



STATE OF HAWAII  
DEPARTMENT OF EDUCATION  
P.O. BOX 2360  
HONOLULU, HAWAII 96804

OFFICE OF THE SUPERINTENDENT

October 4, 2016

TO: The Honorable Lance A. Mizumoto  
Chairperson, Board of Education

FROM:   
Kathryn S. Matayoshi  
Superintendent

SUBJECT: Presentation on School Performance Results for 2015-2016 School Year

1. DESCRIPTION

The Department will be reporting on statewide school and student performance for the 2015-16 school year. Data being shared include information from the Strive HI performance system, Smarter Balanced Assessment, other assessments of student progress, and School Quality Surveys.

2. PRESENTATION

Deputy Superintendent Stephen Schatz and Assistant Superintendent Tammi Chun of the Office of Strategy, Innovation, and Performance will present school performance results from the 2015-16 school year.

KSM:TC:kp

Attachment

c: Office of Strategy, Innovation, and Performance

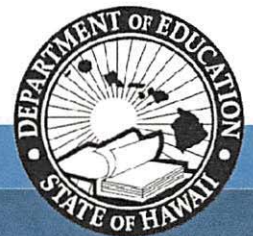


# School performance results for 2015-2016 School Year

General Business Meeting  
State of Hawaii Board of Education  
October 4, 2016

HAWAII STATE DEPARTMENT OF EDUCATION

[HawaiiPublicSchools.org](http://HawaiiPublicSchools.org)



# Why data & accountability?

Clear, high expectations for students, staff and schools so that ***all students are prepared for success in college, careers and citizenship.***

## **Strategic Plan (2012 Update)**

Goals 1 and 3: *Using data for instruction and decision making.*



## **Strategic Plan Review and Extension (2017-20)**

Draft Goal 3, Objective 2:

*Provide timely and user-friendly data to support strategic decision-making and accountability for student success.*

# Annual school-level reports

## **2015-16 reports now available:**

- Strive HI Accountability Reports\*
- Strive HI Student Group Performance Reports\*
- School Quality Survey\*\*

## **Forthcoming reports (by Dec 2016):**

- School Status and Improvement Reports\*\*
- Trend Reports

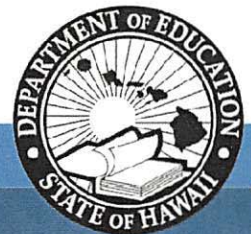
\* includes all charter schools \*\* includes select charter schools that choose to participate



# 2015-16 Overview



- More information – more transparency, more opportunities for action
- Historic milestone with Hawaiian education
- Continued progress on college readiness
- Continued need to support more students in demonstrating proficiency



# Multiple measures

*More than test results...*

	ELEMENTARY	MIDDLE	HIGH
ACHIEVEMENT	Proficiency rates in English Language Arts/Literacy (ELA), Mathematics & Science		
GROWTH	Student growth in ELA and Mathematics		
READINESS	Chronic Absenteeism rate	Chronic Absenteeism rate	<ul style="list-style-type: none"> <li>• College &amp; Career Readiness assessment (ACT, Grade 11)</li> <li>• Graduation Rate</li> <li>• 5-year Graduation Rate</li> <li>• College-going rate (within 16 months of graduation)</li> </ul>
ACHIEVEMENT GAP	Gap between high-needs students (low income, receiving special education services, English learners) and their non-high-needs peers		
OTHER "bonus categories"	<ul style="list-style-type: none"> <li>• Retention Rate</li> <li>• Advanced 3<sup>rd</sup> grade reading</li> </ul>	<ul style="list-style-type: none"> <li>• Algebra I coursetaking</li> </ul>	<ul style="list-style-type: none"> <li>• Chronic Absenteeism rate</li> <li>• Advanced coursetaking and/or completion of CTE pathway</li> </ul>

# Information = opportunities for action

- **New measures** this year:
  - Chronic absenteeism (middle & high schools)
  - Advanced student performance
  - 5-year graduation rates
  - Proficiency results based on Smarter Balanced Assessment, alternate assessment (for students with significant cognitive disabilities), **and** KAEO (Hawaiian language)
- **Due to transition to Every Student Succeeds Act**, this year no Index Score and no Classification, per BOE action on 3/1/2016



**School reports are posted:**

- to school pages ([bit.ly/HIDOEfinder](http://bit.ly/HIDOEfinder))
- in the reports database ([bit.ly/ReportFinder](http://bit.ly/ReportFinder))



# Milestone: Kaiapuni Commitment

## 2014:

- Board revised Policy 105-8: KA PAPA HANA KAIAPUNI: *Kaiapuni Educational Program provides students with Hawaiian bicultural and bilingual education.*
- HIDOE engaged UH-Manoa College of Education to develop Hawaiian language assessments — Kaiapuni Assessment of Educational Outcomes (KAEO)

	2013-14	2014-15	2015-16	2016-17
Language Arts	Gr 3 and 4 Development	Gr 3 and 4 Field Test	Gr 3 and 4 Operational Test	Gr 3 and 4 Operational Test
Mathematics	Gr 3 and 4 Development	Gr 3 and 4 Field Test	Gr 3 and 4 Operational Test	Gr 3 and 4 Operational Test
Science		Gr 4 Development	Gr 4 Field Test	Gr 4 Operational Test



# Milestone: Kaiapuni Commitment

## 2015:

- US Department of Education approved waiver from statewide assessments for all students (Smarter Balanced) for grades 3 and 4 students taking KAEO in language arts and mathematics (aka “double testing waiver”).

