

2021-2022 PEC & IEC Data



**Board of Education Presentation
November 2022**

PEC

2021-2022

Reading Fall 2021

	Well Below Average	Below Average	Average	Above Average	Well Above Average	Totals	% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99		
K	30	27	54	10	3	124	54%
1	45	28	39	10	5	127	43%
2	14	14	48	11	19	106	74%
PEC 3	1	1	9	2	2	15	87%

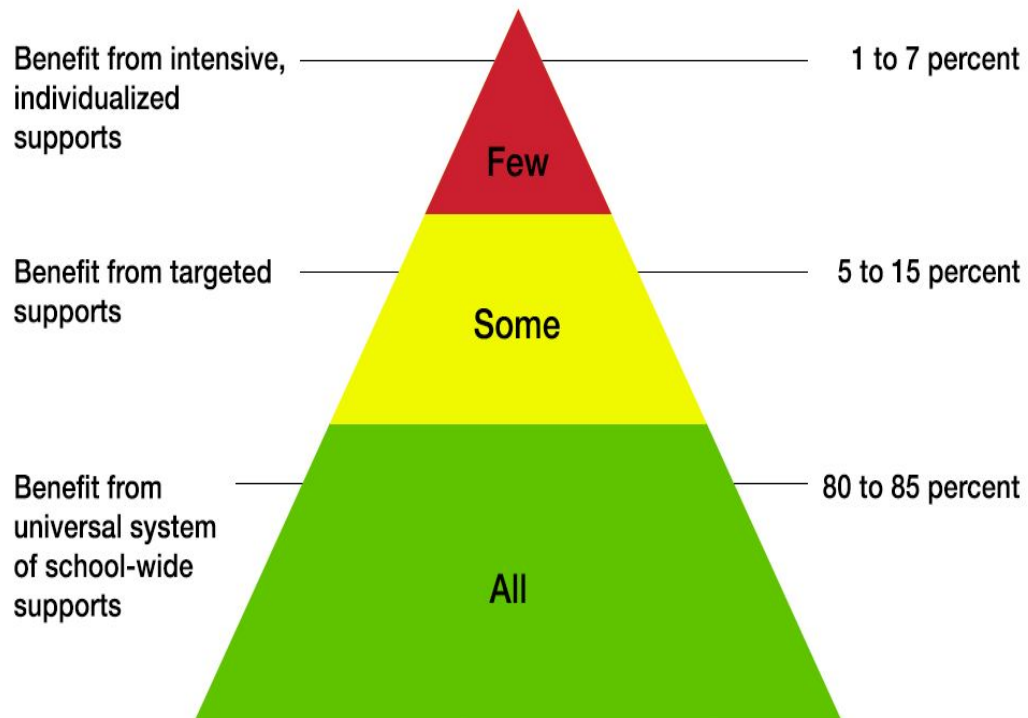
Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

Math Fall 2021

	Well Below Average	Below Average	Average	Above Average	Well Above Average	Totals	% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99		
K (NNF)	19	31	55	13	4	122	59%
1	27	21	57	9	5	119	60%
2	10	13	53	13	17	106	78%
PEC 3	2	0	10	2	1	15	87%

Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

Who Needs More than Tier 1 in Fall 2021?



<https://www.pinterest.com/pin/23010648081628992/>

	Reading	Math
K	54%	59%
1	43%	60%
2	74%	78%
3 (MA)	87%	87%

Green Cells=Within the theoretical range for RTI Tier 1

Red Cells=Below the theoretical range for RTI Tier 1

Reading Spring 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average	Totals	% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99		
K	17	23	75	5	2	122	67%
1	17	17	65	13	12	124	73%
2	10	12	42	23	20	107	79%
Multi-Age 3	0	2	7	2	3	14	86%

