

NJSLA Science Results:
Spring 2019
Administrations

Kingsway Regional School
District
April 2020

New Jersey Student Learning Assessment – Science (NJSLA-Science)

The NJSLA-Science:

- Is a federally required state assessment administered to students in grades 5, 8, and 11 & provides a snapshot of student performance on the New Jersey Student Learning Standards for Science (NJSLS-Science).
- Is significantly different from the New Jersey Assessment of Skills and Knowledge (NJ ASK) because NJSLS-Science are more rigorous standards and NJSLA-Science focuses on the application of science knowledge and skills rather than memorization of content.

Why did we need a new test?

- A new test was needed to measure the State's new, more rigorous science standards (NJSLS-Science) that are informing classroom instruction.
- The NJSLS-Science standards were adopted by the State in 2014. The timeline for transition to the new standards for districts required full implementation in grades 6-12 by September 2016 and full implementation in grades K-5 by September 2017.
- NJQSAC for school year 2021-2022 will be the first year in which results from the NJSLA-Science will be factored into NJQSAC, utilizing the results from the 2020-2021 administration of the assessment.

Why do NJSLA-Science scores look different from those of the previous state science tests?

- The NJSLA-Science assessment reflects new expectations outlined in the new science standards, the NJSLS-Science, which focuses on the application of science knowledge and skills.
- The prior assessment, New Jersey Assessment of Skills and Knowledge (NJ ASK), emphasized the memorization of content.
- The NJSLA – Science Assessment assesses the following Domains and Practices:
 - **DOMAINS:** Earth & Space Science, Life Science, & Physical Science
 - **PRACTICES:** Investigating, Sensemaking, & Critiquing

Comparison of **Kingsway Regional School District's** Spring 2019 NJSLA Administrations Science to New Jersey Percentages for 2019

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State
8	20.2	35.7	51.8	44.5	20.8	15.3	7.1	4.5
11	30.2	49.0	31.8	23.6	29.7	19.5	8.3	7.8

Notes: Percentages may not total 100 due to rounding.

Kingsway Regional School District's Number of Students Tested in Spring 2019 NJSLA Administrations Science

Grade	Students Tested 2019
8	490
11	424
Total	914

Note: "Students Tested" represents individual valid test scores for Science.

Kingsway Regional School District's 2019 Spring NJSLA School- & Grade-Level Outcomes Science Grade 8 - Percentages

	Level 1	Level 2	Level 3	Level 4	% of students at Level 3 & 4
KRMS	20.2	51.8	20.8	7.1	27.9
KRHS	30.2	31.8	29.7	8.3	38.0

