

PRINCE GEORGE COUNTY SCHOOLS

A Military K-12 Partner

Dr. Bobby Browder, Superintendent
Renee Williams, Assistant Superintendent

Prince George County Schools

- **Schools:**

- 5 Elementary (Pre K- 5)
- 1 Middle (6 - 7)
- 1 Junior High (8 -9)
- 1 High School (10 - 12)
- 1 Regional Technical School

Prince George County Schools

- **Student Enrollment:** 6363
- **Demographics**
 - 53% Caucasian
 - 35% Africa-American
 - 8% Hispanic
 - 3% Multi-racial
 - 1% Other

Prince George County Schools

- **Economically Disadvantage** 34%
- **English Language Learners** 81
 - 13 languages
- **Military Students** 31%

A Military K- 12 Partner

School and Community

A Military K -12 Partner: Schools

- **Student to Student**
- **Deployment Support Groups**
- **Soldiers in Our School**
- **Veteran Day Programs**
- **Pen Pals**



A Military K -12 Partner: Schools

- **Mentors**
- **Wall of Honor**
- **Fort Lee Partnership Committee**
- **Memorial Garden**
- **Care Packages**



A Military K -12 Partner: Community

- Fort Lee Quarterly Meetings
- Fort Lee Military and Civilian Council
- Walk Against Drugs



Prince George Schools Brief Budget History

Prince George: Budget History

- In FY 2009 our operating budget was \$60.1 million
- In FY 2013 our operating budget is \$57.5 million
- We are operating on \$2.6 million less than we did 5 years ago

Prince George: Budget History

- We have 25 fewer employees than we did 5 years ago
- We have 150 more students than we did 5 years ago
- 2013-2014 budget is \$9,6876, about \$120 less than what was spent per pupil in 2008-09 [\$9,806]. It is less than the state average PPE of \$9, 766 in 2005-06

**Department of Defense
Education Activity (DoDEA)
Grant Program**

DoDEA Grant: Purpose

- **To increase student achievement**
- **To ease the challenges that military children face due to parents' military service**

DoDEA Grant: Project Goals

- **Promote distance learning opportunities**
- **Enhance and integrate technology**
- **Support the unique social and emotional needs of military students**
- **Encourage parent involvement**

DoDEA Grant: Project Goals

- **Improve educator professional development**
- **Promote student achievement in core curriculum areas**
- **Ease challenge that military students face due to transition and deployment**

**Department of Defense
Education Activity (DoDEA)
Grant Program
Projects**

**The Moore Math Project
Connect ² Science and Technology
Science, Engineering and Technology**

J.E.J. Moore Middle School



The Moore Math Project (2009-2012)

J. E. J. Moore Middle School

- Grades 6-7
- 1009 students
- 25% Military

The Moore Math Project: The Need

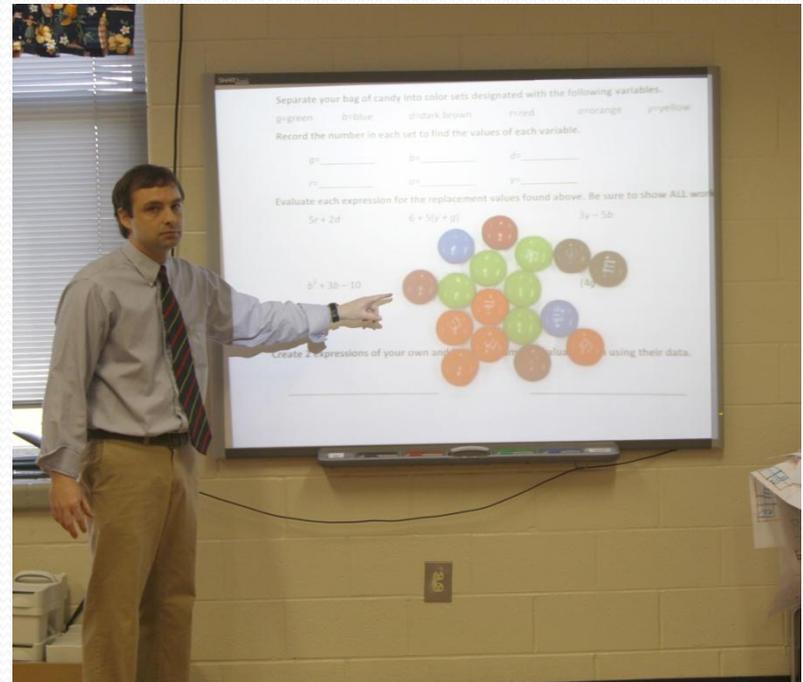
- Math SOL Pass rate : 62%
- Math Course Failure rate: 9%
- 3% Attended After School Tutoring
- 2008 -2009 Accredited with Warning in Math

The Moore Math Project : Goal

To increase the academic achievement of military students on the Standards of Learning Mathematics tests

The Moore Math Project: Components

- **Professional Development plan**
 - Workshops
 - Trainings
 - Courses
 - Instructional coaching