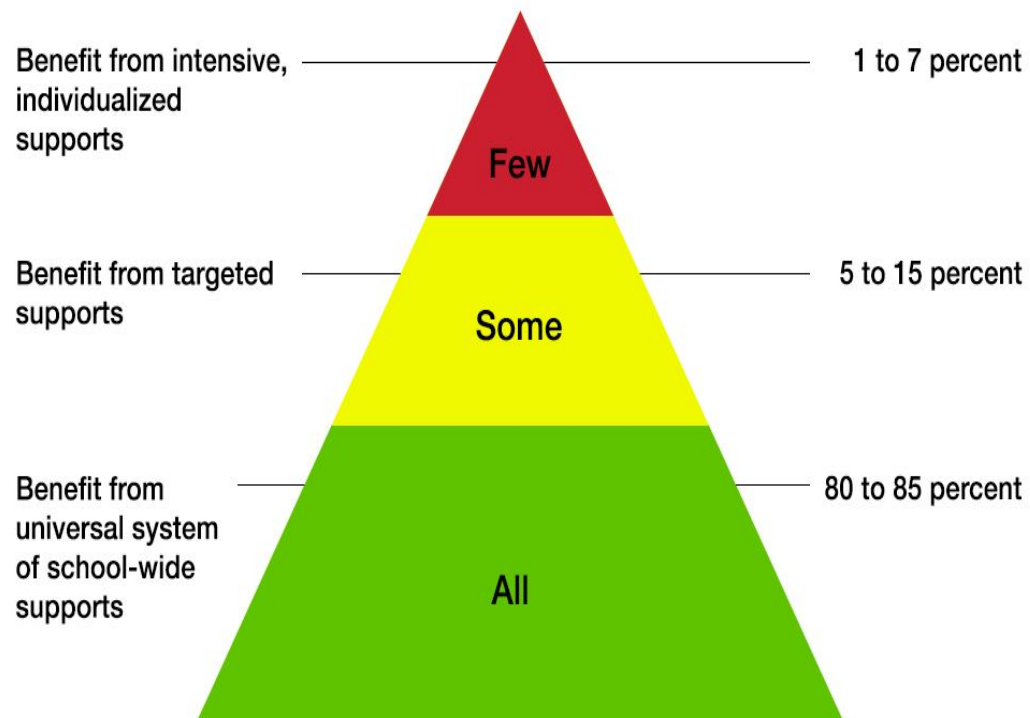
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Math Spring 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average	Totals	% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99		
K	10	25	68	13	6	122	71%
1	16	7	58	24	19	124	81%
2	6	8	44	26	23	107	87%
Multi-Age 3	0	3	9	0	2	14	79%

Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

Who Needs More than Tier 1 in Spring 2022?



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	Reading	Math
K	67%	71%
1	73%	81%
2	79%	87%
3 (MA)	86%	79%

Green Cells=Within the theoretical range for RTI Tier 1

Red Cells=Below the theoretical range for RTI Tier 1

Growth From Fall 21 to Spring 22

	FALL	SPRING		FALL	SPRING	
	Reading		CHANGE	Math		CHANGE
K	54%	67%	+13%age	59%	71%	+12%age
1	43%	73%	+30%age	60%	81%	+21%age
2	74%	79%	+5%age	78%	87%	+9%age
3 (MA)	87%	86%	-1%age	87%	79%	-8%age

Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

PEC

2022-2023

Reading Fall 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average		% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99	Totals	
K	18	22	59	15	2	116	66%
1	54	19	49	10	5	137	47%
2	5	25	74	14	12	130	77%