## 2016:

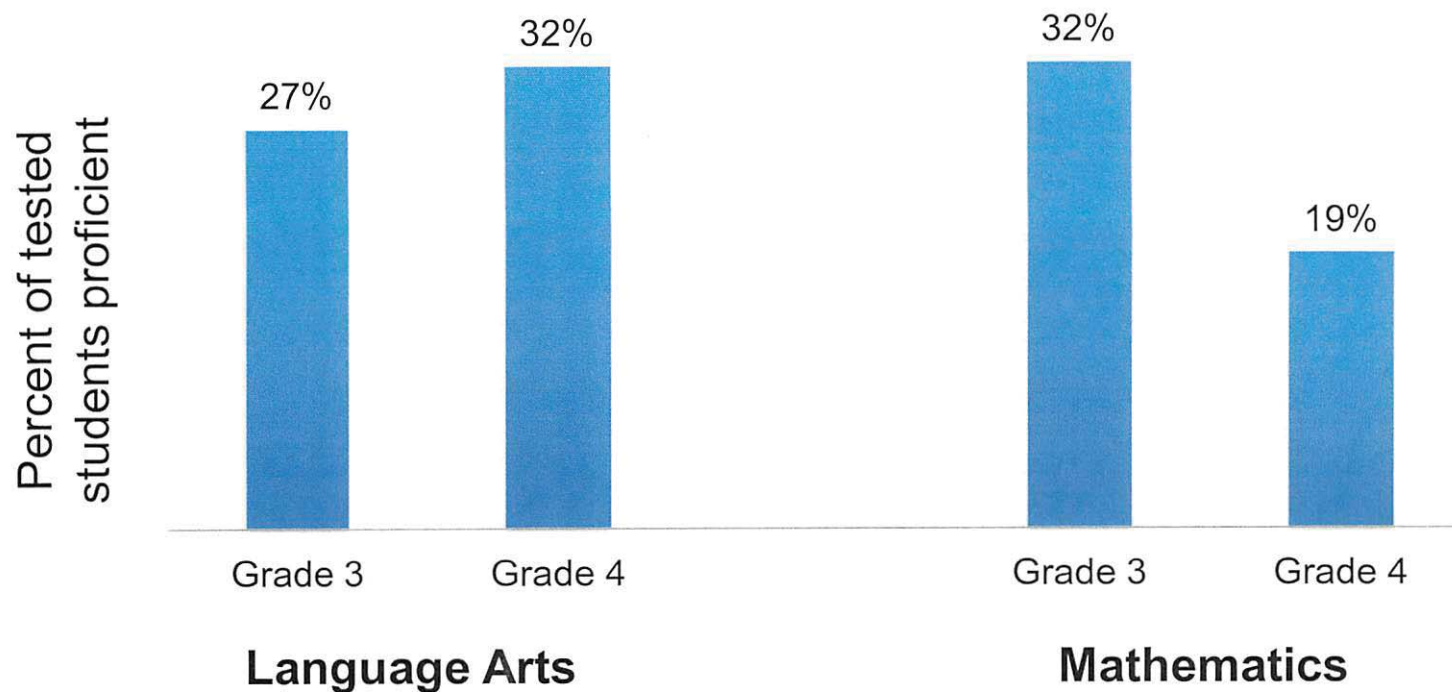
- Operational tests for grades 3 and 4 language arts and mathematics.
- **KAEO results included in Strive HI** (along with Smarter Balanced Assessment results and alternate assessments on students’ academic proficiency).
- Forthcoming: Family reports on KAEO results.



# Milestone: Kaiapuni



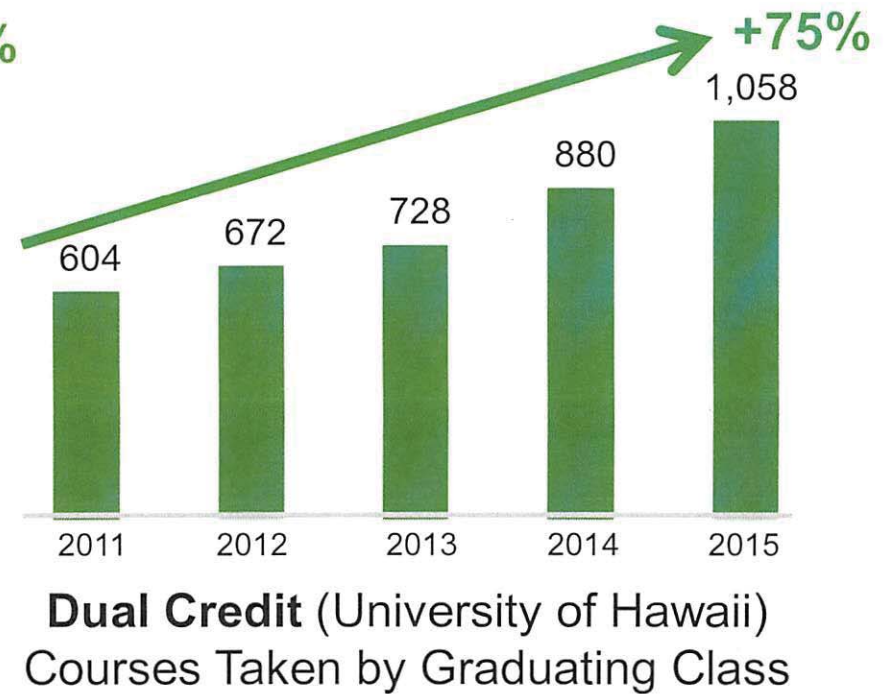
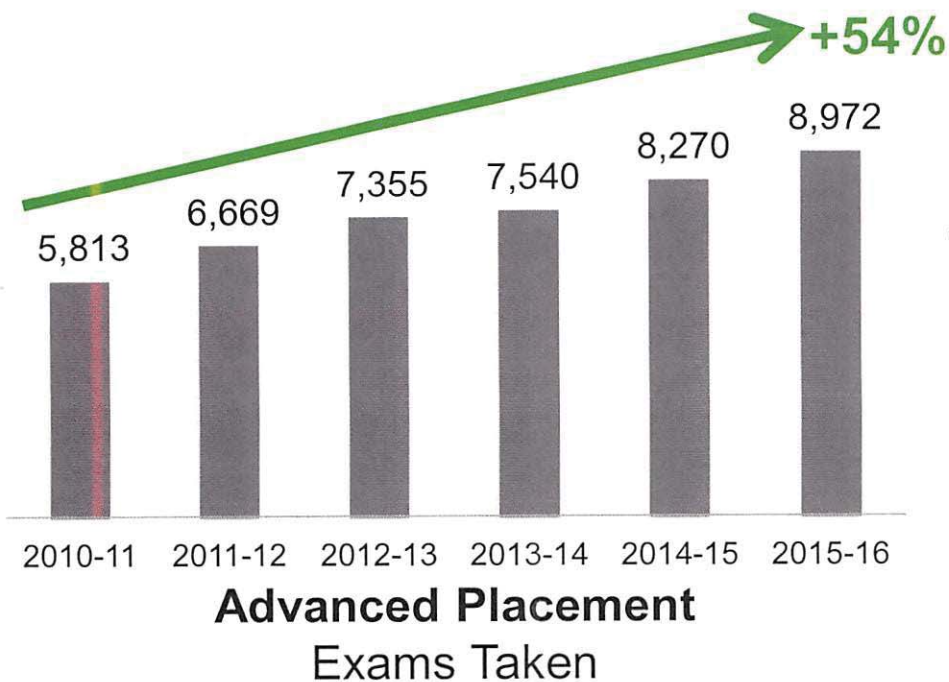
*First KAE0 administration provides baseline measure of Kaiapuni students on challenging standards*



