



**“Without a yardstick,
there is no measurement.
And without measurement,
there is no control.”**

Pravin M. Shah

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Questions Arise

Is Glen Ellyn 41:

- Effectively competing academically?
- Financially sound and controlled?
- Providing value for tax dollar?
- Meeting expectations?

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To Answer Previous Questions


One Must Know:

- What needs to be measured?
- How should Glen Ellyn 41 be compared?
- With whom should Glen Ellyn 41 be compared?
- Where's the data?
- What approach needs to be taken?

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What Needs to Be Addressed?

- **Academics**
- **Finance**
- **Value**
- **Expectations**

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What does Benchmarking Deliver?

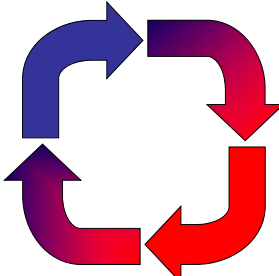
- Prioritize opportunities for improvement
- Locate your performance gaps
- Determine how well you compare to others
- Experience best practices in action
- Promote internal process "ownership"
- Improve beyond the bounds of traditional standards


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It's a Process that Generates Results

1. Conduct Comparisons & Measures
2. Identify & Prioritize Improvement Opportunities
3. Tailor Best Practices To Your District
4. Implement Best Practices




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Agenda

- **Data Viability**
- **Academic Performance**
- **Fiscal Integrity**
- **Value**

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Data Viability

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CAUTION

All is not what it seems!

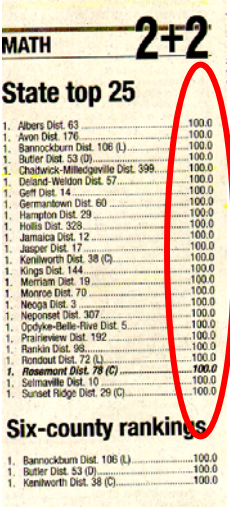
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"Meet and Exceed" Doesn't Differentiate



MATH **2+2**


State top 25

1. Albers Dist. 63	100.0
1. Avon Dist. 176	100.0
1. Bannockburn Dist. 106 (L)	100.0
1. Butler Dist. 53 (D)	100.0
1. Chadwick-Millerville Dist. 399	100.0
1. Deland-Weldon Dist. 57	100.0
1. Gelff Dist. 14	100.0
1. Germantown Dist. 60	100.0
1. Hampton Dist. 29	100.0
1. Hollis Dist. 328	100.0
1. Jamaica Dist. 12	100.0
1. Jasper Dist. 17	100.0
1. Kenilworth Dist. 38 (C)	100.0
1. Kings Dist. 144	100.0
1. Merriam Dist. 19	100.0
1. Monroe Dist. 70	100.0
1. Neoga Dist. 3	100.0
1. Newport Dist. 307	100.0
1. Opdyke-Belle-Rive Dist. 5	100.0
1. Prairieview Dist. 192	100.0
1. Rankin Dist. 98	100.0
1. Rondout Dist. 72 (L)	100.0
1. Rosemont Dist. 79 (C)	100.0
1. Selmaville Dist. 10	100.0
1. Sunset Ridge Dist. 29 (C)	100.0

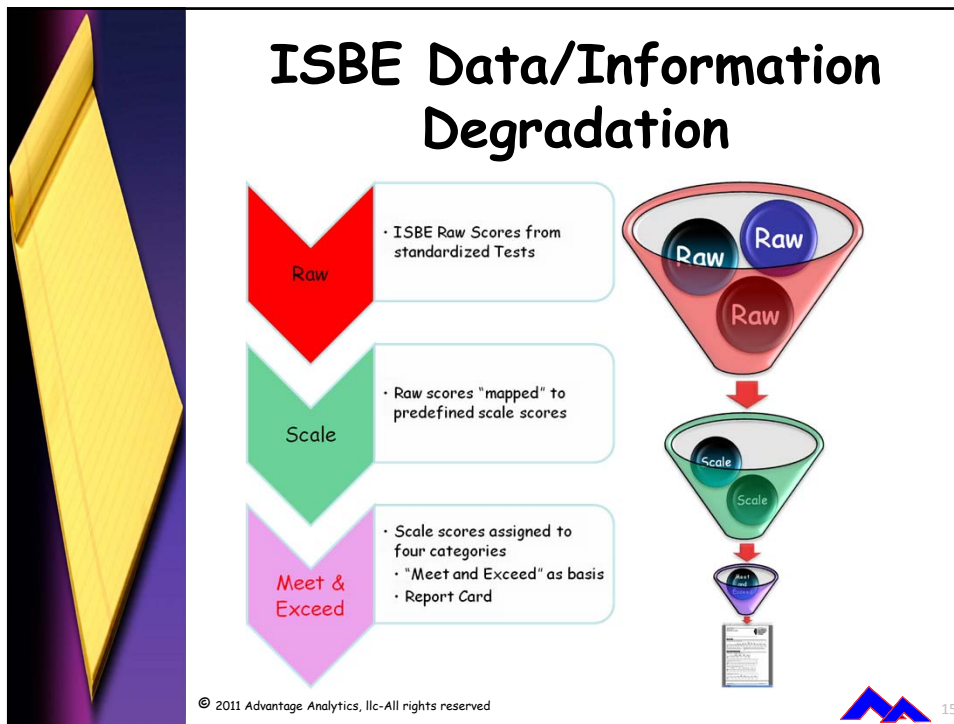
Six-county rankings

1. Bannockburn Dist. 106 (L)	100.0
1. Butler Dist. 53 (D)	100.0
1. Kenilworth Dist. 38 (C)	100.0

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Scale Score "Mapping" Vulnerable to Bias

2011

Scale Score Ranges that Define Student Performance Levels on the 2011 ISAT Scales

ISAT READING	Academic Warning (W) Level 1	Below Standards (B) Level 2	Meets Standards (M) Level 3	Exceeds Standards (E) Level 4
3	120-155	156-190	191-226	227-32
4	120-157	158-202	203-236	237-34
5	120-160	161-214	215-246	247-35
6	120-166	167-219	220-256	257-36
7	120-173	174-225	226-266	267-36
8	120-179	180-230	231-277	278-36

2006

Seems to be Modified to "look good"

READING (Scale = 120-200)				
Grade	Academic Warning	Below Standards	Meets Standards	Exceeds Standards
3	120-157	158-195	196-172	173-200
4	120-128	130-155	156-176	177-200
5	120-128	129-161	162-172	173-200
6*	120-138	136-162	163-174	175-200

WRITING (Scale = 8-32)				
Grade	Academic Warning	Below Standards	Meets Standards	Exceeds Standards
3	6-13	14-21	22-29	30-32
4	6-13	14-20	21-27	28-32
5	6-14	16-20	21-27	28-32
6*	6-14	16-20	21-27	28-32

MATHEMATICS (ISAT and BRAGE) (Scale = 120-200)				
Grade	Academic Warning	Below Standards	Meets Standards	Exceeds Standards
3	120-141	142-162	163-172	173-200
4	120-137	138-167	168-186	187-200
5	120-137	138-161	162-164	165-200
6*	120-138	139-167	168-167	169-200

SCIENCE (Scale = 120-200)				
Grade	Academic Warning	Below Standards	Meets Standards	Exceeds Standards
4	120-138	139-163	164-176	177-200
5	120-141	142-160	161-174	175-200

Source: ISBE Website 2011

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ISAT Measurements as Supplied by ISBE

OVERALL DISTRICT 54 SCORES
2006-2007
ISAT, IMAGE, IAA
% Meet/Exceed
(Average)

DISTRICT	READING	MATH	SCIENCE	ALL TESTS
2007	84.3	91.2	90.6	88.2
2006	81.9	88.8	90.5	86.1

ALL STUDENTS BY GRADE LEVEL

READING

GRADE	3	4	5	6	7	8
2007	79.7%	83.9%	81.7%	85.8%	85.0%	89.4%
2006	78.5%	81.7%	79.1%	84.4%	80.5%	87.3%

MATH

GRADE	3	4	5	6	7	8
2007	91.2%	92.6%	90.4%	91.9%	90.4%	90.9%
2006	90.1%	89.1%	87.3%	90.7%	88.5%	87.3%

SCIENCE

GRADE	4	7
2007	90.8%	90.4%
2006	90.0%	91.0%

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"Meet and Exceed" Criteria: an Example

	Reading	Math	Science
2006 ISAT District 54 Meet and Exceed %	81.9	88.8	90.5

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"Meet and Exceed" Criteria Gravely Misleading

	Reading	Math	Science
2006 ISAT District 54 Meet and Exceed %	81.9	88.8	90.5
2006 District 54 Scale Score Percentile	79	85	50

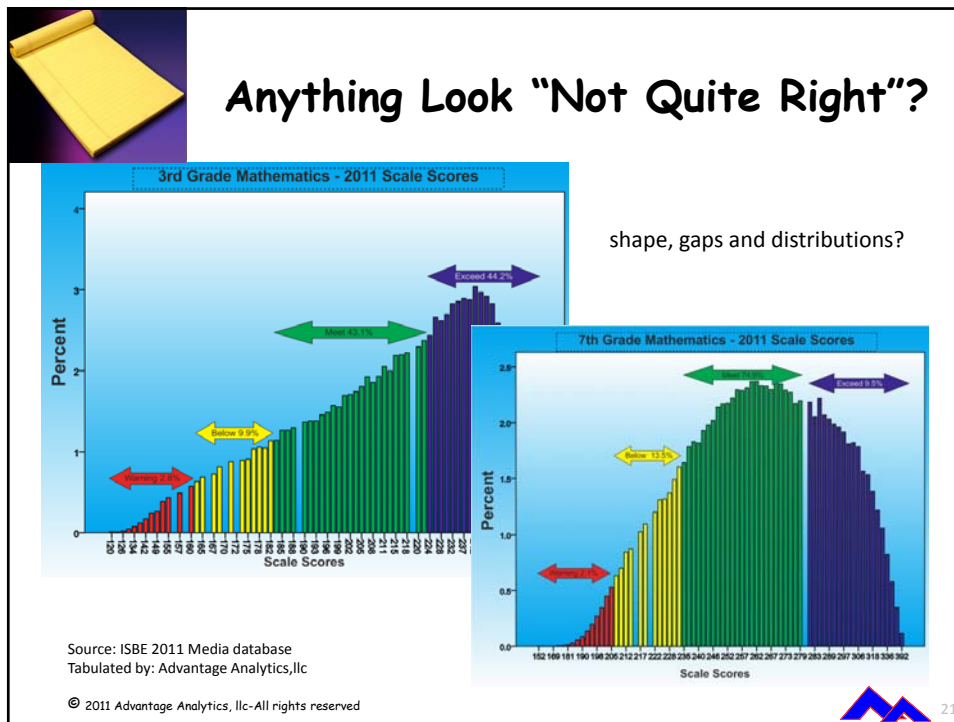
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"Meet and Exceed" Criteria: Not Effectively Responsive to Comparability


Considerable disparity in meaning of "Exceed"

Grade & Exam Subject	Warning	Below	Meet	Exceed
3Read	5	15	48	32
3Math	10	10	43	44
4Read	0	24	45	30
4Math	11	11	60	20
5Sci	0	17	59	24
5Read	0	23	49	27
5Math	0	15	65	19
6Read	0	16	57	27
6Math	0	15	58	26
7Read	0	21	56	21
7Math	0	14	75	10
7Sci	0	12	58	24
8Read	0	15	75	10
8Math	0	13	55	32

Source: ISBE 2011 Media database
Tabulated by: Advantage Analytics, llc
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-
- ### Problems with "Meet & Exceed" ISAT Standards
- Inconsistent
 - Non comparable
 - Misleading
 - Quantitatively useless
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Opportunity for Improvement With "Meet and Exceed"

- Make amenable to comparability between
 - Subjects,
 - Grades,
 - Years.
- Develop viability for comparing the same subject for the same grade.
- Integrate with state data toward focusing on needs of individual districts.

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HOW?

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Before knowing where we want to go - we must have knowledge of where we are!


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Create Homogeneous Data before Conversion to Information!

- Use scale scores (over 3 million tests)
- Derive Score **Index** for comparability of:
 - Subjects
 - Grades
 - Years
- Set state averages to 100

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Selection of Benchmark Districts

Basis of Selection - Criteria

1. Academics
2. Size of district (pupils)
3. Demographics
4. Geographic proximity
5. Top ten districts in state
6. Feeder districts to Glenbard 87

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Benchmark Districts Selected(1): The Very Strong Competition!

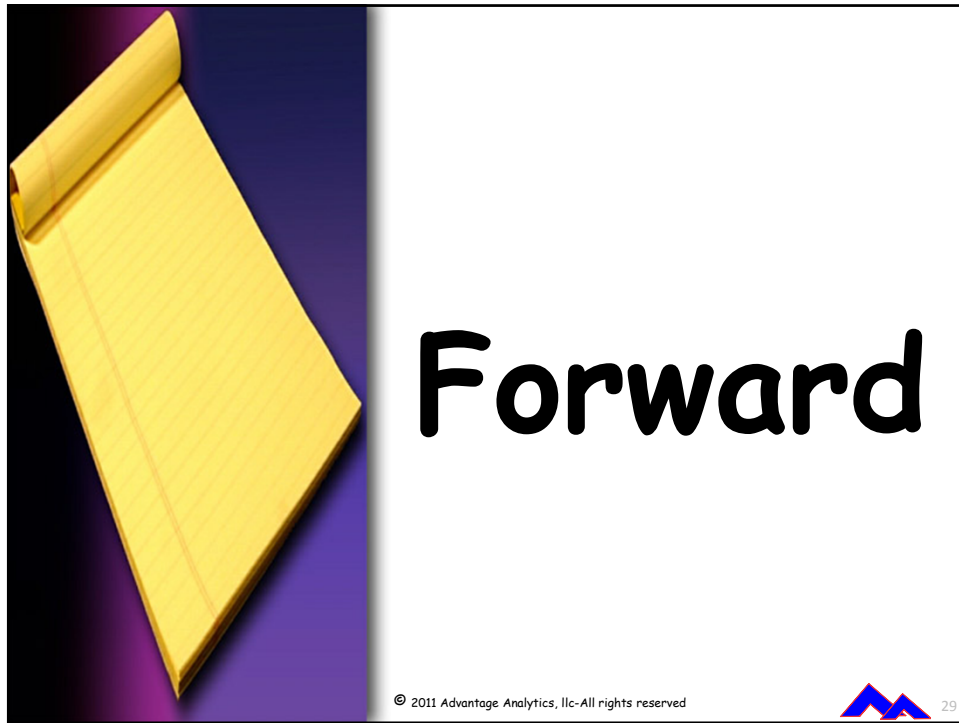
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- Avoca 37
- Barrington 220³
- Batavia 101³
- Butler 53
- Carol Stream 93²
- Deerfield 109
- Downers Grove 58
- Dunlap 323³
- Elmhurst 205³
- Evanston 65
- Geneva 304³
- Glen Ellyn 89²
- Glenview 34
- Hinsdale 181
- Indian Prairie 204³
- Kenilworth 38
- Kildeer Countryside 96
- La Grange 102
- La Grange 105 South
- LaGrange Highlands 106
- Libertyville 70
- Lincolnshire-Prairieview 103
- Lombard 44²
- 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 200³
- Wilmette 39

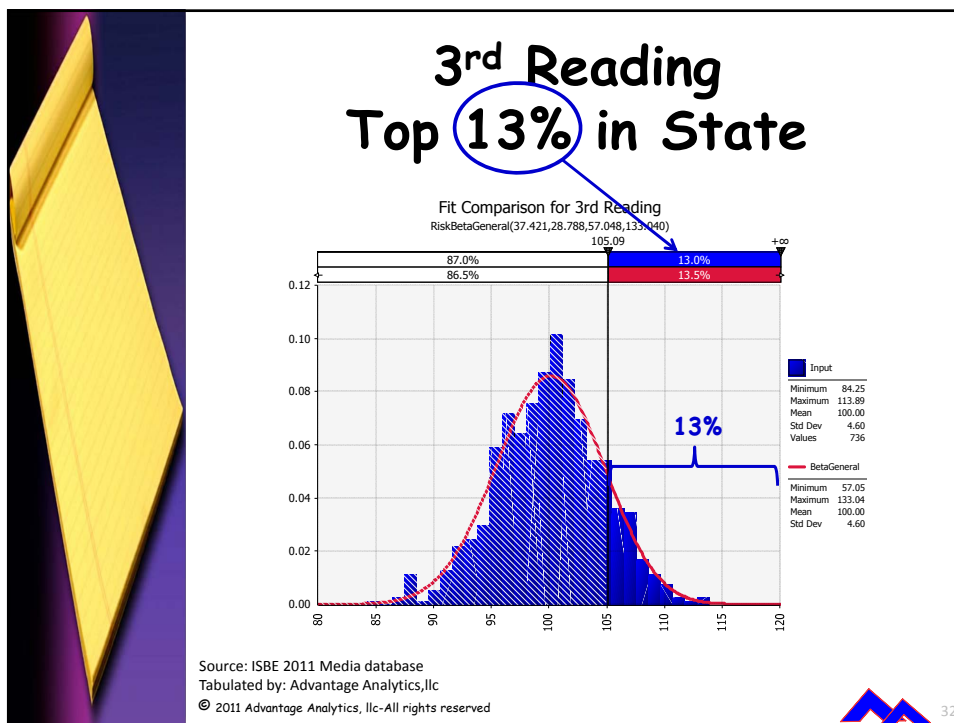
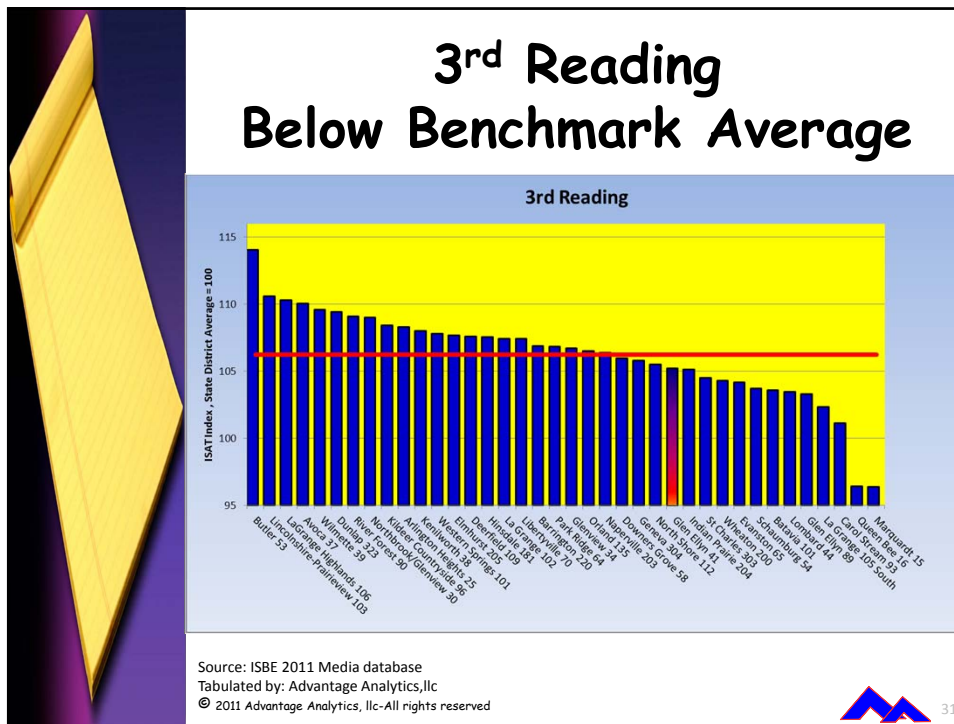
Notes: 1. Districts selection committee - 2011 Glen Ellyn 41
2. Elementary feeder districts to High School District 87
3. Unit Districts

