October 3, 2019

TO: The Honorable Catherine Payne  
Chairperson, Board of Education

FROM: Dr. Christina M. Kishimoto  
Superintendent

SUBJECT: Presentation on School Performance Results for the 2018-2019 School Year

EXECUTIVE SUMMARY

The Strive HI system reports school and student performance indicators that comprise the first ten of the fourteen statewide student success indicators of the Hawai‘i State Department of Education and Board of Education Strategic Plan 2017-2020. There are indicators to reflect unique stages of the grade spans, but most measures are applicable across grades. Some measures are used for federal accountability under the Every Student Succeeds Act (ESSA). In the Strive HI School Reports, schools have the option of reporting additional local measures around their school design that are important to their own school community.

Annually, this data is reported during this time of the year when Smarter Balanced results become available. Data shared will include students meeting achievement targets on statewide assessments in English Language Arts/Literacy, Mathematics, and Science over the past three years; the performance differential between high-needs students and their peers; and other data predictive of college and career readiness.

The presentation will include a summary of Department strategies to support student achievement for the upcoming school year.

To frame the information that will be shared, the enrollment for SY 2018-19 was 179,698 students, an increase of 443 students from the previous school year. Of the total enrollment, 9% (16,275 students) were English Language Learners; 48% (85,760 students) eligible for Free/Reduced lunch; and 10% (17,591 students) received special education services.
This presentation will focus on three guiding questions:

Question 1: What is the student performance data telling us for SY 2018-19?

Question 2: How is the student performance data predictive of college and career readiness?

Question 3: How are we continuing to redefine student success and support all students?

DESCRIPTION

- The presentation will include information from the Strive HI performance system, Smarter Balanced Assessment, and other measures of student progress, as well as Department actions to increase achievement in Math and Science.

- Following the Board of Education meeting, the Strive HI Statewide Snapshot will be available on the hawaiipublicschools.org website with the complete set of metrics. School Strive HI reports will be available on school websites as well.

CMK:tu
Attachment

c: Office of Strategy, Innovation and Performance
   Office of Curriculum and Instructional Design
Presentation on School Performance Results for the 2018-2019 School Year

General Business Meeting
State of Hawaii Board of Education
October 3, 2019

Office of Strategy, Innovation and Performance
Office of Curriculum and Instructional Design
Academic Performance
3 Year Trends in Proficiency using State Averages by Subject

What is the student performance data telling us for SY 2018-19?

<table>
<thead>
<tr>
<th>Subject</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts</td>
<td>51%</td>
<td>55%</td>
<td>54%</td>
</tr>
<tr>
<td>Mathematics</td>
<td>43%</td>
<td>43%</td>
<td>43%</td>
</tr>
<tr>
<td>Science</td>
<td>46%</td>
<td>46%</td>
<td>44%</td>
</tr>
</tbody>
</table>
Achievement Gap
Analysis of 3 Year Trends in Average Performances: Side-by-Side High Need and Non-High Need Proficiency Rates
Achievement Gap
Analysis of 3 Year Trends for High Needs Subgroups: English Language Arts and Mathematics

2019 Inclusion rate: 44%
Increase of 3 points from last year and 7 point increase from baseline data in 2016.

English: performance of high needs population by subgroup type

Mathematics: performance of high needs population by subgroup type
Chronic Absenteeism/School Climate
Side-by-Side Analysis of School Environment

Chronic Absenteeism
State Average: 15%

Elementary: 13%
Middle: 14%
High School: 19%

School Climate
74% of students feel positive about their school

2017: 72%
2018: 73%
2019: 74%

18%
27%
26%
9%
College & Career Readiness
Indicators on AP participation & Dual Credit

How is the student performance data predictive of college and career readiness?

AP Participation*

*Preliminary Data

Dual Credit
College & Career Readiness
CTE Concentrators, Graduation Trends, College Going Rates

2019 College Going Rate: 55%
Math Empowerment Through Kākou

Access & application in:
- Problem solving discourse
- Empathetic understanding
- Rigorous and relevant mathematics

Physical & digital space for:
- Instructional and curricular resources that empower student voice
- Promising practices, systems and professional learning

Personalized:
- Student-centered coaching model
- Place-based applied learning
- Tier 2 instruction and intervention
Science in Transition

Formerly...

<table>
<thead>
<tr>
<th>Learning about</th>
<th>Figuring out</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teacher provides,</td>
<td>Teacher guides,</td>
</tr>
<tr>
<td>students receive</td>
<td>students synthesize</td>
</tr>
<tr>
<td>Discrete and</td>
<td>Scaffolded and</td>
</tr>
<tr>
<td>disconnected</td>
<td>interconnected</td>
</tr>
<tr>
<td>Narrow and</td>
<td>Inclusive and</td>
</tr>
<tr>
<td>prescribed</td>
<td>responsive</td>
</tr>
</tbody>
</table>

Shifting to...

NGSS-Aligned Learning and Assessments

- Connect to phenomena or problems
- Require reasoning using evidence
- Integrate three dimensions
Next Steps

➤ Use the gap analysis to inform targeted supports

➤ Ensure the alignment between the results, strategies and implementation

➤ Build and strengthen capacity to support complexes and schools

➤ Hawai‘i Board of Education Data Retreat November 7, 2019