

General Business Meeting

April 15, 2013

April System Scorecard

Superintendent's Report

Hawaii Department of Education System Scorecard Overview

Introduction

The Scorecard grew out of the Board of Education's 2012 update to the 2011-2018 strategic plan, which outlined a series of desired outcomes, organized under three major goal areas:

- 1) Student Success
- 2) Staff Success
- 3) Successful Systems of Support

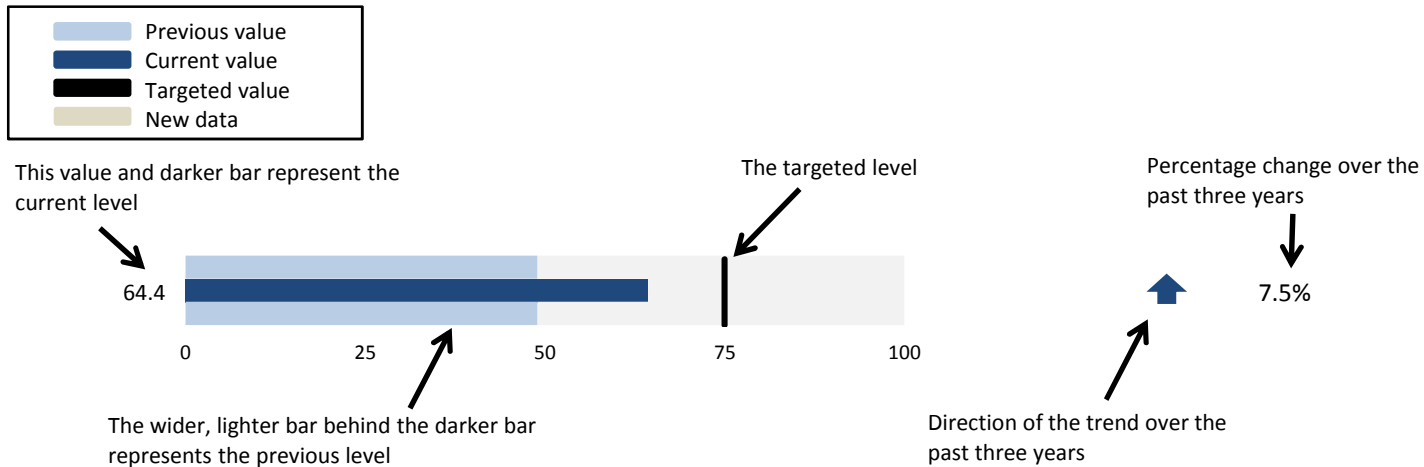
The Department of Education aims to measure progress against each of these outcomes and summarize that progress in this document. The document contains all the metrics for which we currently have data.