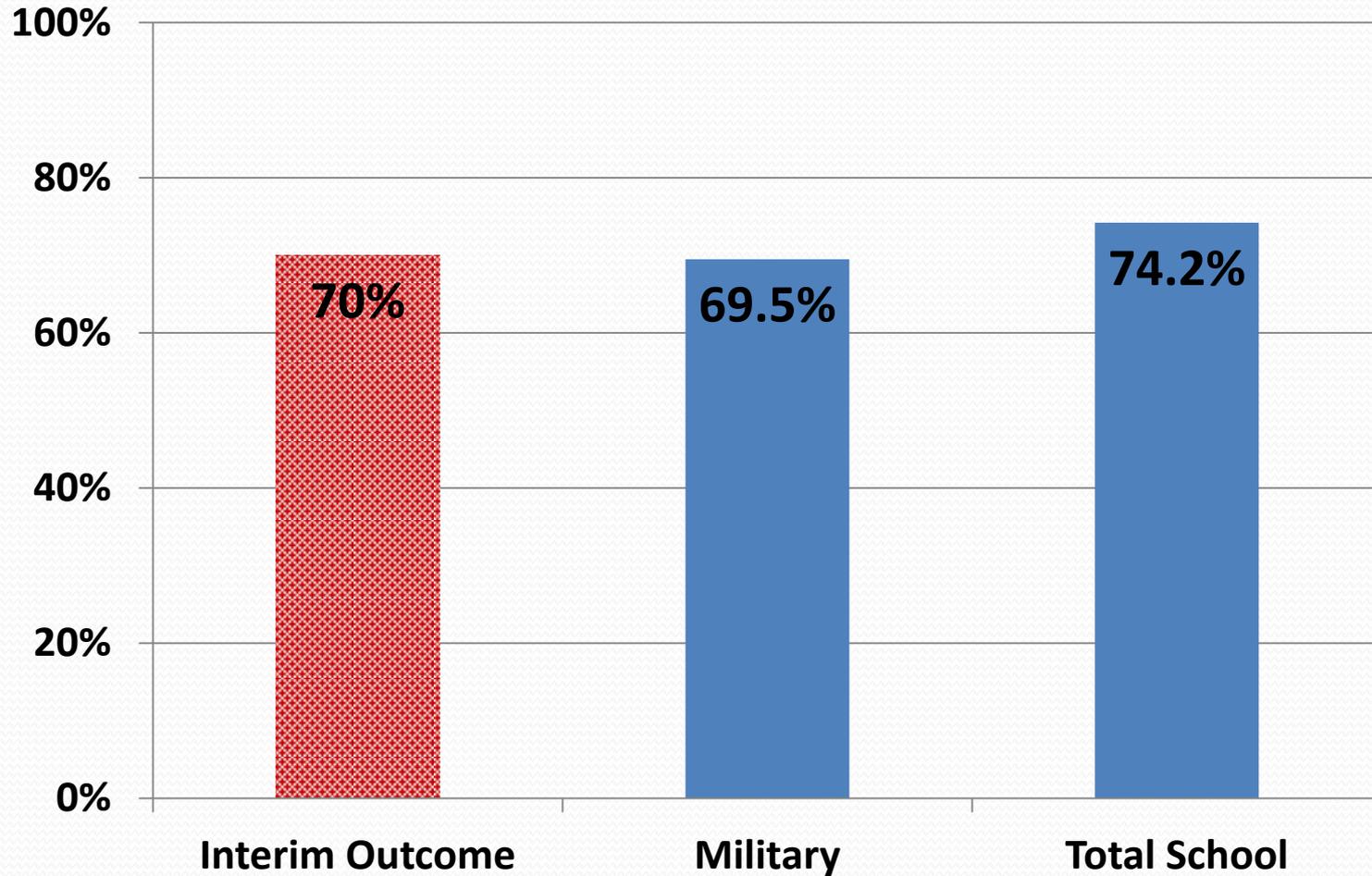
The Moore Math Project: Components

- **Expansion of the After School Knowledge(ASK) Program**
 - Held at Fort Lee
 - Two Days Per Week
 - 60 minutes
 - 3 tutors
 - Hands On

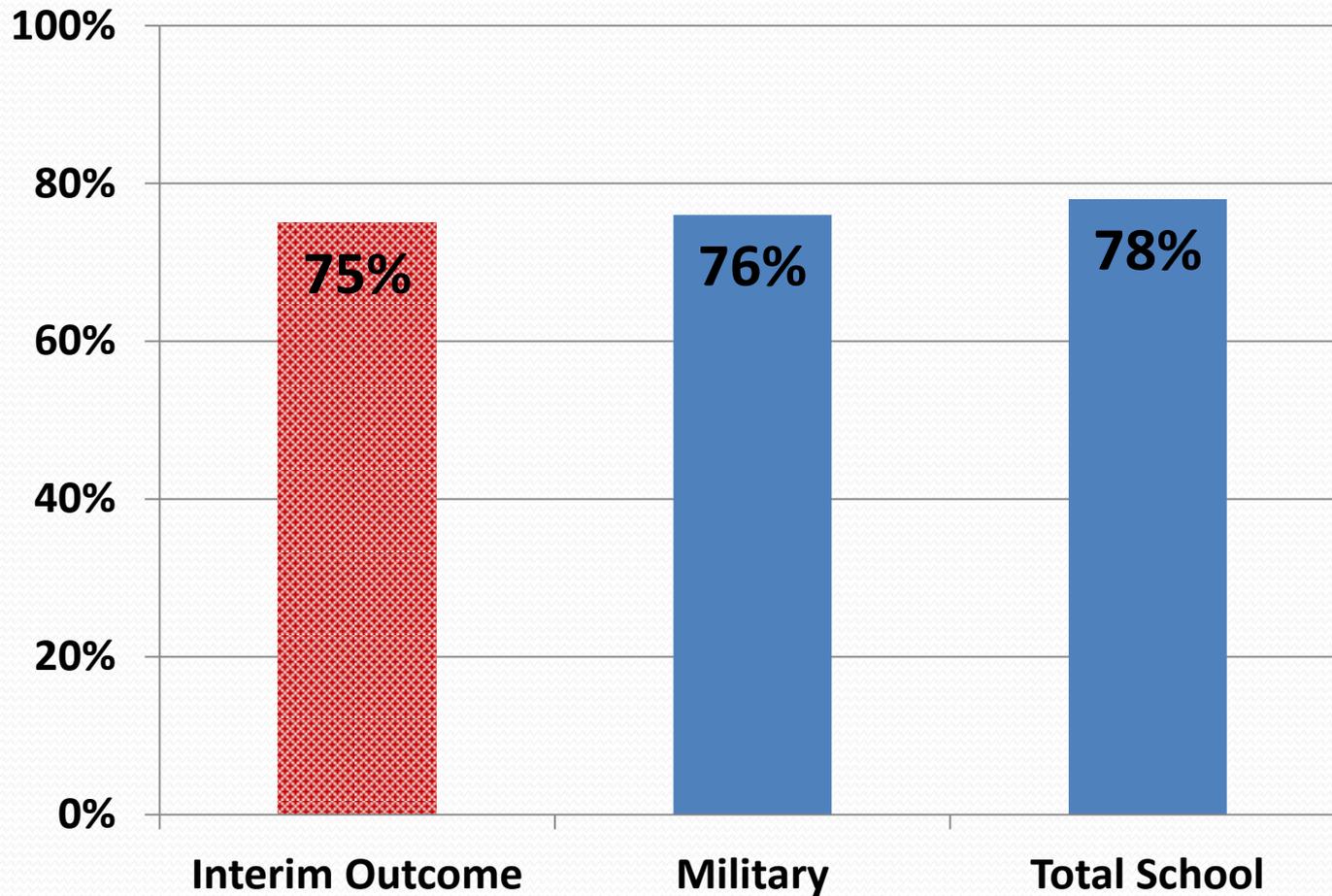
The Moore Math Project: Results

- **Goal** : By August 2012 80% military student pass rate on math SOL test
- **Interim Goals**
 - 2010 70% pass rate
 - 2011 75% pass rate

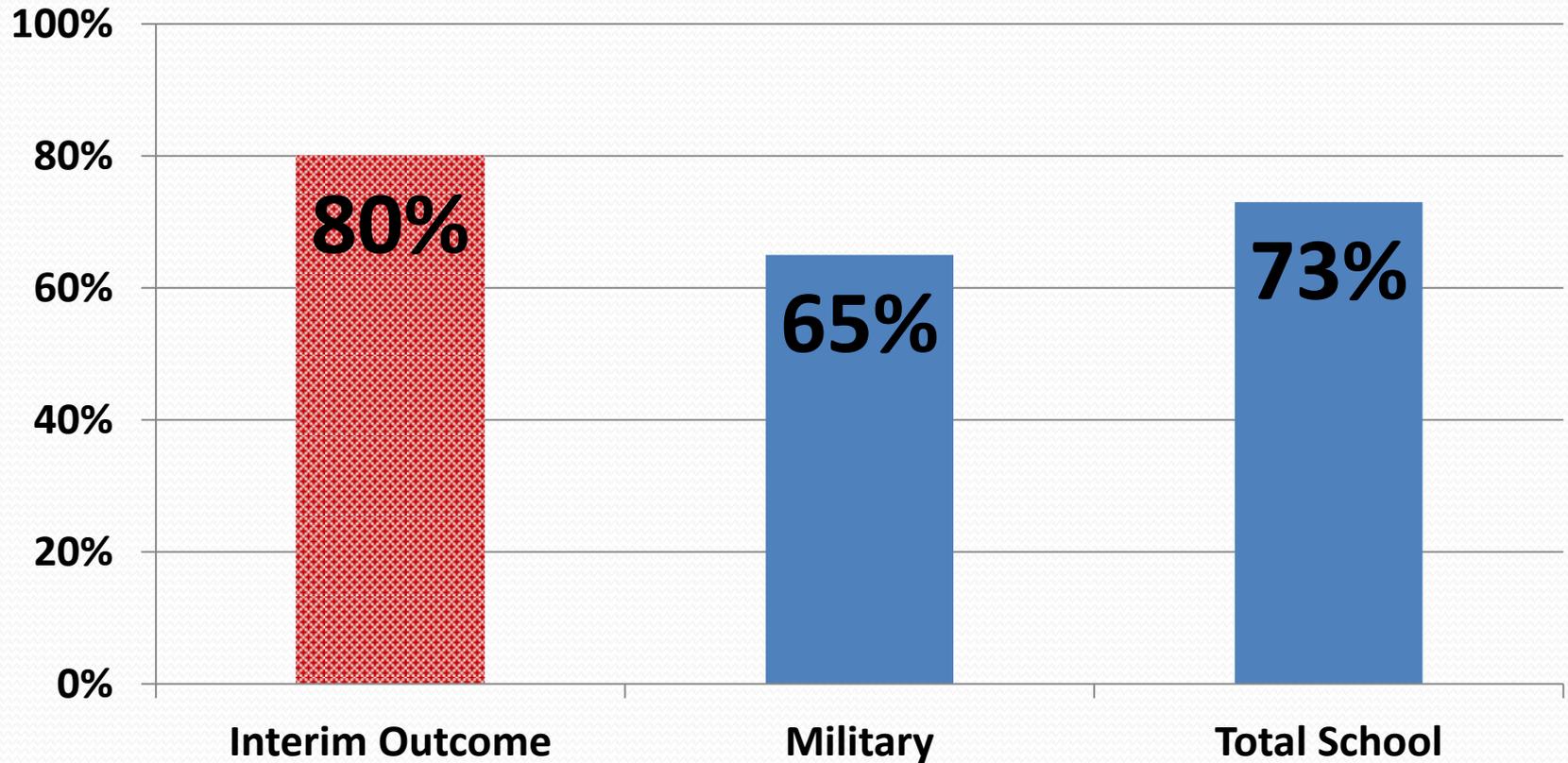
Virginia Standard of Learning Mathematics Test 2009 - 2010