N=531



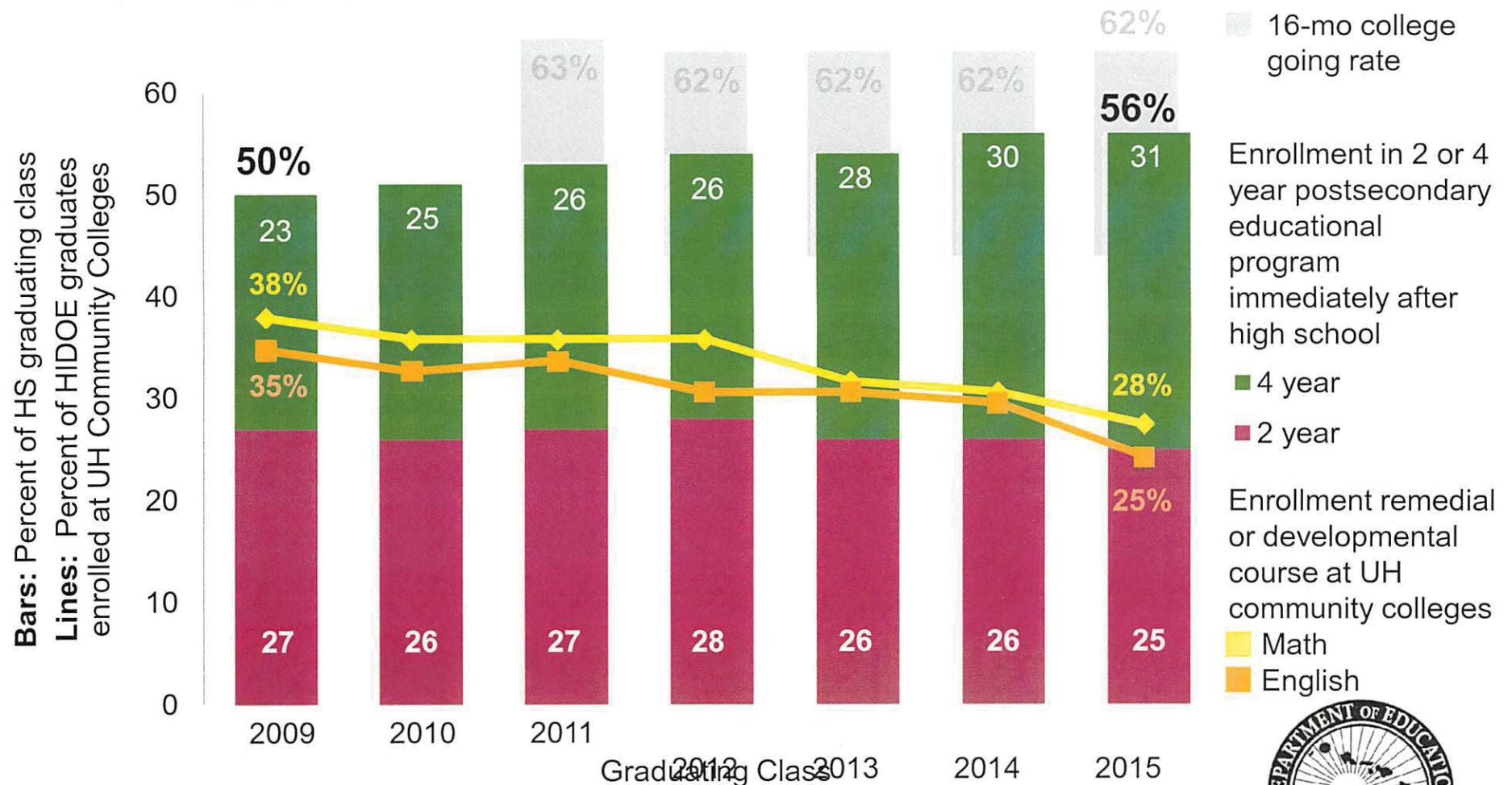
# Advanced coursetaking



**41%** of 11<sup>th</sup> & 12<sup>th</sup> graders took advanced courses that demonstrated their college and career readiness

*(earned C or better in AP, International Baccalaureate, and/or UH courses, OR completed pathway of courses to be a Career Technical Education Concentrator)*

# College enrollment, remediation



# Smarter Balanced



Measures progress toward academic targets of  
**Hawaii Common Core**

- Adopted in 2011
- Supported by professional development, quality instructional materials, and targeted interventions
- Benchmarked internationally

Provides quality tool to **measure students' progress toward 21<sup>st</sup> century expectations:**

- Critical thinking
- Problem solving
- Analytical writing



# Smarter Balanced



- Given in **17 states and territories** in 2016
- **Created by educators** – more than 3,000 (including Hawaii educators) participated in the development and setting of standards
- **Recognized by nearly 200 colleges or universities** for placement into college-level courses (78% of institutions where Class of 2015 enrolled)
- Administered first in 2015



# Smarter Balanced



- ✓ *Reports whether students are on-track* for success on more rigorous Common Core standards.
- ✓ *Assesses more than just reading.* **English Language Arts and Literacy** also includes Listening, Writing, and Research/Inquiry.
- ✓ ***More than multiple choice.*** Measures **application of knowledge.** Includes performance tasks to assess students' learning.
- ✓ *Provides a more accurate score.* **Computer-adaptive**, using students' performance to determine difficulty of test questions.
- ✓ *Includes optional interim tests, practice tests, and Digital Library* of online **instructional and professional learning resources** developed by teachers (including Hawaii's teachers).
- ✓ ***Untimed.*** Students take as much time as they require.