Guide

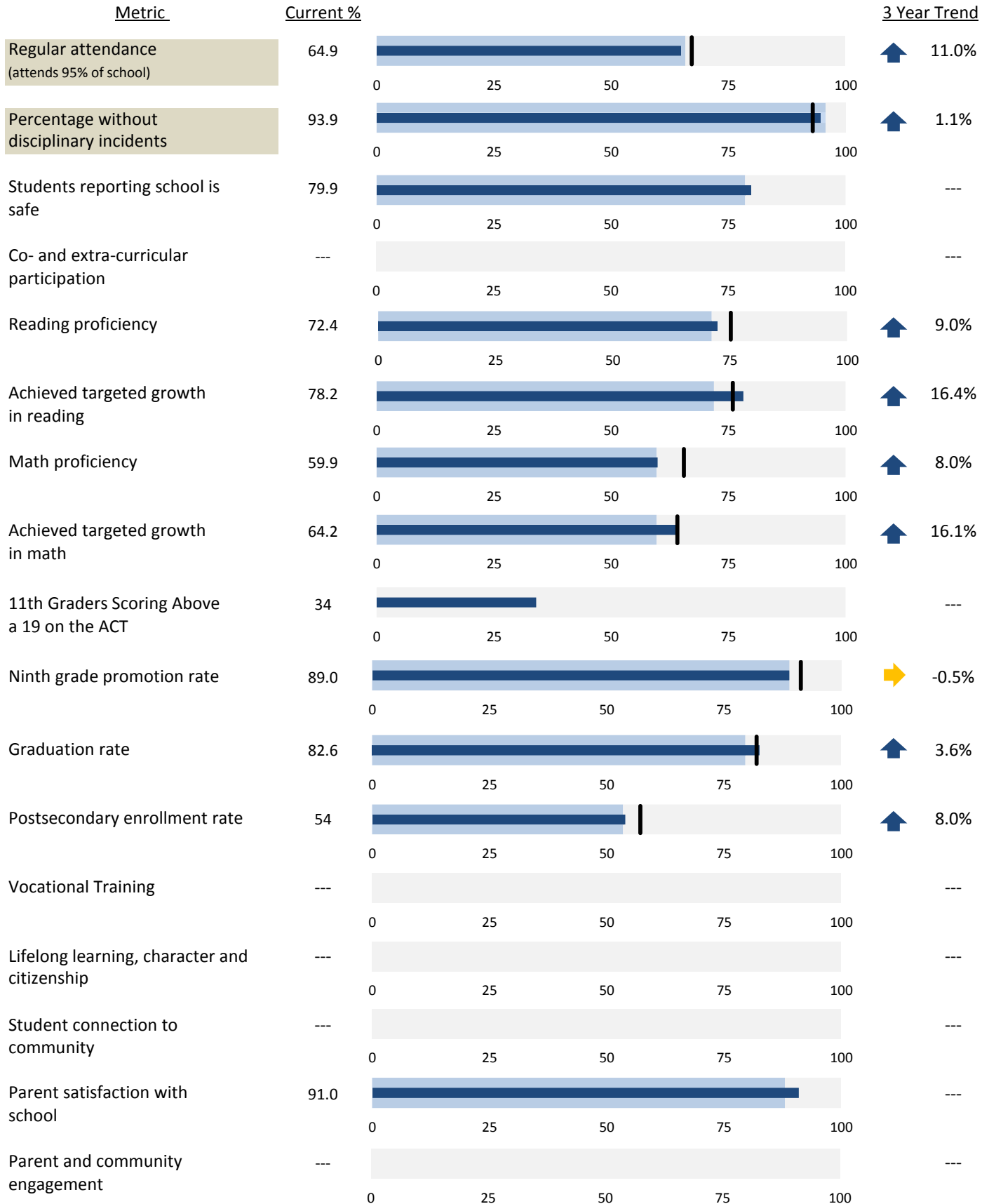
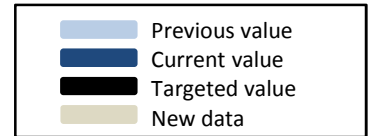
Each metric is presented as a chart with several data points represented on the same figure and have several specific characteristics:

- All are scaled from 0-100% for ease of comparison
- The most current value is represented by the darker colored bar and is labeled just to the left of the chart
- The past value is represented by a wider, lighter bar behind the darker bar
- The targeted value for the upcoming year is represented by the vertical black bar
- The change over the past three years is also represented as a percentage and with an arrow indicating the direction of the change

