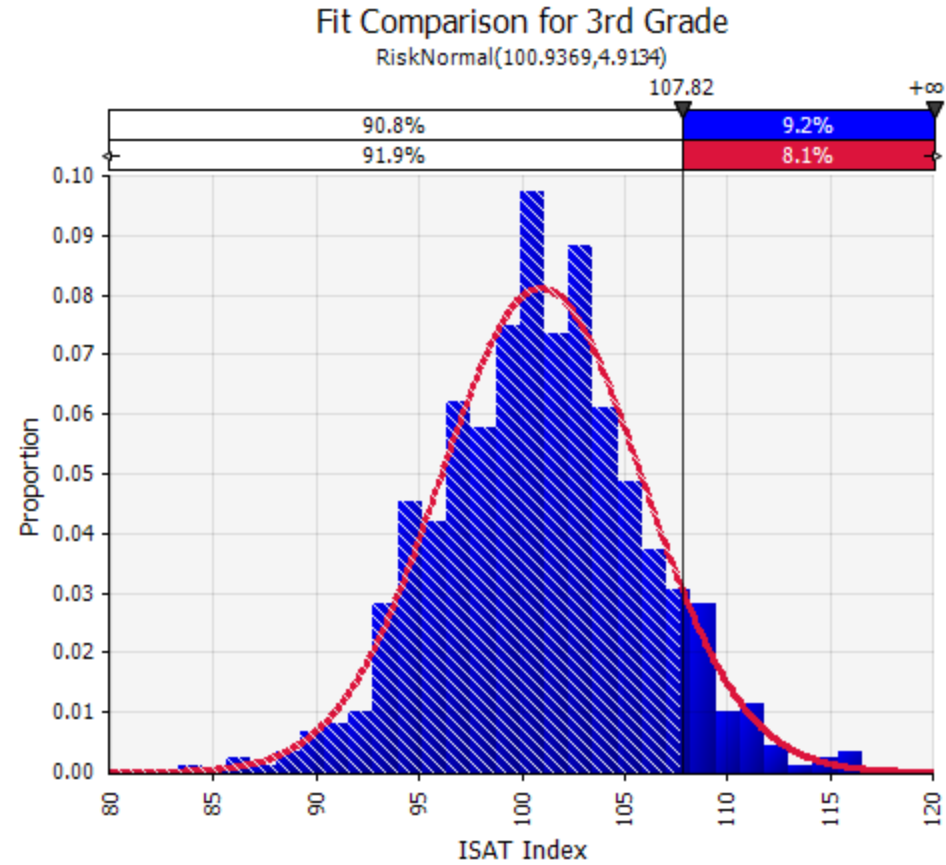
# ACADEMIC PERFORMANCE BY GRADE

3<sup>RD</sup>, 4<sup>TH</sup>, 5<sup>TH</sup>, 6<sup>TH</sup>, 7<sup>TH</sup> & 8<sup>TH</sup>