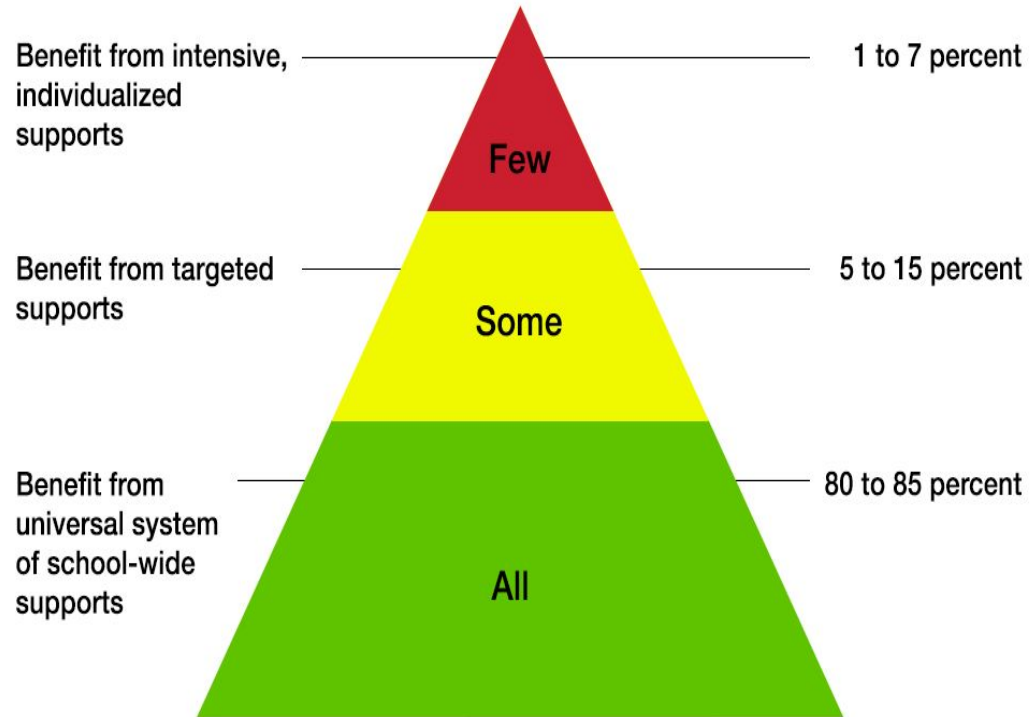
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Math Fall 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average		% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99	Totals	
K	18	14	63	18	4	117	73%
1	25	28	68	13	3	137	61%
2	26	23	49	21	11	130	62%

Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

Who Needs More than Tier 1 in Fall 2022?



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	Reading	Math
K	66%	73%
1	47%	61%
2	77%	62%

Green Cells=Within the theoretical range for RTI Tier 1

Red Cells=Below the theoretical range for RTI Tier 1

IEC

2021-2022

Reading Fall 2021

	Well Below Average	Below Average	Average	Above Average	Well Above Average	Totals	% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99		
3	12	5	54	22	9	102	83%
4	11	6	59	31	27	134	87%
5	6	8	75	25	23	137	90%

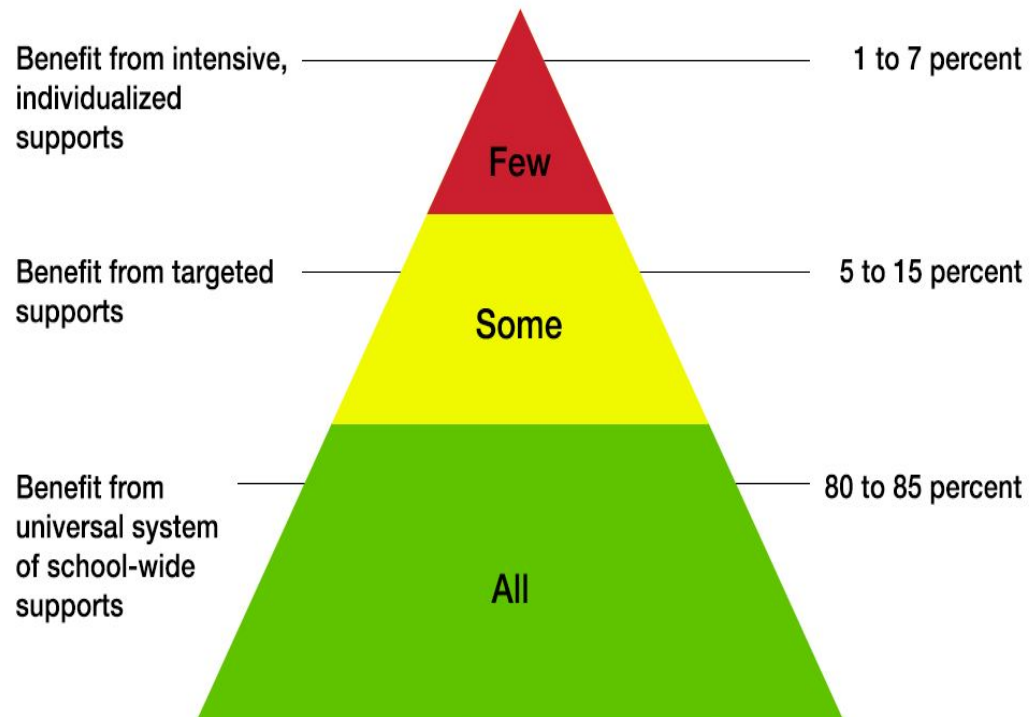
Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