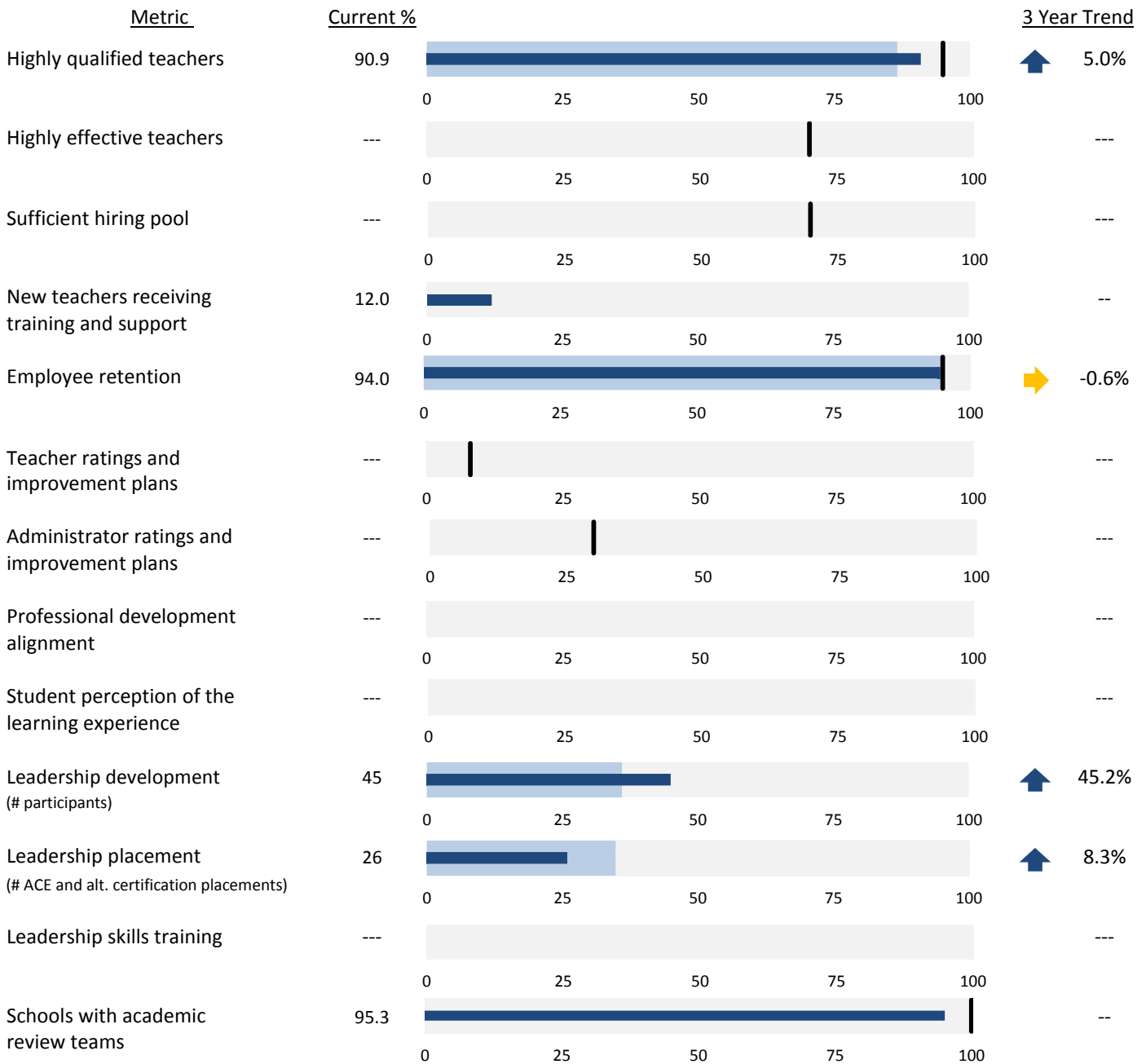
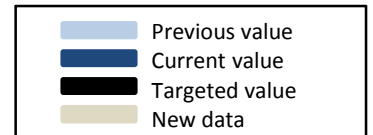
Because data are available at varying frequencies the data presented are not all from the same year, but the "current" value represents the most recent data that are available, and the previous value represents the value from the previous reporting period.