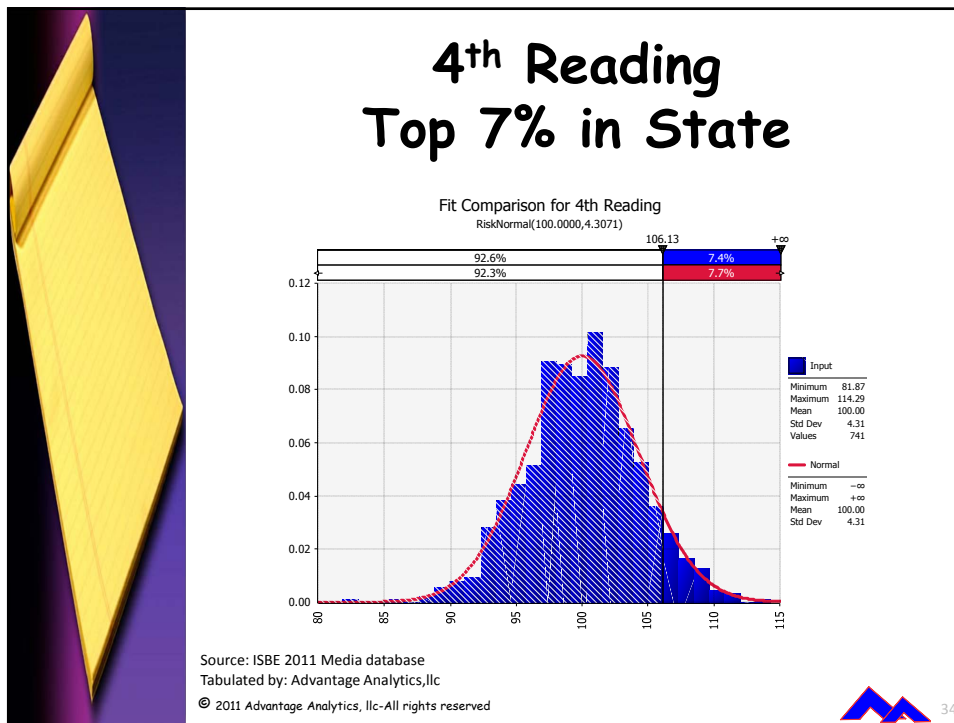
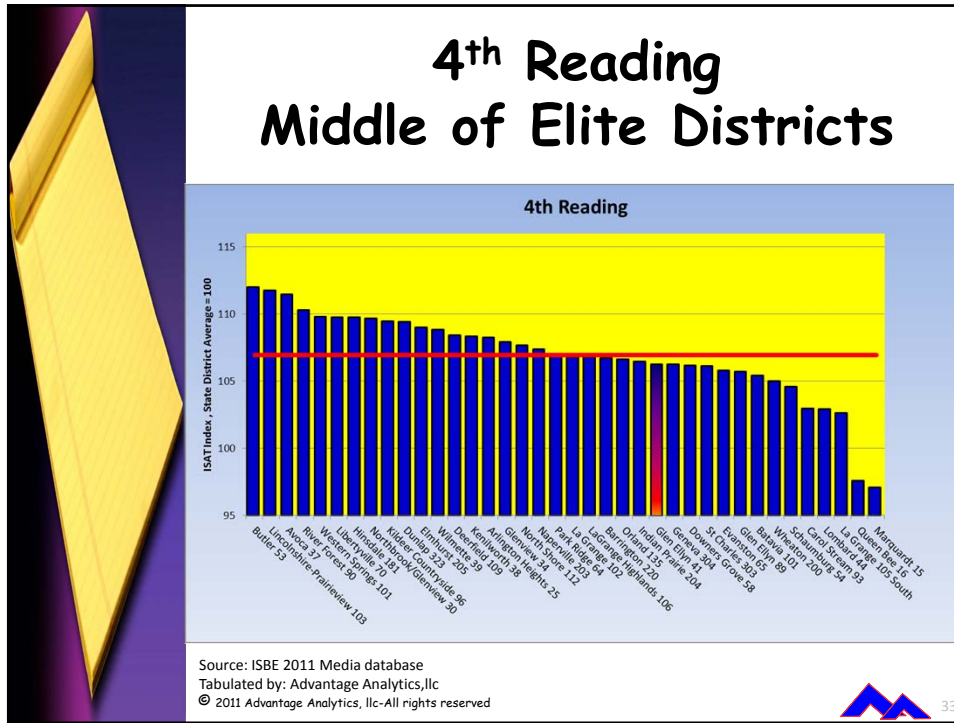
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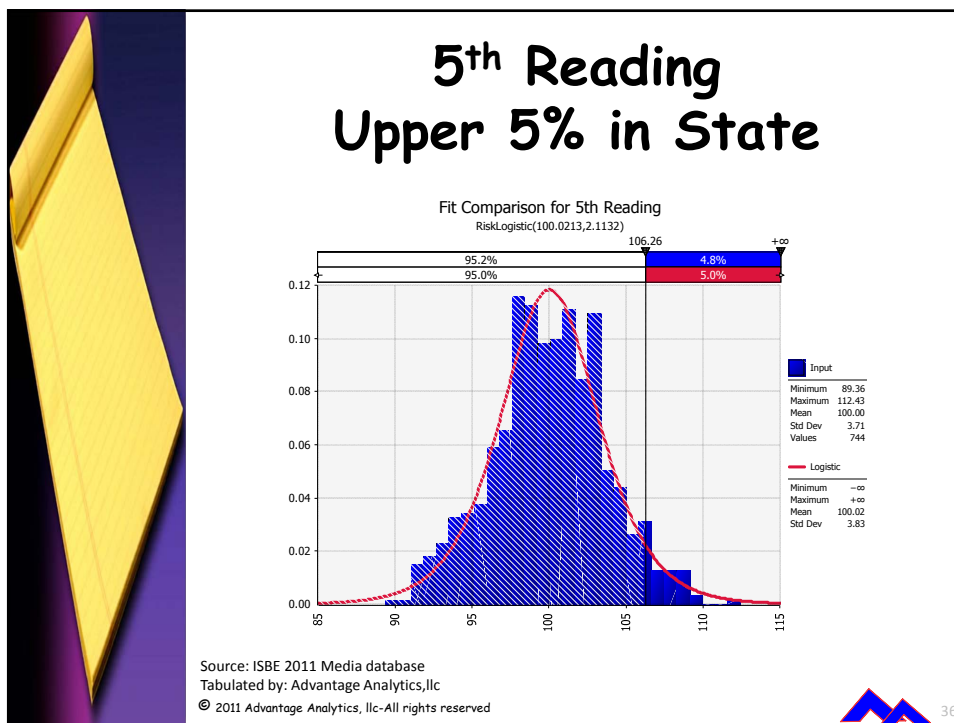
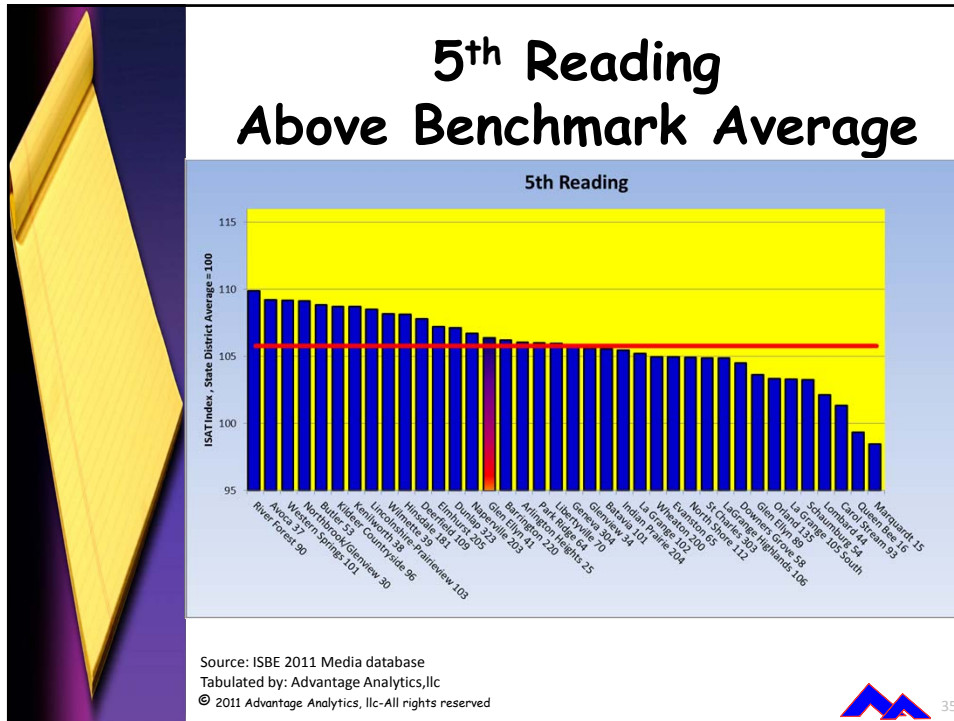


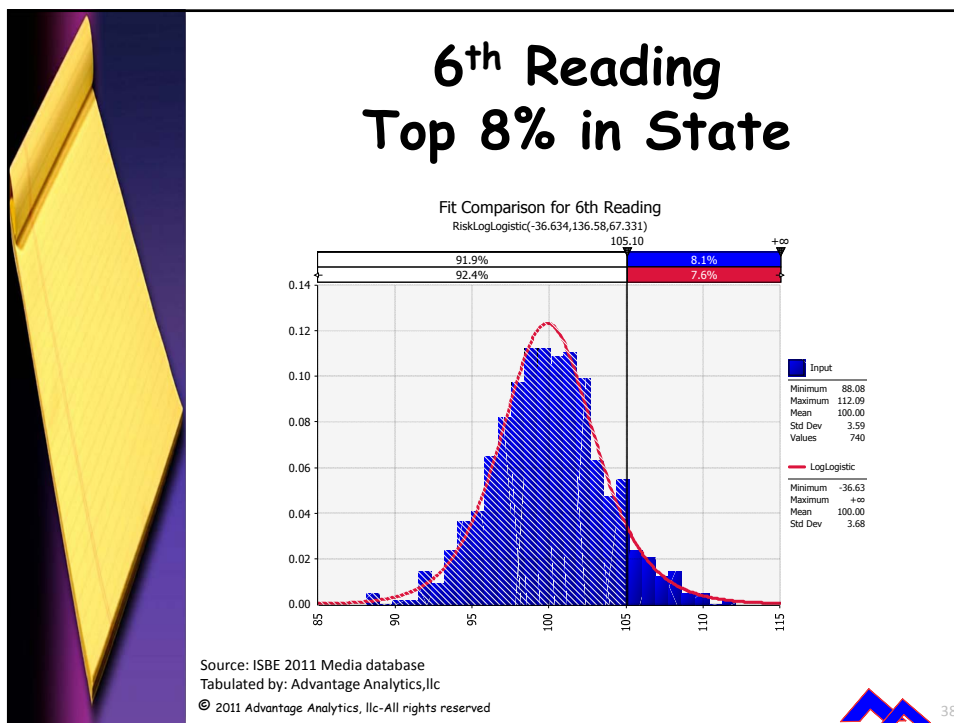
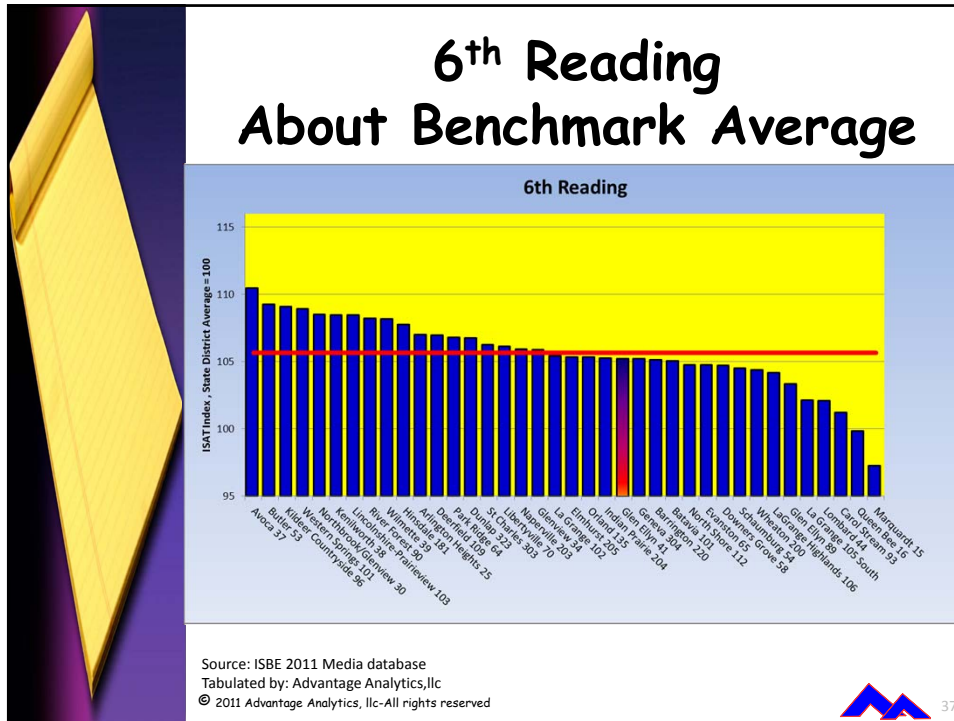
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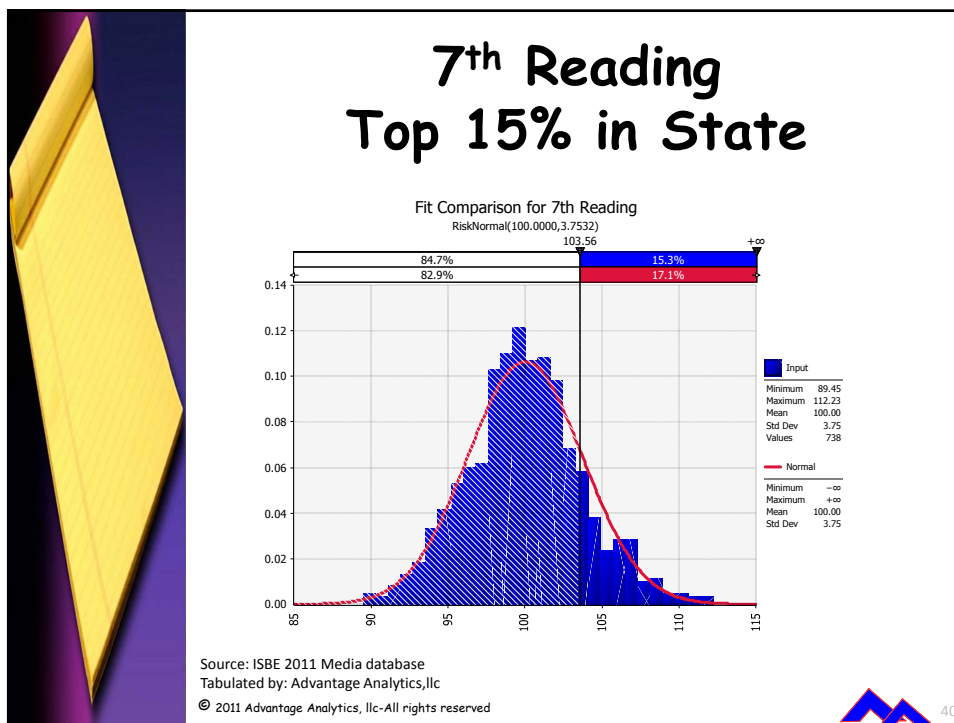
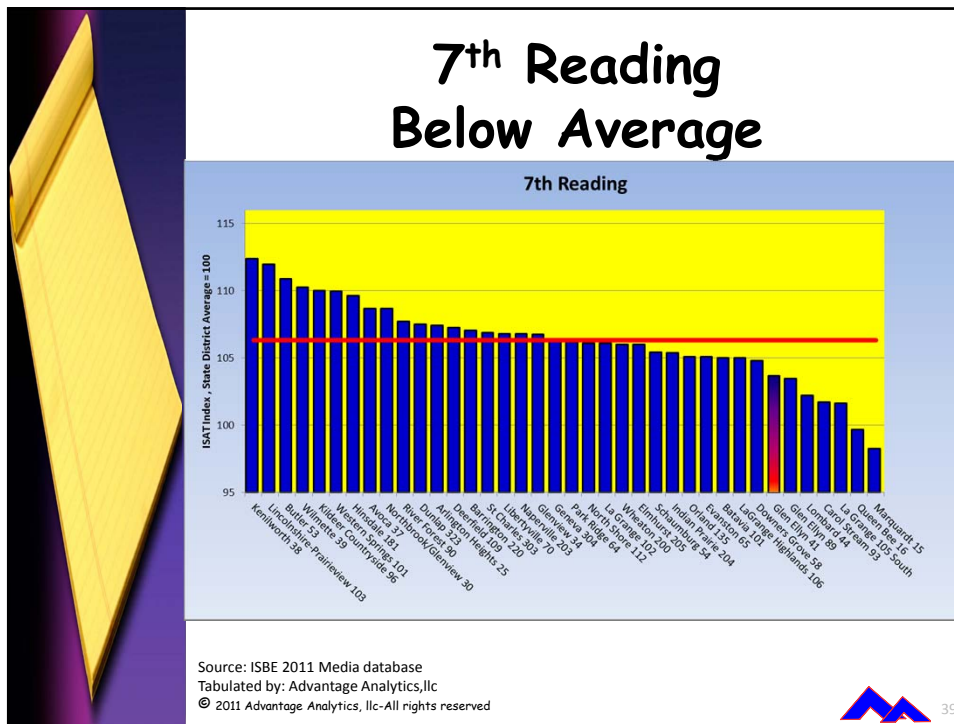