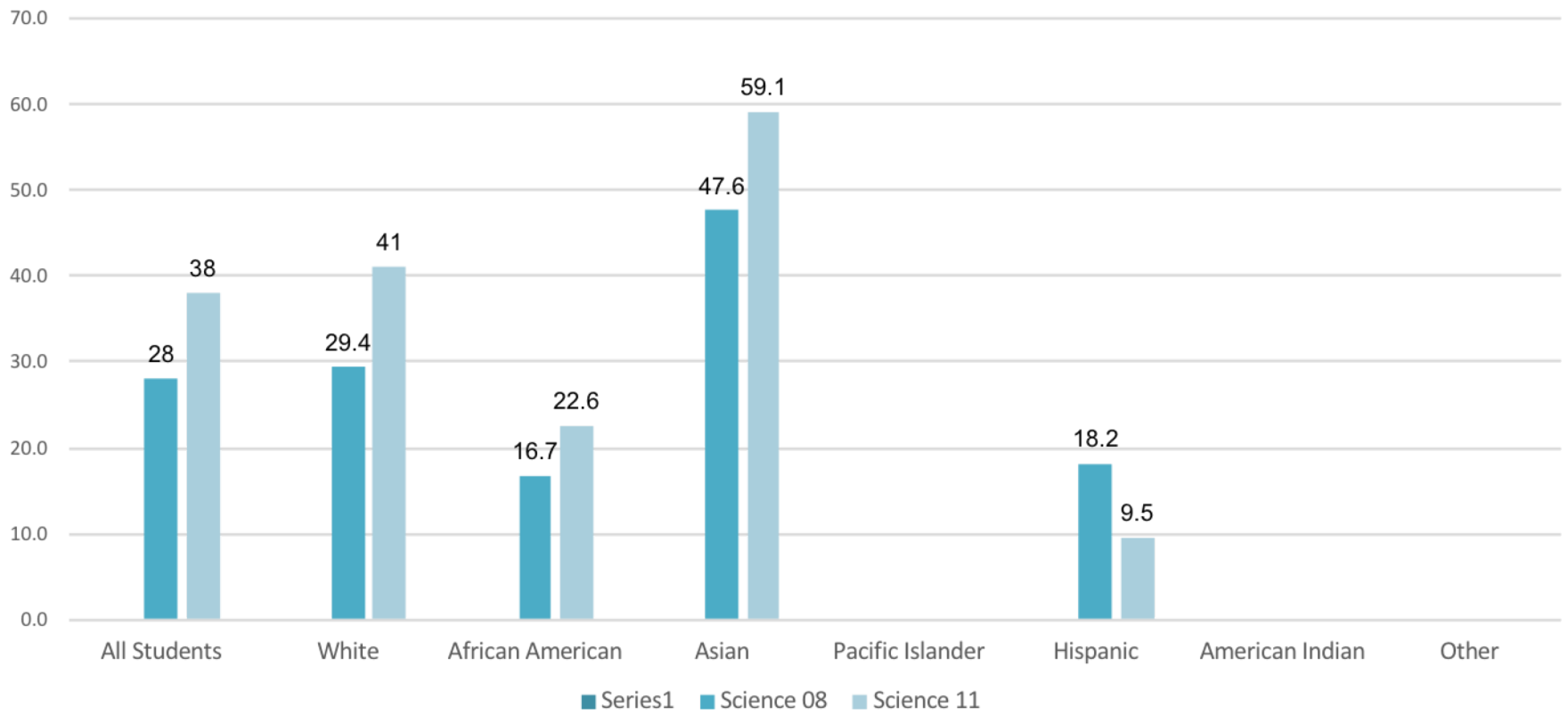
Comparison of **KRMS & KRHS 's** Spring 2019 Administration Science Percentages in 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District
8	20.2	24.8	51.8	42.6	20.8	24.9	7.1	7.7
11	30.2	24.8	31.8	42.6	29.7	24.9	8.3	7.7

Notes: Percentages may not total 100 due to rounding.