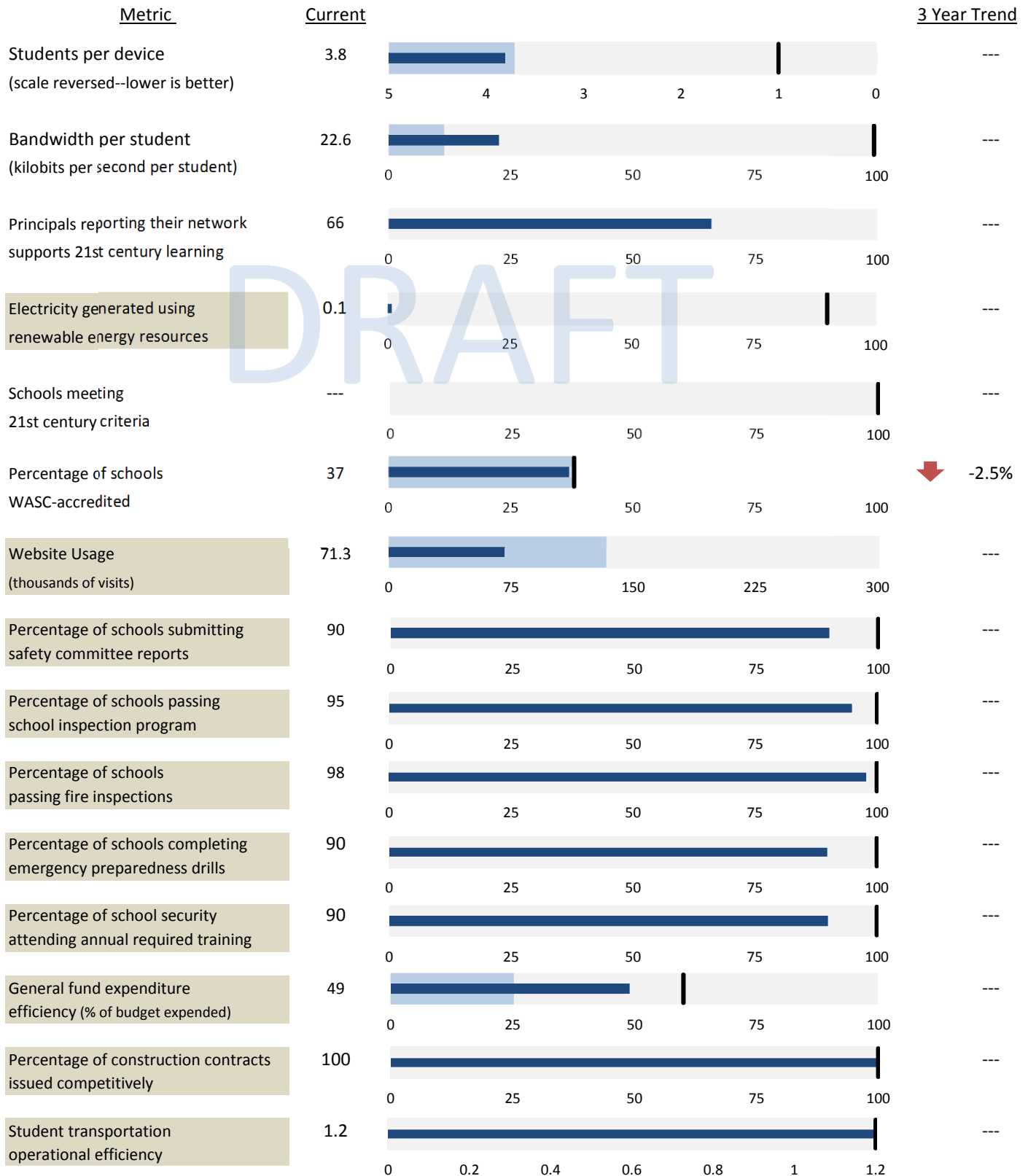
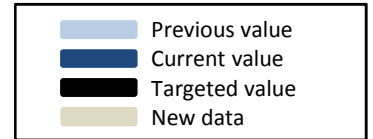
Goal 1: Student Success



Goal 2: Staff Success

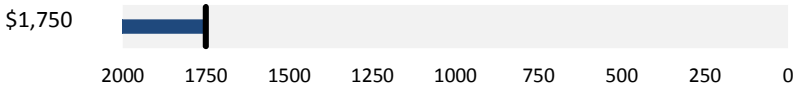


Goal 3: Successful Systems of Support



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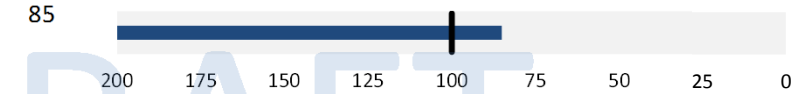
Student transportation cost efficiency per student (\$)