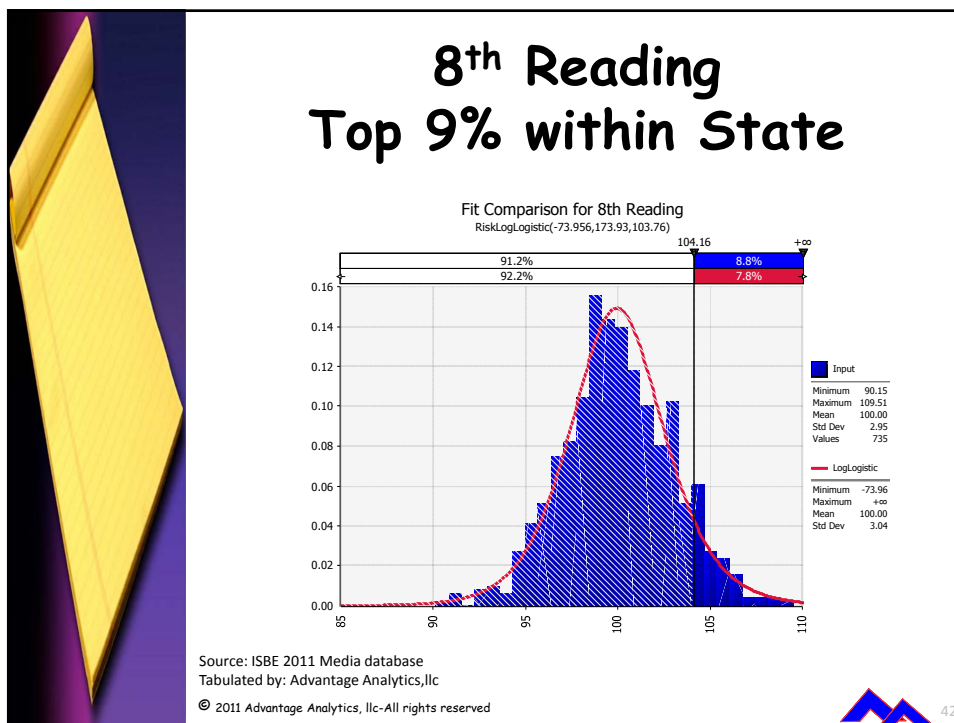
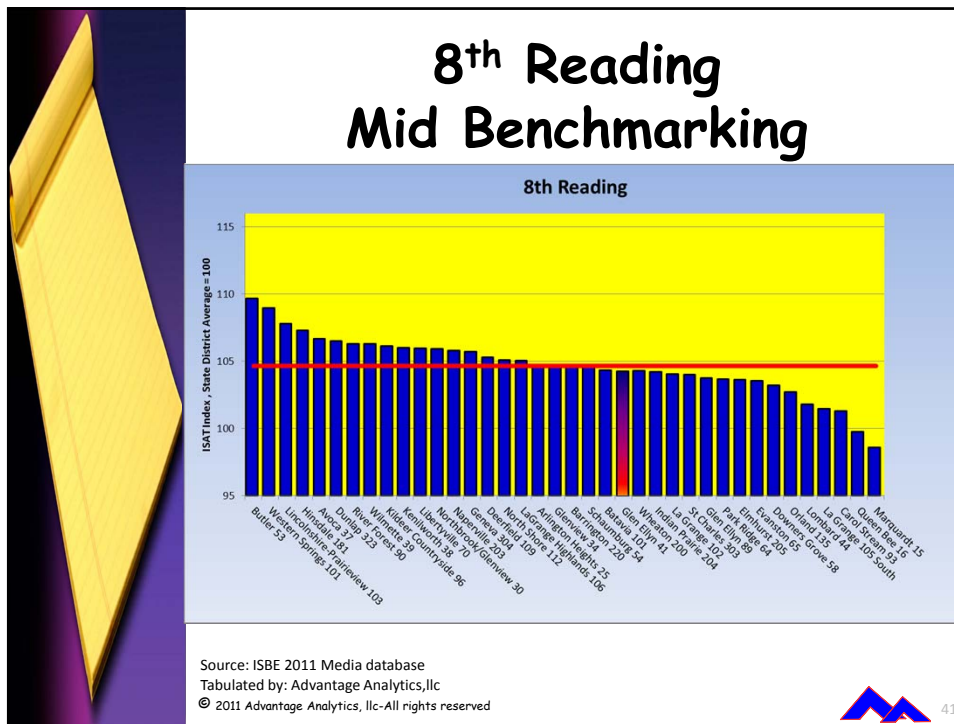


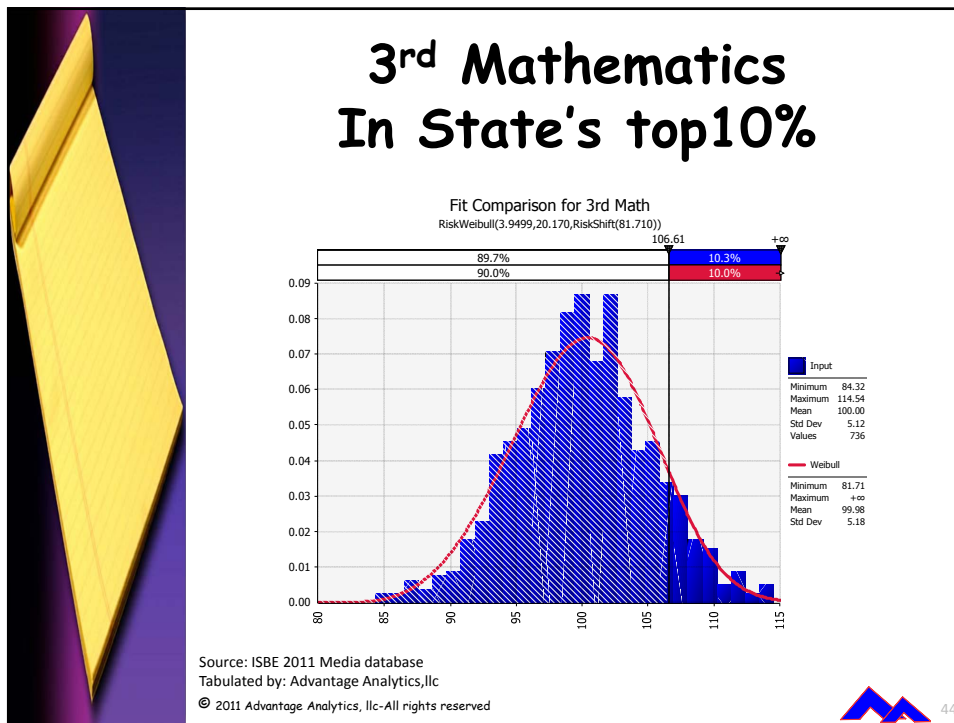
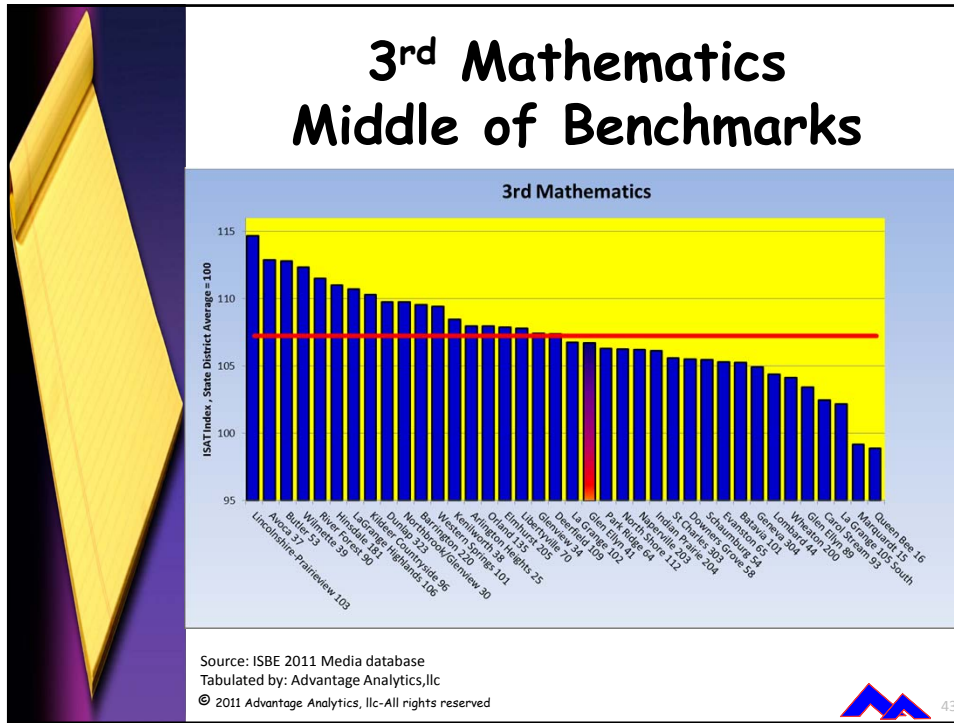


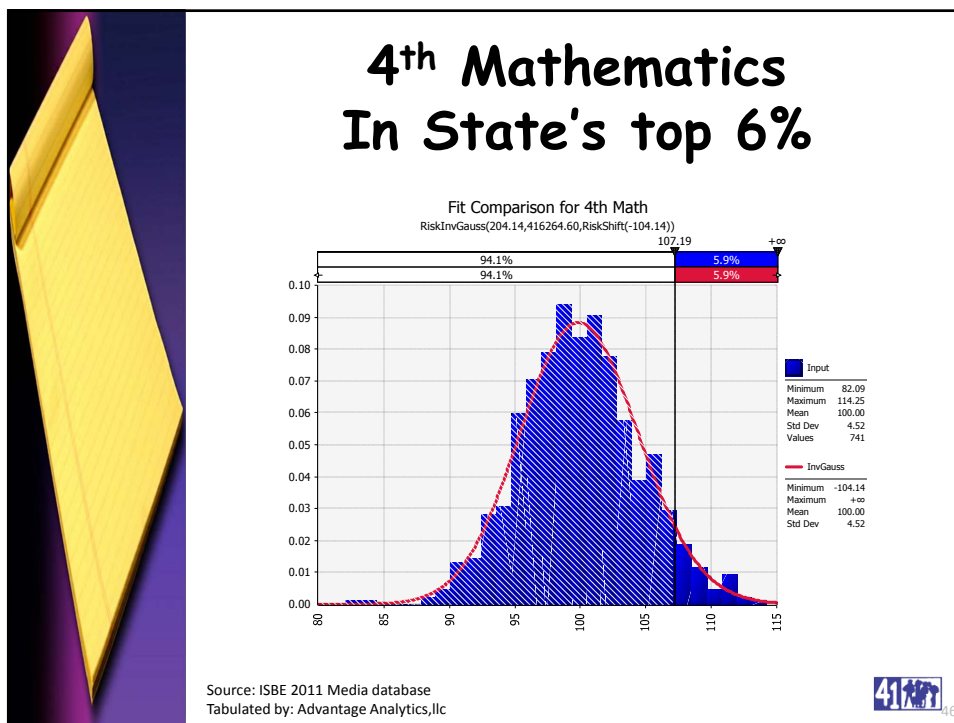
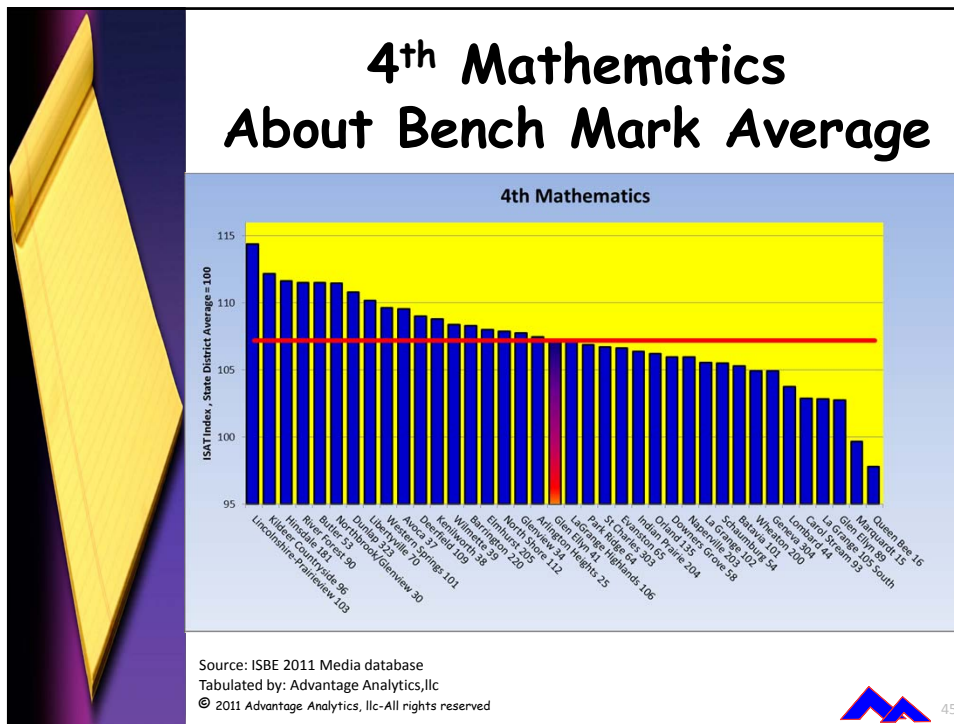


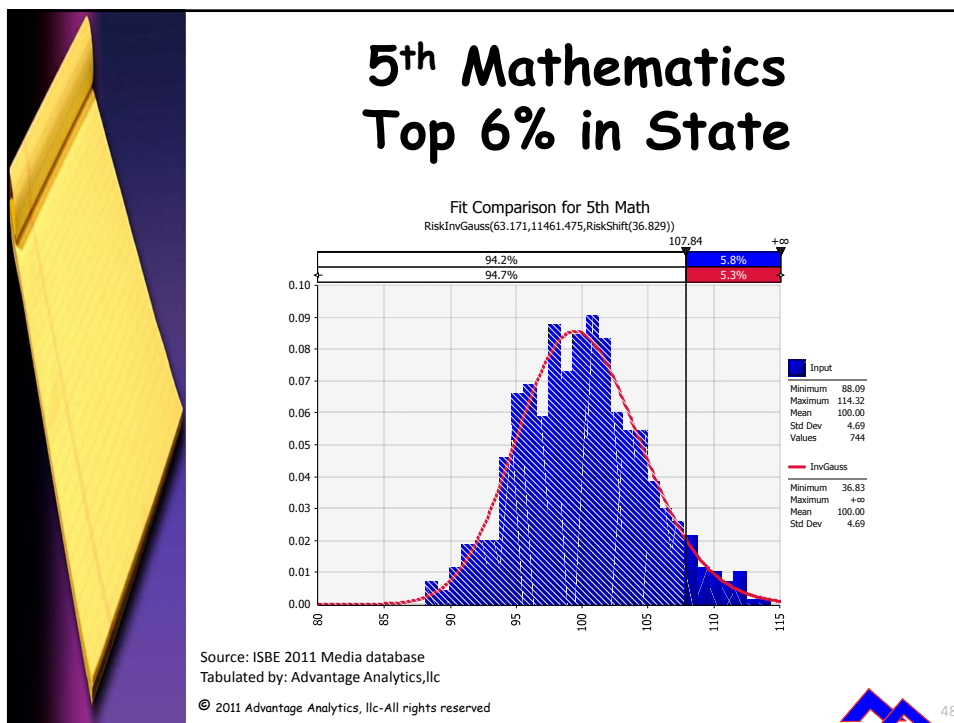
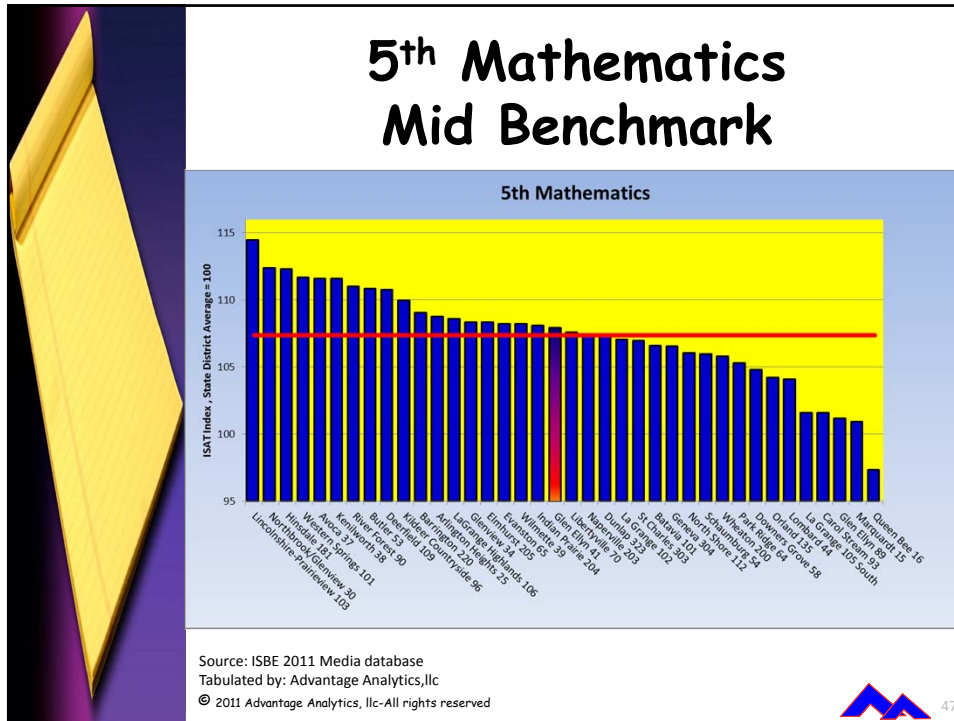


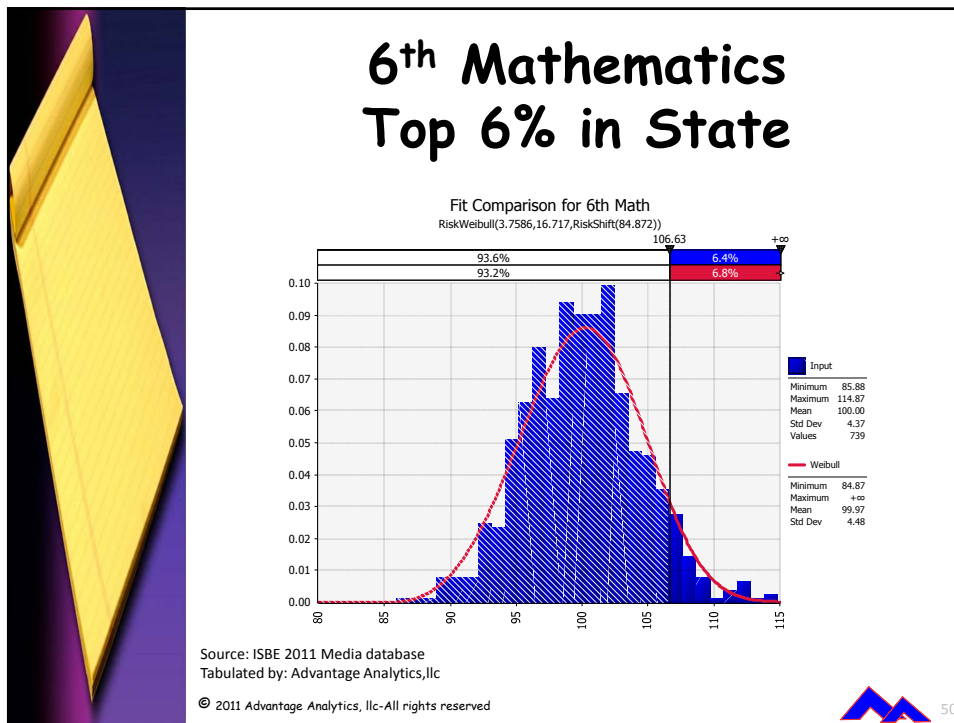
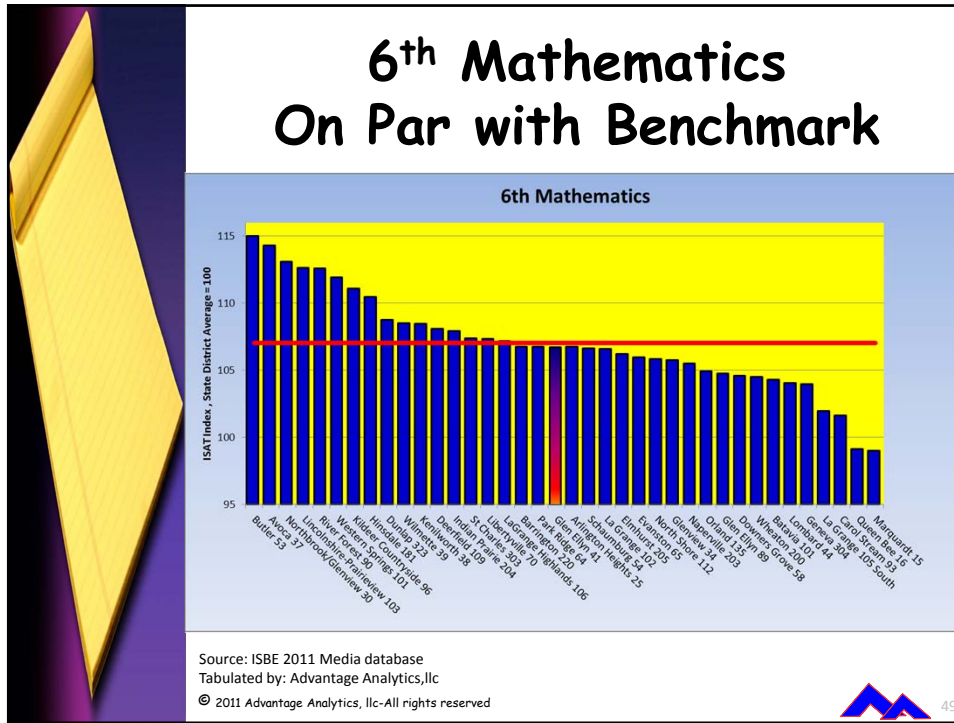