Math Fall 2021

	Well Below Average	Below Average	Average	Above Average	Well Above Average	Totals	% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99		
3	10	11	58	20	4	103	80%
4	15	18	47	26	28	134	75%
5	9	22	58	27	28	144	78%

Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

Who Needs More than Tier 1 in Fall 2021?



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	Reading	Math
3	83%	80%
4	87%	75%
5	90%	78%

Green Cells=Within the theoretical range for RTI Tier 1

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Reading Spring 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average		% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99	Totals	
3	9	9	48	25	13	104	83%
4	7	8	48	28	38	129	88%
5	9	5	67	27	34	142	90%

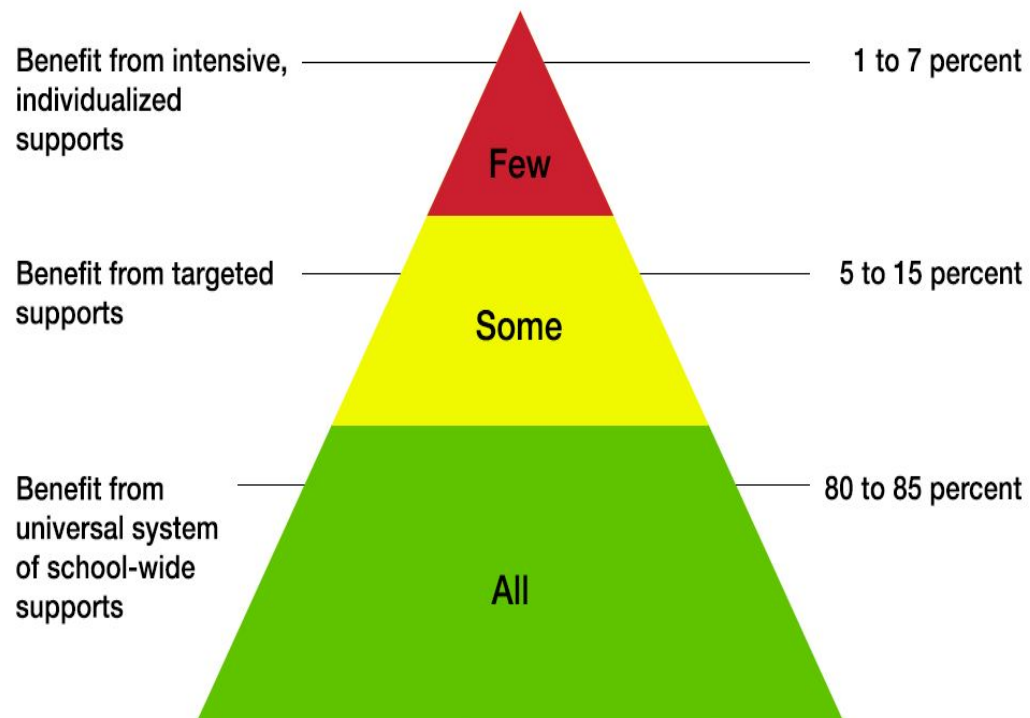
Green Cells=Within the theoretical range for RTI Tier 1 **Red Cells**=Below the theoretical range for RTI Tier 1

Math Spring 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average	Totals	% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99		
3	8	12	47	18	18	103	81%
4	12	6	50	29	35	132	86%
5	7	15	44	28	49	143	85%

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Who Needs More than Tier 1 in Spring 2022?