# 3<sup>rd</sup> - at benchmark average

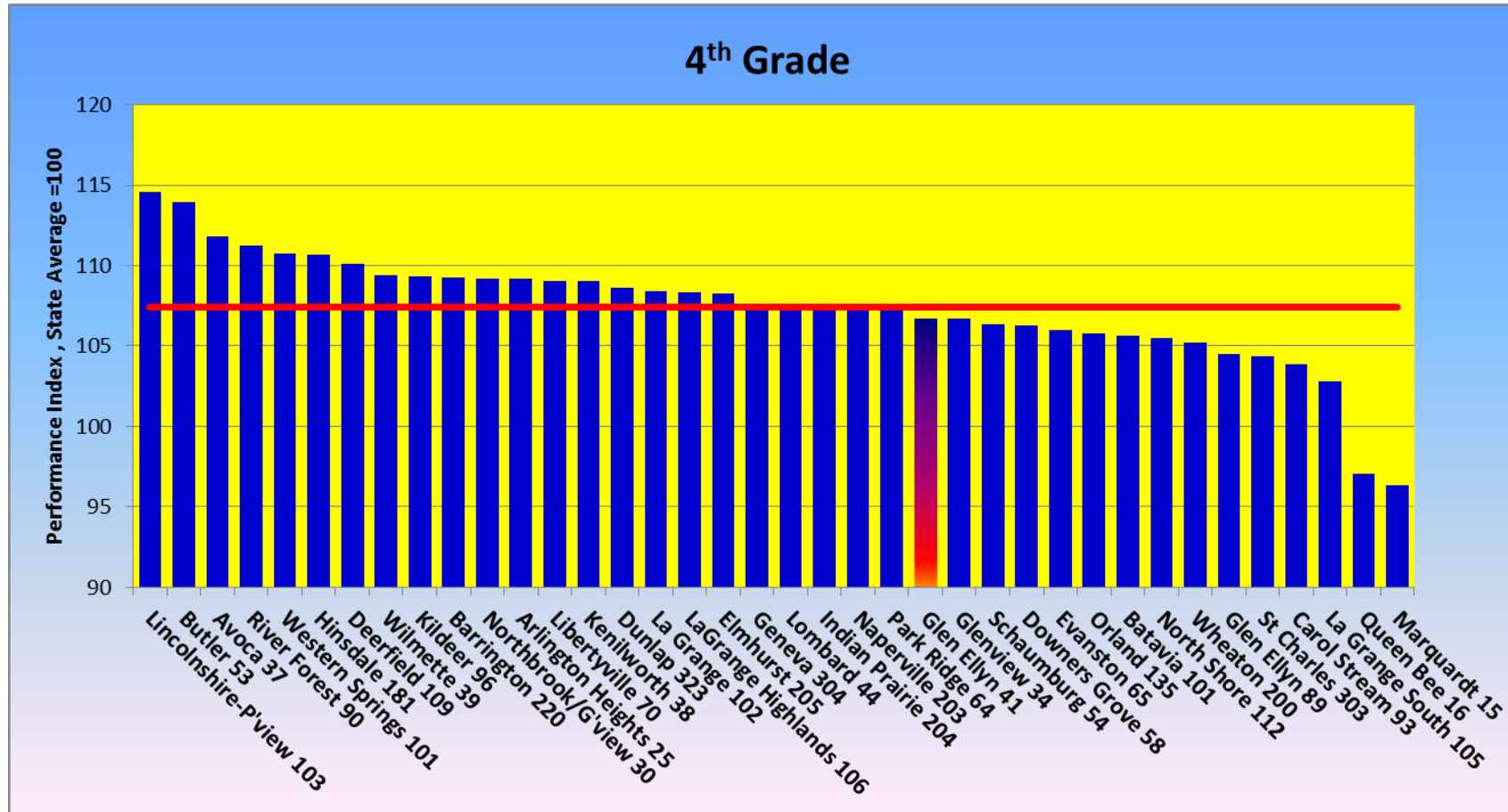


# Top 9% of State

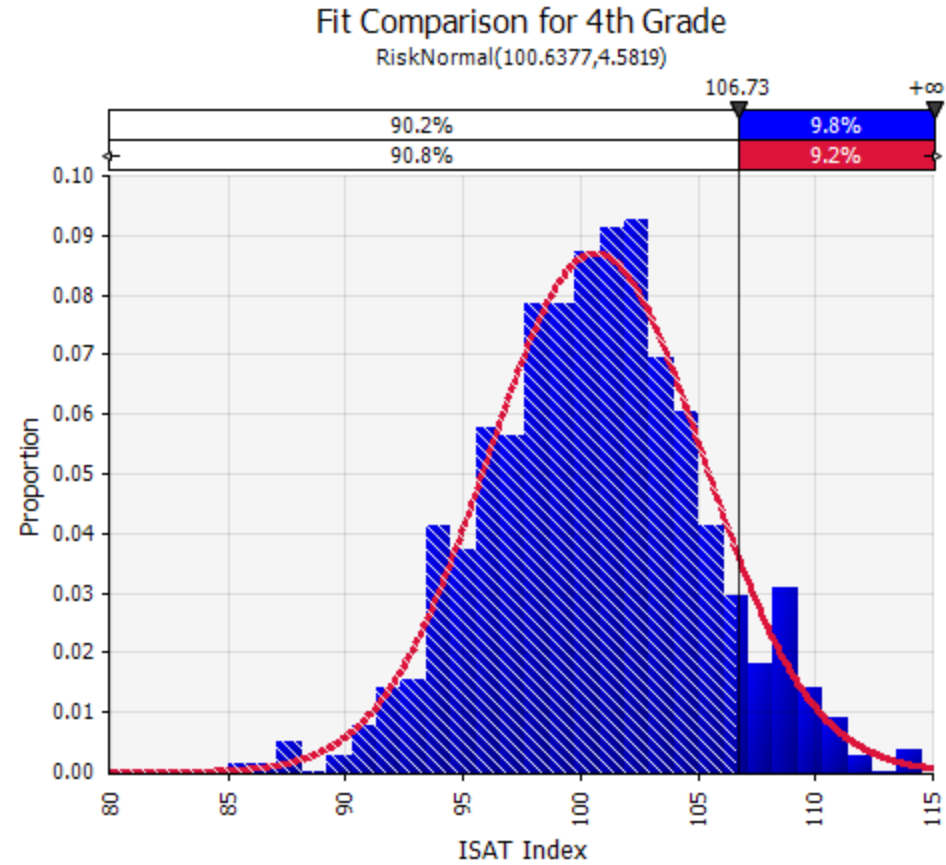




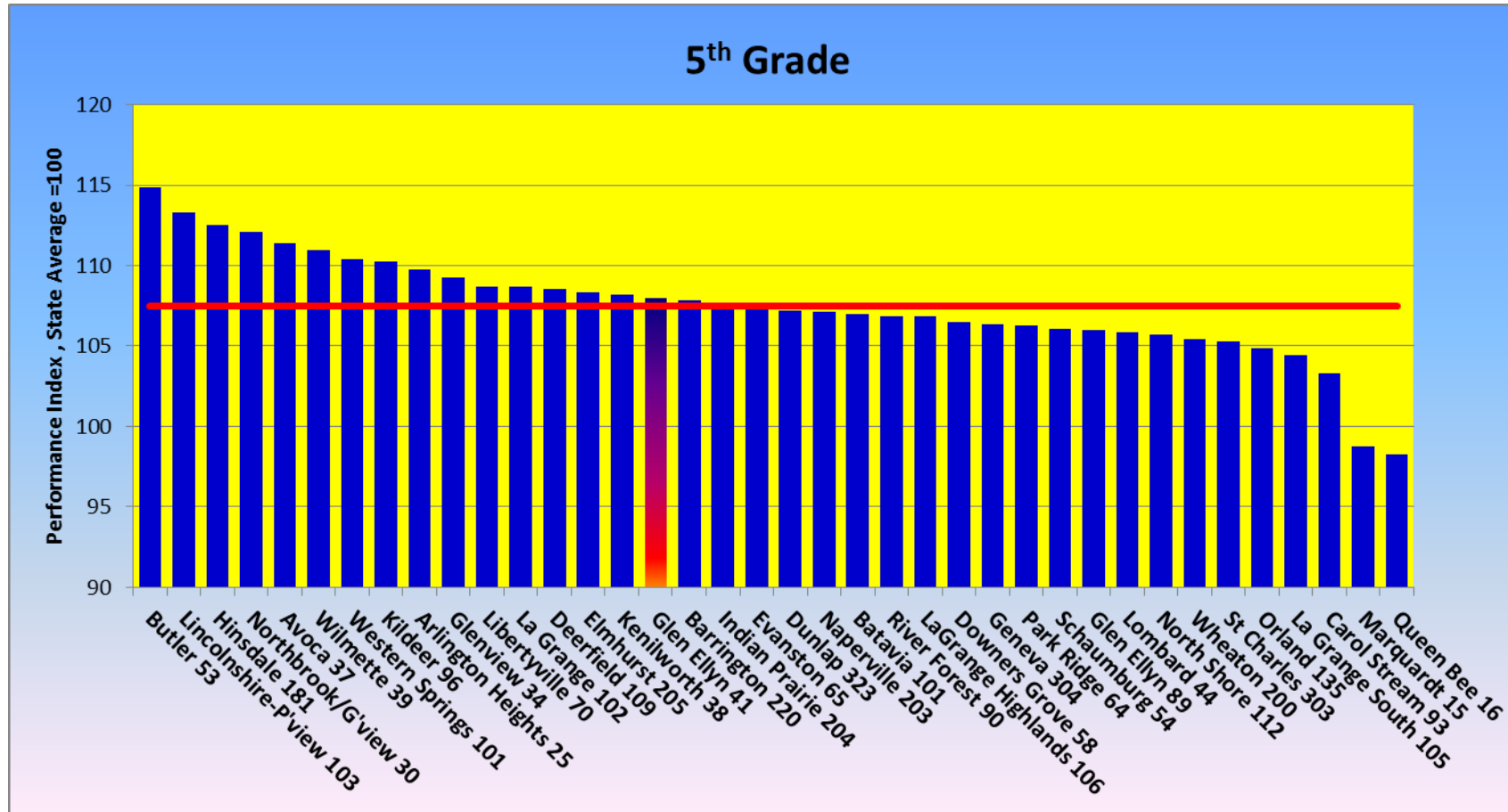
# 4<sup>th</sup> grade – about benchmark average



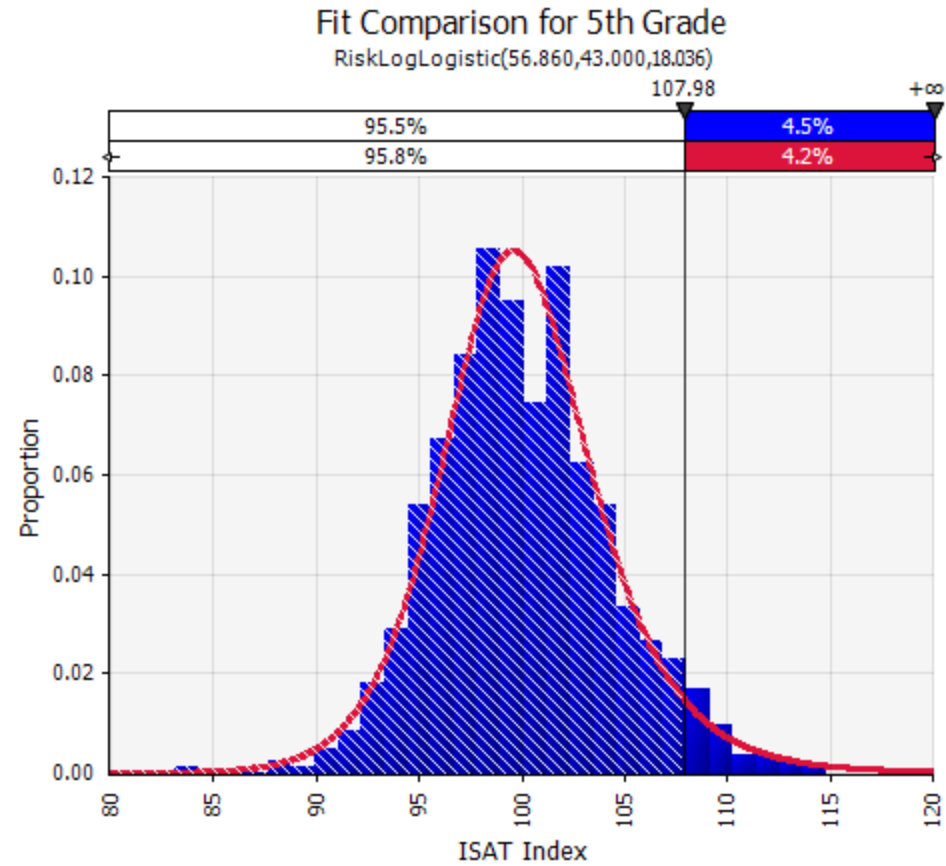
# Top 10% of State



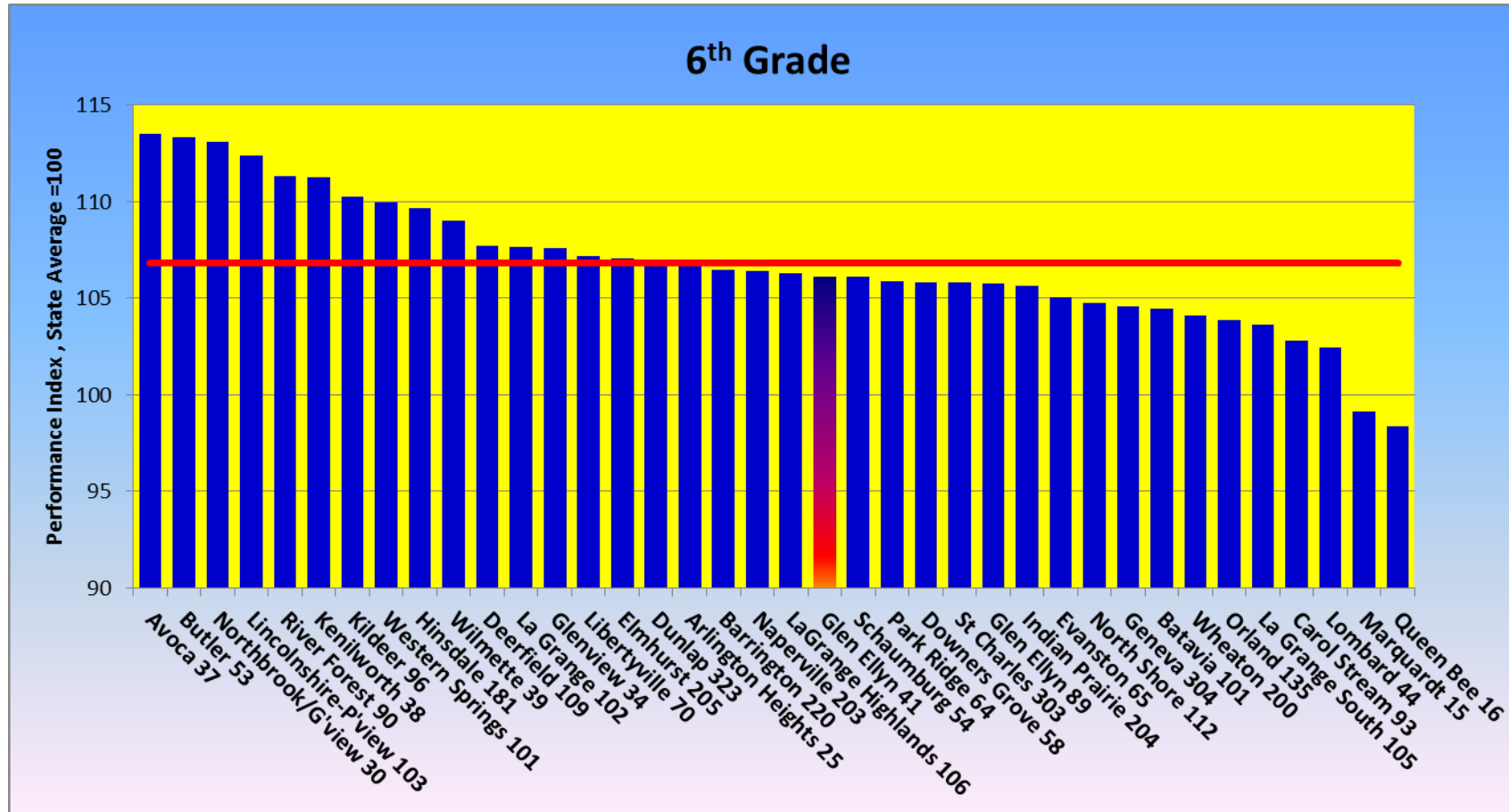
# 5<sup>th</sup> grade – above benchmark average