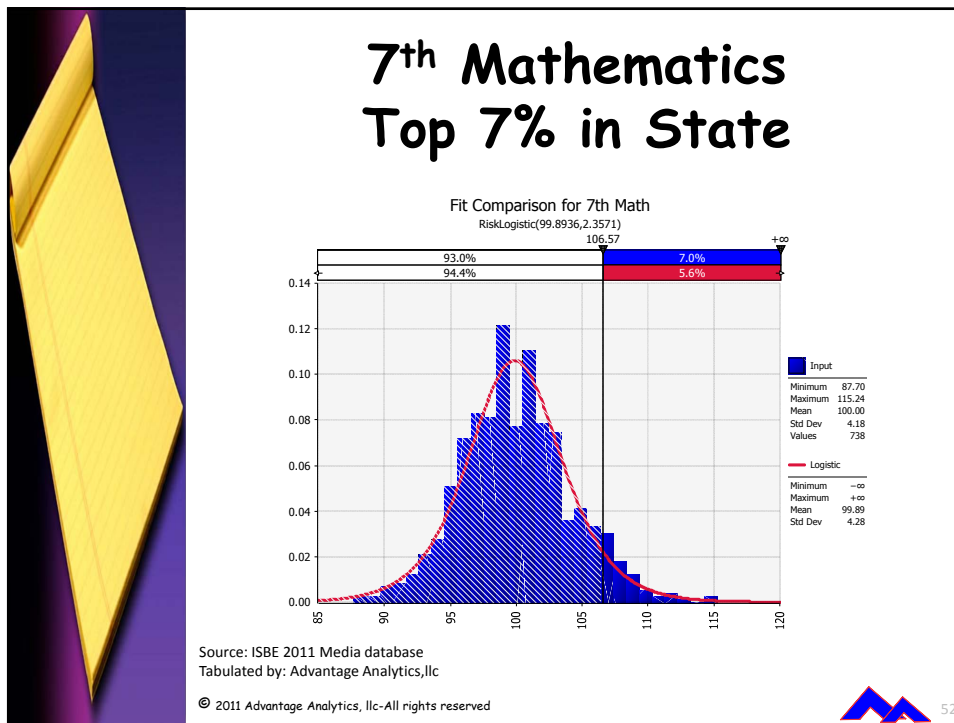
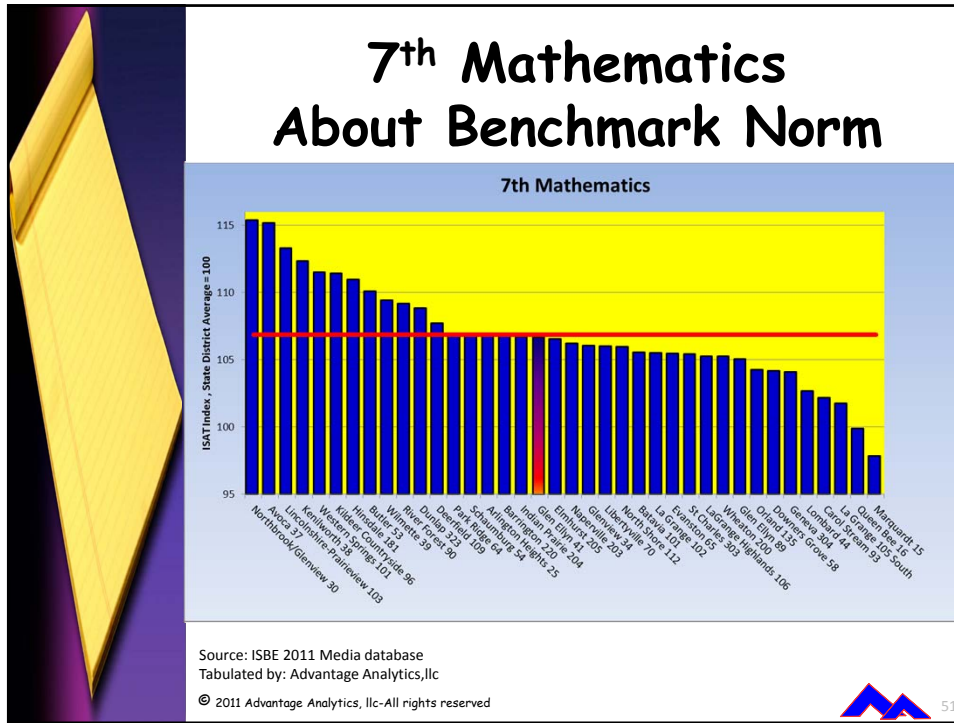


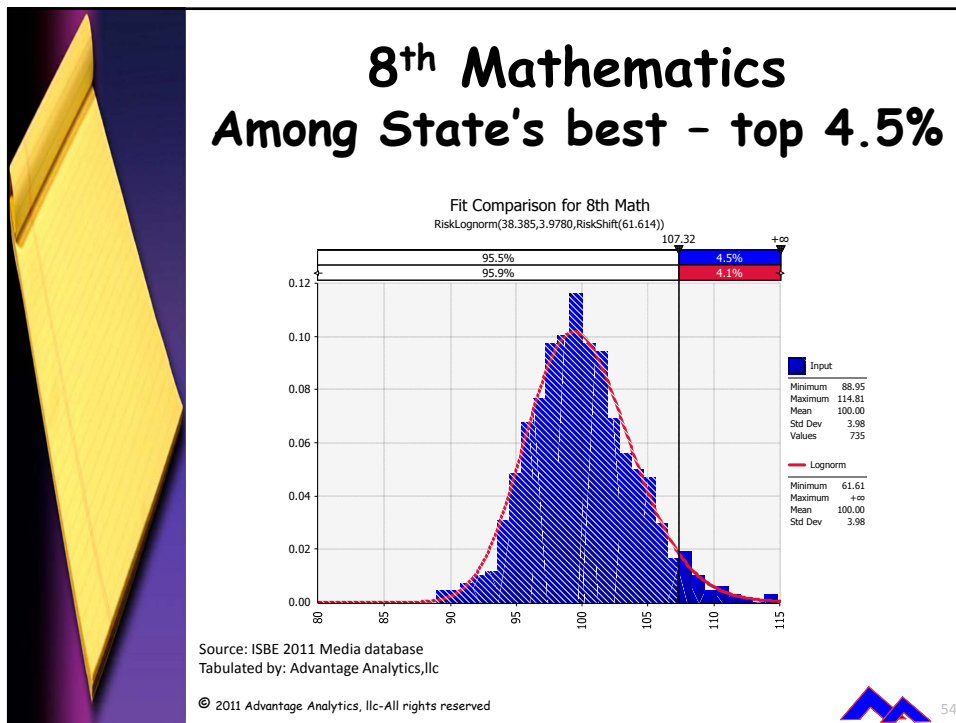
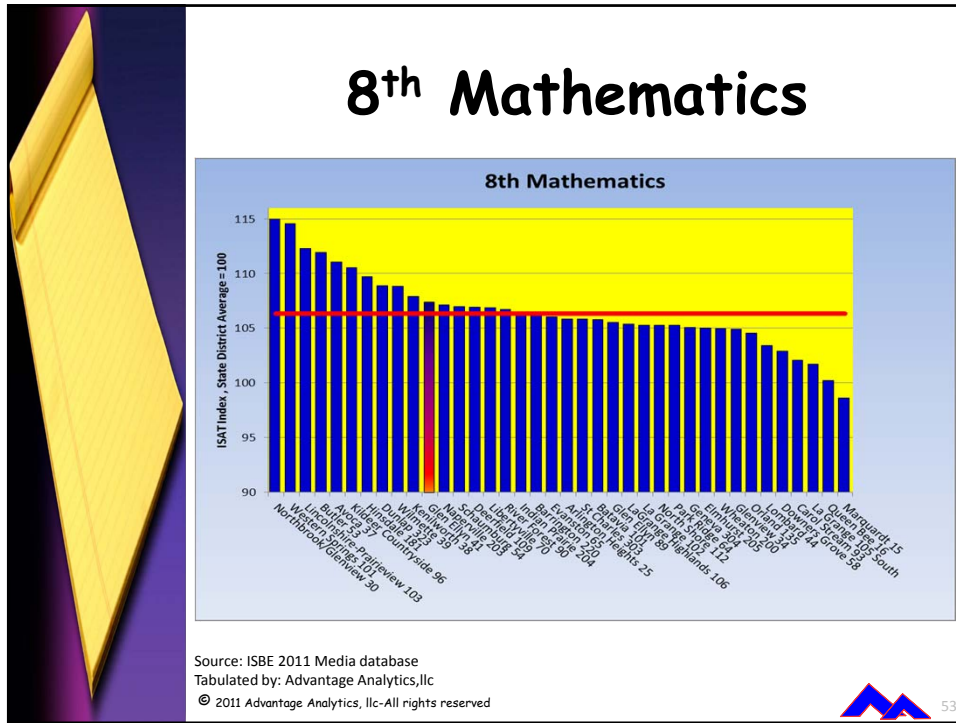


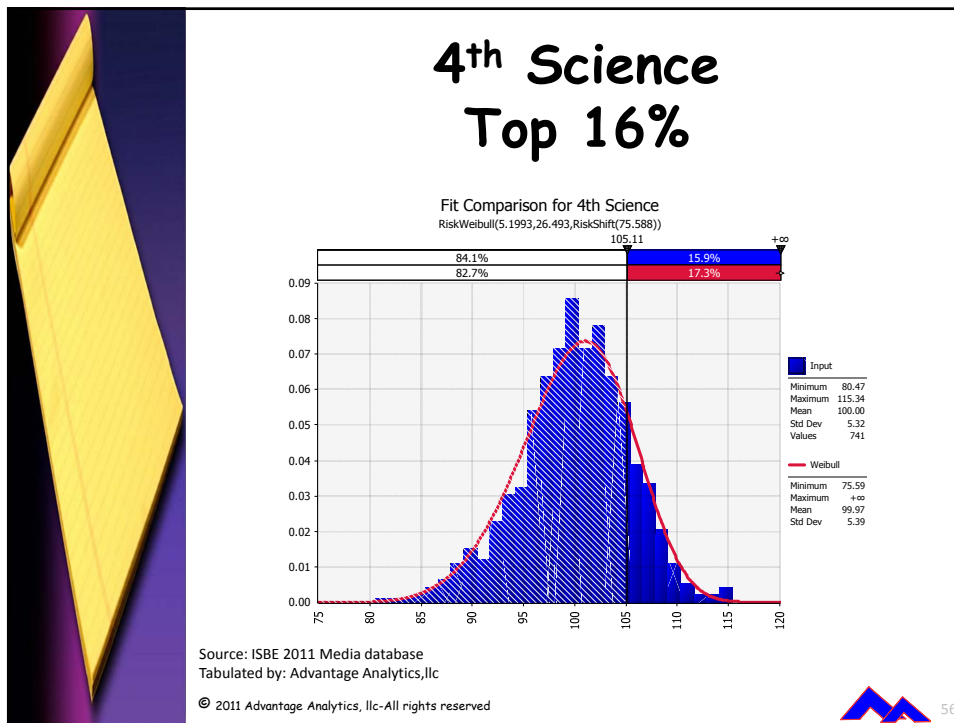
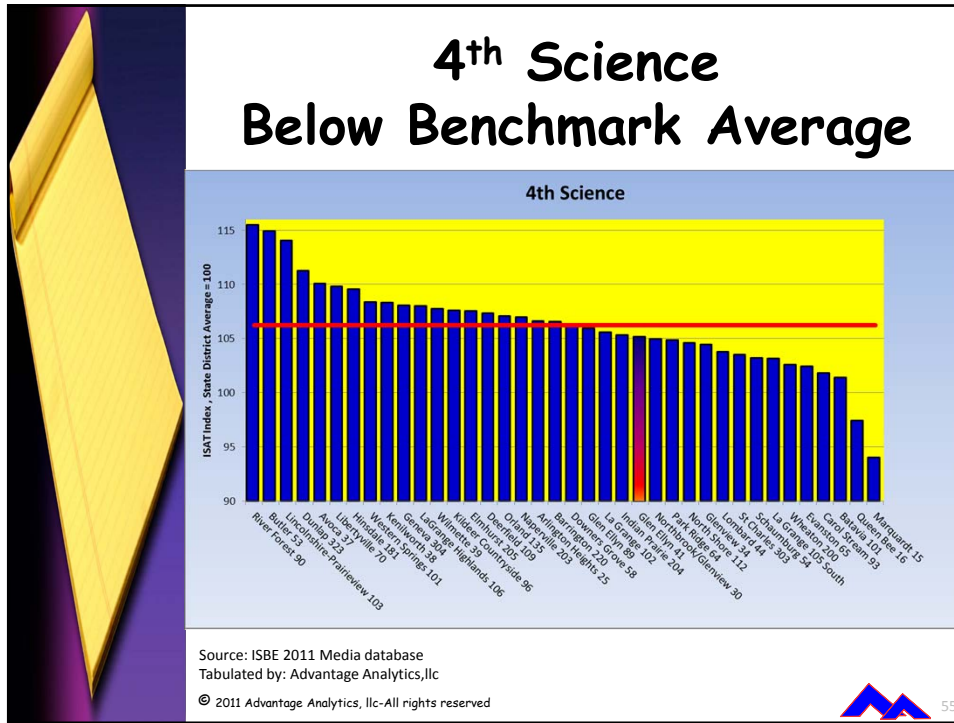


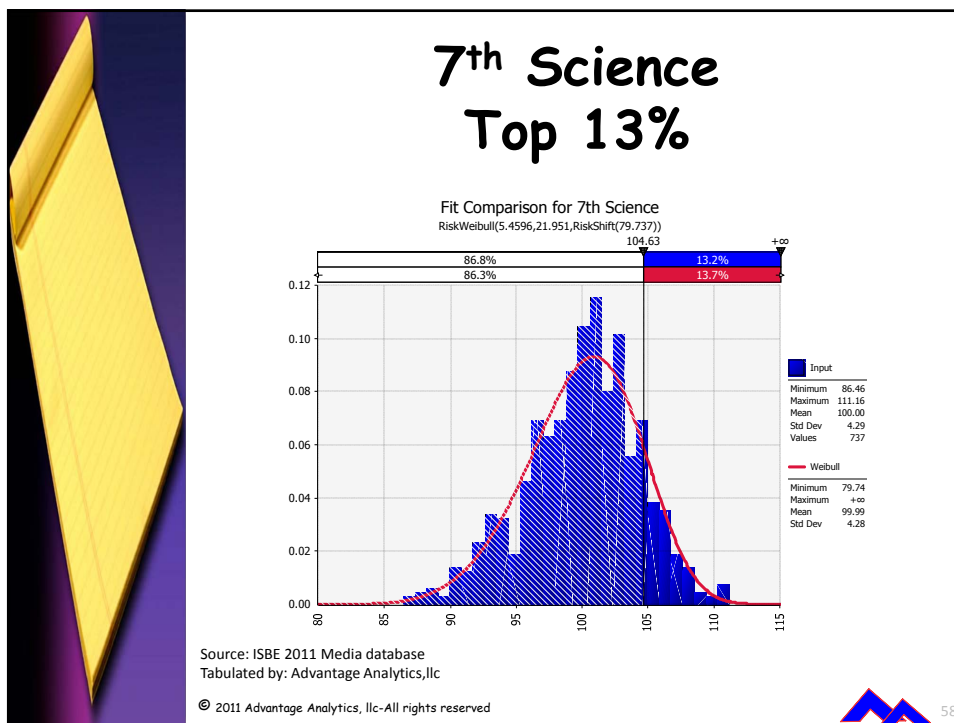
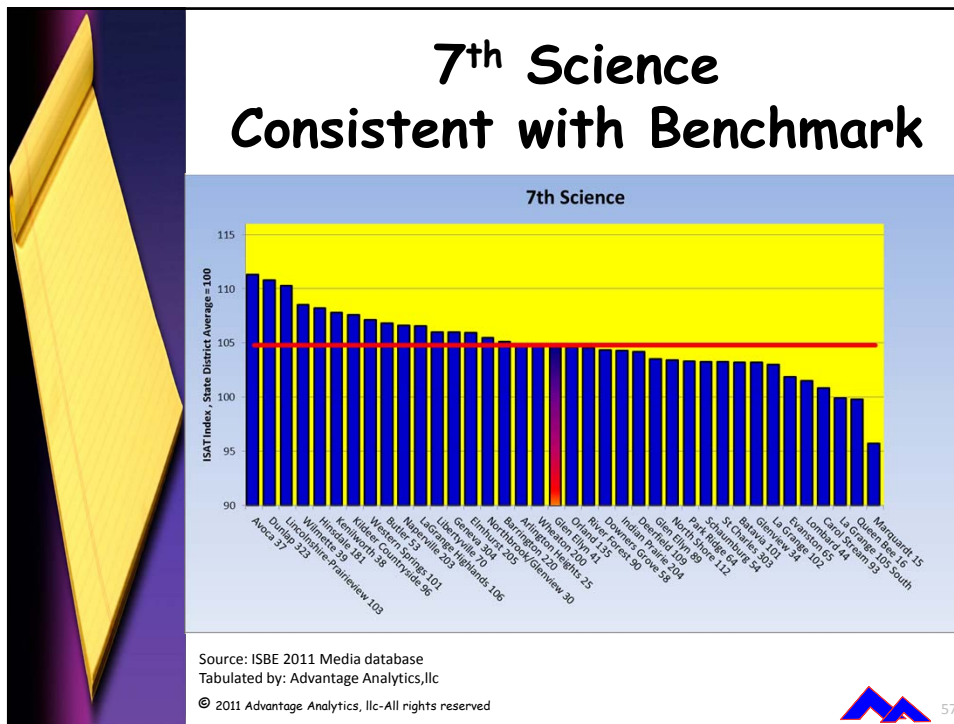


