

Comprehensive System of Student Assessments– Alignment (Department, Core Service, Program)

Department

Mission: To ensure quality standards-based instruction to improve academic achievement for all students.

% Change in proficiency scores for reading, writing and math on the annual SBA.
Target 2% increase

Core Service: Provide and evaluate a comprehensive student and school standards, assessment and accountability system based on student, school, educator, and culturally responsive standards.

Efficiency Measure - *DISCUSSION PURPOSES ONLY* - The cost of assessments per student test taken. **The assessment costs are not a program but rather a contractual obligation to administer a measurement instrument under the prescriptive nature of the statutory and regulatory authority. According to the presentation provided by Craig Holt, a measure is something that causes you to take action based on the results. Without this comprehensive system of assessments, the State has no means of measuring success or documenting areas of concern. Open, competitive formal solicitation processes conducted under AS 36.30 the State Procurement Code ensures current market based pricing.**

Using only the Standards Based Assessment and High School Graduation Qualifying Examination administered by Data Recognition Corporation (DRC): \$7,818,289 (FY12 Contract with DRC) / 269,829 = \$28.97

Problem with this efficiency measure is that it would likely only increase over time, and there is no standard to compare against. However, this measure does allow policymakers to see what the cost per assessment is for each test taken by a student. Another option would be to look at cost per Proficient student, however no standard exists to compare this against.

Effectiveness Measure - Performance of students over time as outlined in performance results in the EED overview.

Using Adequate Yearly Progress in 2005 Reading/language arts: 75% Proficient; Mathematics: 66% Proficient. In 2011 reading/language arts: 76.2% Proficient; Mathematics: 68.8% Proficient.

Alaska Learning Network – Alignment (Department, Core Service, Program)

Department

Mission: Improving Student Achievement – SBA Scores

% Change in proficiency scores for reading, writing and math on the annual SBA.
Target 2% increase

Proposed core service statements:

Core Services - Provide statewide equity solutions for student learning opportunities through distance delivery of interactive digital on-line courses in order to satisfy graduation requirements and/or qualify for the Alaska Performance Scholarship Program.

Efficiency Measure - Cost per seat for courses \$150.00

Effectiveness Measure - Number of students enrolled. 188 Base line year

Program Level

Efficiency – Cost per graduate meeting required credits through AKLN.

Effectiveness – Number of students receiving required credits through AKLN.

Early Learning Coordination – Alignment (Department, Core Service, Program)

Department

Mission: Improving Student Achievement – SBA Scores grade 3 reading

% Change in proficiency scores for reading and writing on the annual SBA. Target 2% increase

Spring 2011 Standards Based Assessments Grade 3 Reading

Year	Count	Percentage Proficient	% Change from Prior
2005	7,185	79.1%	
2006	7,398	78.9%	-0.2%
2007	7,313	79.8%	0.9%
2008	7,525	79.7%	-0.1%
2009	7,591	78.3%	-1.4%
2010	7,743	79.8%	1.5%

2011 7,729

81.5%

1.7%

RDU Teaching and Learning Support

Existing core services statements from Early Learning Coordination:

Core Service - Increase early literacy skills, family literacy skills, early learning skills and parenting skills for all populations in Alaska.

Efficiency measure – Cost per student demonstrating an individual score of 1 or higher on the Developmental Profile scale for Communications, Language and Literacy domains.

Effectiveness measure - Percentage change in the measurable progression of communication, language and literacy skills and behaviors for incoming Kindergarten students.

The Alaska Developmental Profile (DP) showed modest progress in three of the five measureable categories for communication, language and literacy when comparing 2009-2010 results to 2010-2011. Of the two remaining categories one showed a slight decrease and the other showed no change.

The 2010-2011 DP scores for the Communications, Language and Literacy domain are as follows:

1. Uses receptive communications skills 1.55
2. Uses expressive communication skills 1.47
3. Demonstrates phonological awareness 1.28
4. Demonstrates awareness of print concepts 1.36
5. Demonstrates knowledge of letters and symbols (alphabet knowledge) 1.38

Baseline year for data set

Program Level – Pre-K

Efficiency Measure - EED has provided a cost per student in each setting with the exception of the intervention district approach.

Effectiveness Measure - % of growth based on the three indicators measured.

Literacy Blueprint Implementation Alignment (Department, Core Service, Program)

Mission: Improving Student Achievement – SBA Scores in Reading and Writing

% Change in proficiency scores for reading and writing on the annual SBA. Target 2% increase

Core Service - Increase early literacy skills, family literacy skills, early learning skills and parenting skills for all populations in Alaska.

Efficiency measure – Cost per student demonstrating an individual score of 1 or higher on the Developmental Profile scale for Communications, Language and Literacy domains.

Effectiveness measure - Percentage change in the measurable progression of communication, language and literacy skills and behaviors for incoming Kindergarten students.

Program Level

Efficiency measure - Cost per child participating in distribution of early literacy materials through local libraries.

Effectiveness measure - Number of kids served through distribution of printed materials.

Baseline year for data set

Statewide Mentoring Program Alignment (Department, Core Service, Program)**Department****Mission:** Improving Student Achievement – SBA Scores

% Change in proficiency scores for reading, writing and math on the annual SBA. Target 2% increase

RDU Teaching and Learning Support

Existing core services statement from department level:

Core Service - Provide mentoring for Alaska's educators to ensure high quality instruction and growth in student achievement.

Efficiency measure - Cost per teacher - total program cost/number of teachers served
Number of teachers served. \$19,204 per teacher

Effectiveness measure - % change in the retention rate for rural districts.

Retention rate – 84% retention rate for first year teachers in all districts

Urban district retention rate – 93%

Rural district retention rate – 80%

District	AY11	% Change	AY10	% Change	AY09	AY11 ECTs
Bering Strait	59.0%	-16.0%	75.0%	5.6%	69.4%	39
Kashunamiut	33.3%	-66.7%	100.0%	0.0%	100.0%	3
Lower Kuskokwim	84.5%	-3.0%	87.5%	4.2%	83.3%	58
Lower Yukon	64.9%	-9.3%	74.2%	8.5%	65.7%	37
North Slope Borough	33.3%	-45.6%	78.9%	3.9%	75.0%	12
Northwest Arctic	63.2%	-14.1%	77.3%	-6.9%	84.2%	19
Southwest Region	81.3%	6.3%	75.0%	8.3%	66.7%	16
Yukon Flats	100.0%	60.0%	40.0%	0.0%	40.0%	4
Yukon-Koyukuk	100.0%	0.0%	100.0%	0.0%	100.0%	6
Yupiit	81.8%	27.3%	54.5%	21.2%	33.3%	11
Total Teachers						205

FY11 General Fund Budget

3,900,000

FY11 General Fund Cost per teacher served

19,024