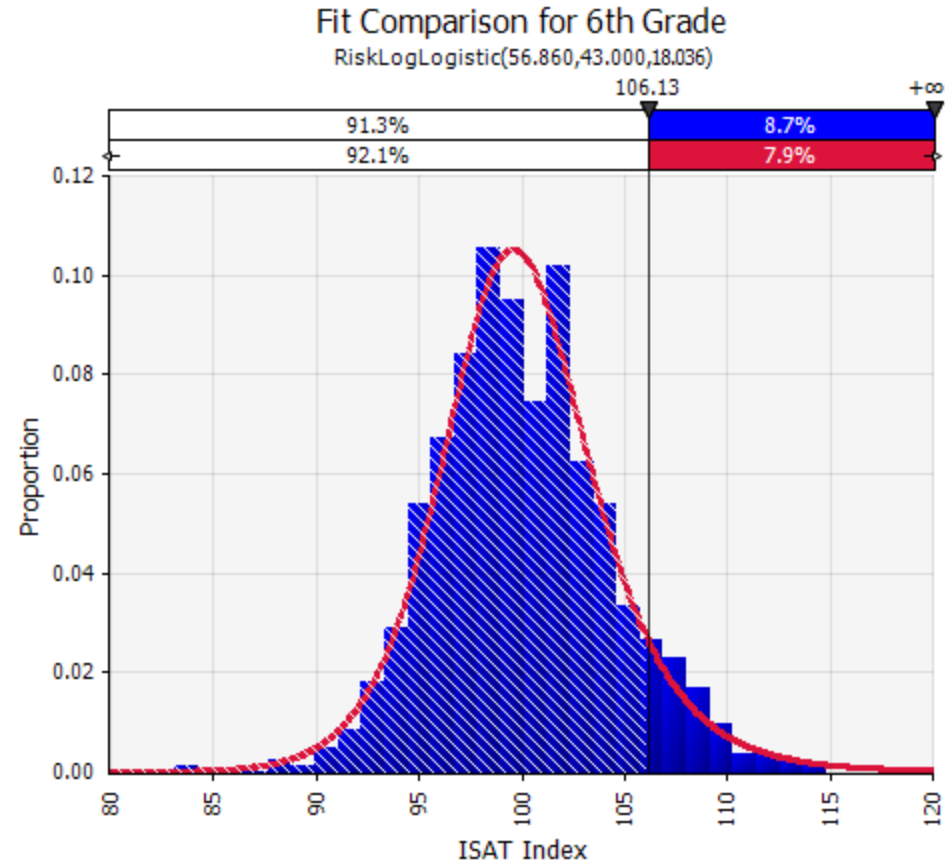
# Top 5% of State



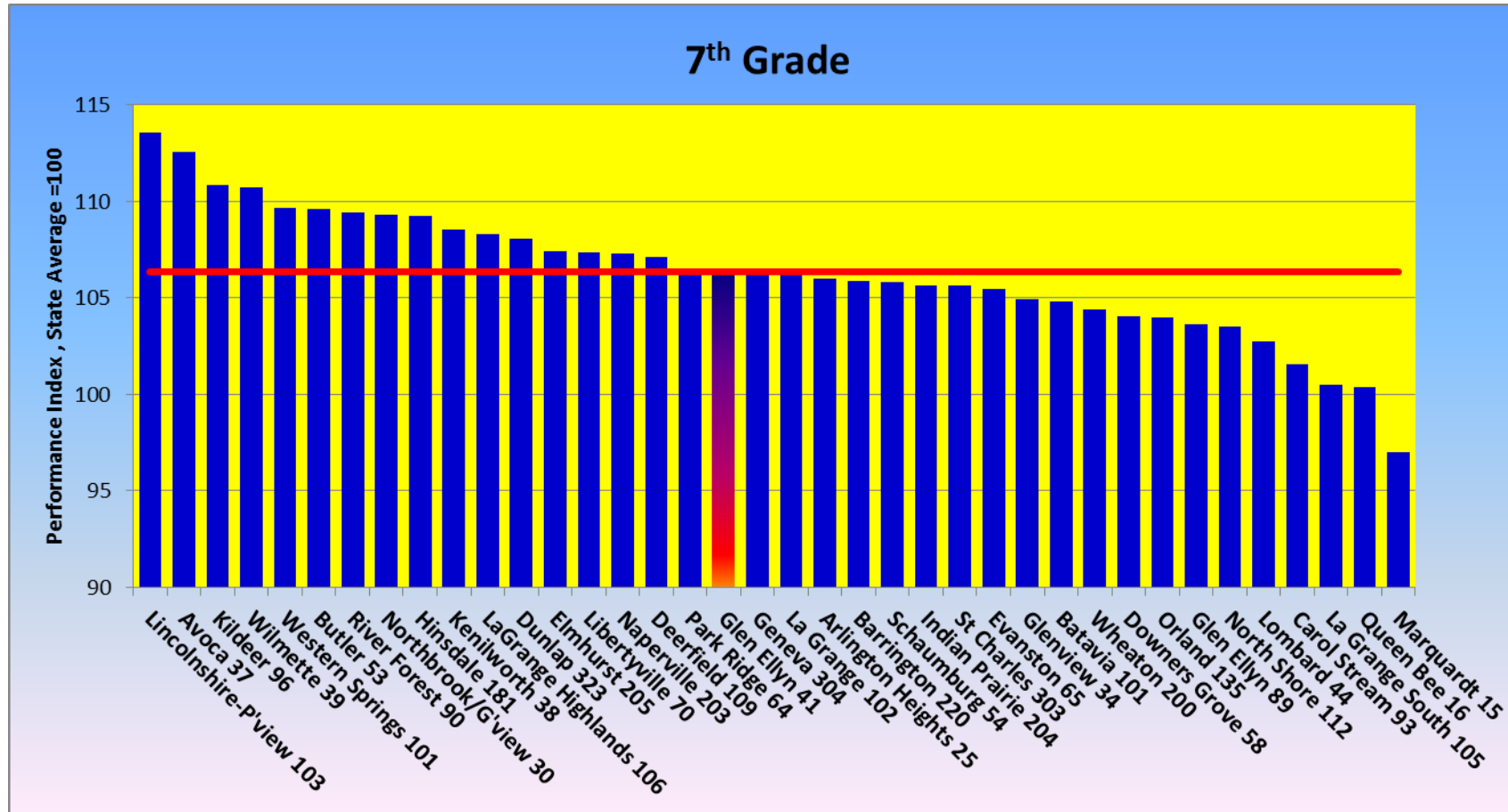
# 6<sup>th</sup> grade – at benchmark average