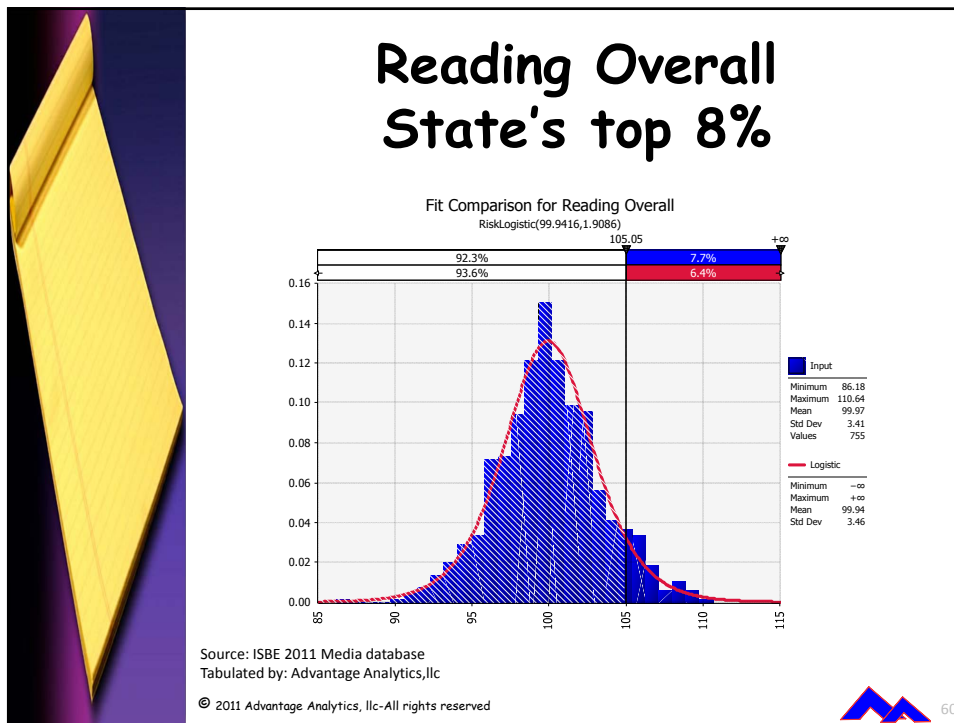
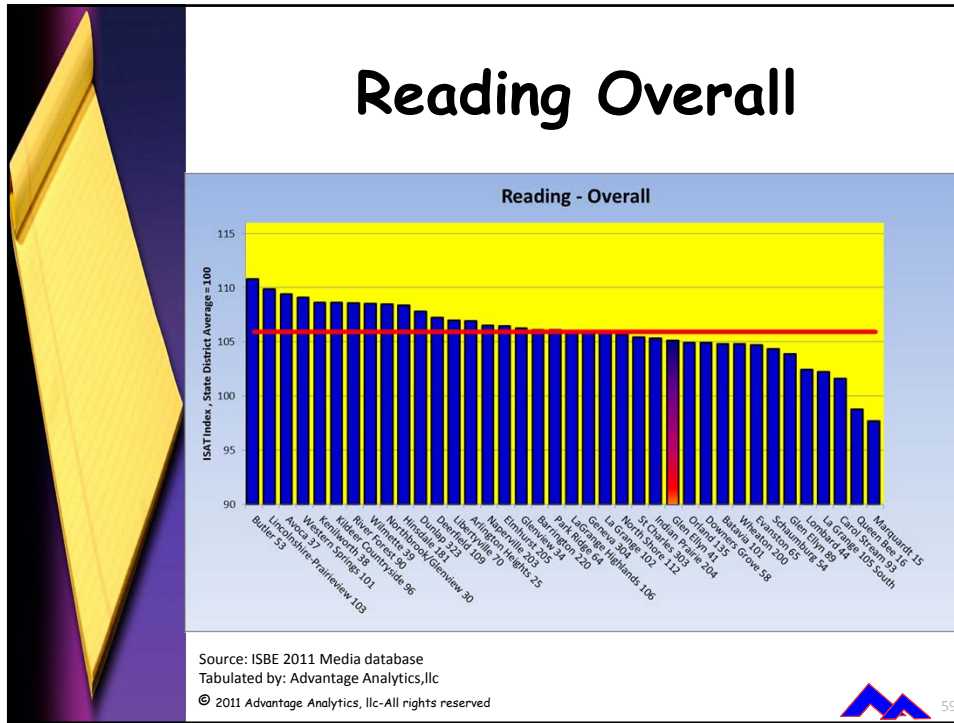


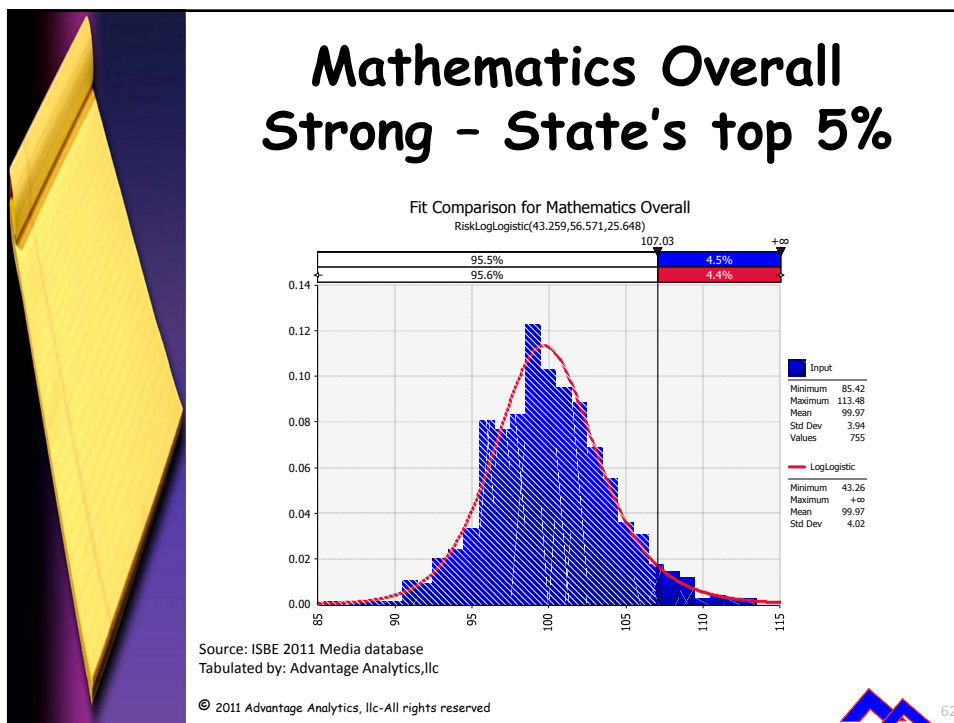
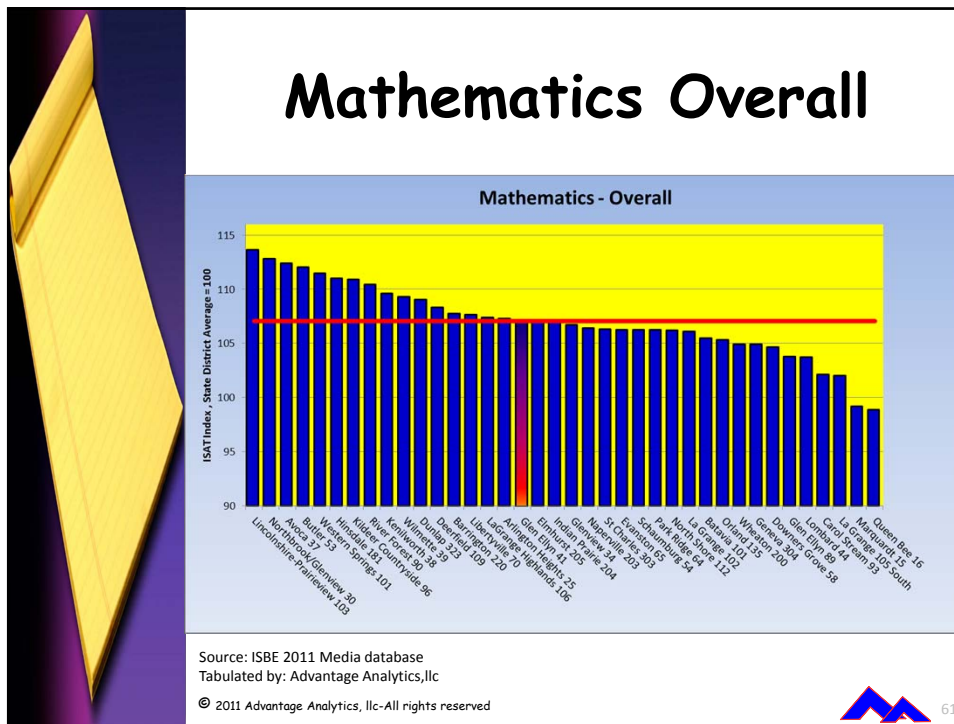


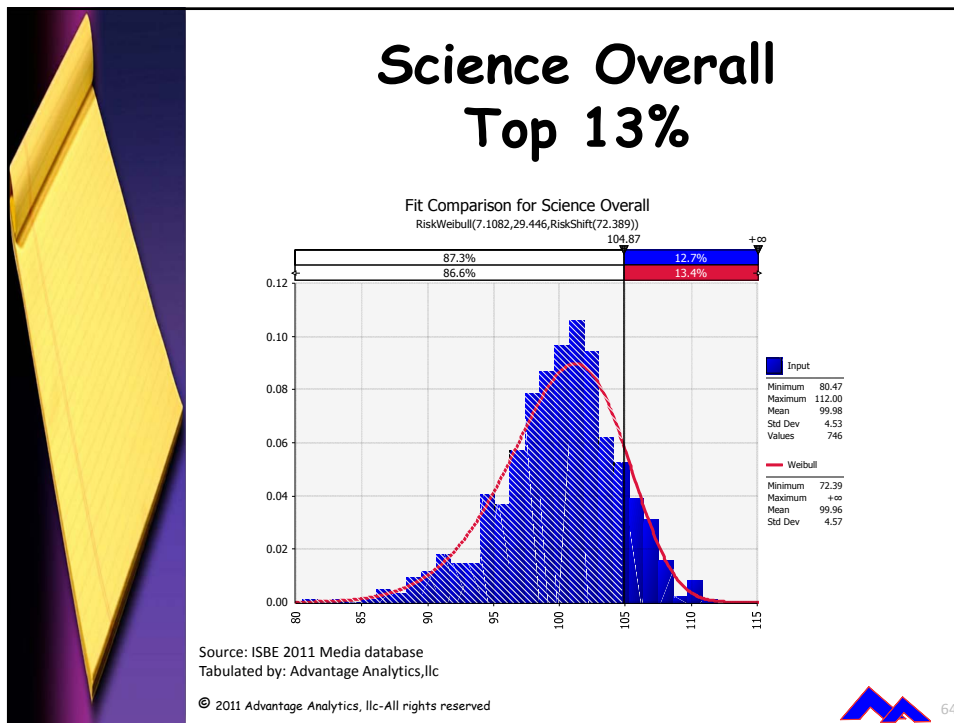
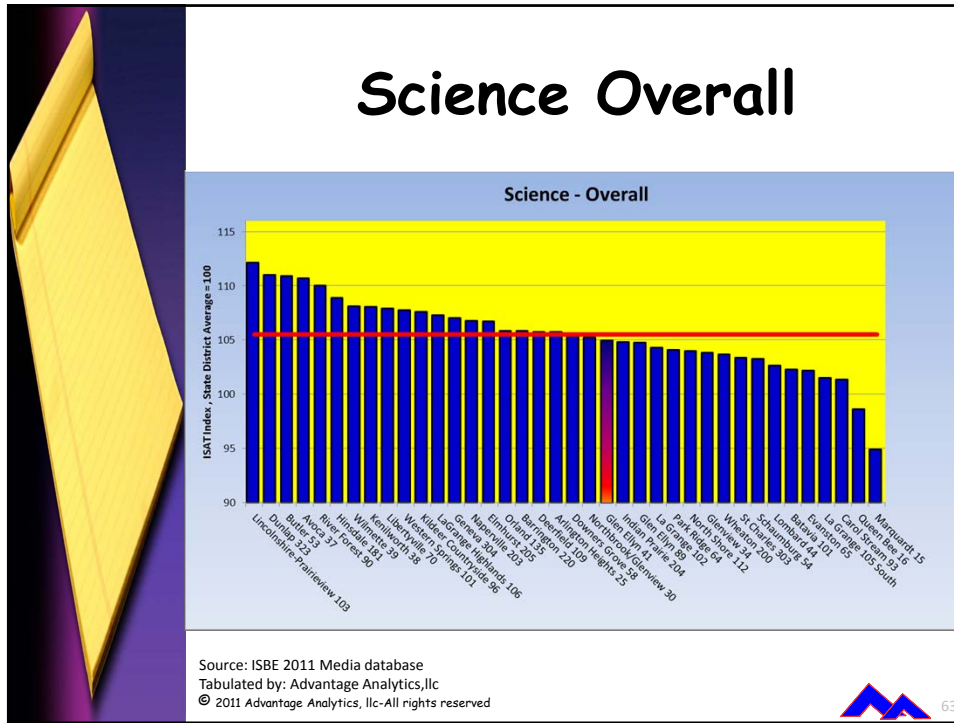


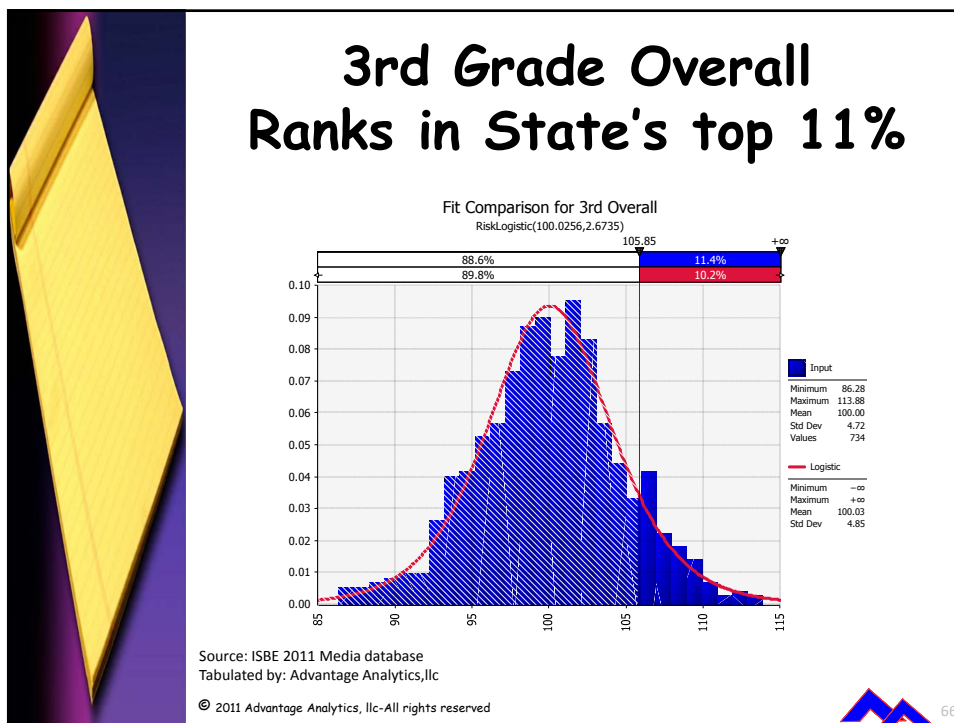
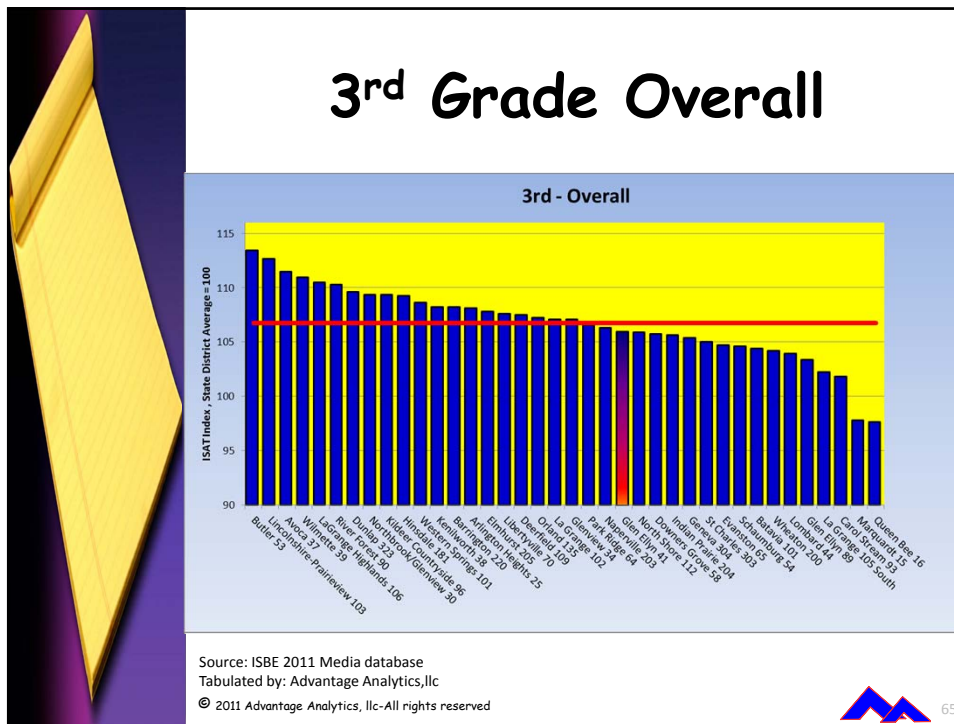


