

Lincoln Public Schools MCAS Report

Executive Summary -- October 2022

Overall achievement in grades 3-8 across the district

Key Yearly Measure: % Meeting or Exceeding Expectations		
ELA: 58	Math: 52	Science: 68

Our scores had a slight dip in ELA and a slight increase in math, both of which correlate with state trends. Of note is the significant (15 point) increase in percentage of students meeting or exceeding expectations in science in grades 5 and 8.

Overall achievement across the last three testing years

Lincoln managed to essentially hold steady in ELA throughout the pandemic compared to schools across the state who had downward trends across the last two testing years. Student performance across the state on the math MCAS dropped considerably in 2021 and started to bounce back up in 2022. Lincoln's own data mimics this trend. Impressively, Lincoln's scores on the science MCAS have dramatically increased over the last two years, while scores across the state have decreased slightly both years.

Overall growth in grades 5-8 across the district

Key Yearly Measure: 4-8 SGP (Growth)		
<i>Hanscom</i>	ELA: 48	Math: 50
<i>Lincoln</i>	ELA: 63	Math: 57

Of note is that when looking at growth percentiles the Lincoln campus leads all comparison districts being tied with Concord and Lexington. Additionally, Lincoln campus was in the top third when compared to other neighboring districts in terms of the % of students who met or exceeded the ELA assessment. Hanscom campus essentially matches the state growth and achievement rates.

8th grade growth and achievement

An exciting piece of data to celebrate is that in 2022 the Lincoln campus 8th graders led all other cohorts of 8th graders from our comparison districts in ELA and in math for both SGP and for the percentage meeting or exceeding expectations.

Key Yearly Measure: Grade 8 % Meeting or Exceeding Expectations			
<i>Hanscom</i>	ELA: 56%	Math: 25%	Sci: 53%
<i>Lincoln</i>	ELA: 84%	Math: 83%	Sci: 76%

We continue to work to understand the Hanscom math achievement results. 60% of our Hanscom students who took MCAS in 2022 have only been with us for 1-2 years, and experienced at least part of the pandemic in another school district, mostly in other states or countries, so it is difficult for us to fully account for their learning experience during the pandemic. Due to the state's methodology for calculating growth, the SGP cohort at Hanscom is quite small, representing only 58% of the grade 4-8 student population.

Gaps Between Subgroups Across the District

Key Yearly Measure: Achievement Gaps (Percentage points)		
<i>Special Education</i>	ELA: 47	Math: 44
<i>High Needs</i>	ELA: 39	Math: 34
<i>Black</i>	ELA: 18	Math: 26
<i>Latinx</i>	ELA: 30	Math: 35

Key Yearly Measure: Achievement Gap Closing 2021-22* (Percentage points)		
<i>Special Education</i>	ELA: 3	Math: 2
<i>High Needs</i>	ELA: 1	Math: -1
<i>Black</i>	ELA: -10	Math: -2
<i>Latinx</i>	ELA: 2	Math: 13

*Positive numbers indicate gap widening, negative numbers indicate gap narrowing

Achievement percentiles help us understand how our subgroup of students compares to that same subgroup across other schools in the state. In ELA, our 3-8 graders on the Lincoln campus ranked in the 95th percentile across the state overall, meaning they outperformed 95% of other 3-8th graders.

<i>Achievement Percentiles</i>		
<i>Demographic Groups</i>	<i>Lincoln Campus gr 3-8 percentile (n-size)</i>	<i>Hanscom Campus gr 4-8 percentile (n-size)</i>
Students with Disabilities	91 (66)	68 (50)
Non-disabled Students	96 (275)	55 (150)
Male-identifying	95 (169)	49 (98)
Female-identifying	93 (175)	58 (101)

High Needs	91 (129)	30 (64)
Not High Needs	97 (215)	32 (136)
Economically Disadvantaged	74 (73)	-
Non-economically Disadvantaged	97 (271)	30 (194)
Ever EL*	74 (41)	45 (11)
Non EL	-	-

<i>Achievement Percentiles</i>				
<i>Racial Identity Groups</i>	Lincoln Campus gr 3-8 percentile (<i>n-size</i>)		Hanscom Campus gr 4-8 percentile (<i>n-size</i>)	
	<i>ELA</i>	<i>Math</i>	<i>ELA</i>	<i>Math</i>
Asian	93 (23)	92 (23)	-	-
Black	74 (41)	83 (41)	89 (18)	79 (18)
Latinx	77 (34)	71 (34)	72 (49)	69 (48)
Multi-racial, non-Latinx	87 (45)	86 (45)	54 (17)	55 (17)
White	98 (201)	97 (202)	44 (112)	41 (111)

It can be challenging to hold onto different sets of data that seem to make our understanding more complex rather than simplified. Regardless, we remain committed to narrowing the outcome gaps we see based on race and other demographics.