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	Reading	Math
3	83%	81%
4	88%	86%
5	90%	85%

Green Cells=Within the theoretical range for RTI Tier 1

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Growth From Fall 21 to Spring 22

	FALL	SPRING		FALL	SPRING	
	Reading		CHANGE	Math		CHANGE
3	83%	83%	0%age	80%	81%	+1%age
4	87%	88%	+1%age	75%	86%	+11%age
5	90%	90%	0%age	78%	85%	+7%age

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IEC

2022-2023

Reading Fall 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average		% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99	Totals	
3	9	9	68	16	15	117	85%
4	8	6	63	10	34	121	88%
5	5	13	56	30	39	143	87%

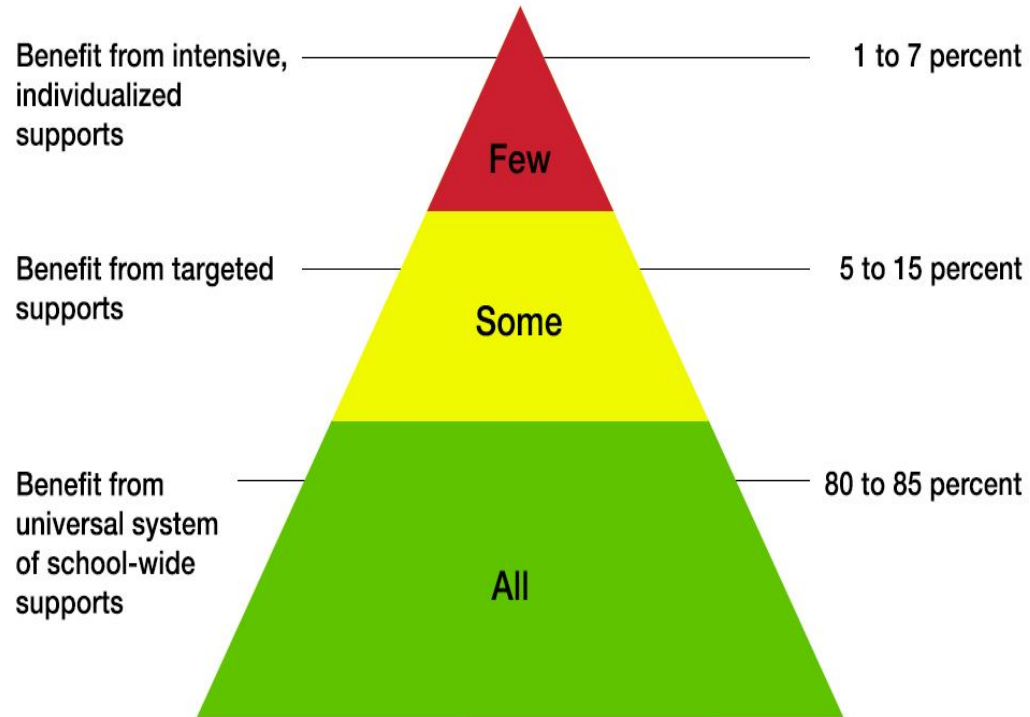
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Math Fall 2022

	Well Below Average	Below Average	Average	Above Average	Well Above Average		% Needing Tier 1 Only
	1-10	11-25	26-74	75-89	90-99	Totals	
3	15	18	57	19	9	118	72%
4	14	9	56	31	12	122	81%
5	7	11	58	35	31	142	87%

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Who Needs More than Tier 1 in Fall 2022?



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	Reading	Math
K	85%	72%
1	88%	81%
2	87%	87%

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A New Baseline

Understanding the NYS
Assessment Data

From NYSED **October 28, 2021**

2. Why were prior years' test questions used?

The decision to use previously administered test questions was based on guidance from nationally recognized experts in the assessment field. Reusing test questions provided the benefit of having established scale scores and stable item parameters. Although it was not the driver of the decision, the reuse of previously administered test questions also provided an opportunity for cost savings.