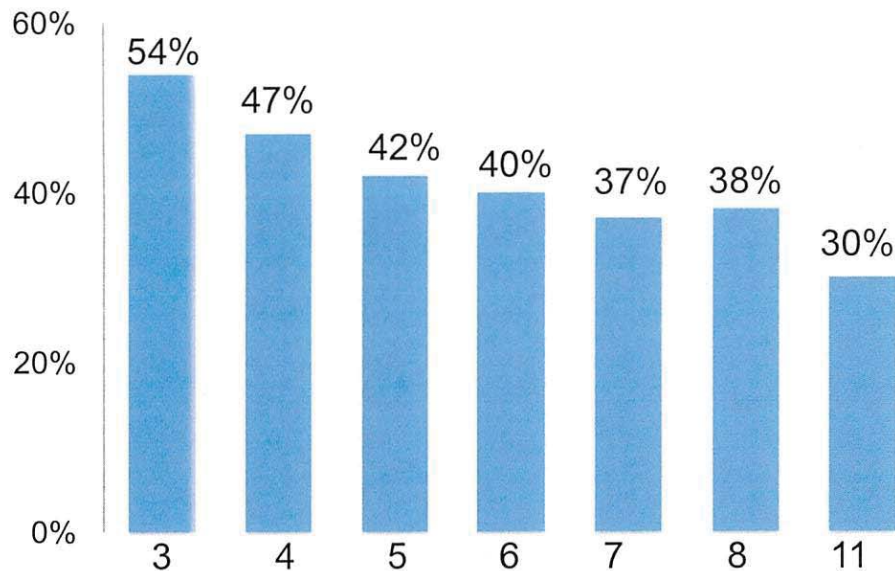


# 2016 results



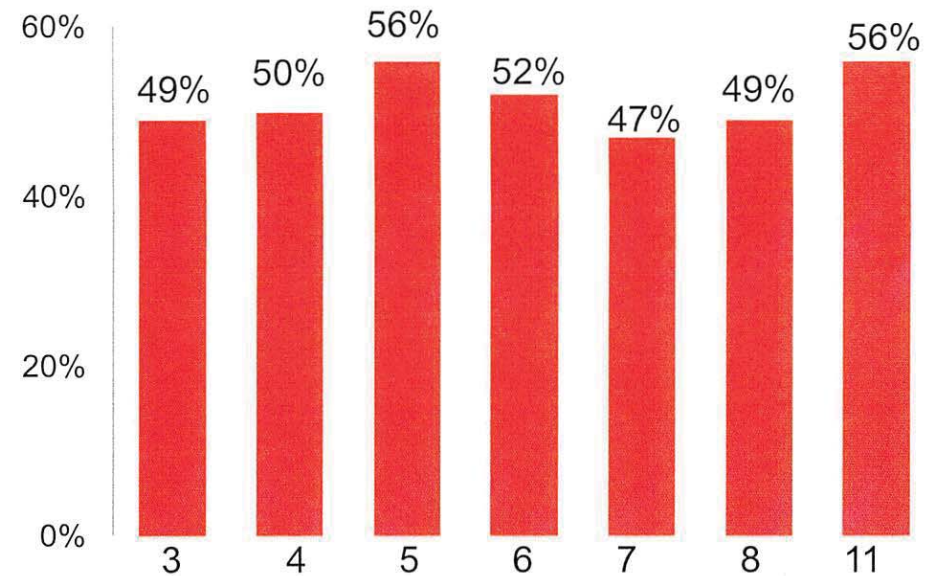
Percent met achievement standard, by grade level

## Mathematics



**Overall: 42%**  
n=90,786

## English Language Arts/Literacy



**Overall: 51%**  
n=90,755



# 2016 vs 2015

*Percent met achievement standard,  
by grade level in 2016 compared with 2015*

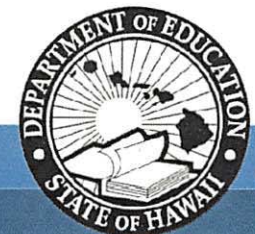
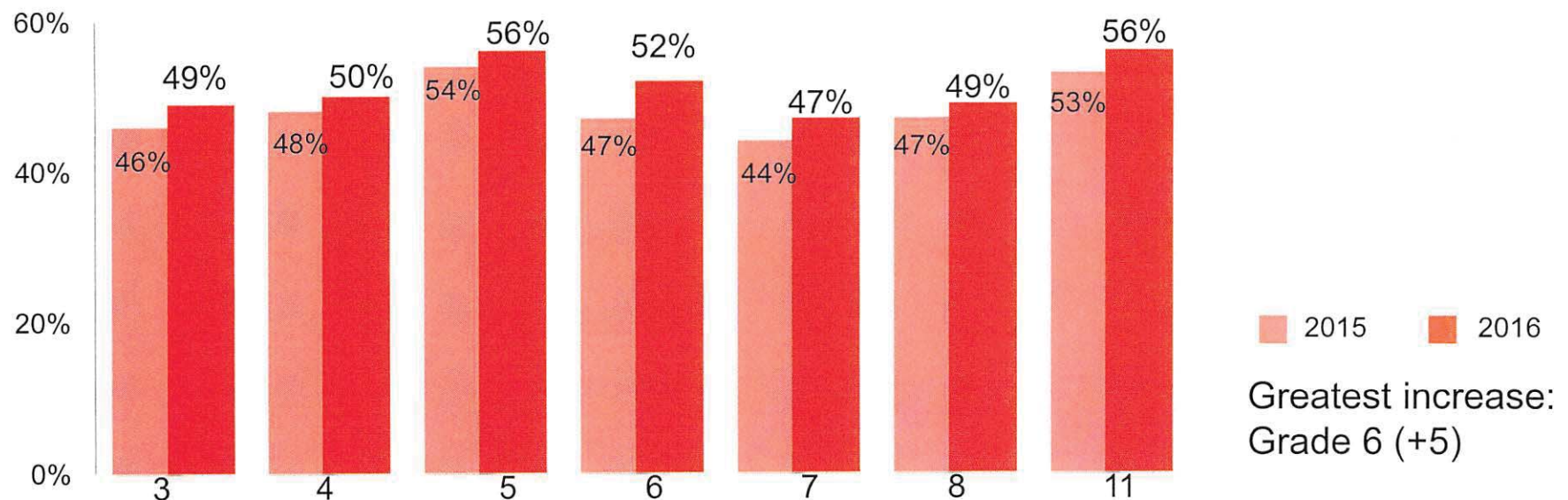


## English Language Arts/Literacy

**Overall:**

**2015: 48%**

**2016: 51%**



# 2016 vs 2015

*Percent met achievement standard,  
by grade level in 2016 compared with 2015*



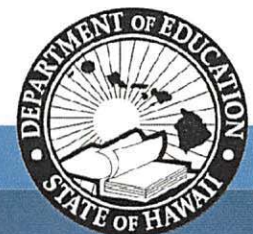
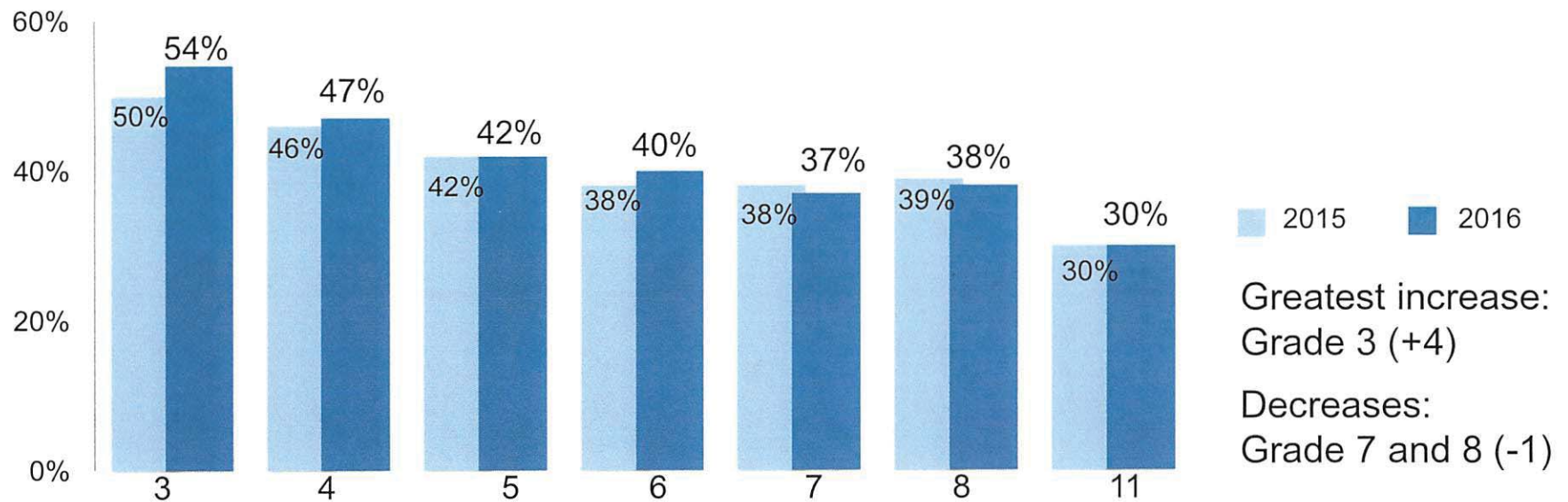
**Overall:**