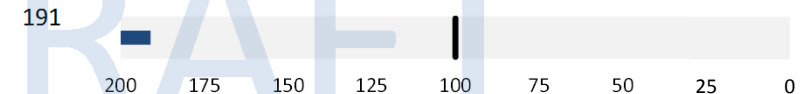
Outstanding work order response time: State (%)



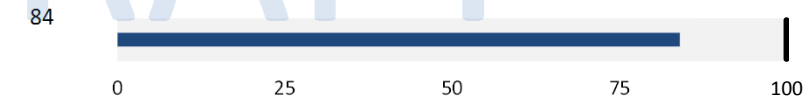
Outstanding work order response time: DOE (%)



Outstanding work order response time: DAGS (%)



Educational officers reporting the the DOE is on the right course (%)



Educational officers reporting they understand the Strategic Plan (%)



Parents receive timely & appropriate communication from schools



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Definitions

Goal 1: Student Success

Metric	Definition	Data Frequency	Note
Regular Attendance	The percentage of K-12 students in the state who have missed less than five percent of the school year. This equates to nine days over the entire school year.	Monthly	<p>Current data are taken from the first of the month, and are compared with the previous month's data.</p> <p>However, data will be recalculated at the end of the year to provide schools with an annual account of their attendance. These annual numbers will be the basis for three year trend reporting.</p>
Percentage without disciplinary incidents	The percentage of students in the state who have no Class A, B or C incidents to date.	Monthly	<p>Current data are taken from the first of the month, and going forward will be compared with the previous month's data.</p> <p>However, data will be recalculated at the end of the year to provide schools with an annual account of their attendance. These annual numbers will be the basis for three year trend reporting.</p>
Students reporting that school is safe	Percentage of students who respond positively (by stating they "strongly agreed") to questions in the "Student Safety and Well-Being" dimension on the School Quality Survey	Annually, each summer	<p>Stakeholder input was received, and subsequently, the SQS Advisory Committee recommended a number of changes to each survey type. When reviewing findings, prior years' results should not be compared with results from the 2012 version.</p> <p>As such, trend data will not be reported until data are comparable and targets will not be available until 2013-14 when the data can be benchmarked.</p> <p>2013 response rate was 80.8%</p>
Reading proficiency	The percentage of all students in department schools who scored "proficient" or better on the Hawaii State Assessment in reading	Annually, each summer	Data can be found at the arch.k12.hi.us/datacenter/adc
Students achieving targeted reading growth	The percentage of students who achieved at least the minimum necessary reading growth to score above or stay above proficiency within four years or by eighth grade (whichever comes first).	Annually, each summer	

Definitions

Goal 1: Student Success

Metric	Definition	Data Frequency	Note
Math proficiency	The percentage of all students in department schools who scored "proficient" or better on the Hawaii State Assessment in math	Annually, each summer	Data can be found at the arch.k12.hi.us/datacenter/adc
Students achieving targeted math growth	The percentage of students who achieved at least the minimum necessary math growth to score above or stay above proficiency within four years or by eighth grade (whichever comes first).	Annually, each summer	
Eleventh graders scoring at or above 19 on the ACT	Proportion of 11th grade students who scored above a composite score of 19 or higher	Annually	University of Hawaii research finds that students achieving a 19 on the ACT are prepared for college-level courses in the University of Hawaii System. Targets will be set once there is sufficient historical data from all students.
9th Grade promotion	Percentage of ninth grade students in department schools who advance to tenth grade the following year	Annually	
Graduation rate	Percentage of high school students who complete high school in a department school within four years of their 9th grade entry date. This follows the required "Adjusted Cohort Graduation Rate" methodology that is required by the US Dept. of Education.	Annually	Preliminary data are available in the Fall, but official data are available in late summer. Data can be found in the trend report at: http://arch.k12.hi.us/school/trends/trends.html Finalized graduation rate data are available in August of the following summer in the No Child Left Behind (NCLB) AYP 37 Cell Reports and the NCLB Accountability Reports, also at http://arch.k12.hi.us