3. Why aren't student performance results reported for the entire state as has been done in prior years?

Due to the pandemic, approximately 4 out of 10 enrolled students participated in state assessments in 2020-21. That represents less than half of New York's student population. Because only 40% of students' results are available, these state assessment results are not representative of the state's student population and it would be irresponsible to release data at a statewide level. The results should not be compared statewide or by statewide subgroup, or with prior years' results. As a result, the Department is not making statewide comparisons of the data and only district and school level results are posted [on the Department's website](#).



2021 Grades 3-8 English Language Arts (ELA) & Mathematics State Assessments Frequently Asked Questions

1. The 2021 Grades 3-8 ELA and Math tests were administered at an extraordinary time for schools, communities, and families. What was different about these tests from prior years?

The Department provided schools with more flexibility in scheduling the Spring 2021 operational tests because of the various methods of instruction used across the state in response to COVID-19. Students who received entirely remote instruction did not have to come to school only for testing.

In addition, the Department required schools to administer only Session 1 of the ELA and Mathematics Tests (the multiple-choice session) to students and only student scores on the Session 1 test questions contributed to students' total scores for the tests. Also, the Department further reduced the length of the tests by removing the embedded multiple-choice field test questions and the tests contained prior years' questions.

2. Why were prior years' test questions used?

The decision to use previously administered test questions was based on guidance from nationally recognized experts in the assessment field. Reusing test questions provided the benefit of having established scale scores and stable item parameters. Although it was not the driver of the decision, the reuse of previously administered test questions also provided an opportunity for cost savings.