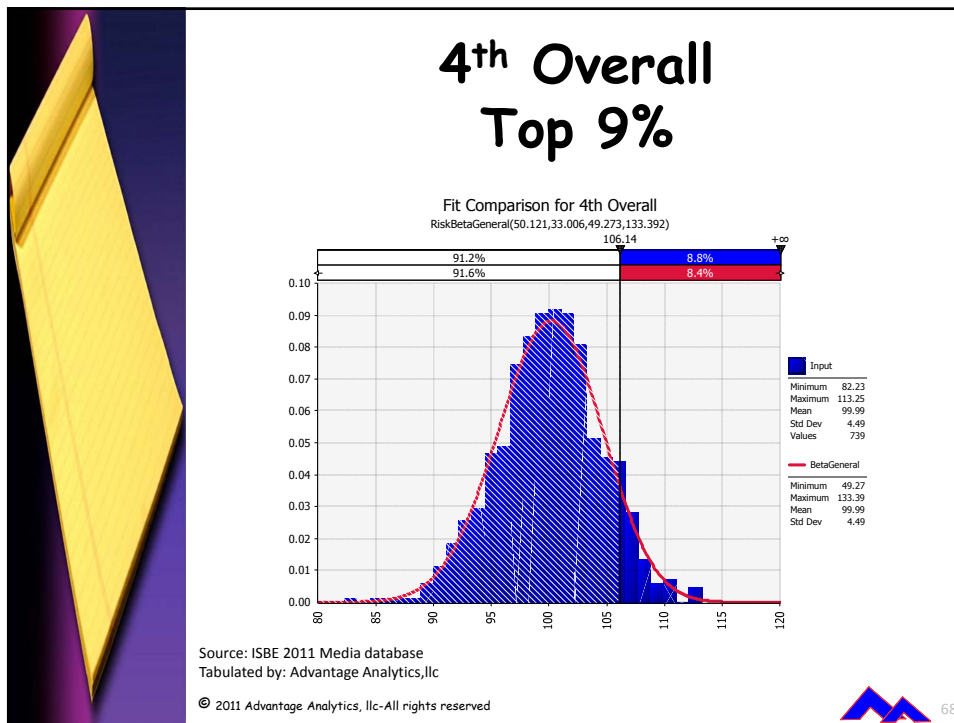
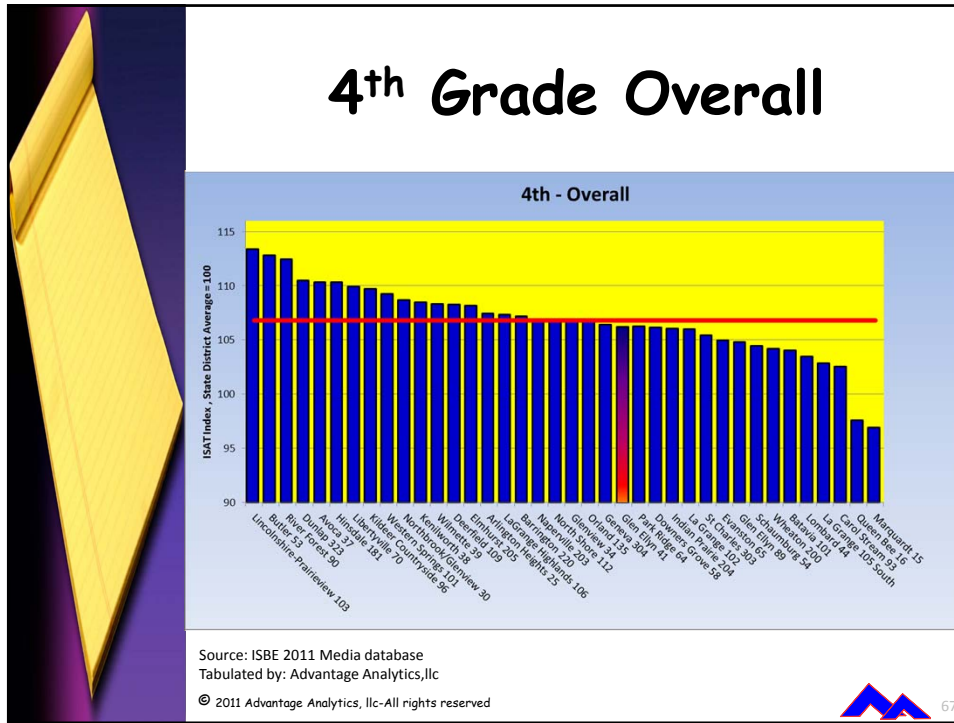


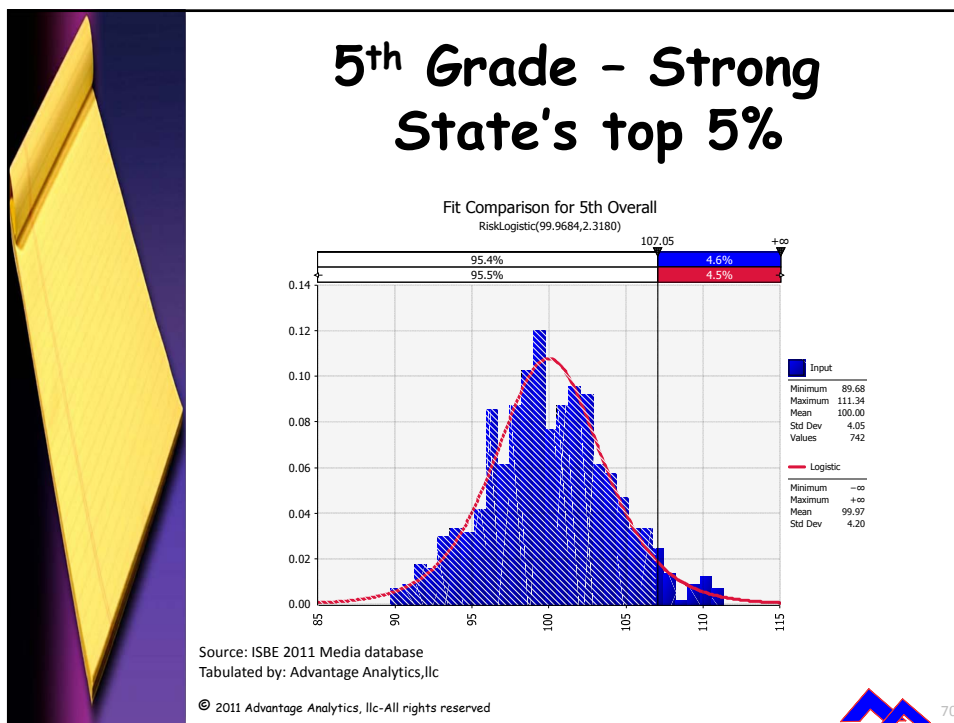
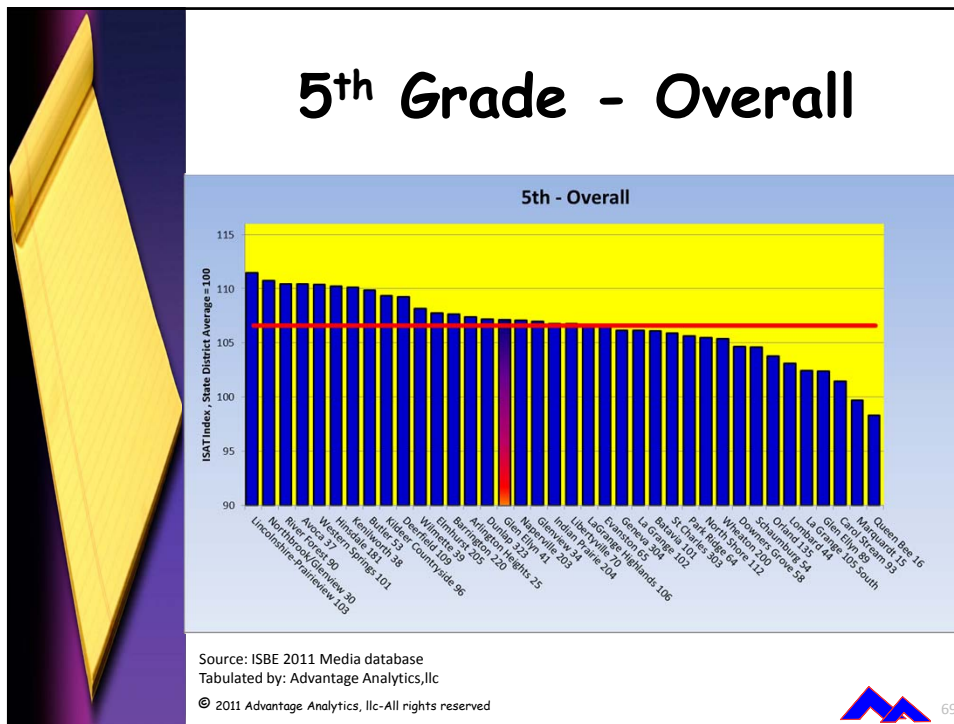


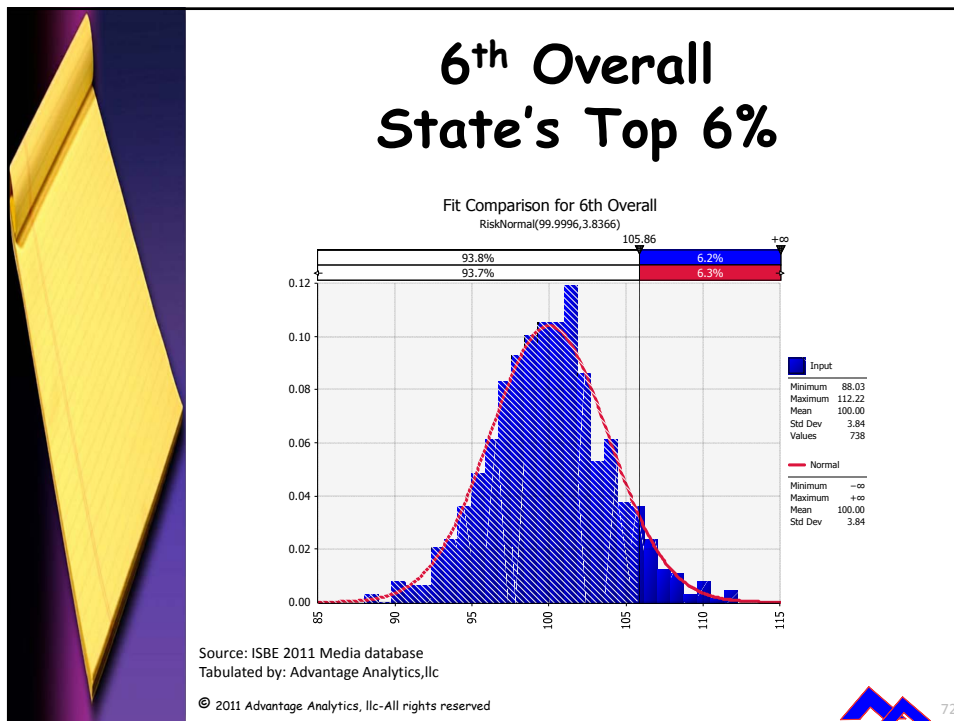
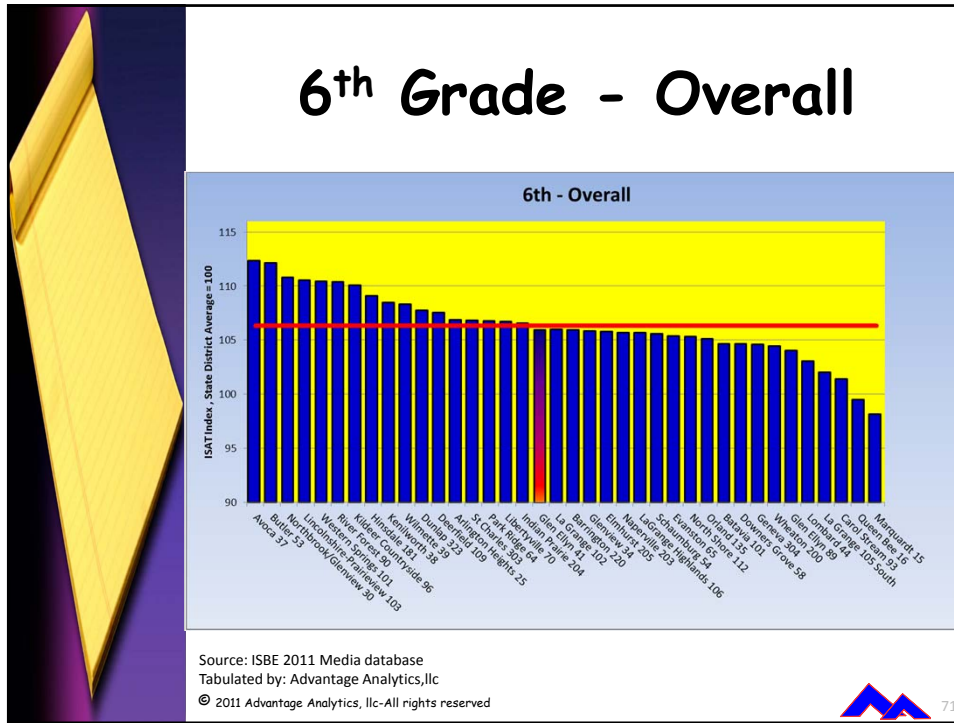


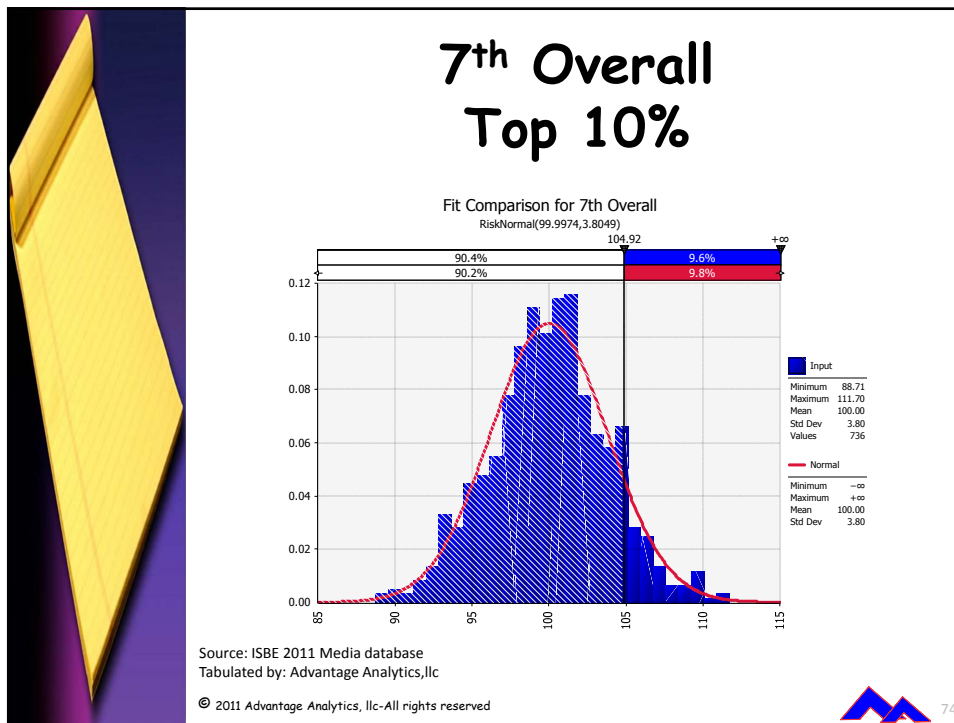
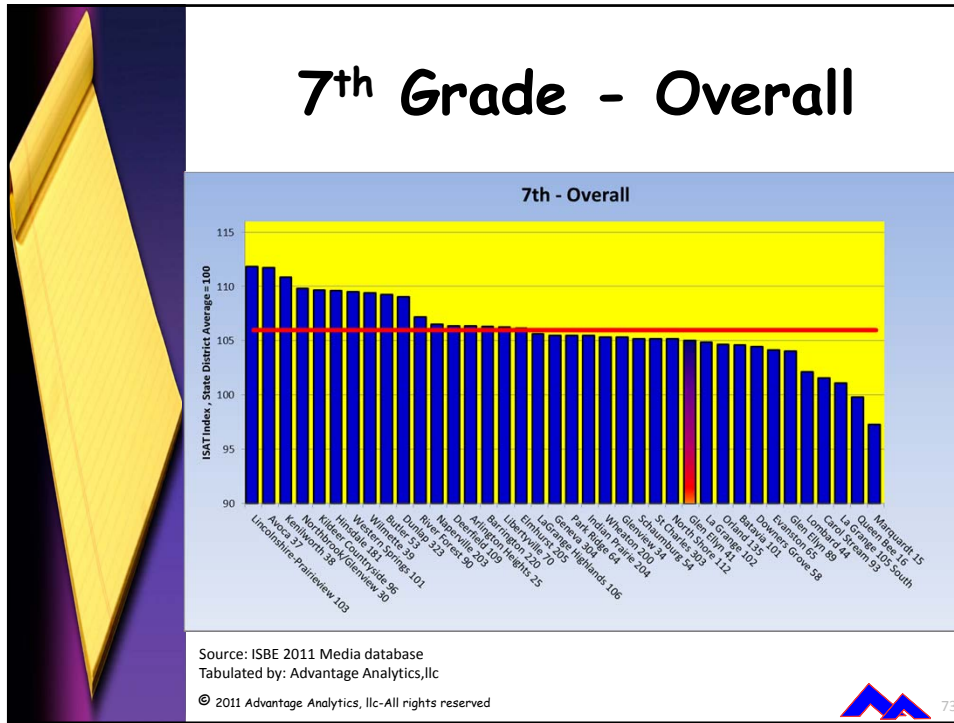


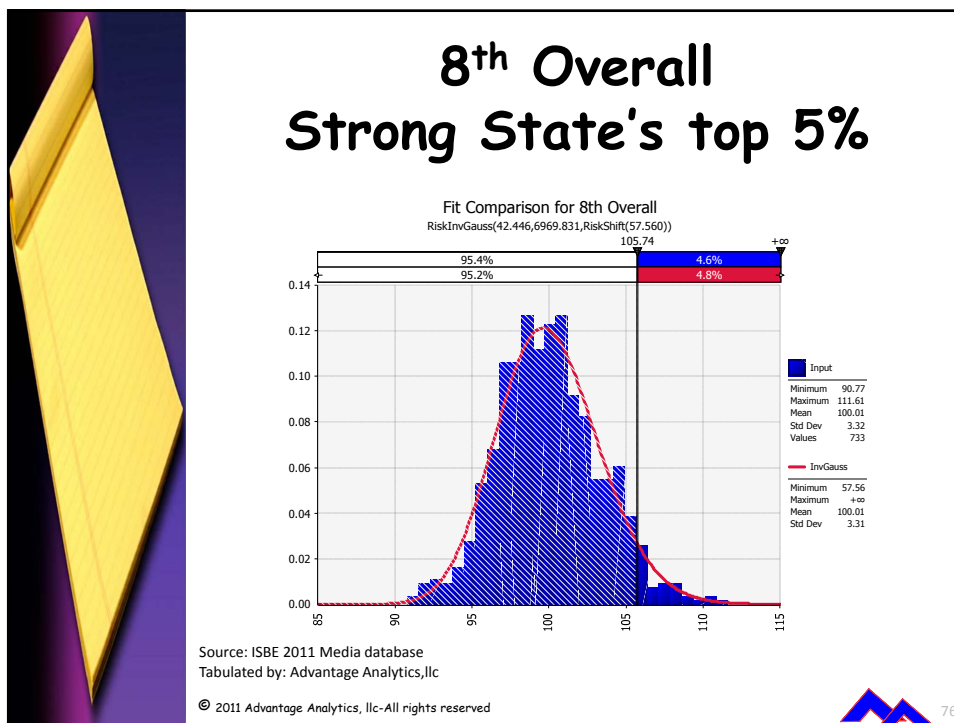
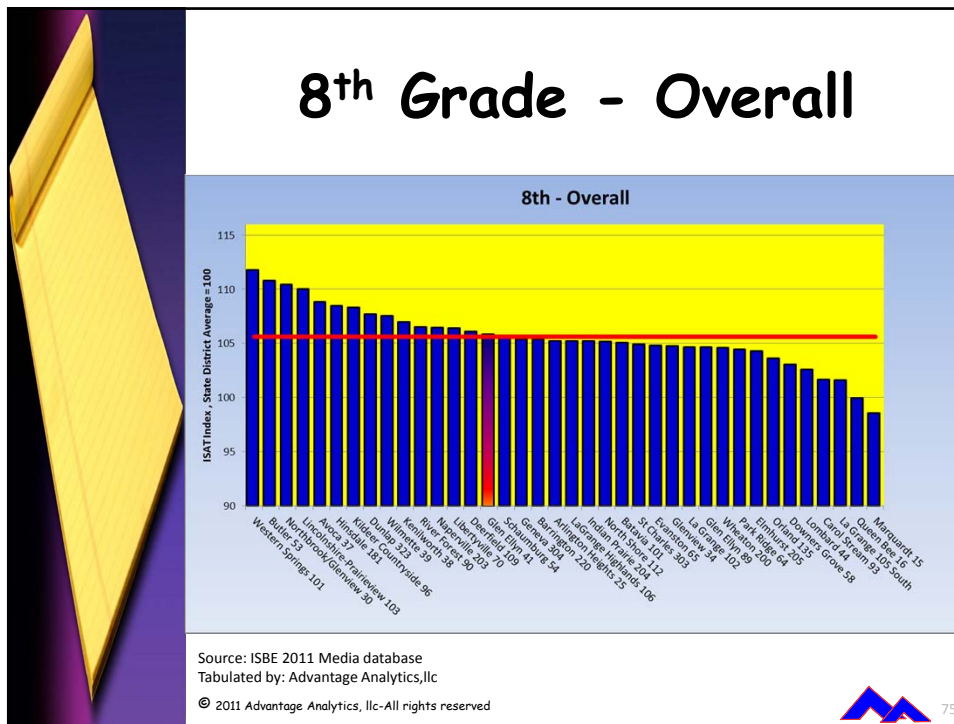


