

NYS Grades 9-12 School Growth Scores: From MGP and GRE to HEDI Ratings and Scores 2021-22

PREPARED FOR THE NEW YORK STATE EDUCATION DEPARTMENT BY EDUCATION ANALYTICS
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How is MGP Classified into 3012-d Growth Rating for Schools with Grades 9-12 in 2021-22?

A school's State-provided growth rating (the HEDI rating) and growth score (0-20) is based on the "mean growth percentile" or MGP, the aggregate measure of student growth in the school. An MGP is calculated by finding the average of all the SGPs for students attributed to a school across grades and subjects. That MGP is then reported with an upper limit and a lower limit representing a 95-percent confidence range (because all statistical calculations contain some uncertainty). We use the overall adjusted MGP (the MGP that combines information across all applicable grade levels and subjects) and upper- and lower-limit MGPs to determine growth ratings, as shown in **Figures 1 and 2**.

A growth score of 0-20 points is then assigned within each growth rating category (HEDI) using the scoring bands prescribed in Subpart 30-3 of the Rules of the Board of Regents.

FIGURE 1. HEDI CLASSIFICATION FLOWCHART

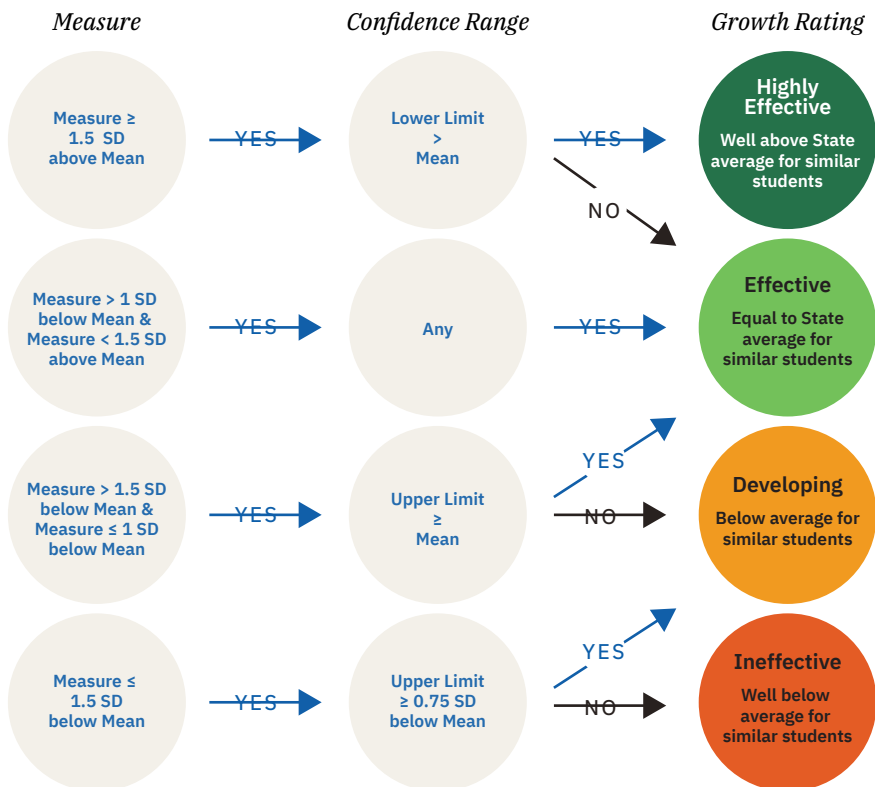