Definitions

Goal 1: Student Success

Metric	Definition	Data Frequency	Note
Postsecondary enrollment rate	Percentage of Hawaii high school graduates that are enrolled in National Student Clearinghouse participating postsecondary institutions the Fall after high school graduation.	Annually, each Fall	<p>This enrollment rate is considered a lower bound of the true statistic as there are several factors that may lead to undercounting. Students are matched by name, gender and date of birth, so those with data entry errors may not be counted. Additionally, the NSC data cover roughly 96% of the nation's postsecondary institutions, which means that any Hawaii graduates that attend non-participating schools will not be counted. Collectively, it is estimated that these limitations may undercount the true postsecondary enrollment rate by about six percentage points.</p> <p>More information is available at: http://www.p20hawaii.org/indicators_report.html</p> <p>Data credit: Hawaii Data Exchange Partnership</p>
Family satisfaction with school quality	Percentage of parents who respond positively (by stating they "strongly agreed") to questions in the "Family Satisfaction" dimension on the School Quality Survey	Annually, each June	<p>Stakeholder input was received, and subsequently, the SQS Advisory Committee recommended a number of changes to each survey type. When reviewing findings, prior years' results should not be compared with results from the 2012 version.</p> <p>As such, trend data will not be reported until data are comparable and targets will not be available until 2013-14 when the data can be benchmarked.</p> <p>2012 parent response rate was 26.8%</p>

Definitions

Goal 2: Staff Success

Metric	Definition	Data Frequency	Note
Highly qualified teachers	Percentage of all teachers deemed highly qualified according to federal standards. A teacher who holds at least a bachelor's degree, has obtained full state certification, and has demonstrated knowledge in the core academic subjects he or she teaches is designated highly qualified.	Annually	More information here: http://goo.gl/xJovQ
Beginning teachers receiving training and support	Percentage of first year teachers who reported meeting with a mentor for at least one hour, four times per month	Annually	Data from beginning teacher survey, which began in 2012-13. Targets begin in 2014-15.
Employee retention	Percentage of Hawaii Department of Education employees employed on Oct. 1st who separated from the department during the school year.	Annually	The Oct. 1st count excludes charter employees, student helpers and 89 day hires, but includes all other employees regardless of status. Separations due to death, retirement, never appearing for work and leaving to take another DOE position are not included.
Leadership development	The number of participants in the Administrator Certification for Excellence (ACE) program as well as the Alternative Certification for School Administration program which both identify and train beginning school administrators.	Annually, each January	Targets begin in 2014-15.
Leadership placement	The number of ACE program and Alternative Certification program participants who earn either a full, temporary or provisional Initial School Administrator Certificate and then become vice principals in department schools.	Annually, each January	The first cohort of vice principals from the Alternative Certification program will enter schools in 2013-14 and will be reflected then. Targets begin in 2013-14.
Schools with academic review teams	Percentage of schools implementing Academic Review Teams as reported by Complex Area Superintendents	Quarterly	