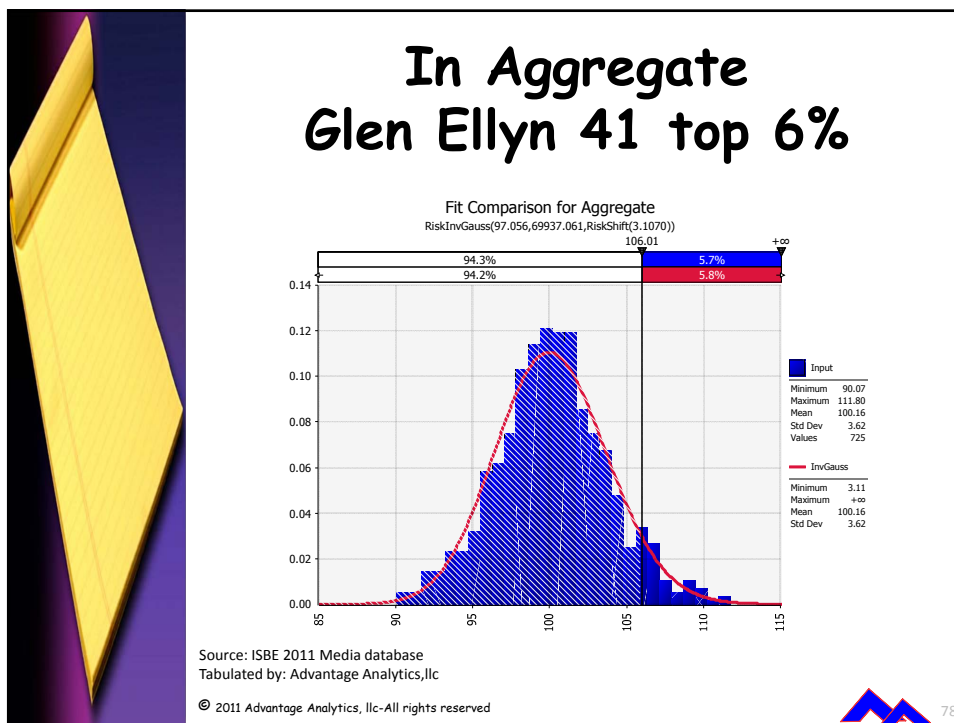
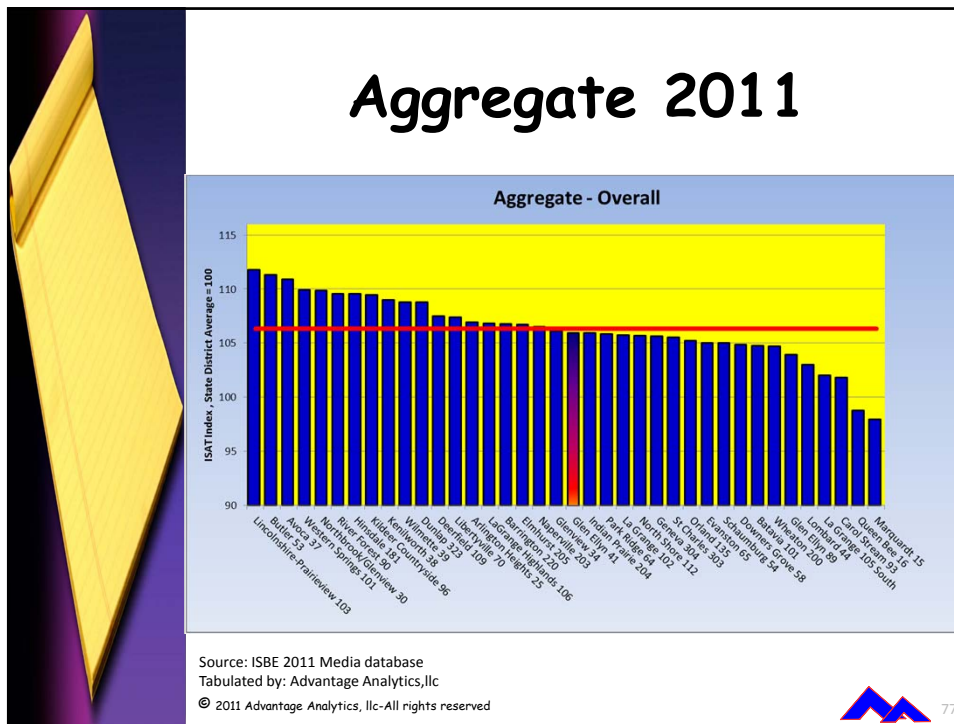


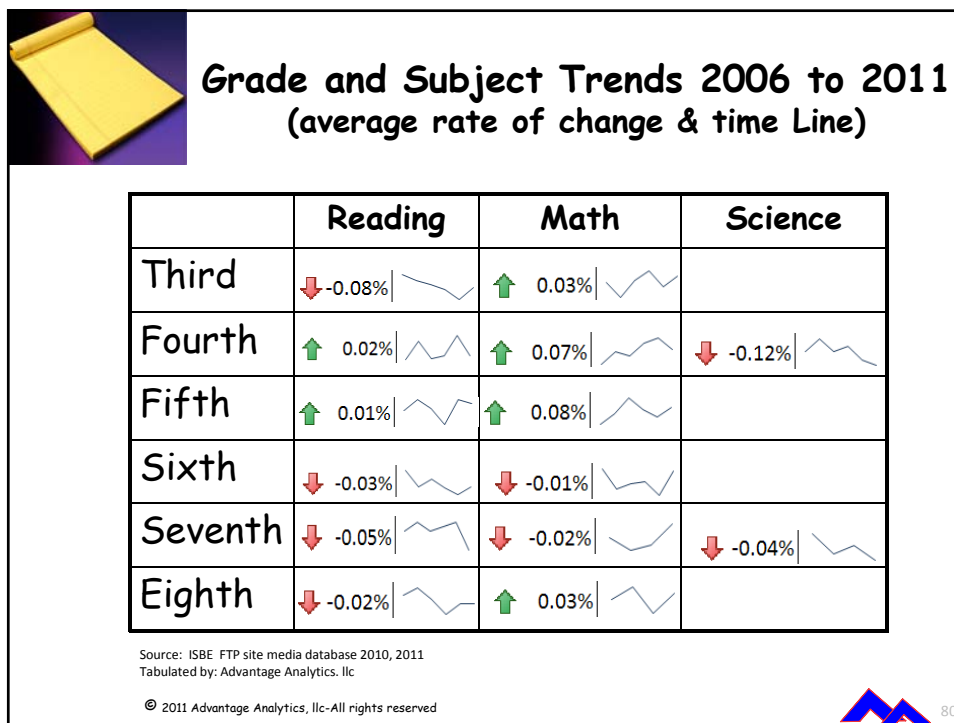
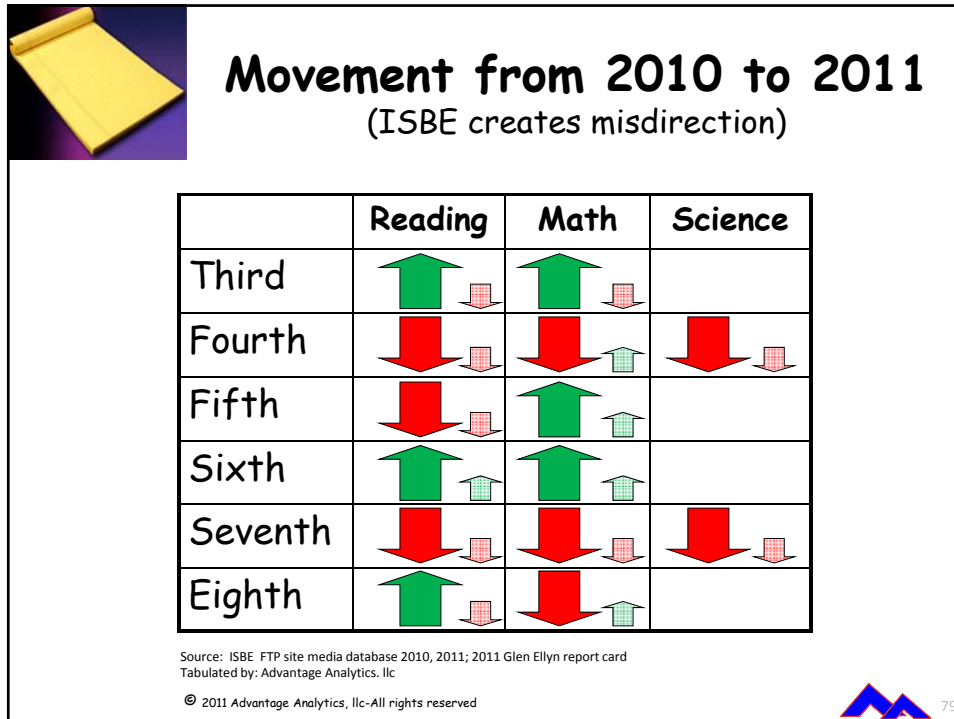


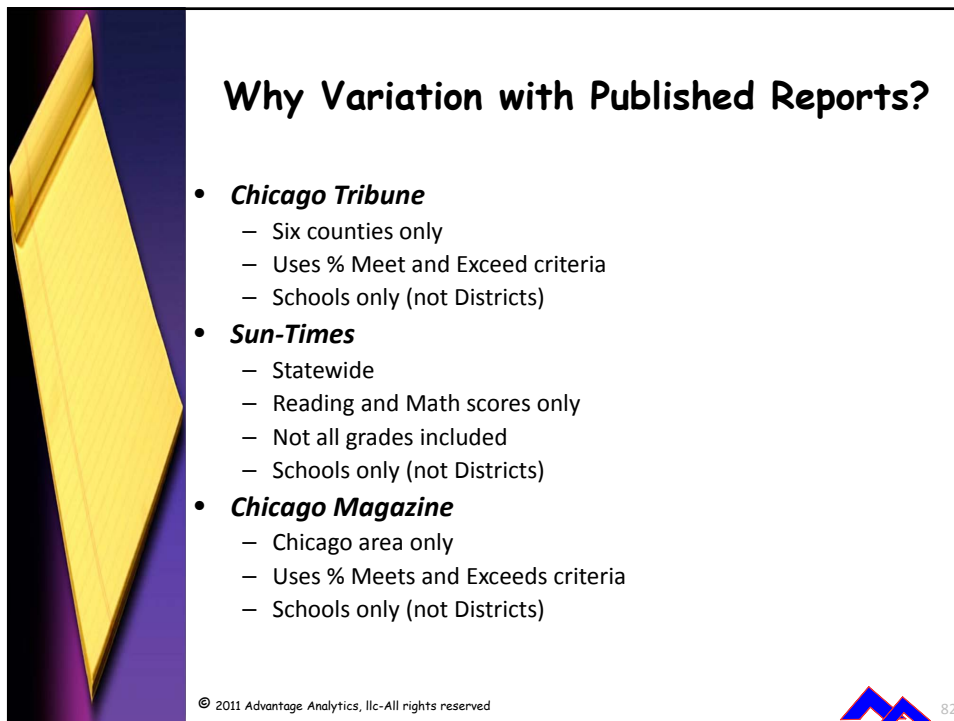
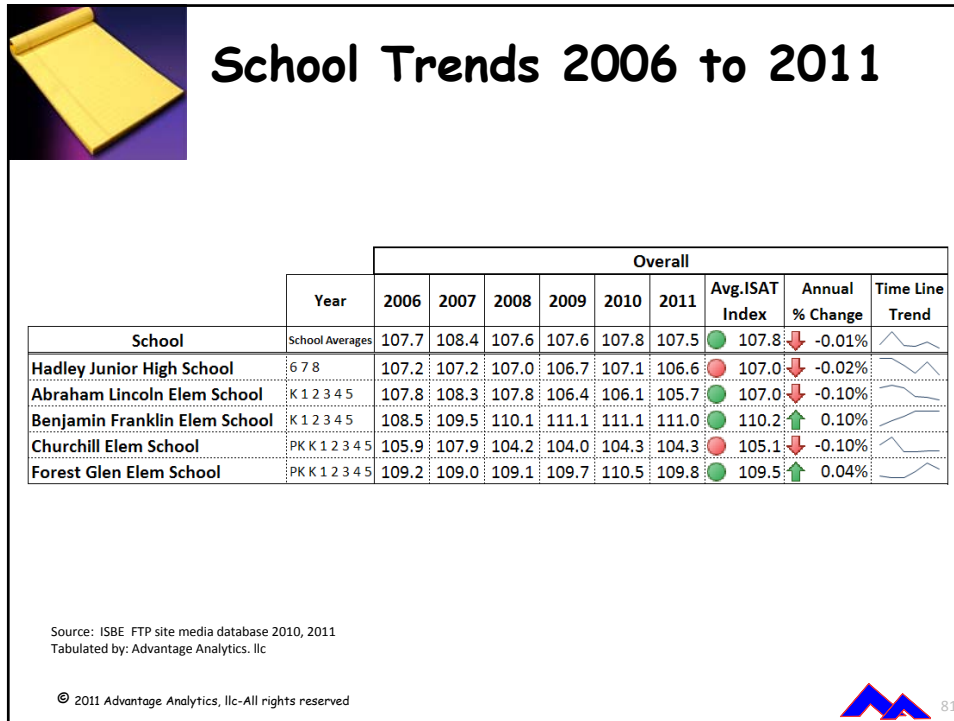








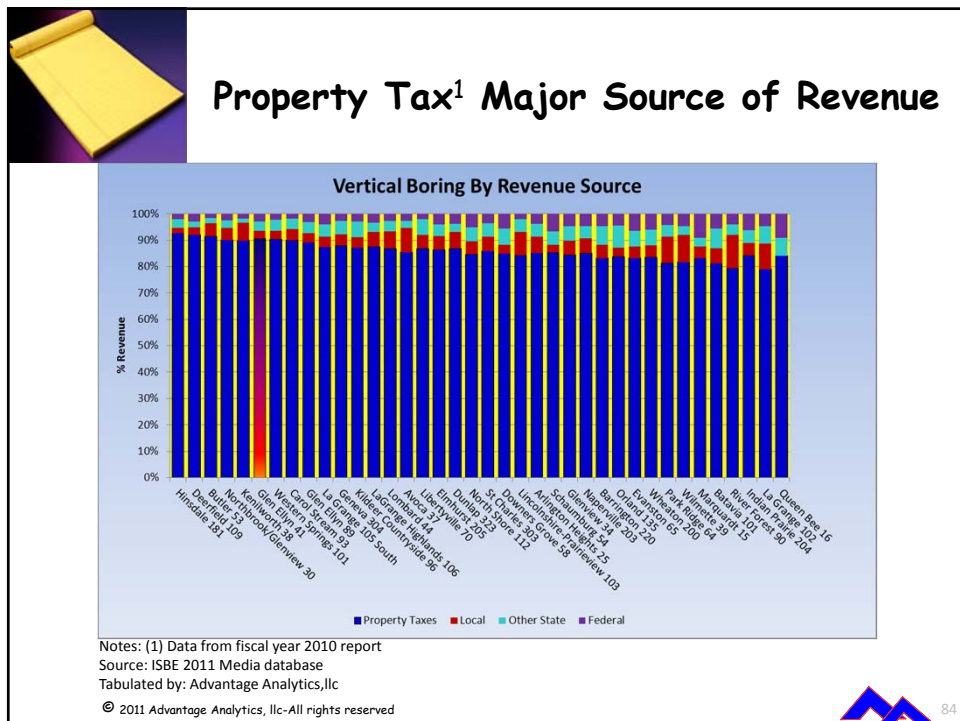




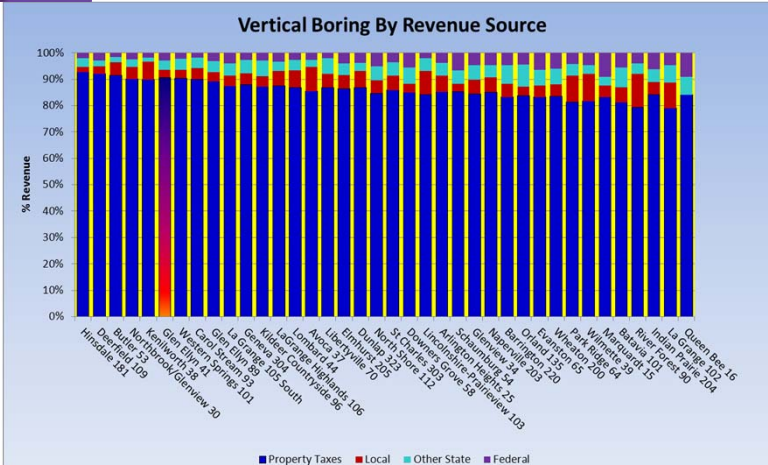


Fiscal Integrity

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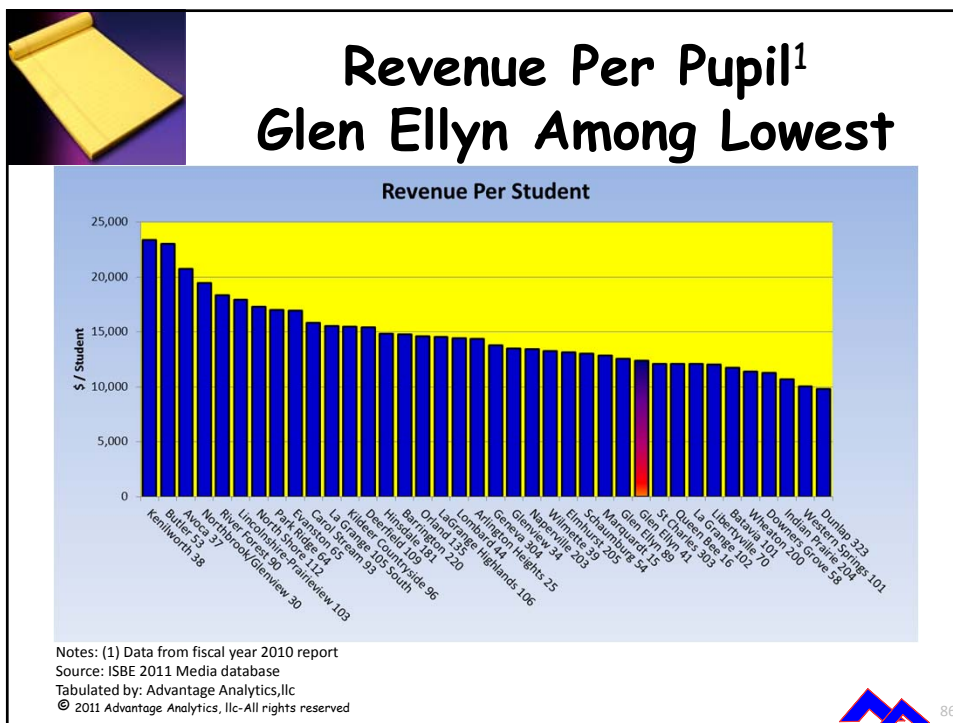
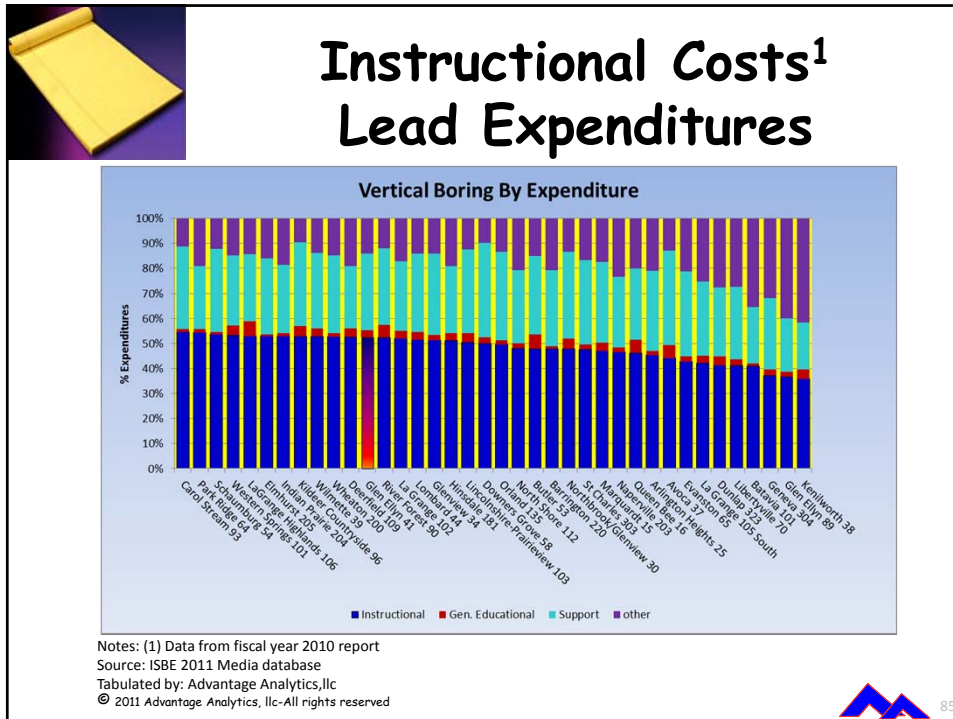
Property Tax¹ Major Source of Revenue

