



INDIANA STATE BOARD OF EDUCATION

Joint Recommendation on the Growth to Proficiency Table

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SBOE

Background

511 IAC 6.2-10-2

- ▶ The growth component within Indiana's student-centered accountability system must be based on a growth to proficiency table.
- ▶ The growth to proficiency table must be approved by the State Board.

Background

Requirements per Accountability Review Panel

- ▶ Individual student growth should be utilized in the accountability system.
- ▶ Student growth should be a criterion metric within the accountability system.
- ▶ Growth should be a unique metric independent of school performance status. The metric should have a low correlation to performance.
- ▶ Growth should incentivize progress toward proficiency in non-proficient students and continued growth in proficient students.
- ▶ Growth should deter a decline in individual student performance levels.

Analysis of Growth Tables

Analysis

- ▶ Used 2014-2015 ISTEP+ results
- ▶ Used public comment received for overall model in winter of 2015
- ▶ Used public comment received on posted 4 tables in winter/spring 2015 (RM-1, RM-2, RM-3, RM-4)
- ▶ Grade 10 was excluded from the performance and growth components of the calculations
- ▶ All schools with grades 9-12 were excluded from the calculations
- ▶ All Feeder schools and small schools were excluded from the calculations
- ▶ Based on traditional Student Growth Percentiles (SGP)

Analysis of Growth Tables

Considerations

- Findings from Analysis
- Public Comments previously submitted
- Values of the Accountability System Review Panel
- Bias in the system



Analysis of Growth Tables

Original

Prior Year Status	Negative Movement		Standard Movement		Positive Movement	
	Target Range	Points	Target Range	Points	Target Range	Points
PP2	0-43	75	44-61	125	62-99	150
PP1	0-43	75	44-61	125	62-99	150
P3	0-43	50	44-61	100	62-99	125
P2	0-42	50	43-59	100	60-99	125
P1	0-41	50	32-56	100	57-99	125
DNP3	0-39	0	40-62	50	63-99	100
DNP2	0-36	0	37-61	50	62-99	100
DNP1	0-34	0	35-59	50	60-99	100

Analysis of Growth Tables

► Original Data: 0.76 Correlation

	Perf Only	% A-F	Perf + Growth	% A-F
A	45	3%	152	9%
B	199	12%	354	22%
C	403	25%	517	32%
D	440	27%	349	22%
F	516	32%	231	14%

Analysis of Growth Tables

► STEP THREE: POINT VALUES

Prior Year Status	Low Movement		Standard Movement		High Movement	
	Target Range	Points Awarded	Target Range	Points Awarded	Target Range	Points Awarded
PP2	0-43		44-61		62-99	
PP1	0-43		44-61		62-99	
P3	0-43		44-61		62-99	
P2	0-42		43-59		60-99	
P1	0-41		32-56		57-99	
DNP3	0-39		40-62		63-99	
DNP2	0-36		37-61		62-99	
DNP1	0-34		35-59		60-99	



Joint Recommendation: Option 1

Table 19

Prior Year Status	LOW MOVEMENT		STANDARD MOVEMENT		HIGH MOVEMENT	
	Target Range	Points Awarded	Target Range	Points Awarded	Target Range	Points Awarded
PP2	0-43	50	44-61	100	62-99	150
PP1	0-43	50	44-61	100	62-99	150
P3	0-43	50	44-61	100	62-99	150
P2	0-42	50	43-59	100	60-99	150
P1	0-41	50	42-56	100	57-99	150
DNP3	0-39	0	40-62	100	63-99	175
DNP2	0-36	0	37-61	100	62-99	175
DNP1	0-34	0	35-59	100	60-99	175

Joint Recommendation: Option 1

► Table 19 Data: 0.35 Correlation

	Perf Only	% A-F	Perf + Growth	% A-F
A	45	3%	374	23%
B	199	12%	509	32%
C	403	25%	428	27%
D	440	27%	188	12%
F	516	32%	104	6%



Joint Recommendation: Option 2

Table 24

	LOW MOVEMENT		STANDARD MOVEMENT		HIGH MOVEMENT	
Prior Year Status	Target Range	Points Awarded	Target Range	Points Awarded	Target Range	Points Awarded
PP2	0-43	50	44-61	100	62-99	150
PP1	0-43	50	44-61	100	62-99	150
P3	0-43	50	44-61	100	62-99	150
P2	0-42	50	43-59	100	60-99	150
P1	0-41	50	42-56	100	57-99	150
DNP3	0-39	0	40-62	75	63-99	175
DNP2	0-36	0	37-61	75	62-99	175
DNP1	0-34	0	35-59	75	60-99	175

Joint Recommendation: Option 2

► Table 24 Data: 0.41 Correlation

	Perf Only	% A-F	Perf + Growth	% A-F
A	45	3%	350	22%
B	199	12%	498	31%
C	403	25%	431	27%
D	440	27%	212	13%
F	516	32%	112	7%

Next Steps

Timeline

- ▶ March: SBOE & IDOE staffs to present recommended values tables to SBOE as action item to approve recommendation
- ▶ March-April: Public Comment window
- ▶ April: SBOE adopts final values table and establishes effective date
- ▶ April-May: Grades calculated on new accountability system with 2015 results & distributed to schools

Next Steps

Application of New Model on 2015 Results

- ▶ Only Grades 3-8 will have a growth component
- ▶ Calculations for Grades 9 -12 will be based on Performance (40%) and Multiple Measures (60%)



Next Steps

Changes in the following:

- ▶ Test Administration
- ▶ Tested Standards
- ▶ “Anchoring” Growth/Target Ranges
- ▶ 8-10 Growth

Questions?