Virginia Standard of Learning Mathematics Test 2010 - 2011



Virginia Standard of Learning Mathematics Test 2011 - 2012*



* Revised the math Standards of Learning

The Moore Math Project: Results

- **Full Accreditation**

2010 - 2011

2011 - 2012

2012 - 2013 (Revised Math SOL Current Pass Rate)

- **Student Participation in ASK at Fort Lee**

2009 - 2010 26

2010 - 2011 37

2011 - 2012 34

The Moore Math Project: Results

The teacher survey using a Likert scale provided the following results when comparing the 2009-2010 school year to 2011-2012 school year.

- **Professional development**

Addressing meeting the teacher's needs, instructional strategies, and support to transfer learned strategies to the classroom +98%

The Moore Math Project: Results

- **Influences on student achievement**

Addressing the use of instructional strategies, differentiation, Fort Lee after school tutoring program, Cortez Math and analyzing data

+85 percentage points

Connect ² Science and Technology Initiative



Connect ² Initiative 2010 -2013

- **Harrison Elementary**
- Pre K- 5
- 656 students
- 58% military
- **North Elementary**
- Pre K – 5
- 720 students
- 30% military



Connect ² Initiative: The Need

Harrison

- 20% Failure on Science SOL test
- 77% transfer rate

North

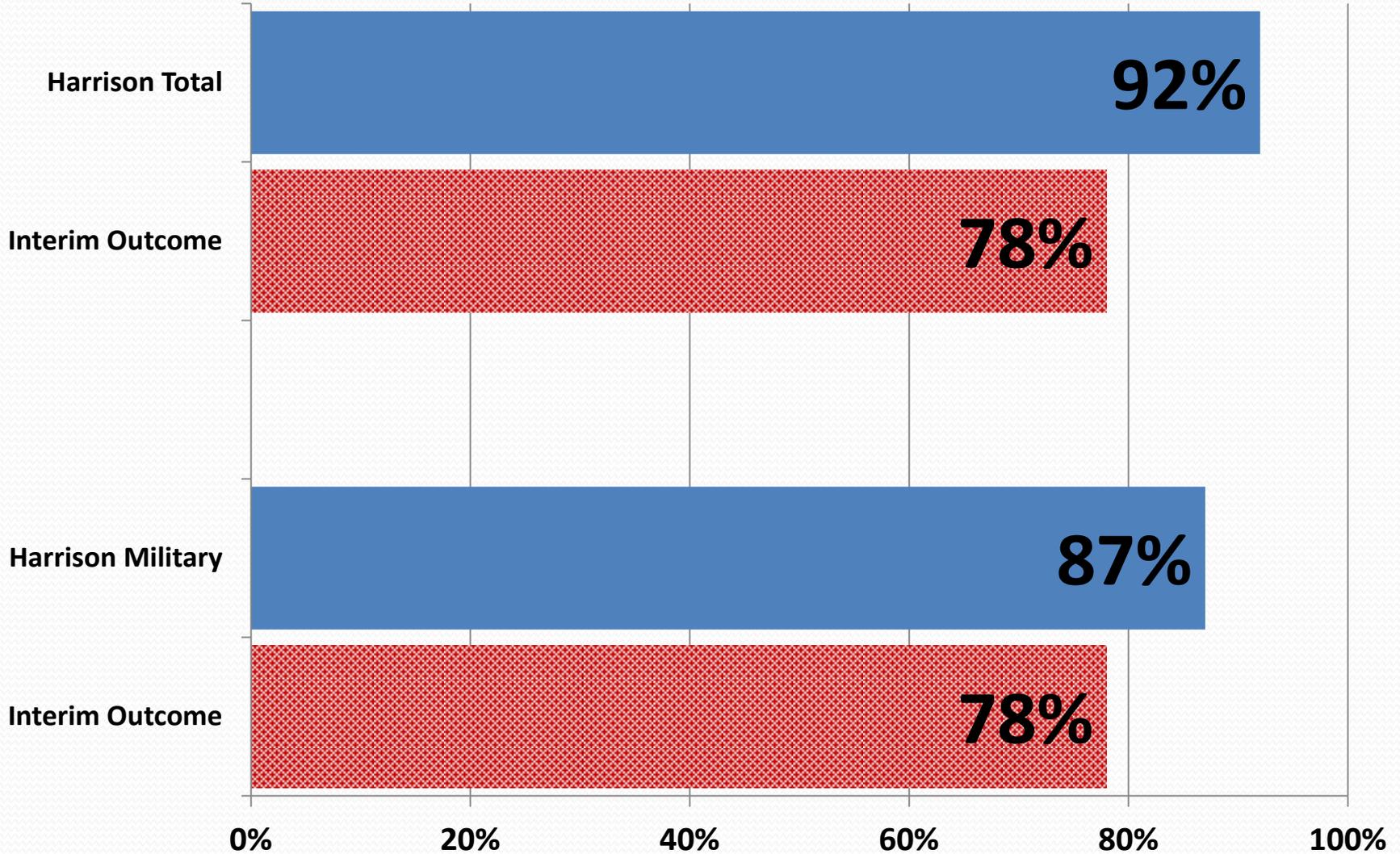
- 18% Failure on Science SOL test
- 60% transfer rate

Connect ² Initiative: Components

- **Professional Development Plan**
- **Intervention Services**
- **Connecting Science and Technology(CST)**