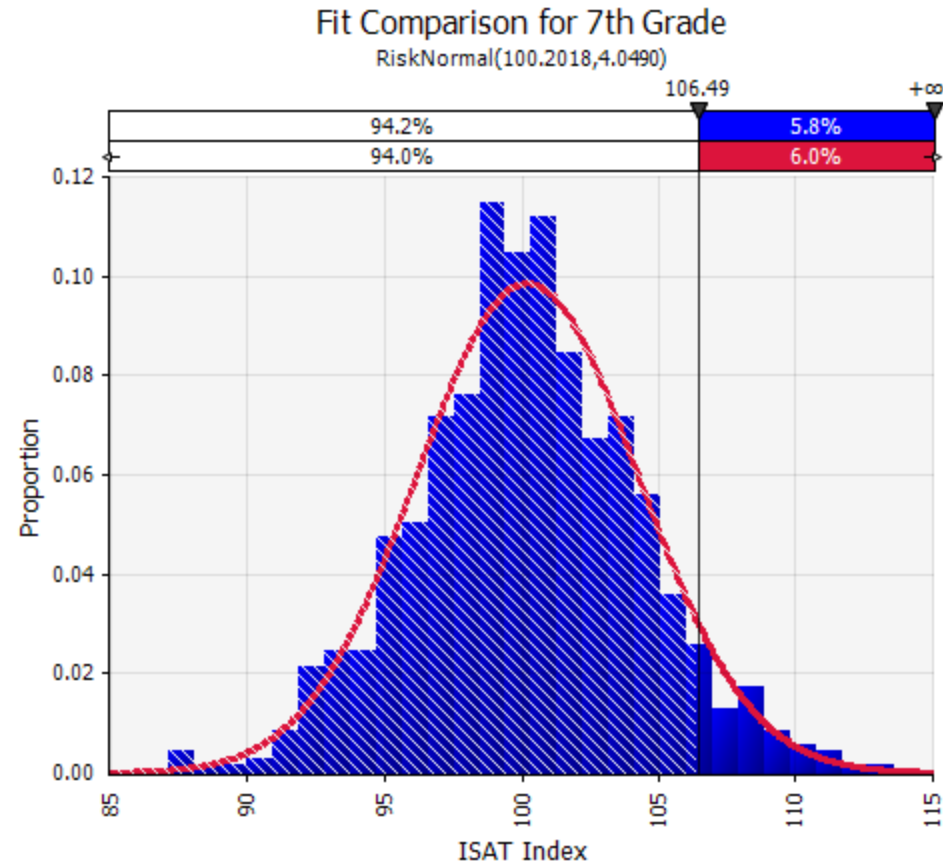
# Top 9% of State



# 7<sup>th</sup> grade - at benchmark average

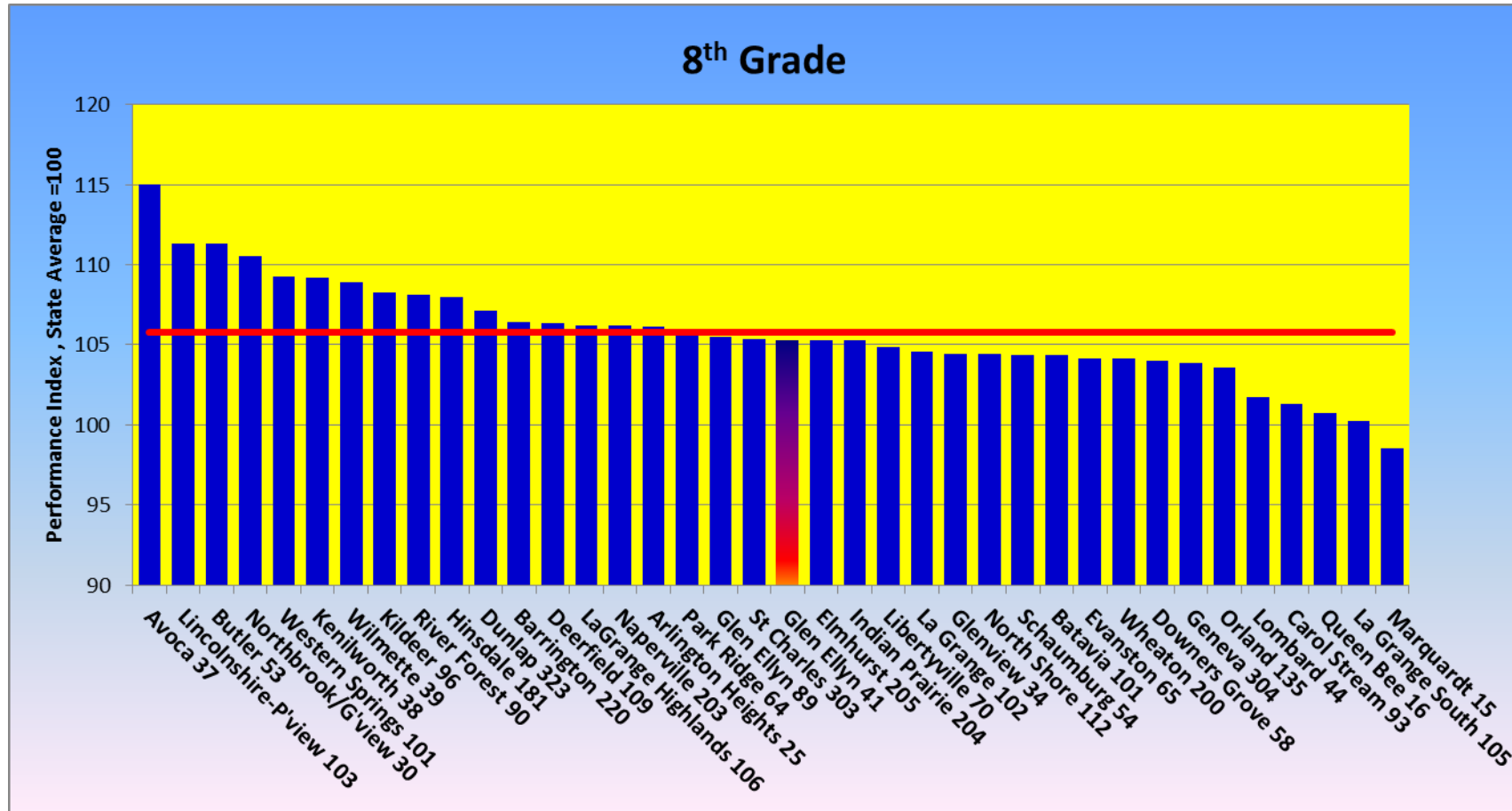


# Top 6% of State

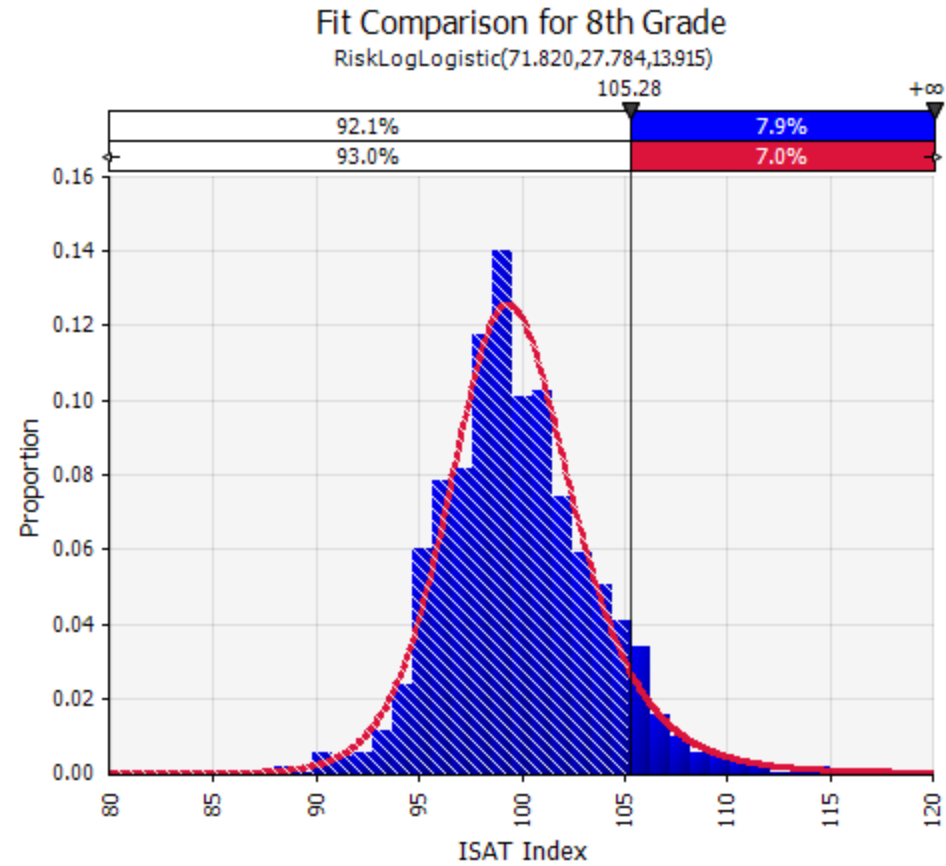




# 8<sup>th</sup> grade – about benchmark average

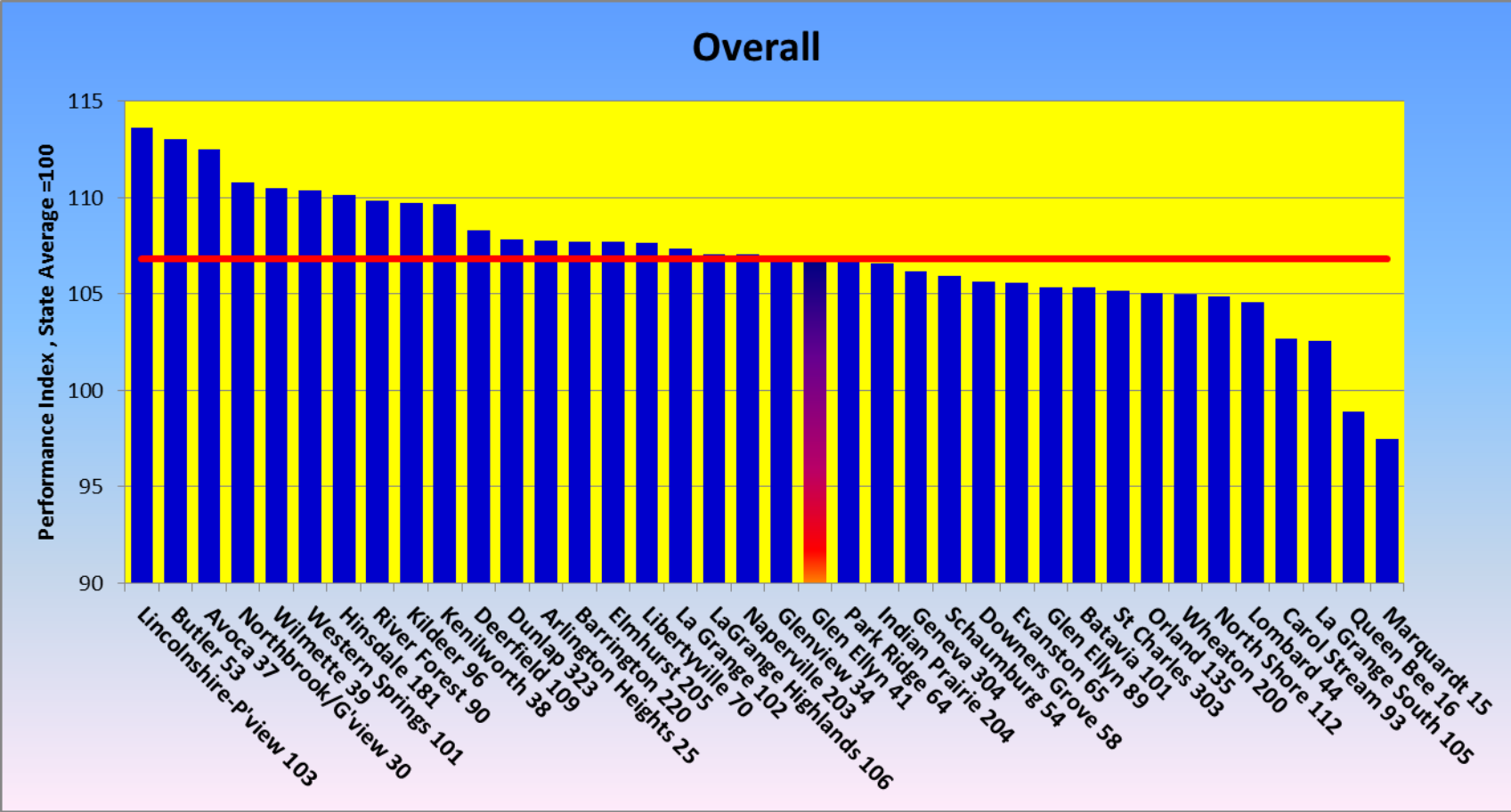