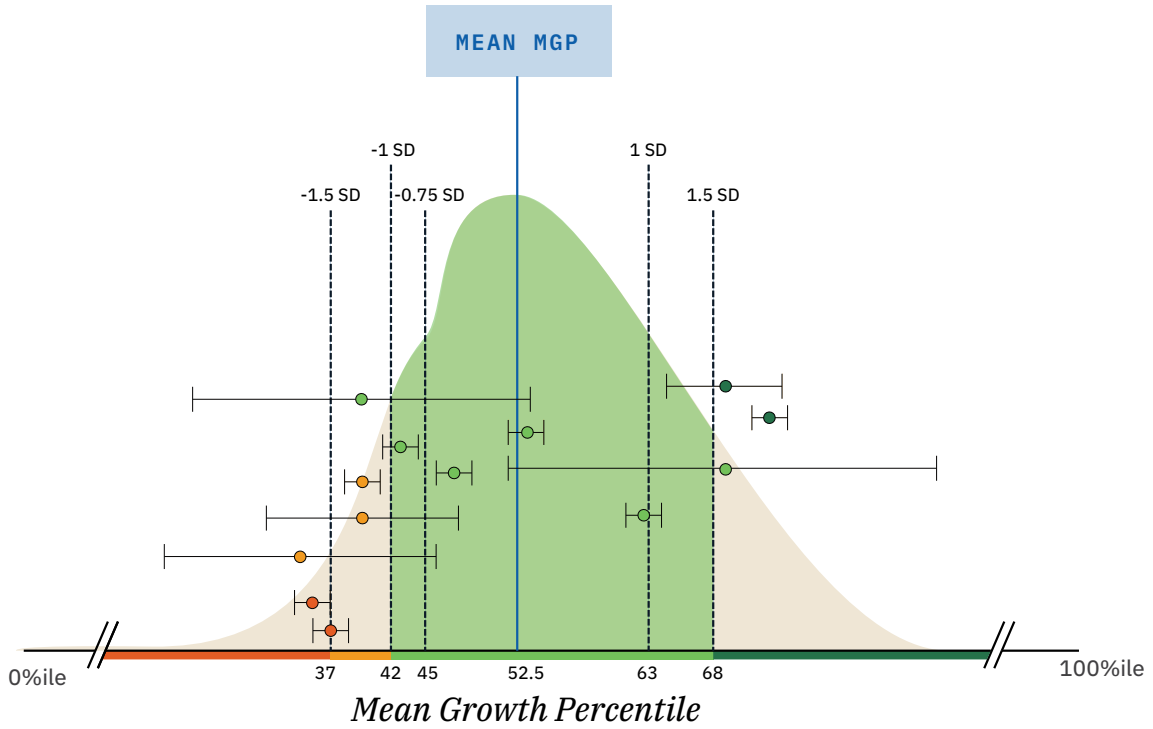
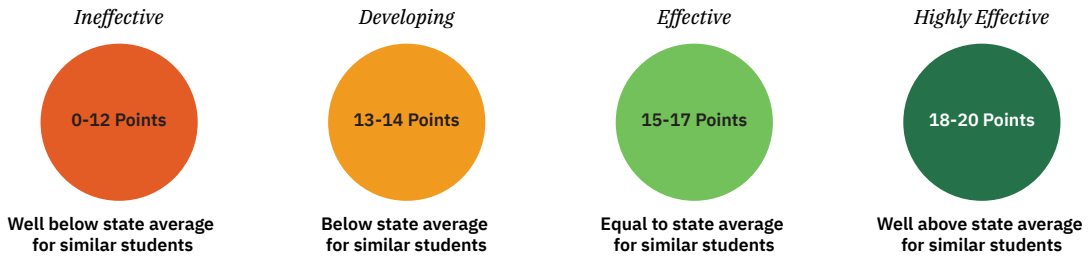


FIGURE 2. HEDI CLASSIFICATION DIAGRAM



= The confidence interval for a school's MGP SD = Standard Deviation



How are 3012-d Growth Score Points* for Schools of Grades 9-12 Assigned Based on MGPs in 2021-22?

FIGURE 3. 2021-22 HEDI POINT CLASSIFICATION

	HEDI Points*	Min MGP	Max MGP	
Ineffective Well Below Average For Similar Students (0-12 Points)	0	15.0	22.5	
	1	23.5	25.5	
	2	26.5	27.5	
	3	28.0	29.0	
	4	29.5	30.5	
	5	31.0	32.0	
	6	32.5	33.0	
	7	33.5	33.5	
	8	34.5	34.5	
	9	35.0	35.0	
	10	35.5	35.5	
	11	36.0	36.5	
	12	37.0	37.0	
Developing Below Average For Similar Students (13-14 Points)	13	30.0	39.5	Point value of 13 includes schools with MGPs in the Ineffective category but confidence ranges of 45 or above
	14	40.0	42.0	
Effective Equal To State Average For Similar Students (15-17 Points)	15	39.0	50.5	Point value of 15 includes schools with MGPs in the Developing category but confidence ranges above state average
	16	51.0	57.0	
	17	57.5	69.0	Point value of 17 includes schools with MGPs in the Highly Effective category but confidence ranges below state average
Highly Effective Well Above State Average For Similar Students (18-20 Points)	18	68.0	69.5	
	19	70.0	72.5	
	20	73.0	85.0	

