



# The Performance of Hawaii's Military Impacted Public Schools: A Comparative Perspective

Prepared for the Department of Defense Education Activity (DoDEA)

---

Michael Goodman, Ph.D.  
Associate Professor and Chair  
Department of Public Policy  
University of Massachusetts Dartmouth

and

Kathleen Wilkinson, Carrie Bernstein, Katera Como, Matthew Hoover, Lindsay Koshgarian, Raija Vaisanen

University of Massachusetts Donahue Institute

December 16, 2010



**Final Report**

**Contents**

**Acknowledgments.....1**

**Research & Findings .....2**

    Introduction .....2

        Purpose and scope of the report..... 3

        Limitations of this report..... 4

    How well do the Hawaii Public Schools meet their own standards? .....5

        The Hawaii State Assessment Testing System ..... 5

        The Effectiveness Index (EI) ..... 5

        What does it mean to be “proficient”? ..... 6

        Comparing “proficiency” and “effectiveness” ..... 8

        Effectiveness Index: Military impacted elementary schools ..... 8

*Reading* ..... 8

*Math* ..... 14

        No Child Left Behind outcomes in military impacted schools ..... 19

        How safe are Hawaii’s Public Schools?..... 24

    How does Hawaii compare to the other districts of interest? .....27

        Programs and services comparison ..... 27

        The challenge of comparing performance across districts ..... 29

        TerraNova comparisons: How does Hawaii compare to Anchorage and DDESS? ..... 29

            Comparing TerraNova and HSA outcomes in Hawaii ..... 30

        How does Hawaii compare on the National Assessment of Educational Progress (NAEP)? ..... 33

            Grade 4 Mathematics ..... 34

            Grade 4 Reading ..... 35

        How do Hawaii’s students compare on the Scholastic Aptitude Test (SAT)?..... 37

    Identifying performance issues.....39

        Identifying military impacted schools in Hawaii with performance issues..... 39

        Validating performance issues in military impacted schools in Hawaii..... 40

    Moving targets: Shifting fiscal realities and changing student needs .....42

        State and local education funding is under siege ..... 42

        ‘Race to the Top’ funding ..... 44

        The needs of military children are growing as a result of wartime deployments ..... 45

    Conclusion.....45

**Works Cited .....48**

**Appendix A: Methodology .....49**

    I. Defining “military impacted” schools.....49

II: Performance .....57

- II a. Overview of State Assessments ..... 58
- II b. Effectiveness Index..... 59
- II c. No Child Left Behind (NCLB)..... 61
- II d. TerraNova Assessment Program ..... 61
- II e. National Assessment of Educational Progress (NAEP) ..... 63

III. Programs and Services .....64

**Appendix B: District Profiles.....66**

- Hawaii ..... 67
- Anchorage, Alaska ..... 69
- Clover Park School District, Lakewood, Washington ..... 71
- San Diego Unified School District, California ..... 73
- Travis Unified School District, California ..... 75
- DDESS..... 77

**Appendix C: Effectiveness Index .....79**

- Hawaii ..... 80
- Comparison Districts..... 102
- Anchorage, Alaska ..... 103
- Clover Park School District, Lakewood, Washington ..... 123
- San Diego Unified School District, California ..... 139
- Travis Unified School District, California ..... 163

**Appendix D: NCLB .....165**

- Comparison Districts ..... 165
- Anchorage, Alaska ..... 165
- Clover Park School District, Lakewood, Washington ..... 167
- San Diego Unified School District, California ..... 169

**Appendix E: TerraNova .....172**

**Appendix F: Impact Aid.....215**

**Appendix G: Trend Data.....216**

- Trend Data: Performance ..... 216
- Anchorage Trend Data ..... 216
- Clover Park Trend Data ..... 220
- Hawaii Trend Data ..... 222
- San Diego Unified Trend Data..... 226
- Travis Unified Trend Data ..... 228
- NAEP Trend Data ..... 230

---

## Acknowledgments

This report would not have been possible without the significant assistance and cooperation of numerous individuals in Alaska, California, Hawaii, the State of Washington and the Department of Defense Education Activity (DoDEA). These individuals met with us, shared their data, helped us coordinate our site visits and, in a number of cases, invested significant amounts of their time to ensure we received the information and the access that we needed.

In each of the school districts we visited, we were both welcomed warmly and granted access to school officials and school buildings, often on very short notice. We are grateful to all of these school officials for their hospitality, their insight and their commitment to helping us gain the understanding we needed to do this research.

The commanders of each of the installations we visited also deserve our sincere thanks. Each took time out of their very busy schedules to meet with us. They, and their school liaison officers, were instrumental in helping us develop a fuller understanding of local educational issues and concerns.

Finally, the Superintendent of the Hawaii Public Schools, Kathryn Matayoshi, and her staff deserve our very special thanks for their assistance and extensive cooperation in helping us gain access to critical data contained in this report. Without their cooperation, this report would have been much less comprehensive. We sincerely hope that the data and analysis contained in this report prove useful to their efforts to improve public education in Hawaii.

## Research & Findings

### Introduction

On September 18, 2009, Governor Linda Lingle announced a new two-year contract with the Hawaii State Teacher's Association (HSTA) that included provisions furloughing classroom teachers for seventeen days during the 2009/2010 school year. Parents of public school students across Hawaii reacted strongly, many expressing serious concerns about the educational implications of this policy and additional consequences of fewer school days (including child care).