# Top 8% of State

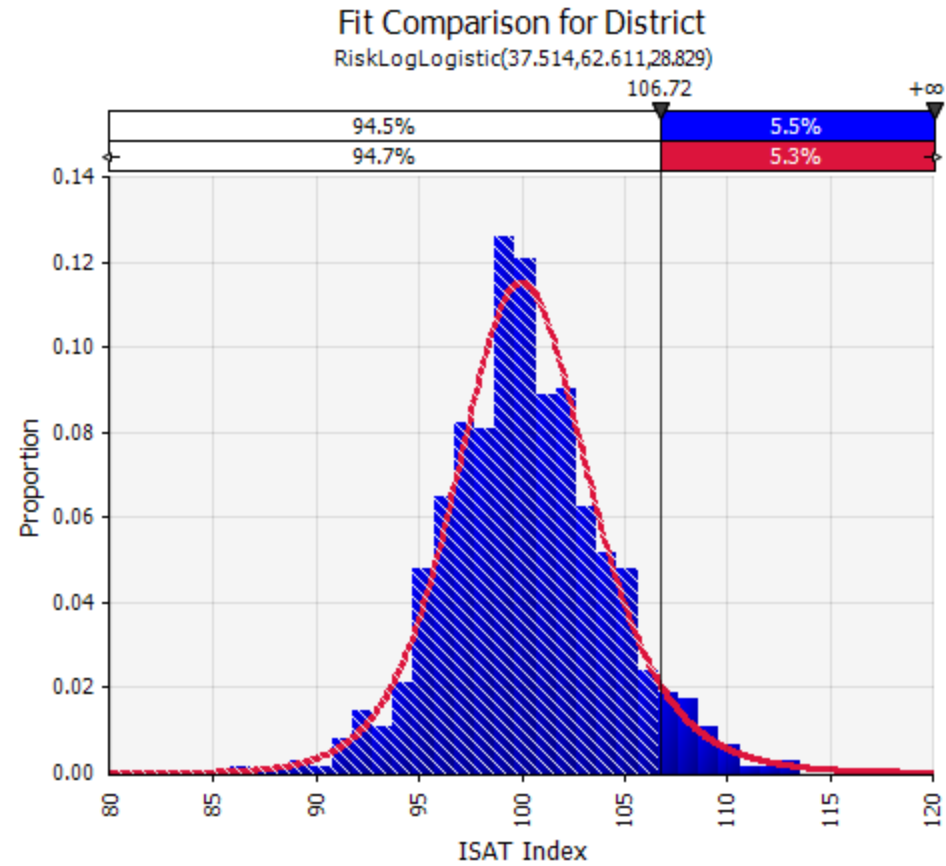


# ACADEMIC PERFORMANCE - OVERALL

# Overall – about benchmark average

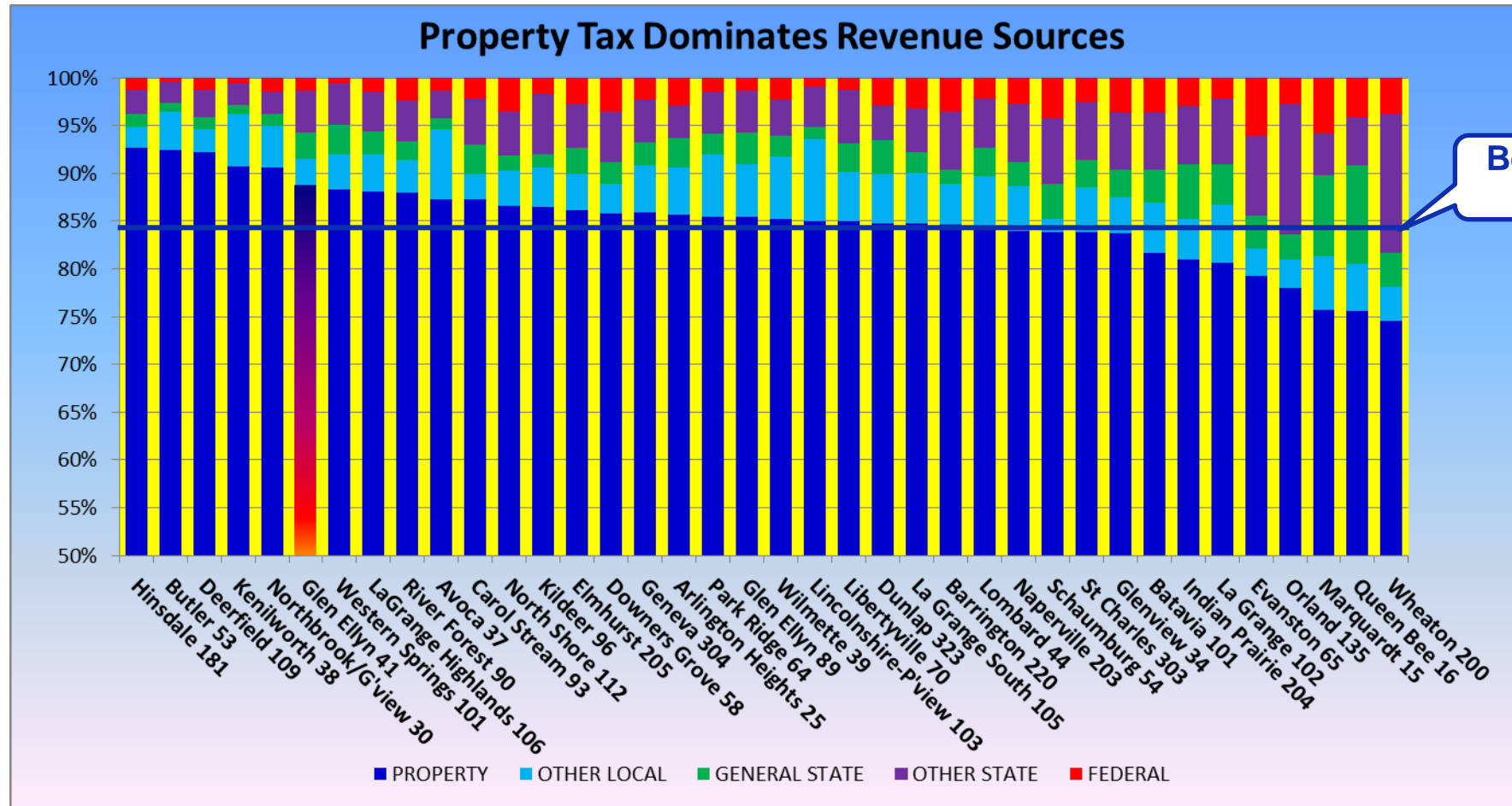


# Top 6% of State

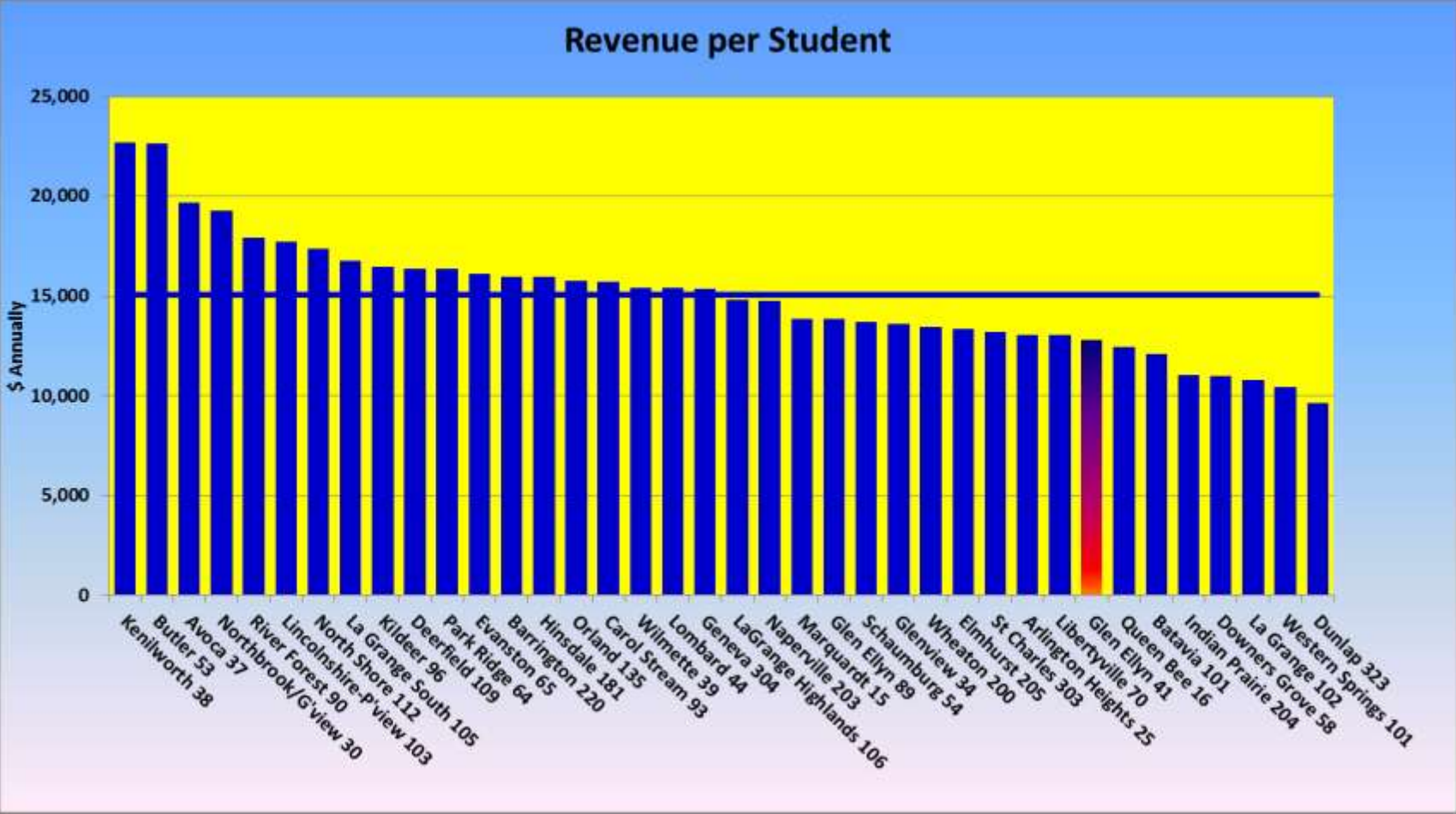