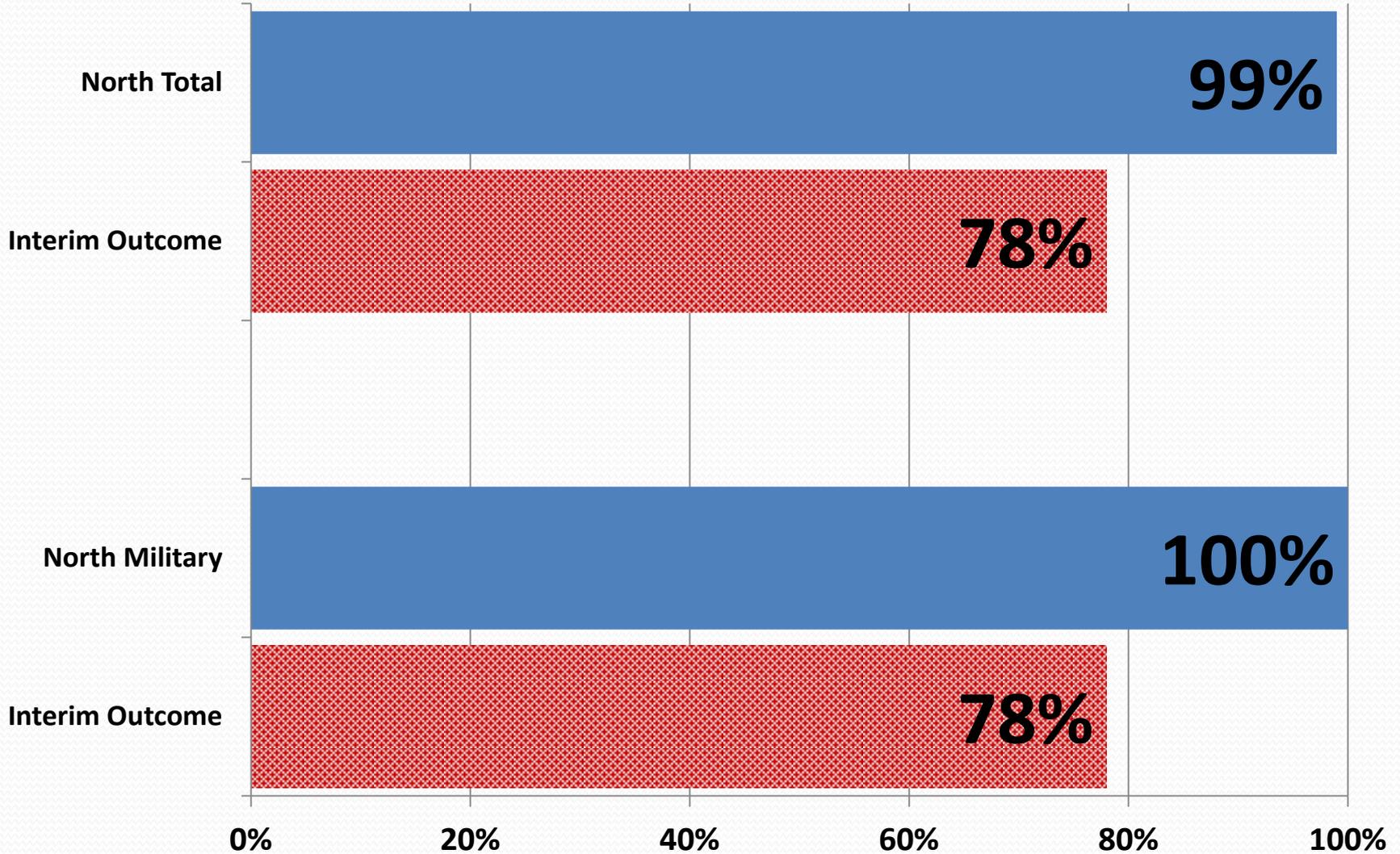
Connect 2 (2010 - 2011)

Virginia Standards of Learning Science Test

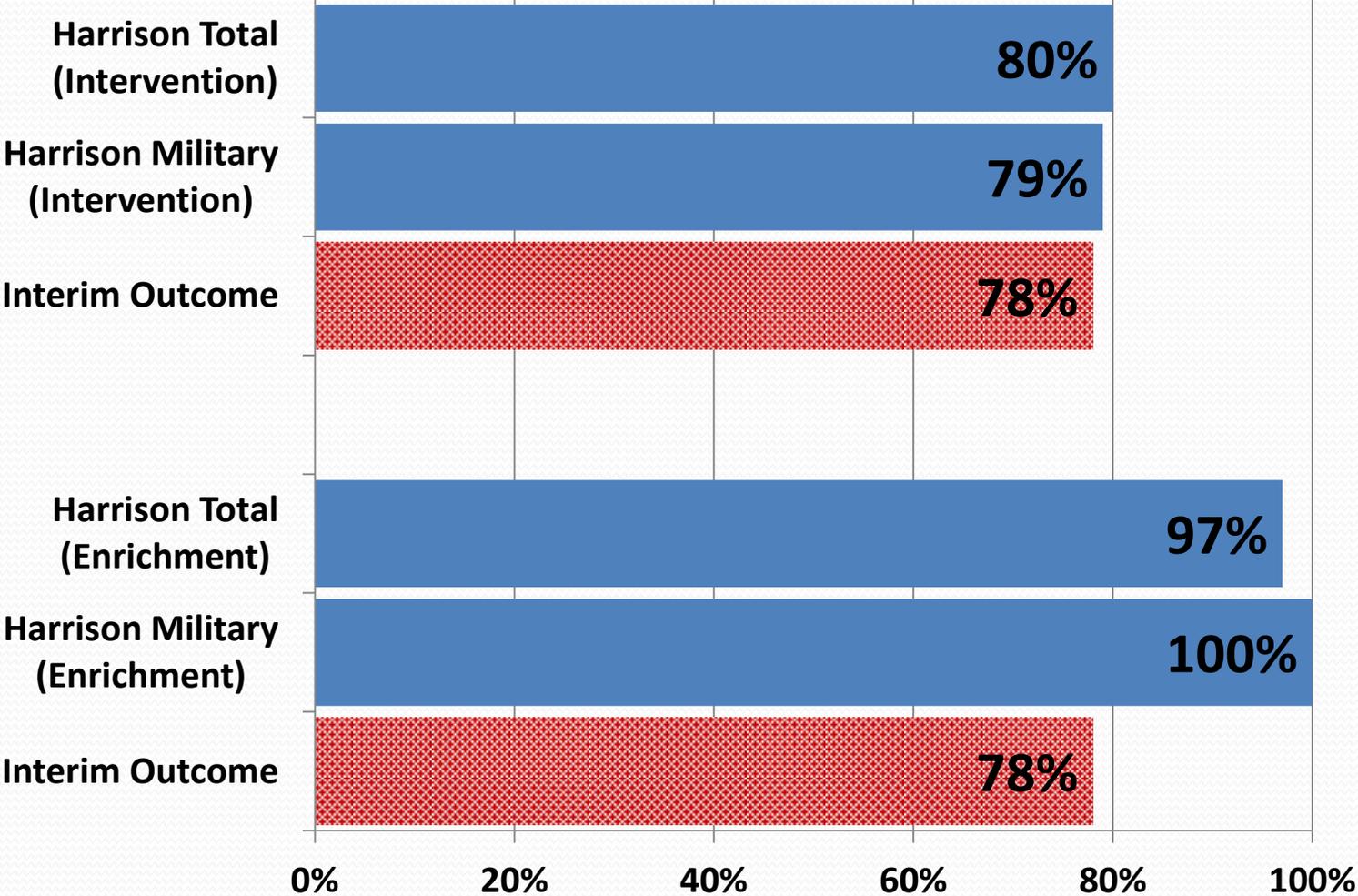


Connect 2 (2010 - 2011)

