

NJSLA Science Results:  
Spring 2019  
Administration

Northern Valley Regional  
High School District  
April 27, 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).
- Was developed in collaboration with NJ educators, the New Jersey Department of Education (NJDOE), and New Jersey’s contracted science vendors
- 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.

# Comparison of Northern Valley Regional High School'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
<b>11</b>	20.5	49.0	25.9	23.6	34.8	19.5	18.9	7.8

Note: State average for Level 3 and Level 4 = 27.3%  
Notes: Percentages may not total 100 due to rounding.

# Northern Valley Regional High School's Number of Students Tested in Spring 2019 NJSLA Administrations Science

Grade	Students Tested 2019
11	557
Total	557

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

**Northern Valley Regional High School District's**  
**2019 Spring NJSLA School- & Grade-Level Outcomes**  
**Science Grade 11 - Percentages**

	Level 1	Level 2	Level 3	Level 4	% of students at Level 3 and 4
NVOT	19.9	24.7	35.6	19.9	53.7
NVD	21.1	27.2	34.0	17.7	51.7

Comparison of **NVOT's**  
 Spring 2019 Administration  
 Science to **Northern Valley's** 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
<b>11</b>	19.9	<b>20.5</b>	24.7	<b>25.9</b>	35.6	<b>34.8</b>	19.9	<b>18.9</b>

Notes: Percentages may not total 100 due to rounding.

Comparison of **NVD's**  
 Spring 2019 Administration  
 Science to **Northern Valley's** 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
<b>11</b>	21.1	<b>20.5</b>	27.2	<b>25.9</b>	34.0	<b>34.8</b>	17.7	<b>18.9</b>

Notes: Percentages may not total 100 due to rounding.

# Northern Valley Regional High School District's Notable Achievements

- Northern Valley's level of students meeting or exceeding expectations surpasses the state average
- Revised science curriculum includes science practices in all units
- Common summative unit assessments aligned to standards
- Common performance tasks that include digital simulations similar to those on the NJSLA-S
- Earth and Space science is integrated into each of the required core science courses in Biology, Chemistry, and Physics
- Student performance meeting or above expectations is approximately 70% on Domains and Practices

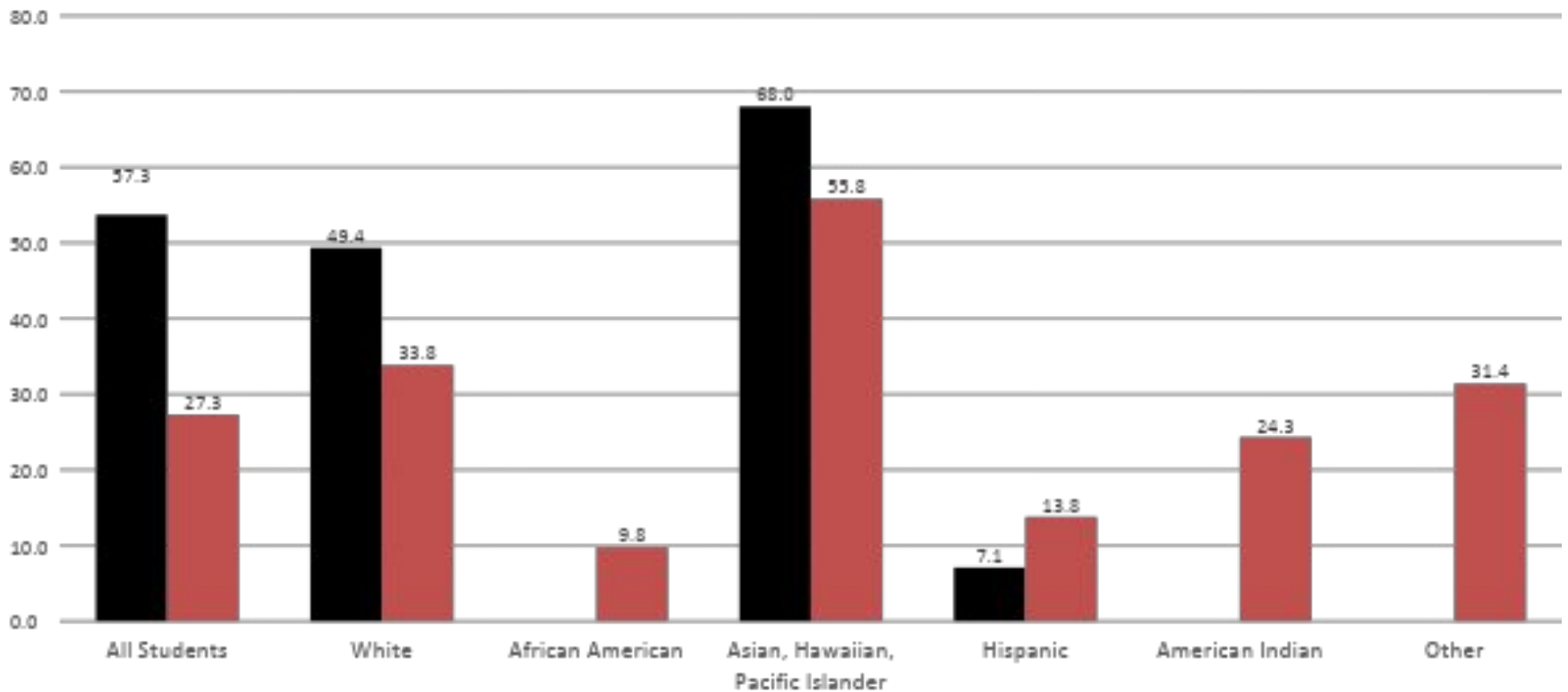


# Northern Valley Regional High School District's Intervention Strategies

- PLC's to analyze individual student scores both overall and how they align to Domains and Practices
- Conduct gap analysis to determine where in the curriculum Practices can be strengthened
- Deepen collaboration with special education colleagues on specific interventions that may be effective with the IEP subgroup
- Collaboration for in-class resource
- Explore the purchase of online data literacy tools
- Smaller class size
- Implementing Universal Design for Learning
- Increased personalized and student-centered learning

# Subgroup Charts

Science Performance by Race Subgroup



NVRHSD State Average