**2015: 41%**

**2016: 42%**



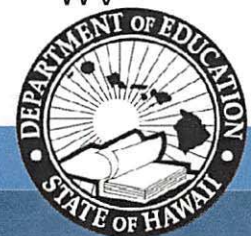
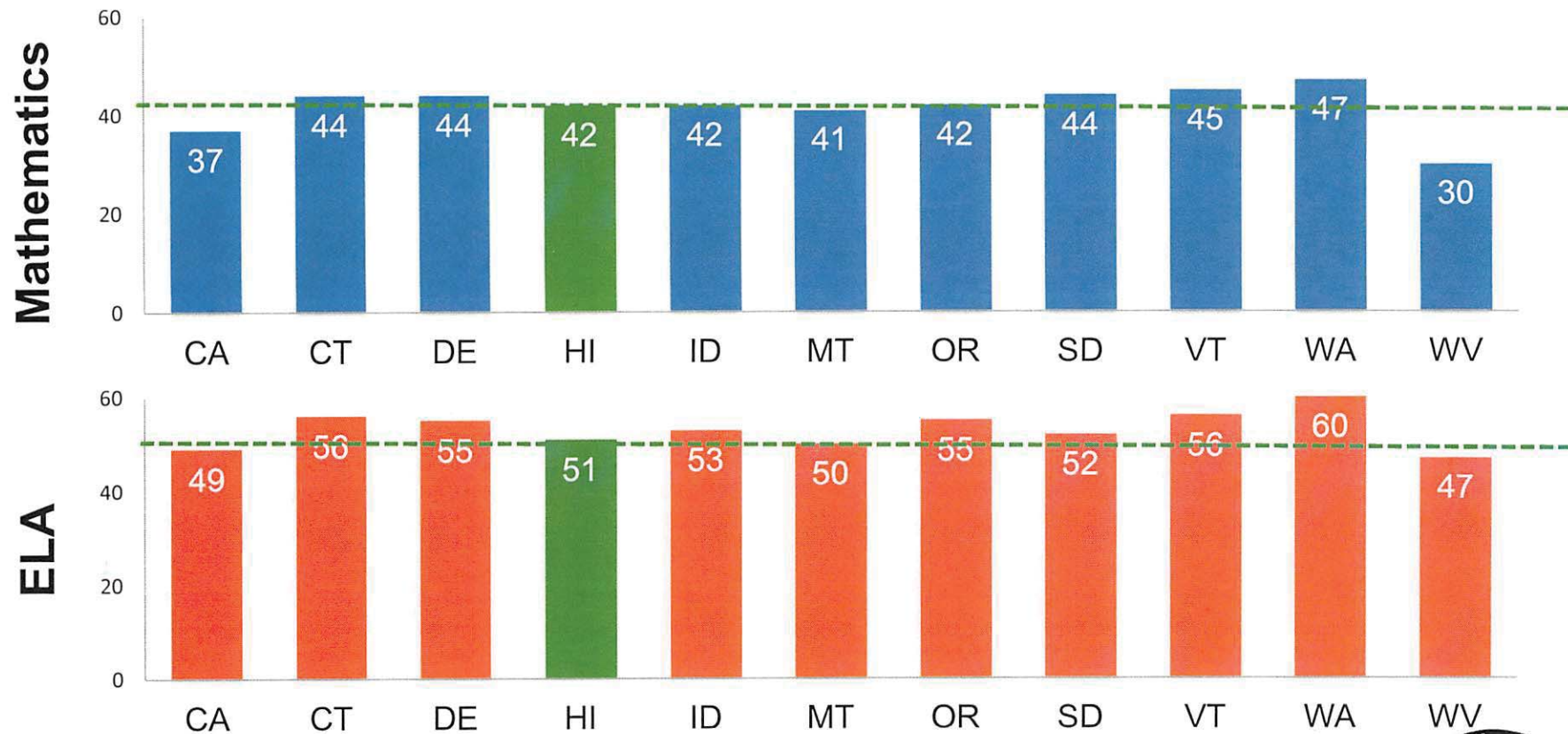
## Mathematics



# State comparisons



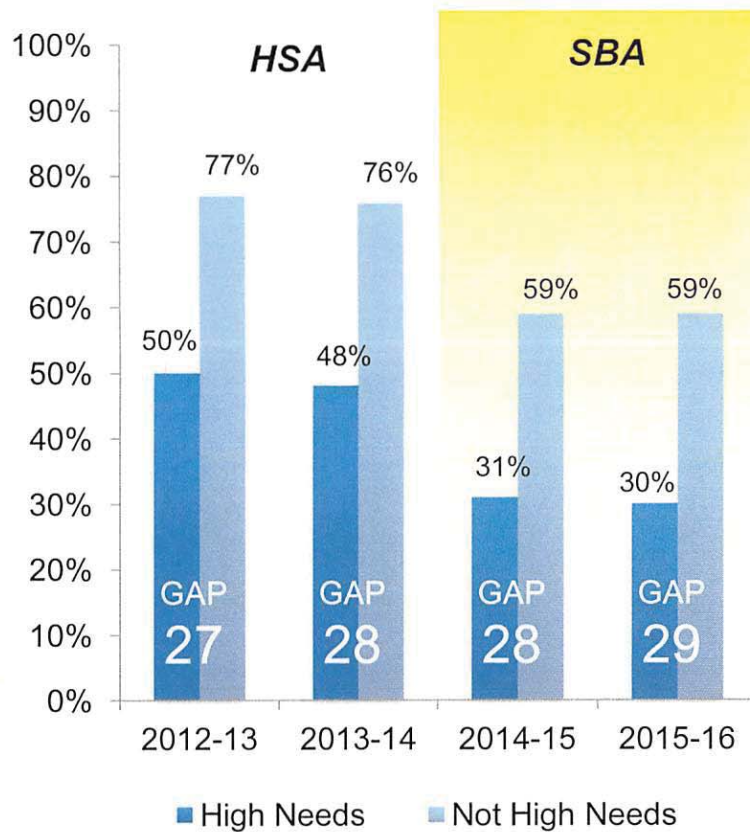
*Percent met achievement standard, grades 3-8 (as of 9/30)*