# FINANCE

# Property Tax as proportion of revenue

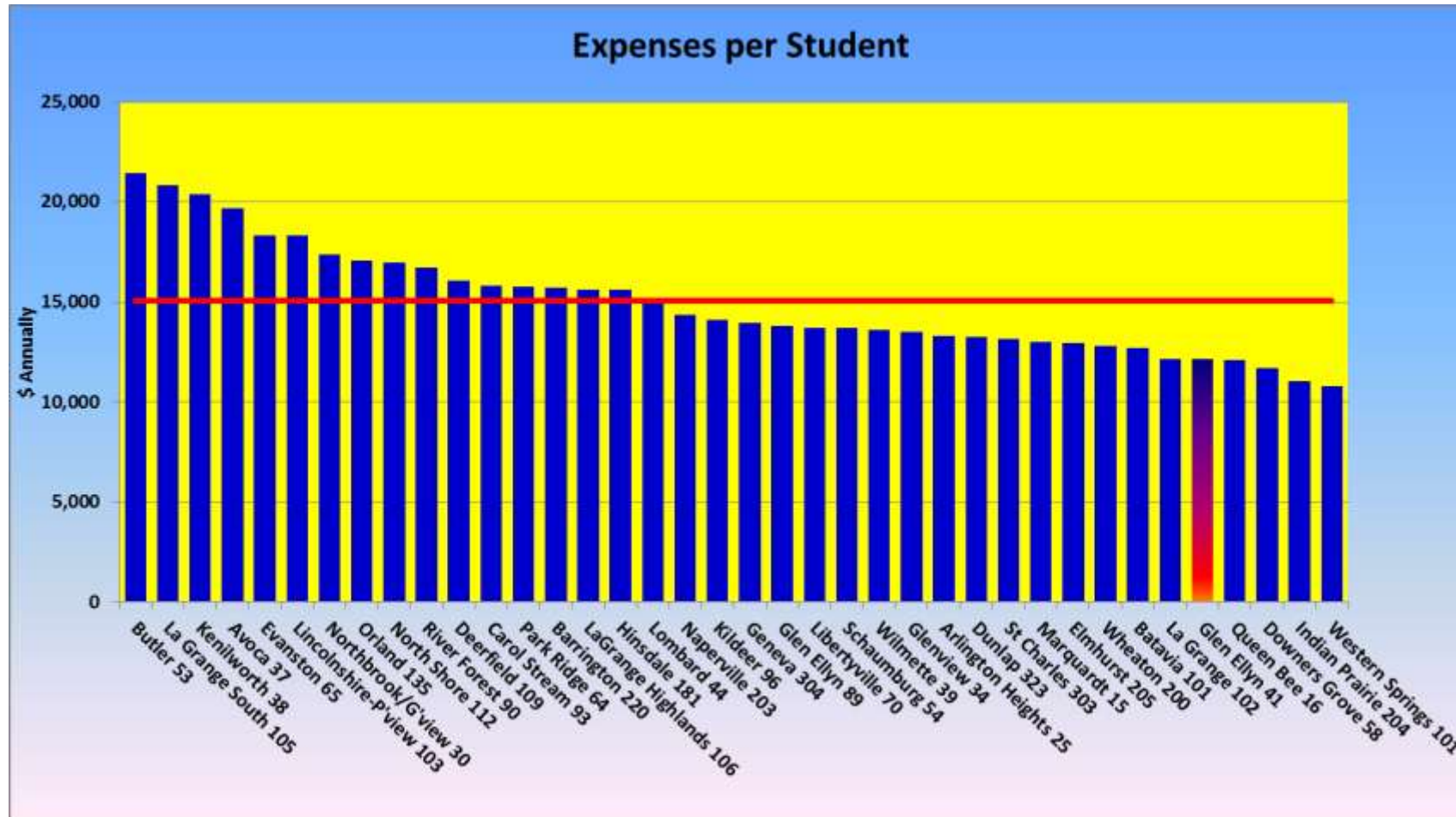


# Revenue per student below benchmark average

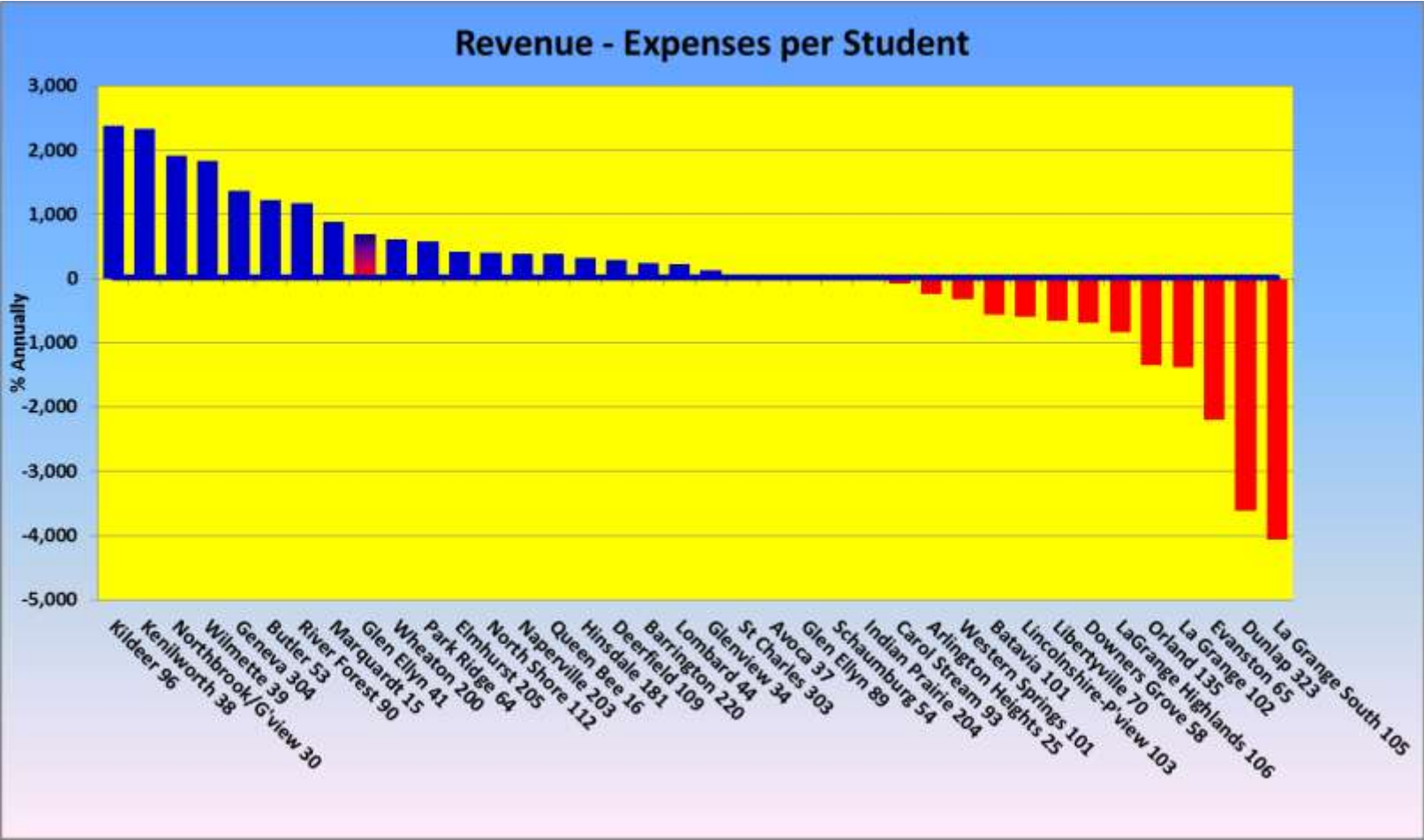




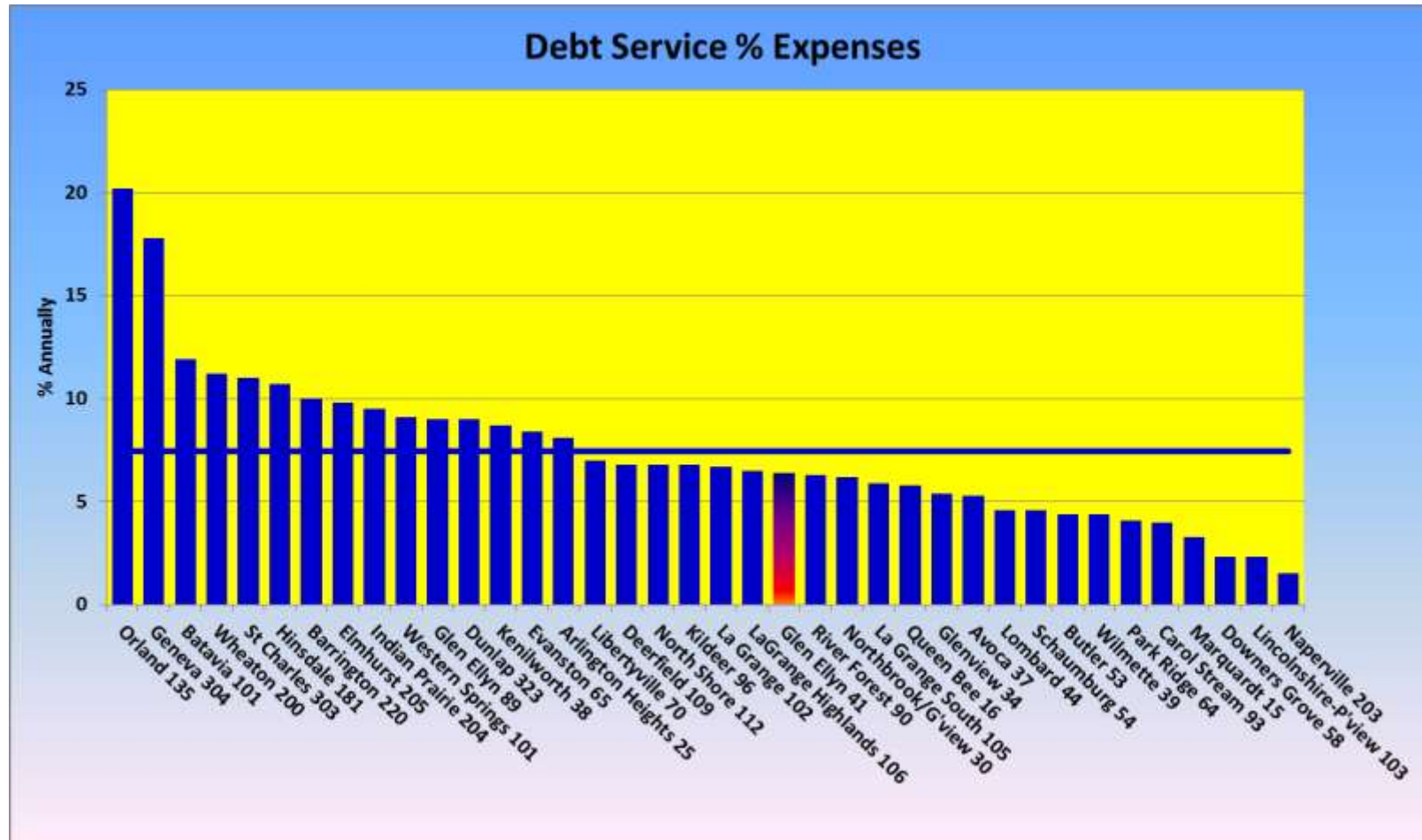
# Expenses per student below benchmark average



