

# Digitizing Education in Alaska



Only 10% of Alaska's students have access to 1-to-1 digital learning. This proven model shows how all students and teachers can be outfitted with iPads at a reasonable cost within three years.



An Infographic by AASB Consortium for Digital Learning

## Alaska Education by the Numbers

129,000



K-12 Students

8300



Teachers

500



Public Schools

53



Districts

## How Digital Are Alaska Public Schools?

Since 2006 CDL has worked to establish 1-to-1 digital learning projects in schools across Alaska.

10%

of Students  
in 1:1 projects



20%

of Schools  
have 1:1 projects

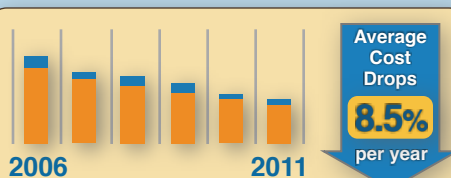


60%

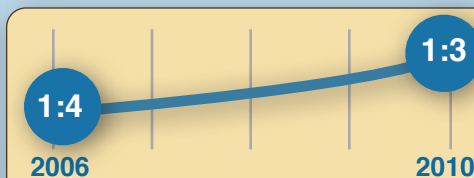
of Districts  
have 1:1 schools



## As Technology Costs Fall → Student Access Rises

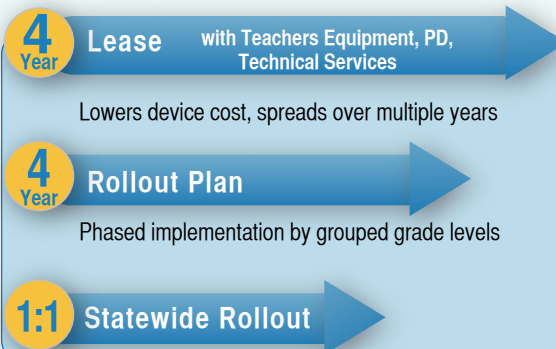


From 2006-11 the cost of personal computers and peripheral equipment dropped an average of 8.5% annually. Source: U.S. Consumer Price Index



From 2006-10 the computer-to-student ratio in U.S. schools increased from 1 device for every 4 students, to 1 device for every 3 students. Sources: National Center for Educational Statistics, FCC 2010 E-Rate Report

## Strategy for a Statewide Shift



## Phased 4 Year Rollout

1st Year	Cohort 1	32,250 Users
2nd Year	Cohort 2	32,250 Users
3rd Year	Cohort 3	32,250 Users
4th Year	Cohort 4	32,250 Users

## 1 Digital Device

Teacher Equipment,  
Professional Development,  
Technical Services in  
a 4 year lease

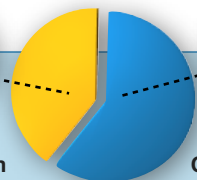
~\$200 year



Total  
**\$200**  
Per Student

40%

District  
Contribution



60%

State  
Contribution

## Sharing the Cost

District Contribution	State Contribution
\$80	\$120

Total Cost per student

## 4 Year Statewide Rollout

State Cost for Annual Installment Purchase for 1/4 of students per year

1st Year

2nd Year

3rd Year

4th Year

Total 32,250 Users

Total 65,000 Users

Total 97,250 Users

Total 129,000 Users

~ \$3.9 mil

~ \$7.74 mil

~ \$11.6 mil

~ \$15.5 mil