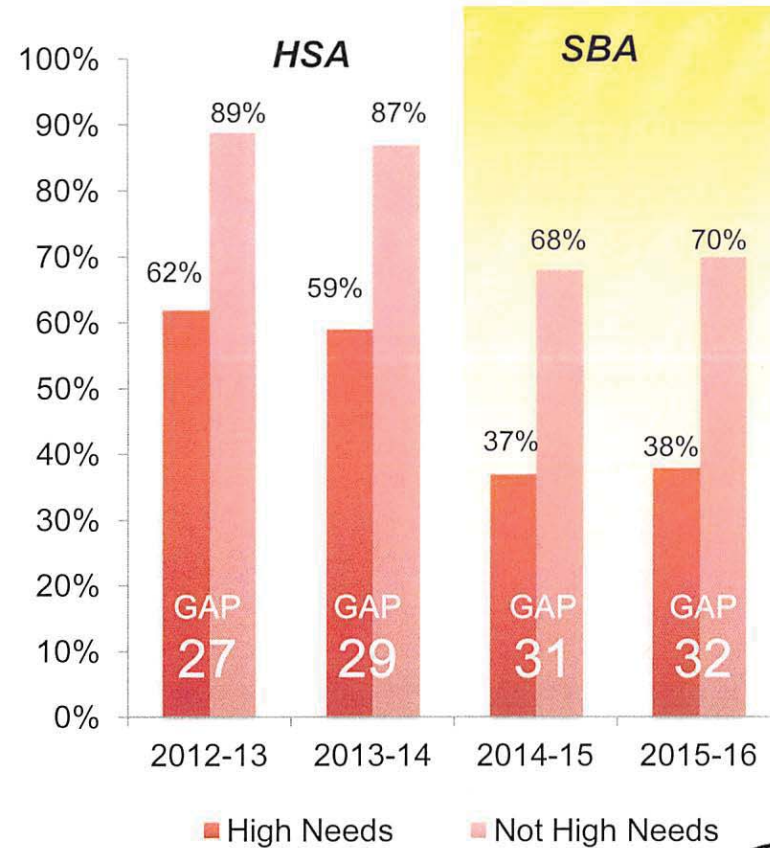
# Achievement gap



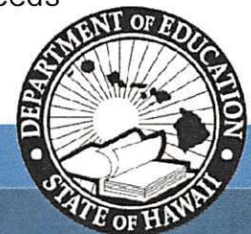
Performance differential for high-needs students (low income, special education, English learners):  
Percent of students proficient (HSA) or met achievement standard (SBA)



Mathematics

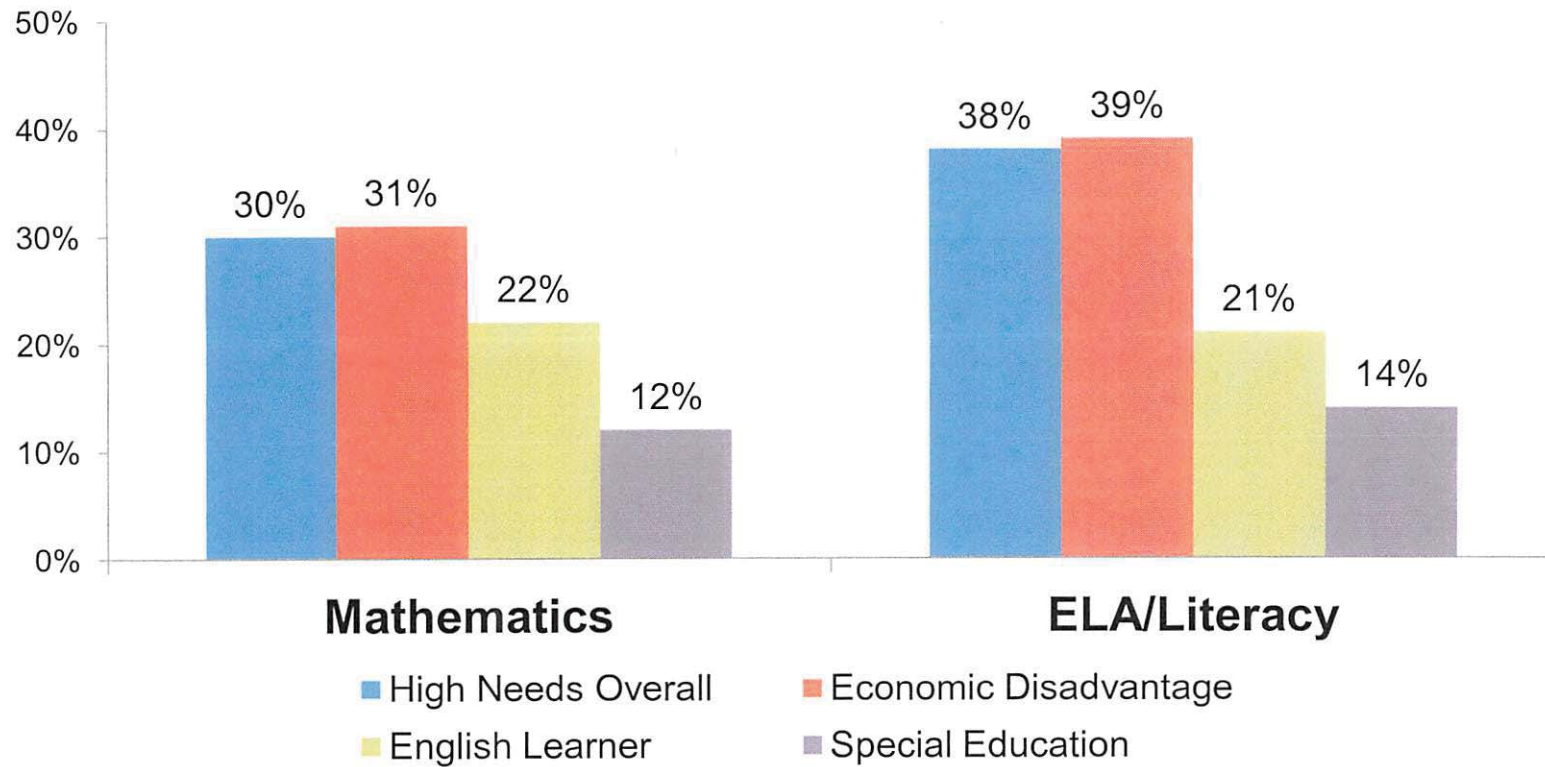


ELA/Literacy



# Achievement gap

Performance by student group.