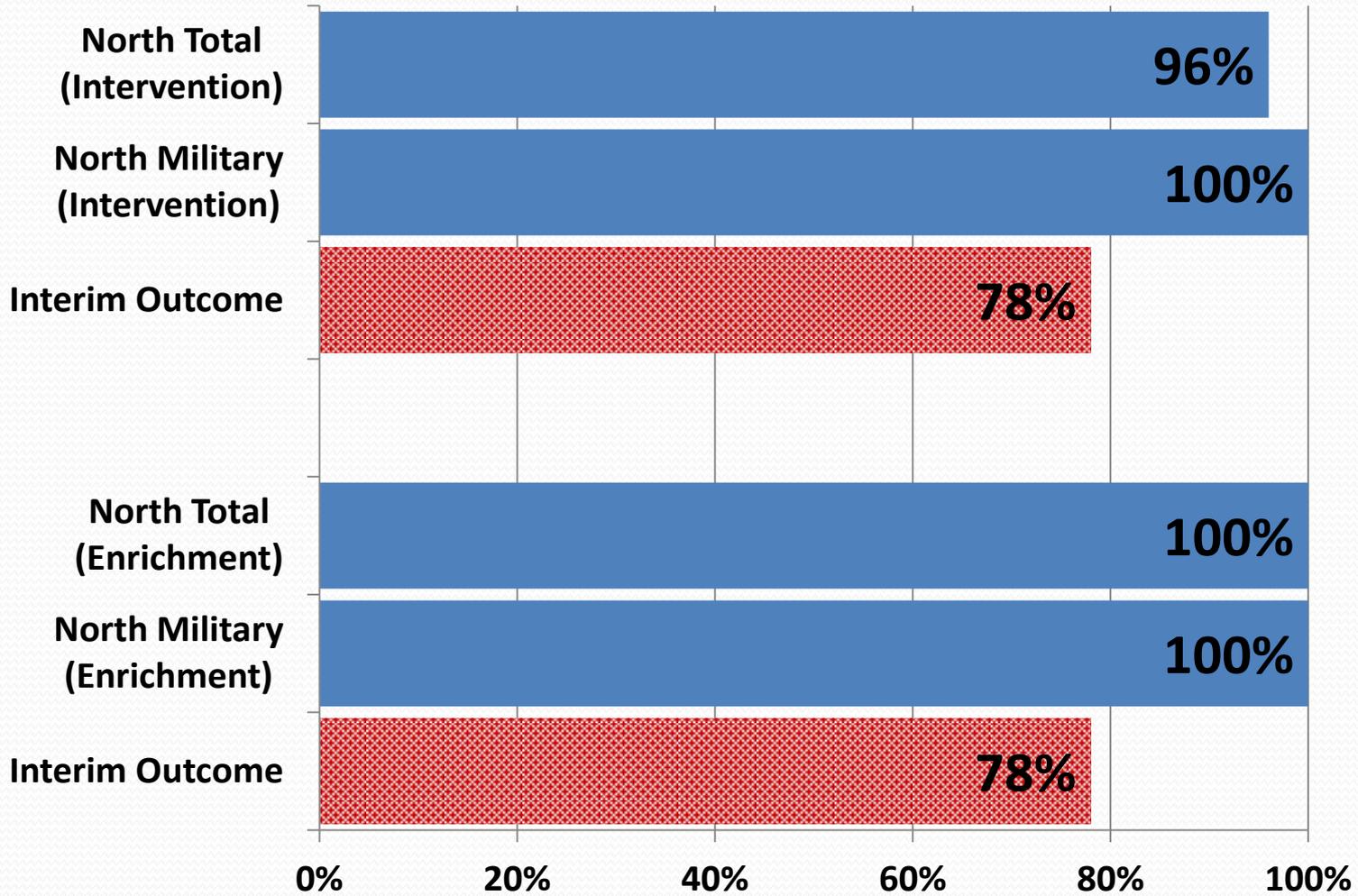
Virginia Standards of Learning Science Test