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IEC

By the Numbers

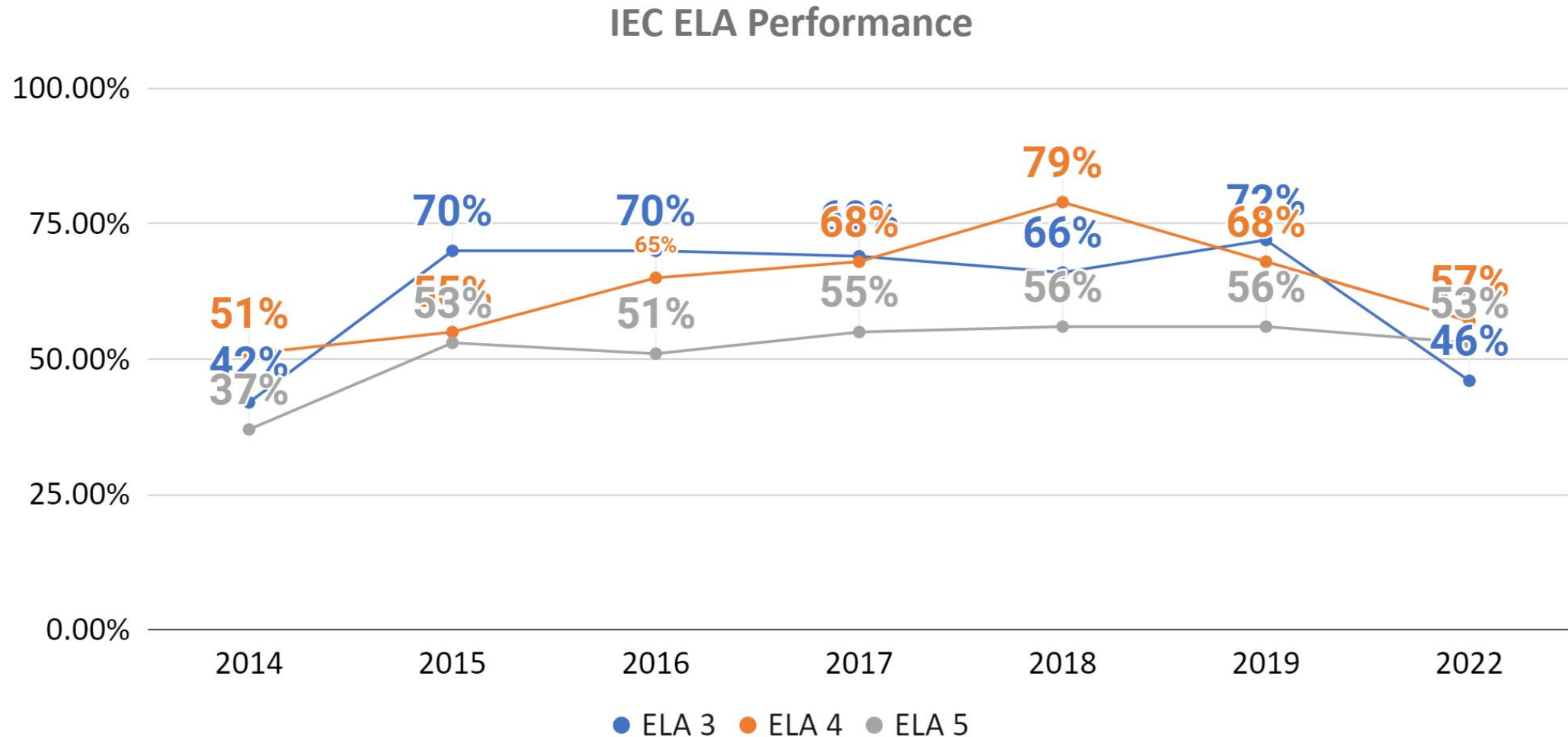
Student Refusal Data

	Grade 3		Grade 4		Grade 5	
	ELA	Math	ELA	Math	ELA	Math
2014	5%	4%	2%	3%	4%	5%
2015	9%	12%	17%	19%	14%	18%
2016	8%	8%	10%	15%	30%	31%
2017	3%	1%	10%	11%	13%	18%
2018	4%	6%	7%	8%	17%	18%
2019	6%	7%	5%	7%	3%	3%
2020						
2021						
2022	7%	9%	9%	13%	8%	61%

Comparison ELA Data

	Lew-Port	
2022 Proficiency Rates	% of Tested	% of Eligible
Grade 3	50%	46%
Grade 4	64%	57%
Grade 5	57%	53%