Definitions

Goal 3: Successful Systems of Support

Metric	Definition	Data Frequency	Note
Students per device (scale is reversed-lower is better)	The total number of students divided by computer totals per school	Semi-annually	Data represent the median school responding to the SBAC survey
Bandwidth per student (kilobits per second per student)	<p>The metric is calculated by dividing the total internet bandwidth available to the department by the total number of students</p> <p>10Kbps of bandwidth per student would be equivalent to having all students in the state being online at the same time, with each student being able to receive one typewritten page of text per second. Actual bandwidth demands for online assessments (e.g. Smarter Balanced Assessment) will depend on the media included in the tests. For example, one English language proficiency test may include recorded audio and a speaking component, which captures oratory responses. This type of media can increase the bandwidth requirement. We currently estimate that the online assessments will require 10–20 Kbps per student. Source: The Smarter Balanced Technology Strategy Framework and Testing Device Requirements.</p>	Quarterly	Total internet bandwidth (4 Gbps) divided by total number of students (183,273 from 2013-14 official enrollment count)
Principals reporting their network supports 21 st century learning	Percentage of principals rating the school's network in supporting 21st century learning environments as adequate or higher	Semi-annually	Data come from the Enterprise Infrastructure Services Branch survey to school principals
Electricity generated using renewable energy resources	Percent of total electricity generated using renewable energy resources	Annually	The metric quantifies the Department's energy sustainability efficiency and allows the Department to be in compliance with BOE's sustainability policy 6710, which stipulates the DOE use 90% renewable energy resources by 2040
Schools meeting 21 st century criteria	Percentage of schools meeting 21 st century schools facility criteria	Quarterly	Currently, there are no national standards for 21 st Century Schools or metrics thereby to measure them. We will continue to engage with national councils as these develop. Once the metrics are created, we will review the Targets and metrics to align with the national standards.

Definitions

Goal 3: Successful Systems of Support

Percentage of schools WASC-accredited	Percentage of all department schools that have received accreditation from the Western Association of Schools and Colleges	Annually, each Fall	
Website Usage (thousands of visits)	The number of visits during the previous month to the official DOE webpage: HawaiiPublicSchools.org	Monthly	
School facilities that meet safety, security, and emergency preparedness requirements	Percentage of schools submitting safety committee reports	Annually	The Target and metric relating to safety and security are key metrics for ensuring strategic deployment of resources to support student and staff success.
	Percentage of schools passing school inspection program	Annually	
	Percentage of schools passing fire inspections	Annually	
	Percentage of schools completing required safety, security, and emergency preparedness drills and updated emergency plans.	Annually	
General Fund Expenditure Efficiency	Percentage of school security attending annual required training.	Annually	Targets are set quarterly for orderly and consistent expenditure of budget. Targets: Q1: 33%; Q2: 60%; Q3: 80%; Q4: 99%
	General funds expended (expensed/encumbered) divided by annual general fund budget appropriation	Quarterly	
Construction contracts issued competitively	Percent of construction contracts awarded competitively	Quarterly	The metric informs on competitive procurement for Capital outlay expenditures. The metric does not include Purchase Order contracts, but does include design consultants
Efficient deployment of student transportation	Operational efficiency = Number of buses deployed per 100 students transported.	Quarterly	The metric relating to transportation is a key metric for ensuring strategic deployment of resources to support student and staff success. It effectively measures the efficiency of the system informing how bus assets are utilized, routing techniques, bell schedule policies, and overall program cost.
	Cost efficiency= Total cost divided by number of riders.	Quarterly	

Definitions

Goal 3: Successful Systems of Support

Outstanding work order response time (State, DOE, DAGS)	Percentage of outstanding work orders relative to inflow.	Quarterly	The metric tells us the current steady state of our responsiveness to emergency and routine maintenance, which are critical for the day-to-day functioning of the school. The metric is calculated by dividing the number of outstanding work orders versus three weeks of incoming work orders. Target is less than 100%.
Educational Officers reporting that the DOE is on the right course	Percentage of Educational Officers reporting that they "strongly agree" or "agree" to the statement, "The DOE is on the right course towards ensuring that students are college and career-ready"	Annually	The metric and definition come from the Educational Leadership Institute (ELI) survey conducted annually at ELI.
Educational Officers reporting that they understand the Strategic Plan	Percentage of Educational Officers reporting that they "strongly agree" or "agree" to the statement, "I understand the major goals and strategies of the DOE's Strategic Plan"	Annually	The metric and definition come from the Educational Leadership Institute (ELI) survey conducted annually at ELI.
Parents receive timely and appropriate communication from schools	Percentage of parents indicating that they "strongly agree" to questions that comprise the "Satisfaction" dimension of the School Quality Survey	Annually	The SQS is being revised for SY 14-15 and will include this question so that we can gather the baseline data and begin reporting.