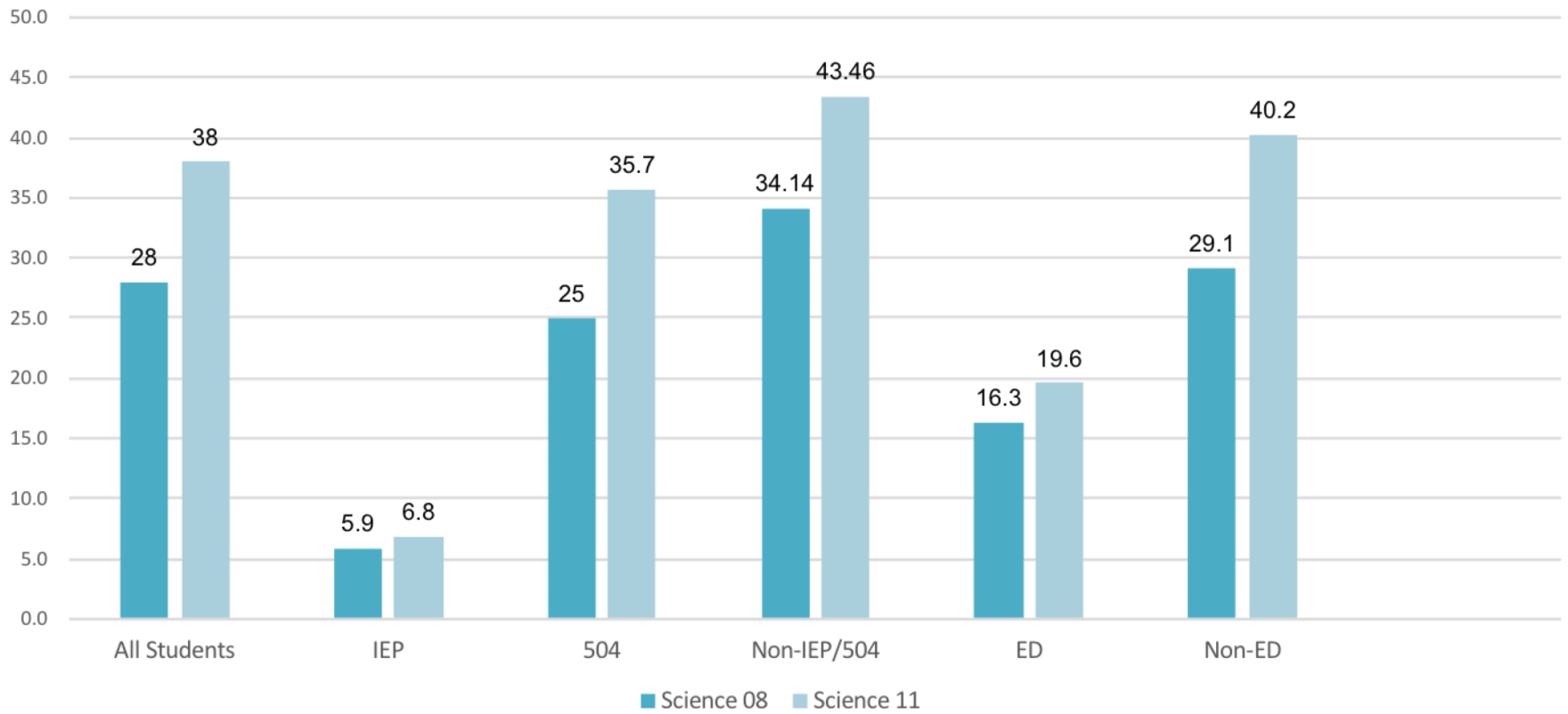
Subgroup Percent Proficient Total District – Percentages

Science Performance by Race Subgroup



Subgroup Percent Proficient Total District – Percentages

Science Performance by IEP/504 and ED Subgroups



Comparison of **Kingsway Regional Middle School's** Spring 2019 Administration Science to **State** by Domain and Practice - Percentages

School	Earth & Space Science	Life Science	Physical Science	Investigating Practices	Sensemaking Practices	Critiquing Practices
KRMS	63	52	53	51	53	55
State	46	40	35	36	38	41
Difference	+17	+12	+18	+15	+15	+14

Notes: Percentages may not total 100 due to rounding.

Comparison of **Kingsway Regional High School's** Spring 2019 Administration Science to **State** by Domain and Practice- Percentages

School	Earth & Space Science	Life Science	Physical Science	Investigating Practices	Sensemaking Practices	Critiquing Practices
KRMS	68	58	63	63	56	64
State	47	44	46	46	41	48
Difference	+21	+14	+20	+20	+15	+16

Notes: Percentages may not total 100 due to rounding.

Notable Achievements

- KRMS
 - 8.1% above state average
 - Above state average in all domains
 - Above state average in all practices
- KRHS
 - 10.1% above state average
 - Above state average in all domains
 - Above state average in all practices



Next Steps

- The NJSLA-Science data will be used to evaluate the district's science curriculum and school and classroom instruction.
 - This data, in combination with classroom level data collected can feedback on students' strengths and weaknesses with particular skills.
- The reports will be used as a catalyst for conversation and exploration of questions such as, but not limited to;
 - *What do the patterns in the data suggest about the curricular alignment and the current science sequencing?*
 - *What do the patterns in the data suggest about the allocation of time and resources to our science program?*
 - *What do the patterns in the data suggest about the effectiveness of our program for our subgroups?*

What resources are available for further support?

- The NJDOE Office of Standards has a repository of various resources to help support educators and districts with the implementation of the NJSLS-Science:
 - <https://www.nj.gov/education/aps/cccs/science/mc.htm>
- NJSLA-Science practice tests are also available online at the following site:
 - <https://measinc-nj-science.com/>
- The NJDOE plans to continue to develop additional resources, such as K-12 instructional units based on the 2020 NJSLS-Science and connect educators with free resources and course materials.