Historical IEC ELA Results



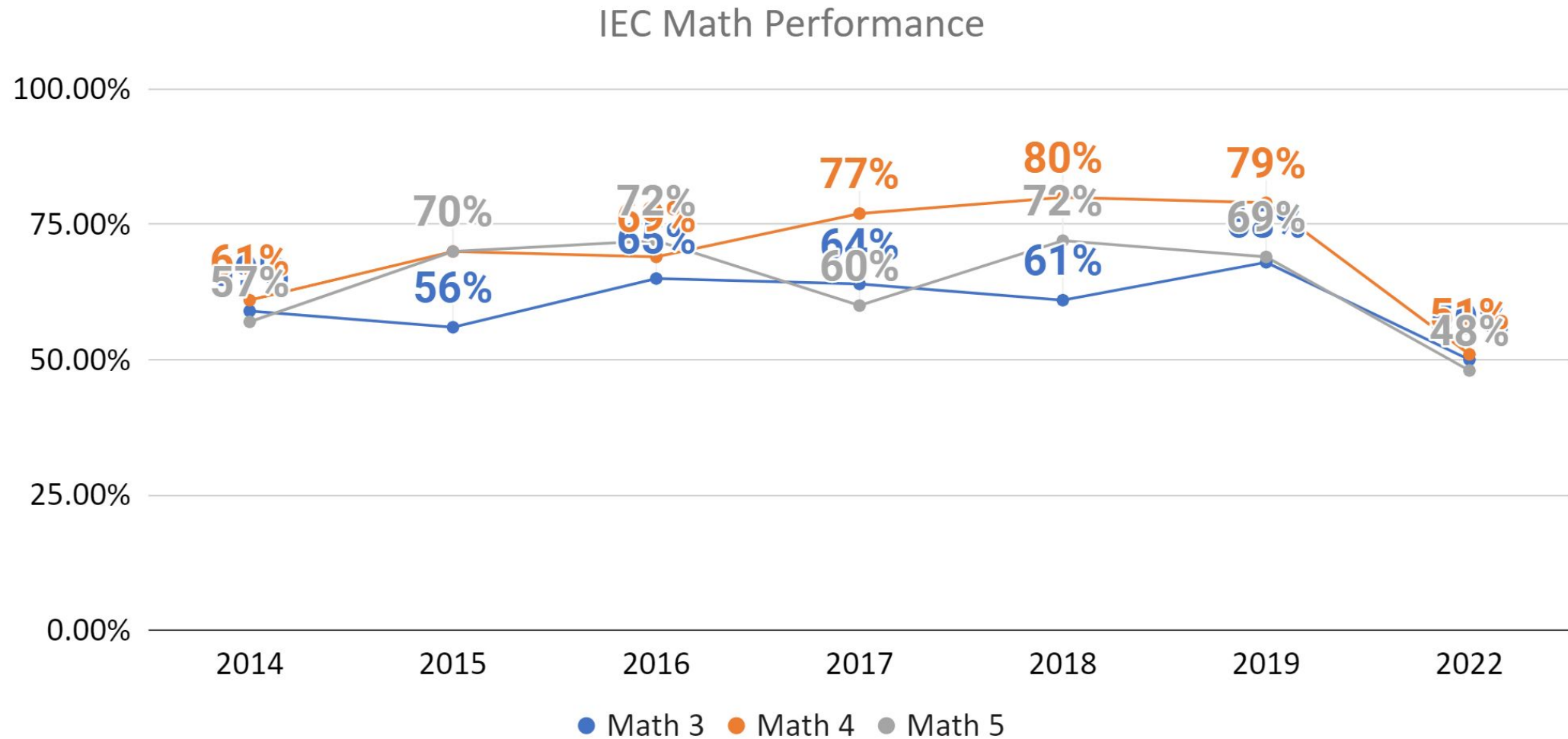
IEC School ELA Cohort Data

	Grade 3	Grade 4	Grade 5
2014	42%	51%	37%
2015	70%	55%	53%
2016	70%	65%	51%
2017	69%	68%	55%
2018	66%	79%	56%
2019	72%	68%	56%
2020			
2021			
2022	46%	57%	53%

Comparison Math Data

	Lew-Port	
2022 Proficiency Rates	% of Tested	% of Eligible
Grade 3	46%	26%
Grade 4	34%	20%
Grade 5	3%	1%

Historical IEC Math Results



IEC Math Cohort Data

	Grade 3	Grade 4	Grade 5
2014	59%	61%	57%
2015	56%	70%	70%
2016	65%	69%	72%
2017	64%	77%	60%
2018	61%	80%	72%
2019	68%	79%	69%
2020			
2021			
2022	50%	51%	48%

More

Than the Numbers

PEC Program Highlights

- ★ DEAL: *Drop Everything and Lead*
- ★ Year 1 IntoMath Implementation Monthly Coaching Support
- ★ Year 2 Amplify Science Implementation
- ★ Social Studies Review in progress
- ★ Units of Study continued Professional Development to support Personalized Literacy
- ★ Words Their Way Phonics instruction

IEC Program Highlights

- ★ New Skill based Report Card with personalized teacher comment
- ★ RTI Process: Tier 2 and 3 Math and Reading interventions
- ★ DEAL Schedule in grades 3-5: *Drop Everything and Lead (LIM, RP and Social Perspectives)*
- ★ Daily Enrichment for students scoring 80% or higher on ELA and Math AIMSWeb Plus
- ★ Year 2 Elevate Science Implementation
- ★ Daily WINN Time
- ★ Social Studies Review in progress
- ★ ELA: Units of Study continued PD to support Personalized Literacy
- ★ Year 4 IRLA implementation

QUESTIONS

FEEDBACK