Harrison Elementary 2010-2011



North Elementary 2010-2011

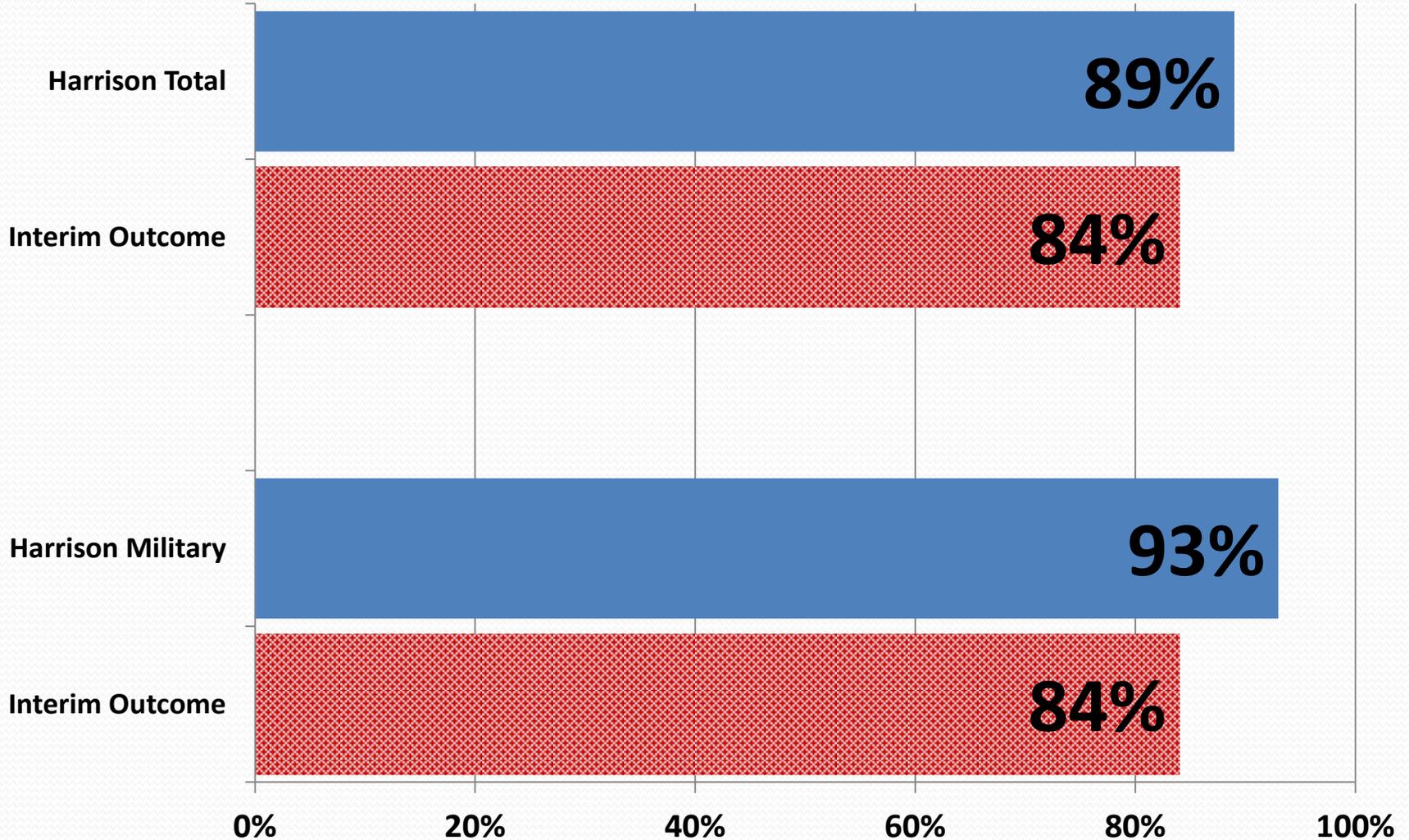


Professional Development 2010- 2011

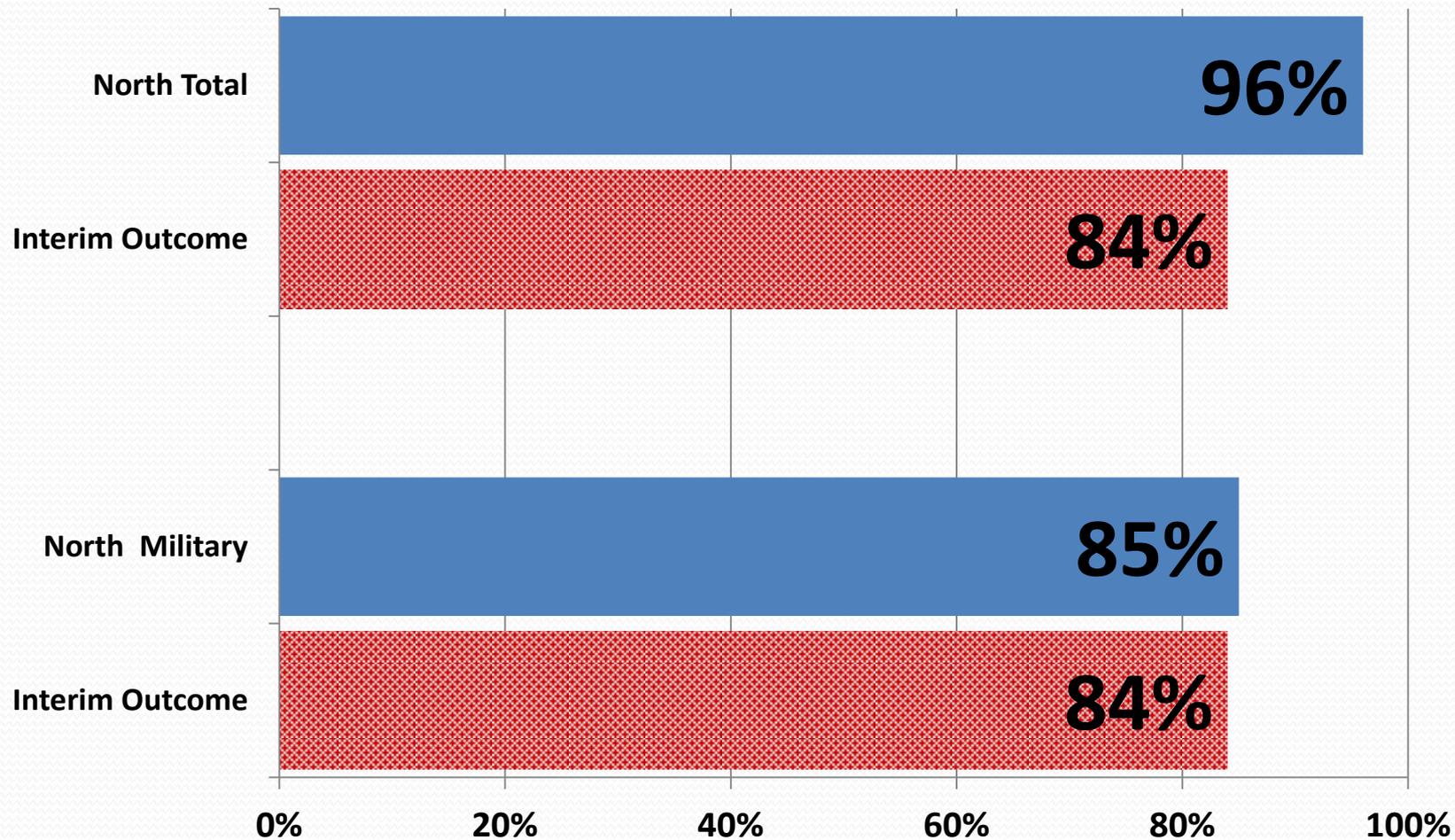
Workshops	Teacher Participation
Inquiry Based Instruction	100%
“Aha” Science	100%
Using “Foldables” in Science Instruction	96%
College Course (summer)	68%
College Course (school year)	32%
AIMS Workshop	92%
Instructional Coaching (throughout school year)	100%

Connect 2 (2011- 2012)

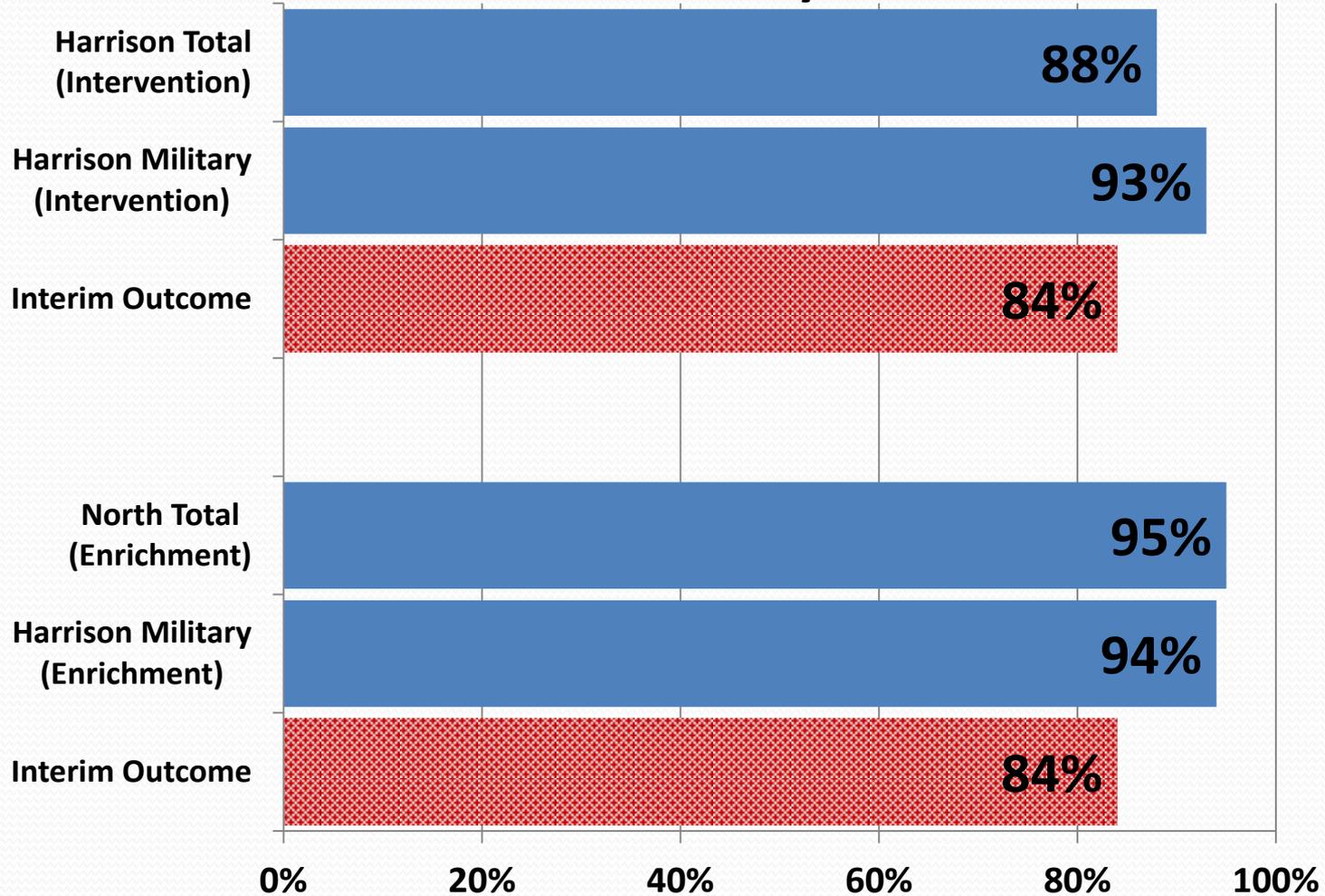
Virginia Standards of Learning Science Test