# Budget surplus among benchmark districts



# Debt service among benchmark districts



VALUE

# Performance ranking by school

School	N = 2,921 2,202 2,165 2,087 1,595 1,392 1,387 2,202 2,165 2,087 1,595 1,392 1,386 2,165 1,392 2,202 2,165 2,087 1,595 1,392 1,387 3,056 3,056 2,885																									
	ISAT	RANK	Reading						Mathematics						Science		Grade						Subject			
	Index		3rd	4th	5th	6th	7th	8th	3rd	4th	5th	6th	7th	8th	4th	7th	3rd	4th	5th	6th	7th	8th	Read	Math	Sci	
Hadley Junior High School	106.04	350				119	87	102				149	94	128		145				132	91	111	394	351	436	
Abraham Lincoln Elem School	105.84	378	691	415	188				381	282	179					502		499	373	180				462	312	627
Benjamin Franklin Elem School	110.64	69	37	210	58				75	138	37					120		54	134	41				77	65	128
Churchill Elem School	104.28	556	463	625	638				426	348	420					551		430	489	485				725	487	692
Forest Glen Elem School	109.12	137	191	119	217				162	106	72					211		160	124	109				180	107	243





























# District Rank Matrix

(2013 State Ranking of Normalized Data)

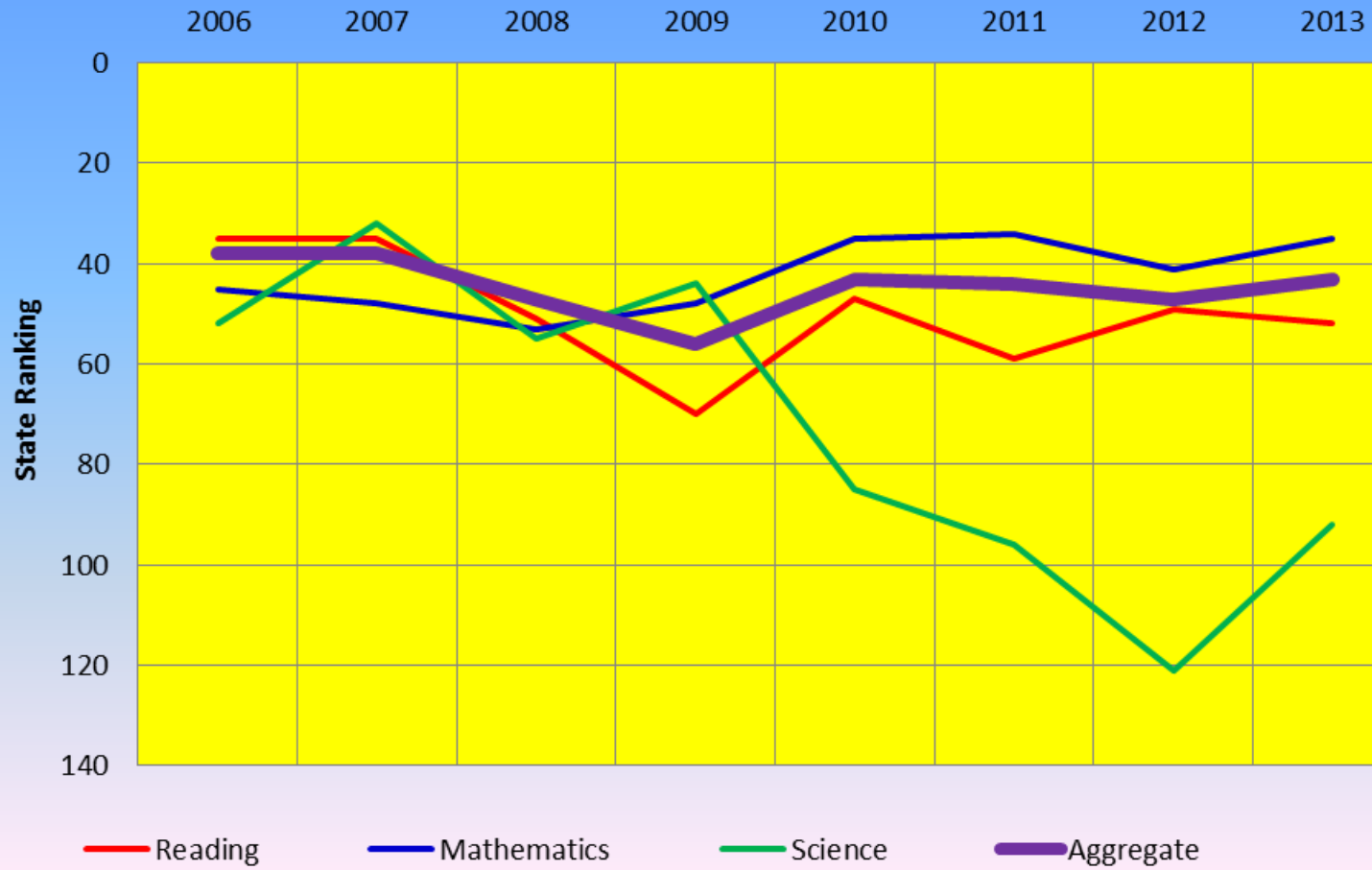
Grade	Reading	Mathematics	Science	Rank
3 <sup>rd</sup>	73	60		69
4 <sup>th</sup>	92	47	107	72
5 <sup>th</sup>	55	25		33
6 <sup>th</sup>	46	52		46
7 <sup>th</sup>	37	39	86	44
8 <sup>th</sup>	50	59		58
<b>Overall by Subject</b>	<b>52</b>	<b>35</b>	<b>92</b>	<b>39</b>

# 2012-2013 performance changes

(Arrows: large=ISAT Index, small=ISBE Meet & Exceed)

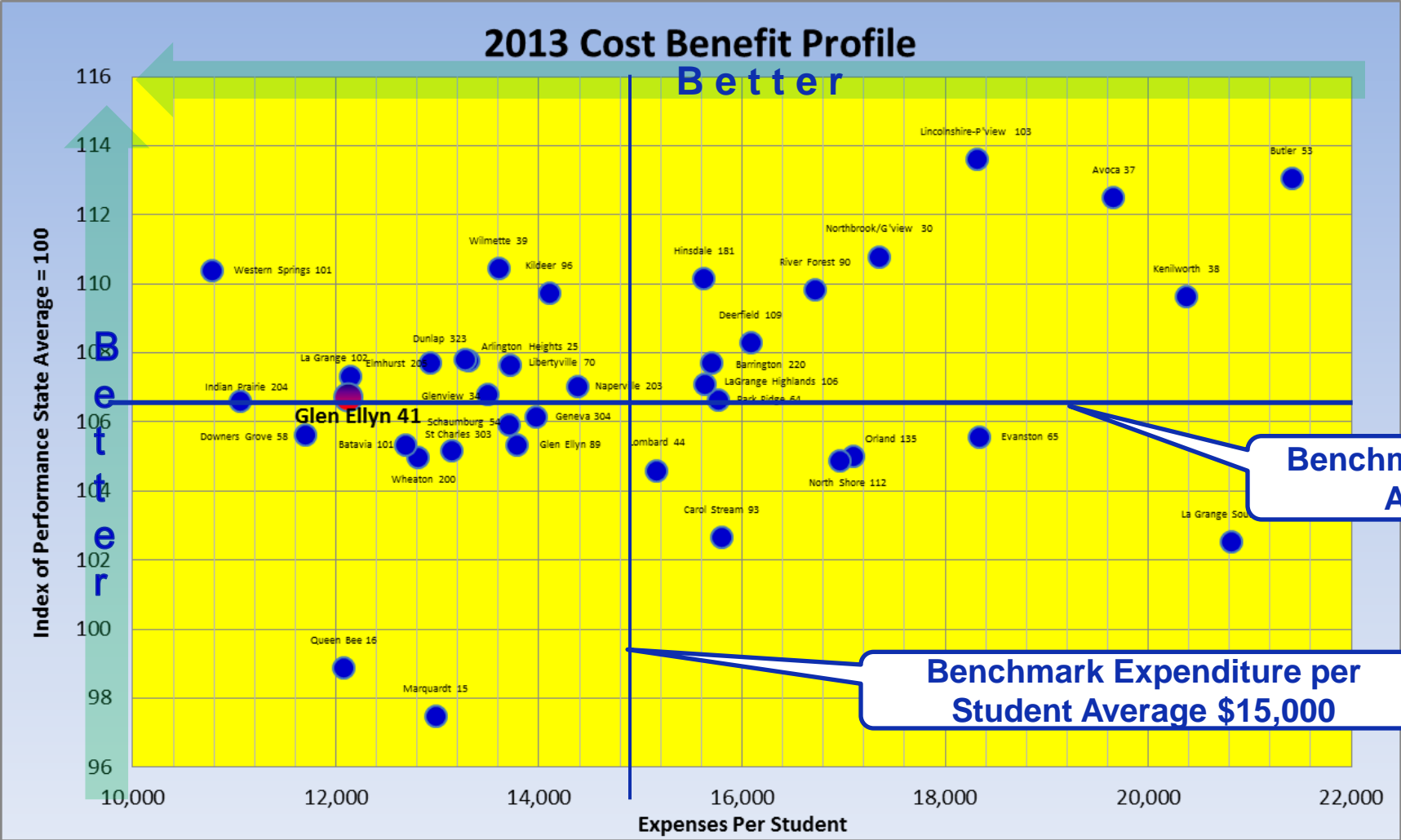
	Reading	Math	Science
Third	 	 	
Fourth	 	 	 
Fifth	 	 	
Sixth	 	 	
Seventh	 	 	 
Eighth	 	 	