Note: Values are rounded to the nearest 0.5

How is GRE Classified into 3012-d Growth Rating for Schools of Grades 9-12 in 2021-22?

Another growth measure for principals of grades 9-12 is the Comparative Growth in Regents Exams Passed (GRE) metric. Because a major graduation requirement is for students to pass five Regents Exams (more for advanced Regents diplomas), this measure compares how much progress a school's students are making from one year to the next toward passing up to eight Regents Exams (the five required Regents Exams plus up to three more). A principal's score on this measure reflects whether their students exceeded the average change in number of Regents Exams passed each year by similar students statewide.

— FIGURE 4. GRE CLASSIFICATION FLOWCHART

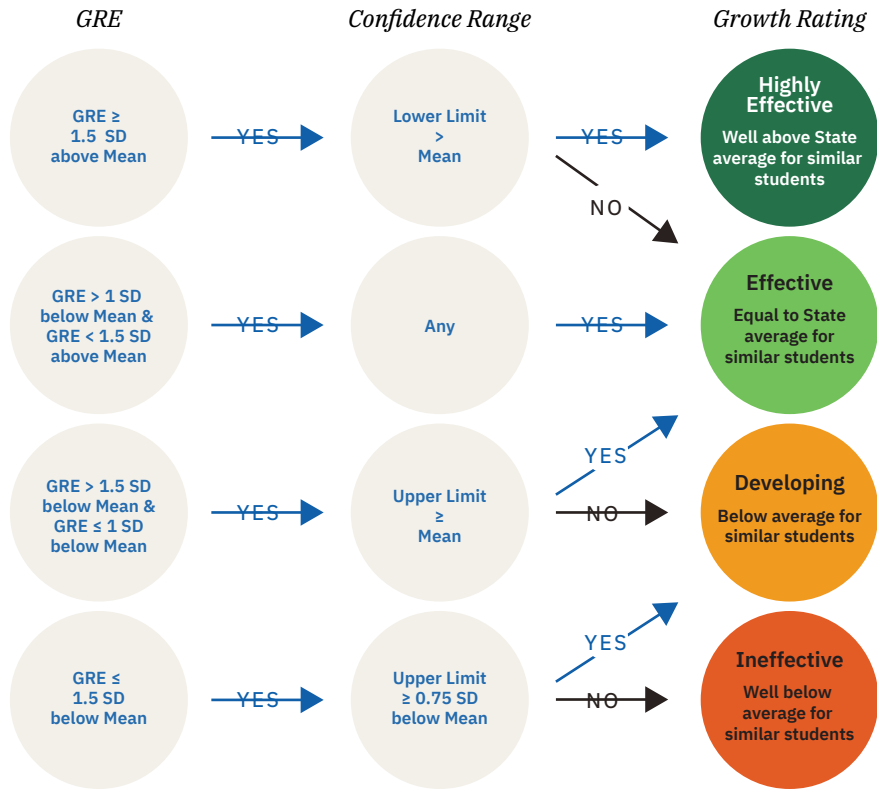
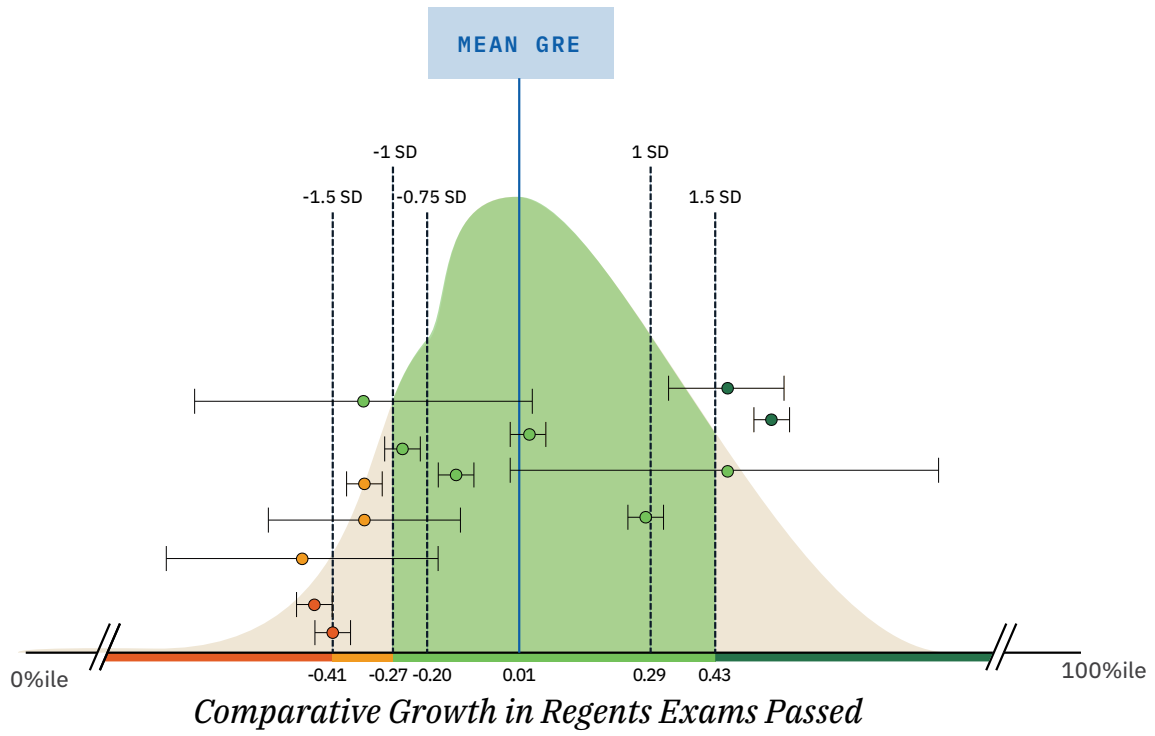