# Analysis



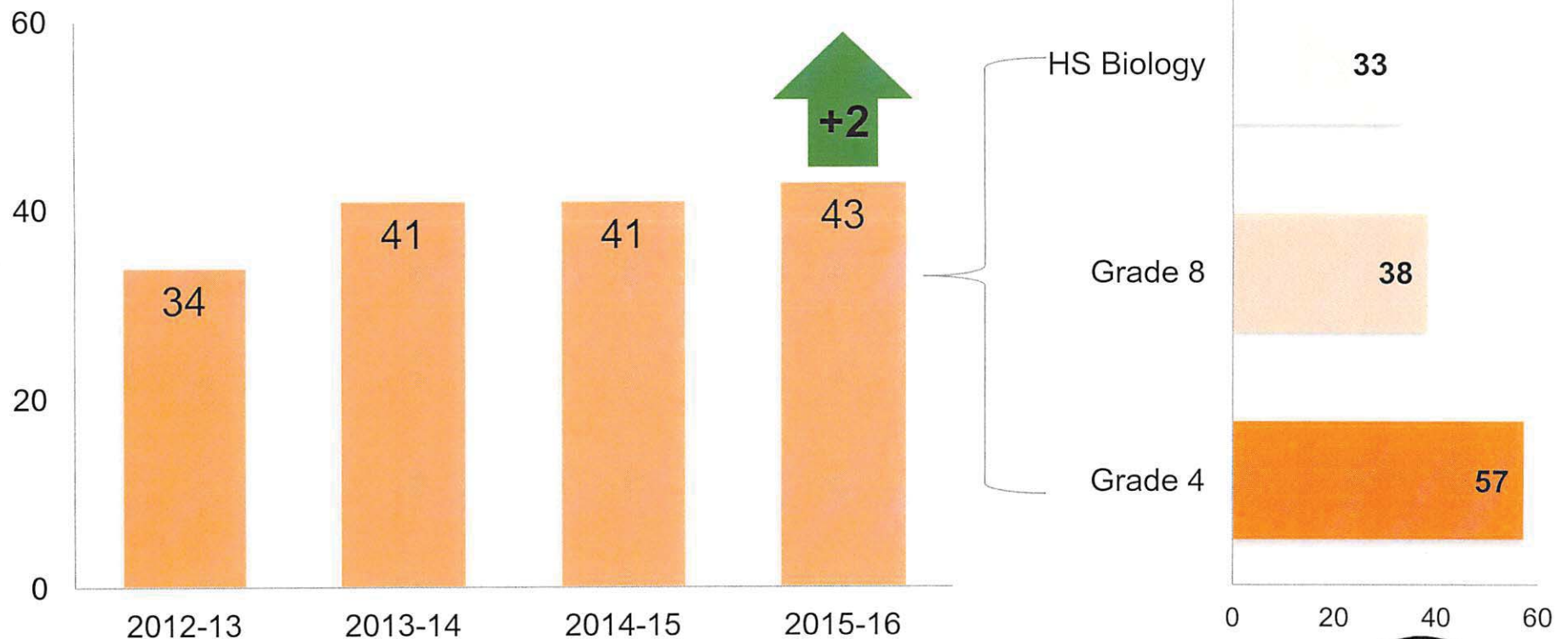
- **Overall achievement confirms that we are on the right track but need to increase pace of improvement** and focus on instructional strategies and support for high needs students
  - Results varied by school, grade level and subject
  - 5,756 high school seniors are eligible to use their Smarter Balanced scores for placement into college level courses
- **Early reading development** important as a foundation for learning.
- **Need to review mathematics** materials and professional development particularly for middle school.
- Teacher preparation and ongoing professional development, especially in mathematics, continues to need attention