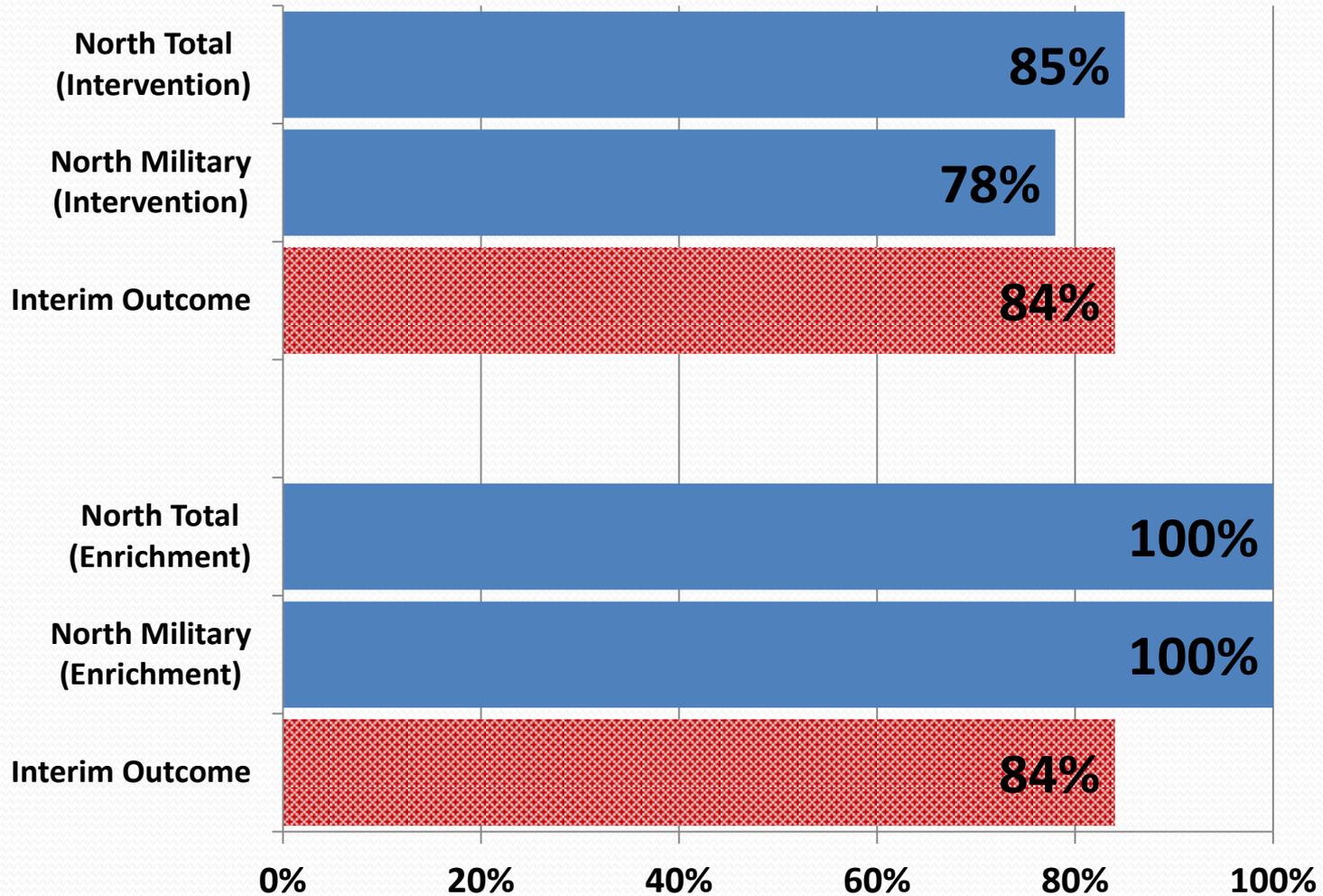
Connect 2 (2011- 2012) Virginia Standards of Learning Science Test



Harrison Elementary 2011-2012



North Elementary 2011-2012



Professional Development 2011- 2012

Workshops
Inquiry Based Instruction
BrainPop
Data Monitoring
Weather Bug
Jason Project
AIMS Workshop
Instructional Coaching (throughout school year)

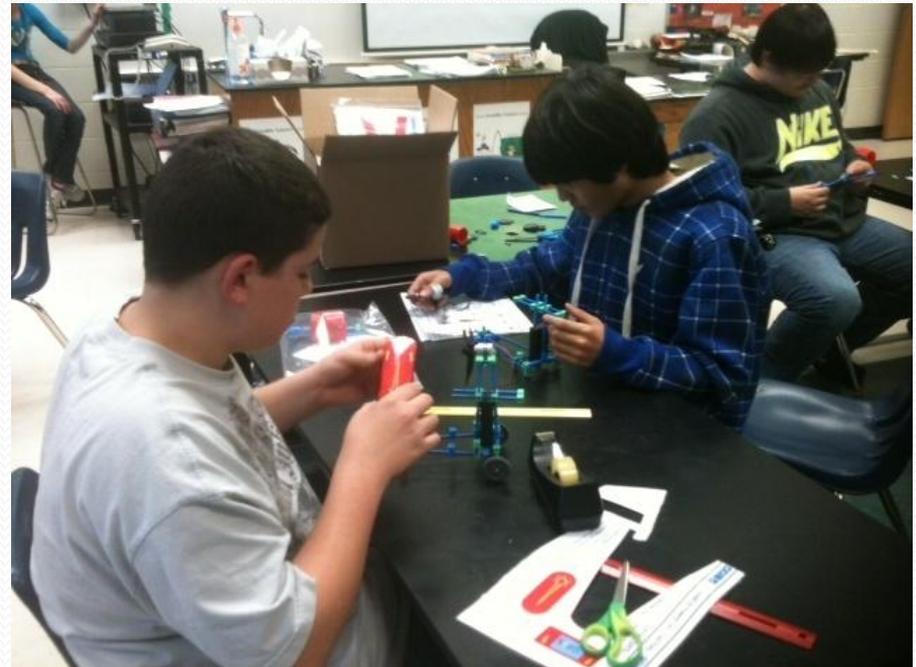
Science, Engineering and Technology (SET) Project



Science Engineering and Technology Project 2011-2014

Clements Junior High School

- Grades 8 and 9
- 978 Students
- 25% Military Students



SET Project: The Need

- 26% of military students failed Science SOL tests
- 13% of military students enrolled in Advanced/Honor level science classes
- 27% of 8TH grade military students take Algebra I

SET Project: The Need

- 66% of students who enroll after school opens are military
- The AdvancedEd Quality Assurance Review Team recommended that the needs of our growing military population be addressed