FIGURE 5. GRE CLASSIFICATION DIAGRAM



= The confidence interval for a school's GRE SD = Standard Deviation

<i>Ineffective</i>	<i>Developing</i>	<i>Effective</i>	<i>Highly Effective</i>
0-12 Points	13-14 Points	15-17 Points	18-20 Points
Well below state average for similar students	Below state average for similar students	Equal to state average for similar students	Well above state average for similar students

How are 3012-d Growth Score Points* for Schools of Grades 9-12 Assigned Based on GREs in 2021-22?

FIGURE 6. 2021-22 GRE POINT CLASSIFICATION

	HEDI Points*	Min GRE	Max GRE
Ineffective Well Below Average For Similar Students (0-12 Points)	0	-1.19	-0.84
	1	-0.83	-0.78
	2	-0.77	-0.69
	3	-0.68	-0.63
	4	-0.62	-0.60
	5	-0.59	-0.57
	6	-0.56	-0.54
	7	-0.53	-0.52
	8	-0.51	-0.49
	9	-0.47	-0.46
	10	-0.45	-0.45
	11	-0.44	-0.44
	12	-0.43	-0.41
Developing Below Average For Similar Students (13-14 Points)	13	-0.42	-0.33
	14	-0.32	-0.27
Effective Equal To State Average For Similar Students (15-17 Points)	15	-0.39	-0.04
	16	-0.03	0.14
	17	0.15	0.42
Highly Effective Well Above State Average For Similar Students (18-20 Points)	18	0.44	0.52
	19	0.53	0.61
	20	0.62	2.43

Point value of 13 includes schools with GREs in the Ineffective category but confidence ranges of -0.20 or above

Point value of 15 includes schools with GREs in the Developing category but confidence ranges above state average

Point value of 17 includes schools with GREs in the Highly Effective category but confidence ranges below state average

Disclaimer

If there are any discrepancies between the language in these materials and the Statute, Regulations, or APPR Guidance, the Statute, Regulations, or APPR Guidance prevail.