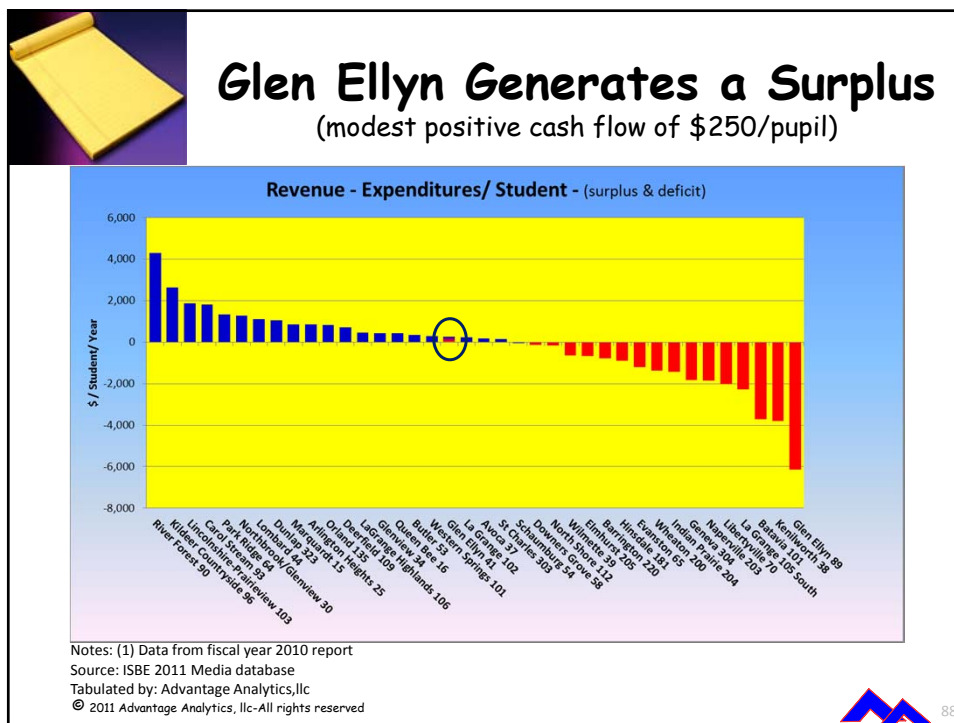
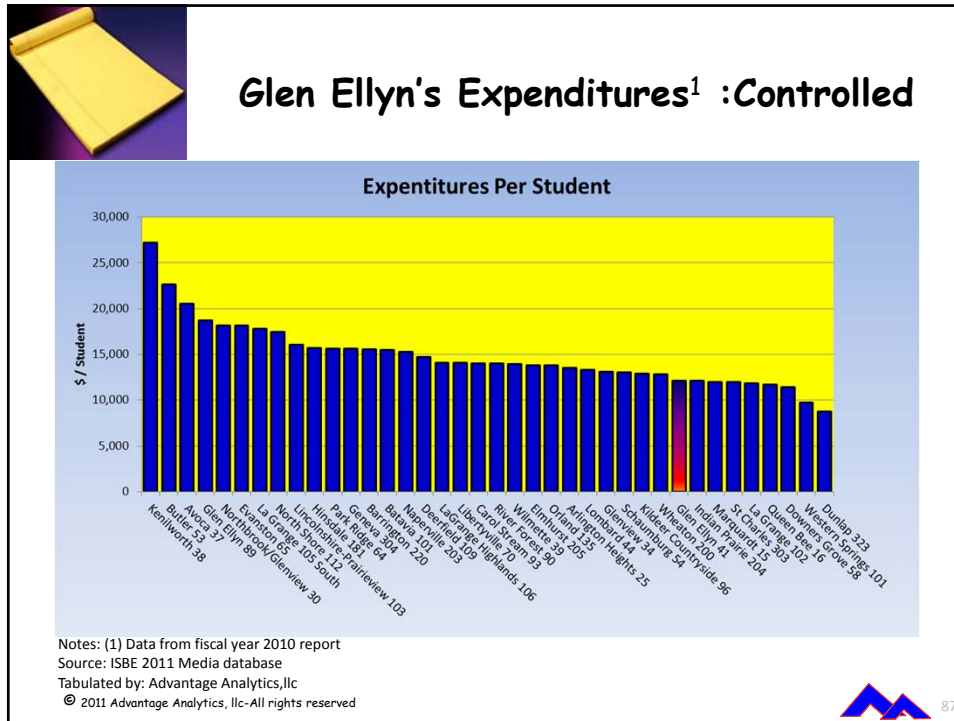


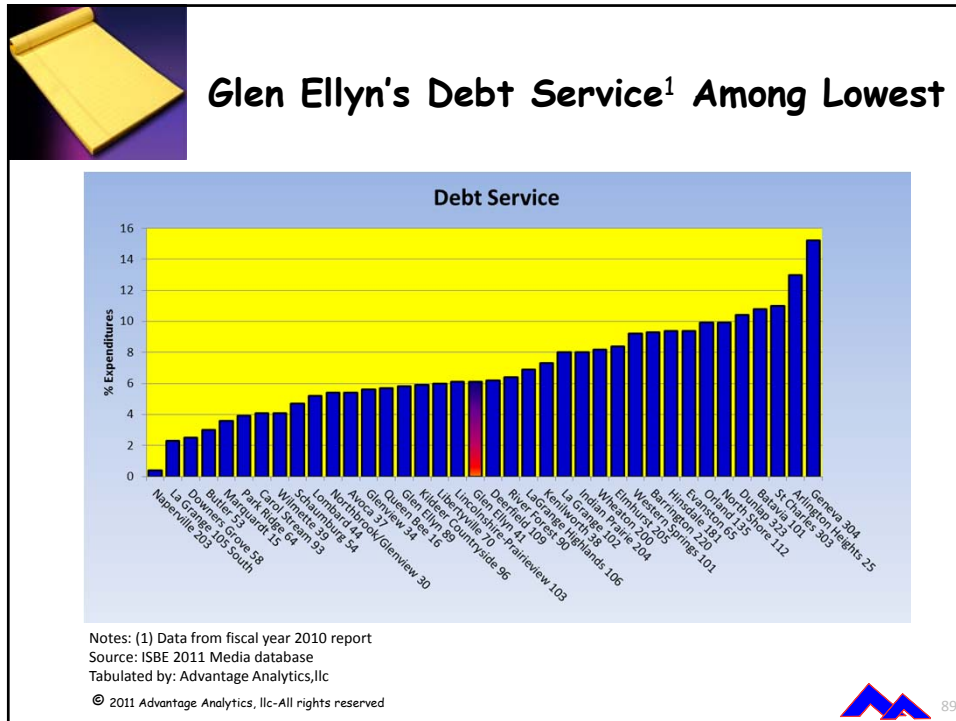
Vertical Boring By Revenue Source

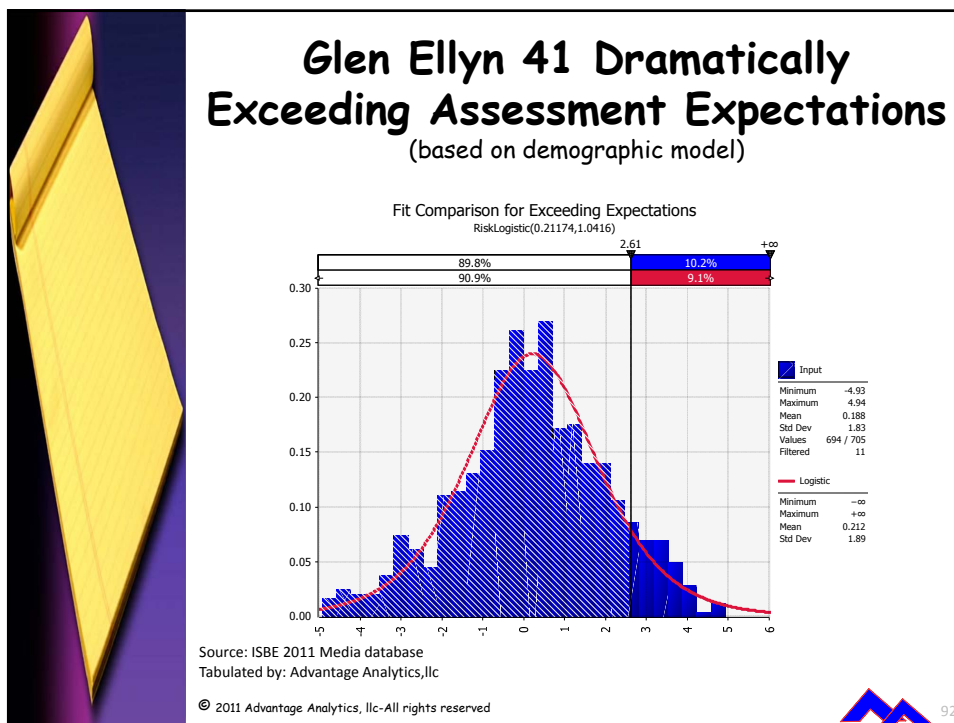
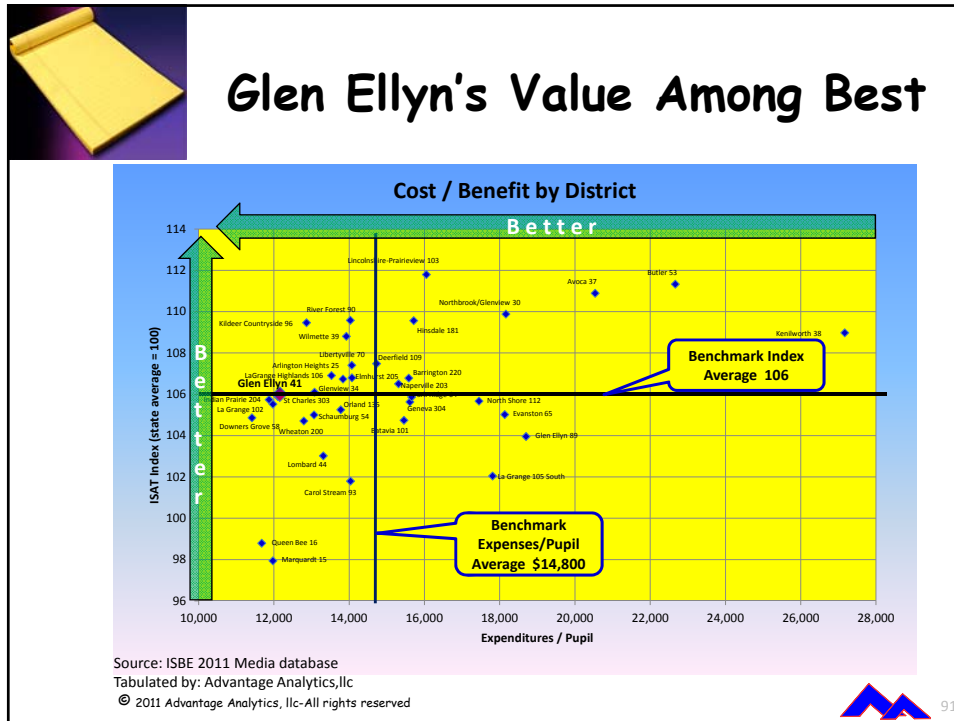
The chart displays the percentage of revenue for 41 municipalities, categorized by revenue source: Property Taxes (blue), Local (red), Other State (green), and Federal (purple). Property taxes consistently represent the largest portion of revenue for all municipalities, typically between 80% and 95%.

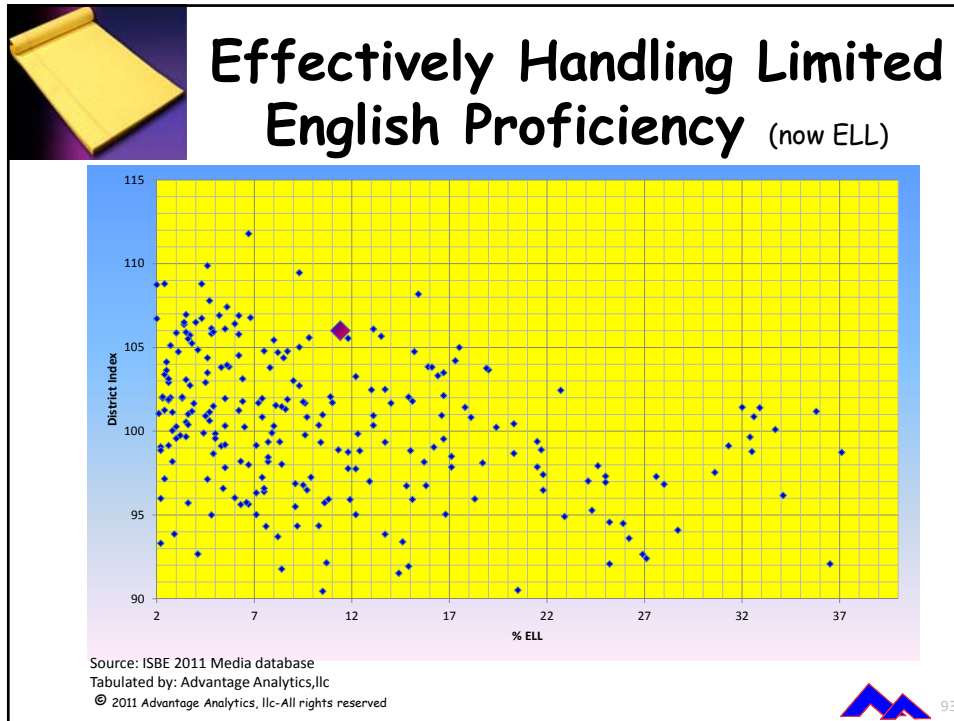
Notes: (1) Data from fiscal year 2010 report
Source: ISBE 2011 Media database
Tabulated by: Advantage Analytics, LLC
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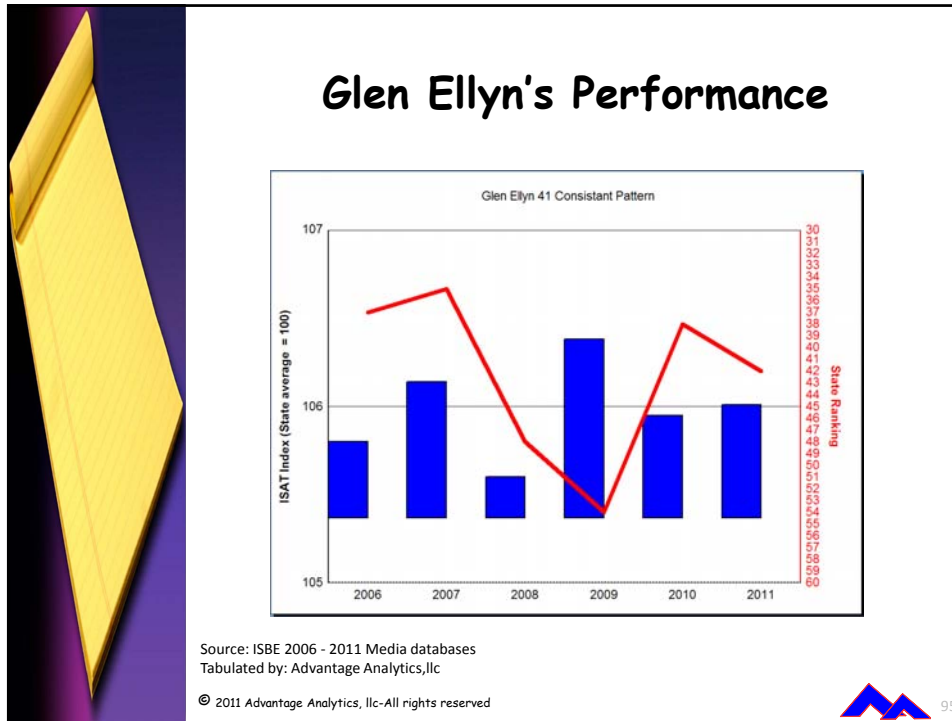





Feeder Districts to Glenbard 87 Face Structural Challenges

Feeder Districts to District 87	% Low Income	% LEP (ELL)	% Mobility	Educational Attainment
Glen Ellyn 41	15.9	11.4	8.2	14.2
Carol Stream 93	25.0	15.1	10.2	13.2
Glen Ellyn 89	16.0	5.6	11.6	14.1
Lombard 44	27.9	9.0	6.7	13.6
Marquardt 15	64.9	24.6	16.0	12.5
Queen Bee 16	41.3	32.5	19.1	13.1

Source: ISBE 2011 Media database, Bureau of Census District data base
Tabulated by: Advantage Analytics, llc
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- ### Summary
- Courage to undertake objective data driven analysis
 - Glen Ellyn 41 ranks 42nd in state
 - Consistent academic performance
 - Exceed expectations (based on demographic composition)
 - Revenue and Expenditures lead benchmark averages
 - Positive yet modest surplus
 - Longer in Glen Ellyn system the better students do
 - Extraordinary value per tax dollar
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Summary

- Sixth and seventh grades room for improvement
- Science requires emphasis
- Generate stronger surplus

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ONWARD!

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