## Time Line of State Rankings by Subject





# Value profile of benchmark districts



# State ranking cohort performance

## Glen Ellyn 41

1

Year	2008	2009	2010	2011	2012	2013	
8th Graders	3	4	5	6	7	8	8th
Reading	88	99	38	59	31	50	
Mathematics	101	51	41	48	26	59	

7th Graders		3	4	5	6	7	7th
Reading		125	41	36	53	37	
Mathematics		77	36	43	52	39	

6th Graders			3	4	5	6	6th
Reading			128	55	63	46	
Mathematics			76	44	28	52	

5th Graders				3	4	5	5th
Reading				96	57	55	
Mathematics				76	64	25	

Note: The lower the number, the higher the ranking

### Average Cohort Rank by Year

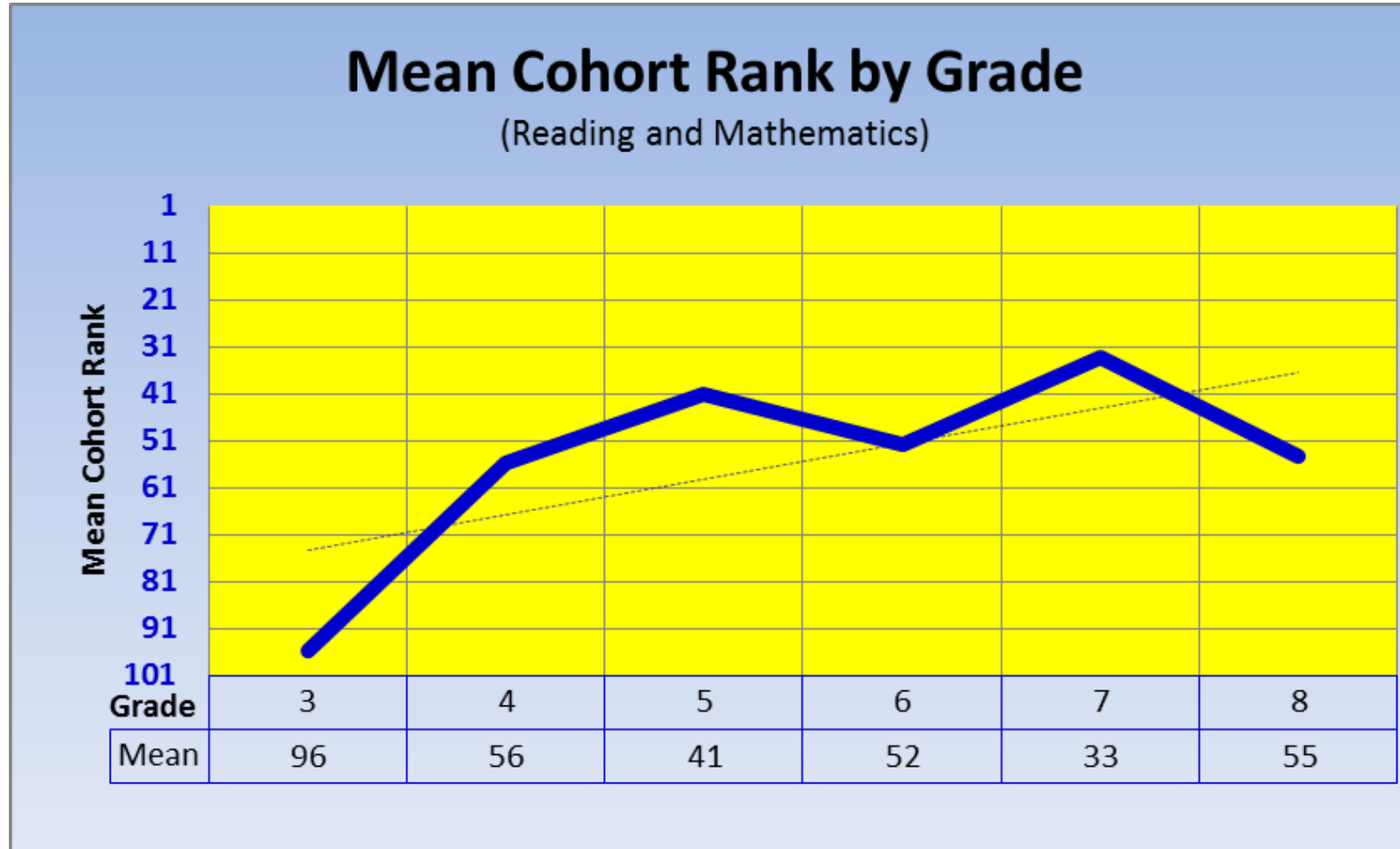
	2008	2009	2010	2011	2012	2013
Mean Rank	95	88	60	57	47	45

### Average Cohort Rank By Grade

	3	4	5	6	7	8	Rate/Grade
Mean Rank	96	56	41	52	33	55	7.9%

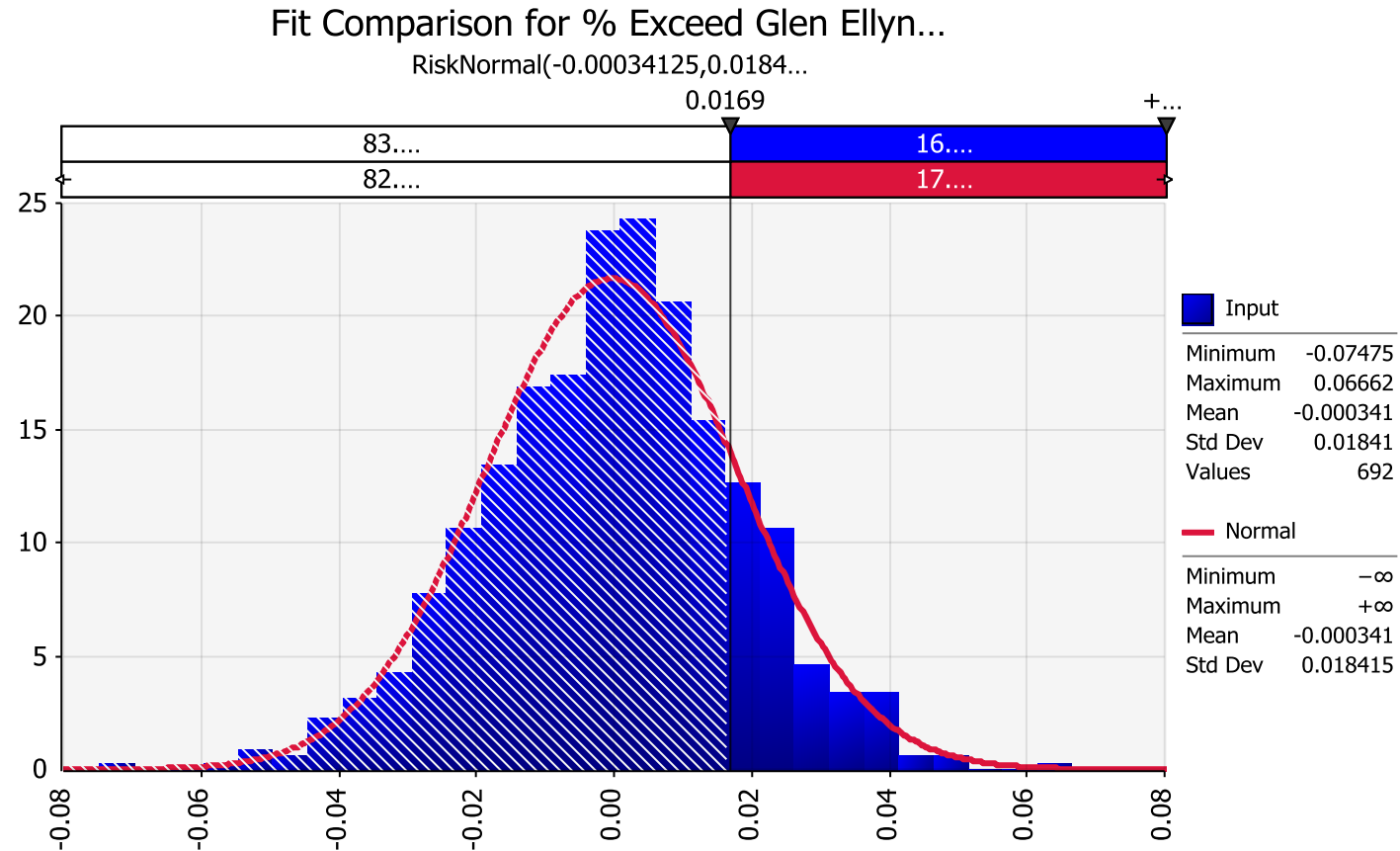
Annual Improvement Rate

# Overall cohort trend



# Based on districts with similar demographics

## Glen Ellyn 41 exceeds expectations



# Summary – District 41

- Maintains top 40 position in state even with addition of Common Core questions on ISAT tests.
- Areas needing the most attention:
  - Science
  - Sixth and eighth grades
- Value
  - Good academic performance at lower than average cost
  - Exceeds expectations based on other districts with similar student makeup
  - Strong finances