# HSA Science 2016 results

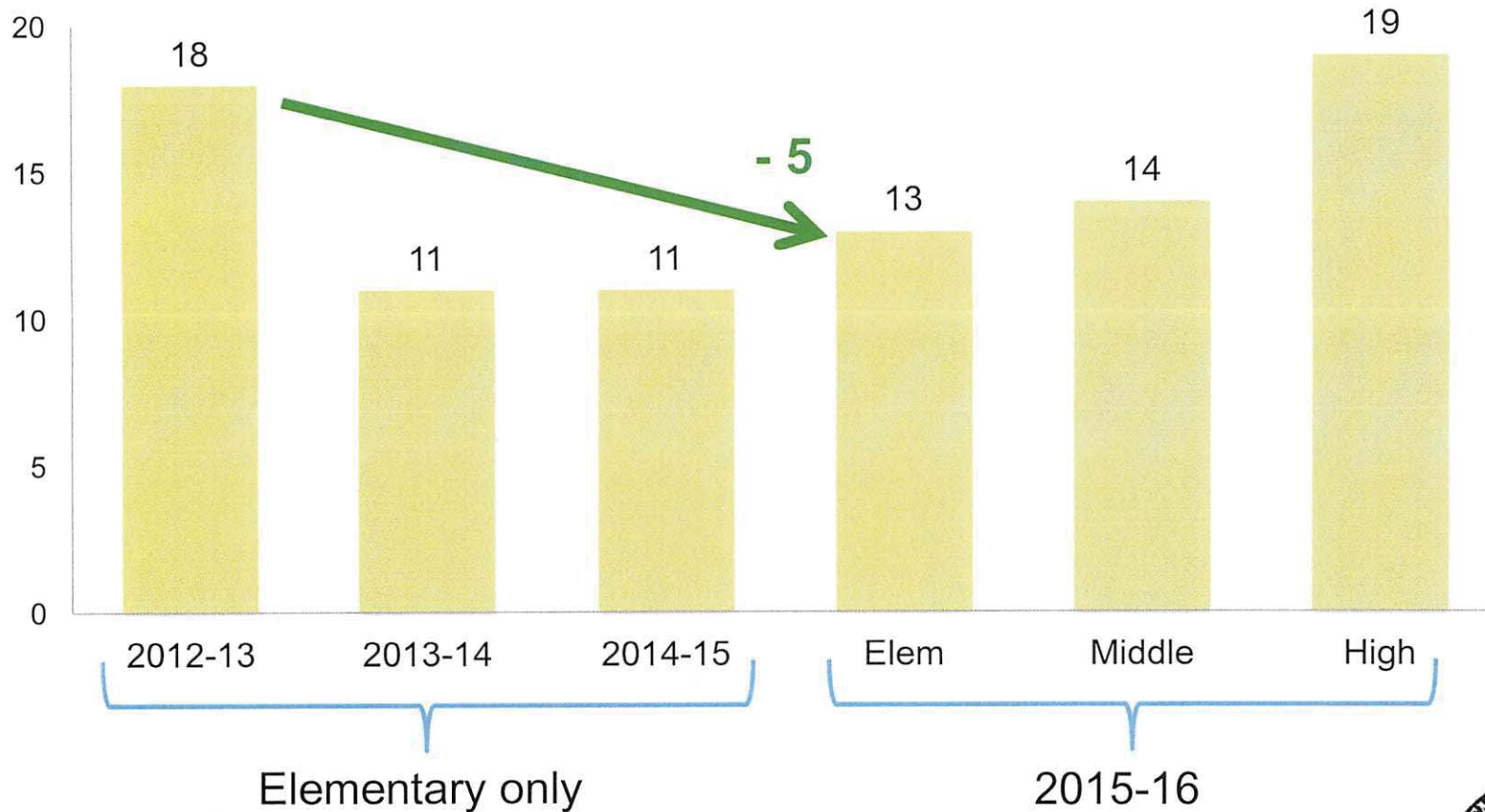


*Percent of students demonstrating proficiency on the Hawaii State Assessment in Science*



# Chronic absences

*Percent of students out of school for more than 15 days*





Our Students • Our Future • Our Promise

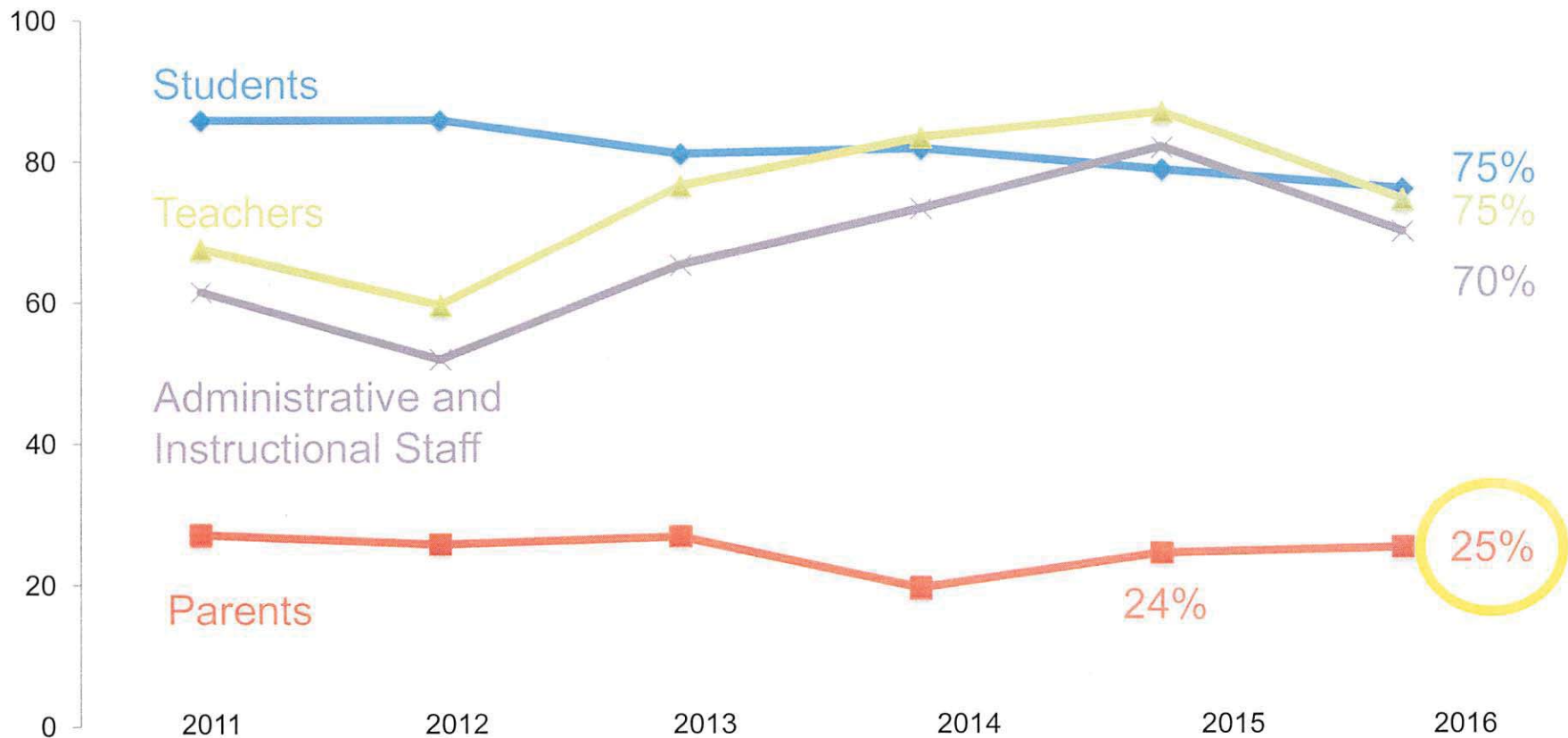
## STATEWIDE SNAPSHOT

			2014-15	2015-16
Achievement	MATH: Percent Meeting Achievement Standard		41%	42%
	ELA: Percent Meeting Achievement Standard		48%	51%
	SCIENCE: Percent Proficient on HSA		41%	43%
Growth	<i>Not applicable at state level (state is median)</i>			
Readiness	ELEM	Chronic absenteeism	11%	13%
	MIDDLE	Chronic absenteeism	--	14%
	HIGH	11 <sup>th</sup> Grade ACT	39%	39%
		Graduation rate	82%	82%
		College-going rate	62%	62%
		5-year graduation rate	--	83%
Achievement Gap	MATH: Gap between High Needs Students & peers		28 pts	29 pts
	ELA: Gap between High Needs Students & peers		31 pts	32 pts
Other	ELEM	Retention Rate	--	0
		3 <sup>rd</sup> Grade Advanced Reading Enrollment	--	24%
	MIDDLE	Algebra I Enrollment	--	23%
	HIGH	Chronic Absenteeism	--	19%
		Advanced Coursework/CTE	--	41%



# School Quality Survey (SQS)

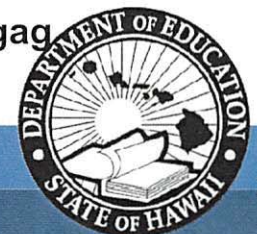
*Percent of role group returning surveys*



# SQS Feedback

*Percent reporting positive ratings*

2015 2016



# Reports available online

[bit.ly/ReportFinder](http://bit.ly/ReportFinder)

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Year(s) Document Type Level Area of Interest

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