SET Project: Goal

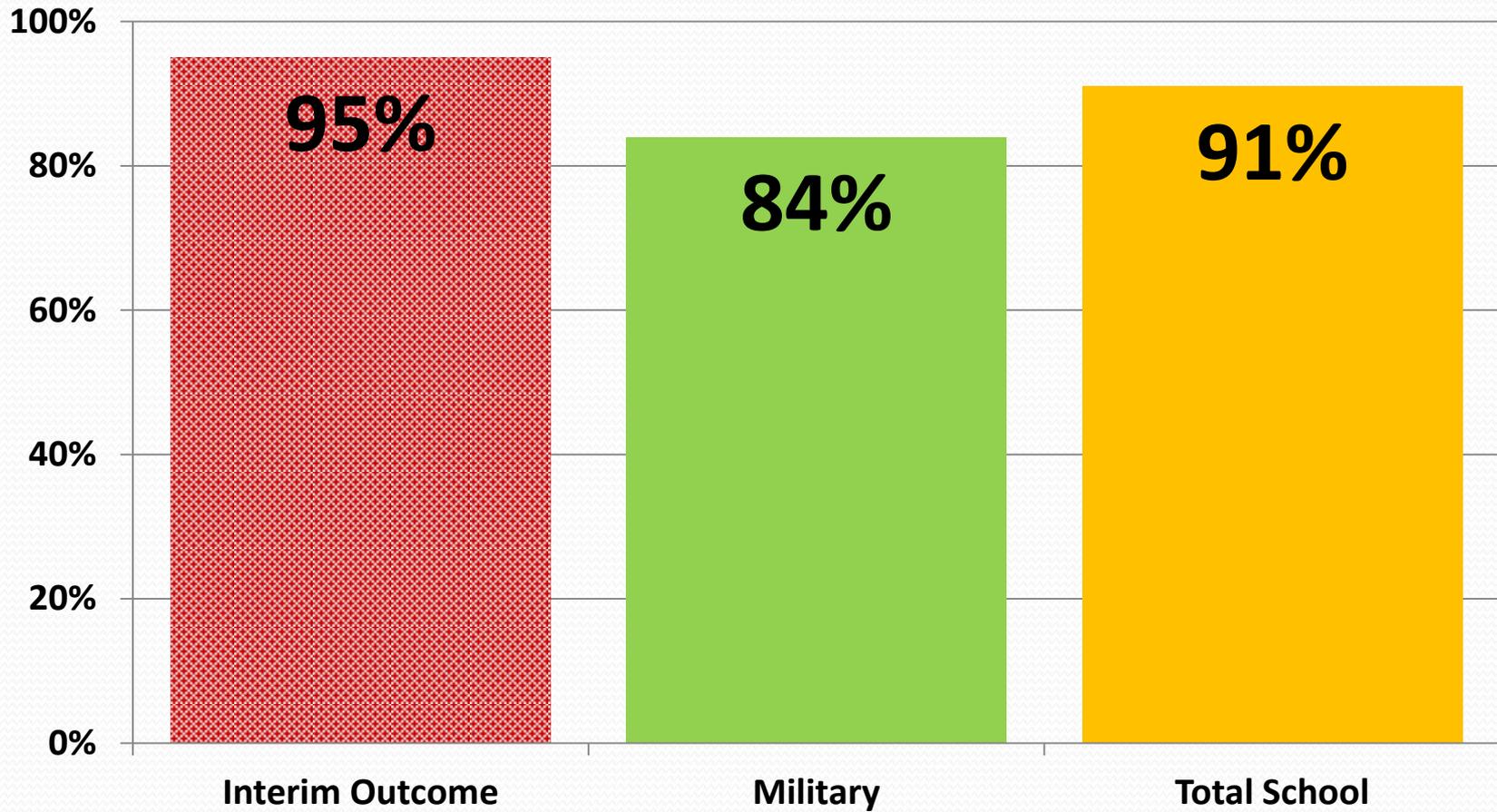
By August 2014, 98% of 8th and 9th grade Military students will score 400 or above on the Science Standards of Learning Tests.



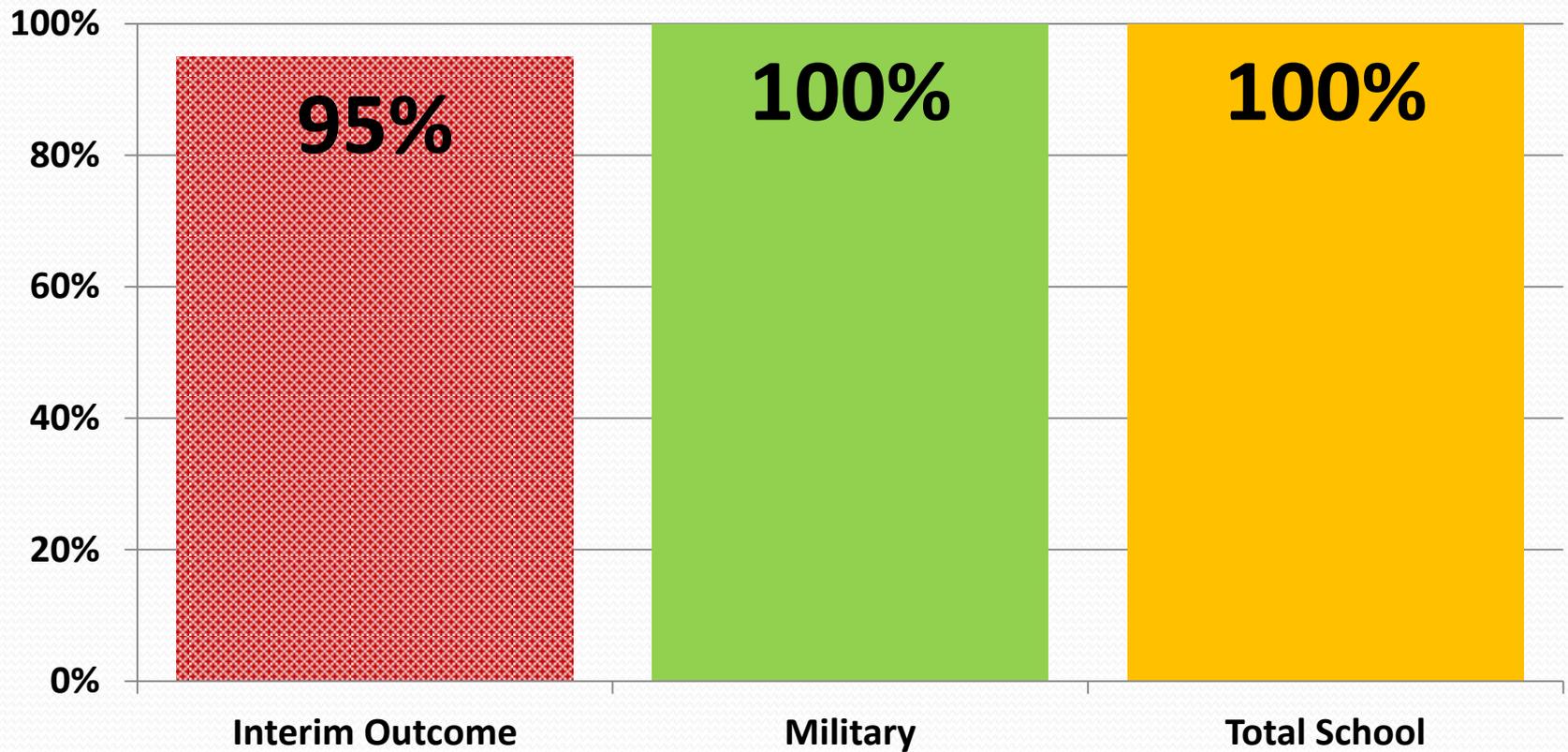
SET Project: Components

- **Professional Development Plan**
- **STEM Lesson Plan Bank**
- **Enrichment Program (SET₂)**

SET - N. B. Clements (2011 - 2012)



SET - N. B. Clements (Enrichment Program Participants)



Professional Development 2011- 2012

Workshops	Teacher Participation
Observation Model	100%
Inquiry Based Instruction	100%
21 st Century Learning and Workplace Skills	100%
Weather Bug	100%
2011 VAST Conference	100%
Instructional Coaching (throughout school year)	100%

Department of Defense Educational Activity Grants

DoDEA Grants Impact

- **The Moore Math Project** - \$308,400
257 Military Students
15 Regular and Special Education Mathematics Teachers
- **Connect² Science and Technology** - \$742,500
594 Military Students
22 Regular and Special Education Teachers

DoDEA Grants Impact

- **Science Engineering and Technology - \$380,641.11**
978 Students
10 Regular and Special Education Science Teachers
- **Overall**
\$1,431,541.11 - Grant Funds Allocated
Impact on Military Students- **immeasurable**