According to a number of persons interviewed for this report, the furlough policy was the last straw for many military families stationed in Hawaii. Years of spoken and unspoken concerns about the quality of public primary and secondary education in Hawaii came to a head in the period immediately following the announcement of furloughs during the 2009/2010 school year. Serious questions were raised about the state of Hawaii's commitment to primary and secondary public education and whether the state was providing military connected students with an adequate and "appropriate"<sup>1</sup> set of educational services.

Until quite recently<sup>2</sup>, Hawaii was one of only two states without a legally mandated minimum number of school days but it was not the only state or district that experienced furlough days. California state officials, in response to state budget woes, enacted special legislation that allows for up to five days of teacher furloughs (despite legislated minimums) to help districts balance their budgets.

	# of Instructional Days/Mandated Minimum, SY 09/10	# of Furlough Days, SY 09/10	# of Instructional Days/Mandated Minimum, SY 10/11	# of Furlough Days, SY 10/11
Hawaii	163/0	17	180/180	0
Anchorage	174/180	0	176/180	0
Clover Park	180/180	0	180/180	0
San Diego	180/180	0	175/180	5
Travis	177/180	3	177/180	3
DDESS	180/180	0	180/180	0

Source: State Departments of Education and individual districts; DoDEA.

NOTE: Alaska mandates 180 days, up to 10 days of which can be teacher in-service days

<sup>1</sup> As noted in 10 U.S.C. § 2164, "If the Secretary of Defense makes a determination that appropriate educational programs are not available through a local educational agency for dependents of members of the armed forces and dependents of civilian employees of the Federal Government residing on a military installation in the United States (including territories, commonwealths, and possessions of the United States), the Secretary may enter into arrangements to provide for the elementary or secondary education of the dependents of such members of the armed forces and, to the extent authorized in subsection (c), the dependents of such civilian employees."

<sup>2</sup> Hawaii Public Schools are now required to provide 180 days of instruction consistent with recently passed state legislation.

## Purpose and scope of the report

This report was commissioned by the Department of Defense Education Activity (DoDEA) in an effort to provide DoDEA and the Department of Defense (DoD) with data and analysis designed to determine whether the concerns raised about the performance of the public schools in Hawaii were supported by available data and to inform their determination of whether conditions in Hawaii warrant policy action. Toward this end, this report and the research results reported herein have been designed to address the following major research questions:

- 1) How does the performance of the military impacted schools operated by the Hawaii Department of Education compare to that of selected school districts in “contiguous”<sup>3</sup> states?
- 2) To what extent do military impacted schools operated by the Hawaii Department of Education provide DoD dependents with “appropriate” and quality educational services?

Hawaii is a collection of islands, and therefore is not contiguous to any state. One school district serves the entire state. At the outset of the project, DoDEA identified several school districts for comparative analysis. They include:

- The Anchorage, AK school district (which serves Joint Base Elmendorf-Richardson)
- The Clover Park school district in Lakewood, WA (which serves Joint Base Lewis-McChord)
- The Travis Unified school district in Fairfield, CA (which serves Travis AFB)
- The San Diego Unified school district in San Diego, CA (which serves Naval Station San Diego and Marine Corps Air Station Miramar), and
- The Domestic Dependent Elementary and Secondary Schools (DDESS) system (serving sixteen military installations in the continental US, primarily in the southeast).

	Hawaii	Anchorage	Clover Park	San Diego Unified*	Travis Unified	DDESS	US Overall
<b>Total Enrollment</b>	170,488	46,611	12,242	132,256	5,301	25,657	n/a
<b>Student-Teacher Ratio</b>	15.4	16.8*	18.2	19.3	20.2	11.7	14.48 <sup>†</sup>
<b>Number of Schools</b>	256	88	31	218	10	63	n/a
<b>% Special Education</b>	10.3	14.3	13.7	12.4	11	17.2	13.4
<b>% English Language Learners</b>	11.2	10.8	9.4	29.3	3.2	18.9	11.3
<b>% Free or Reduced Lunch</b>	42	36.5	62.7	63.2	21.8	N/A	42.9
<b>% Minority</b>	87.5**	51.6	53.7	74.7	57.7	23.2	45.1 <sup>††</sup>
<b>Form of Governance</b>	State-run	Municipal-run	Municipal-run	Municipal-run	Multi-municipal run	n/a	n/a
<b>Mandated Site-based Mgmt</b>	YES	NO	NO	NO	NO	n/a	n/a

Sources: State Departments of Education, individual districts, the Education Commission of the States (ECS), <http://www.ecs.org>, and the NCES; NOTE: All data is from SY08/09 unless otherwise noted; US Overall data is from the NCES and for the SY 07/08 unless otherwise noted. <sup>†</sup>2009-2010 School Year; <sup>††</sup>2008-2009 School Year

\*Includes charter schools; data that excludes charters not available.

\*\*Hawaii does not report % minority, this figure represents the % non-white students.

<sup>3</sup> As defined by 10 U.S.C. § 2164 paragraph 2, which requires the study of “contiguous” school districts.

---

## Limitations of this report

As noted above, the research conducted for this report involved the assembly, presentation and analysis of relevant educational and performance data for the Hawaii public schools and the other school districts selected for comparison.

It is important to emphasize at the outset that there are several key issues and questions that this report was unable to address or was not charged with answering.

Perhaps most significantly, this report is unable to assess the direct or indirect impact of the Hawaii teacher furlough policy on the quality of educational services in Hawaii. The research for this report was conducted during the second half of the 2009/2010 school year. The bulk of the performance data utilized in this report reflects the school and district-level performance from the 2008/2009 school year, a period during which no furlough policy was in place.

Further, our report was not designed to:

- Evaluate the efficacy or efficiency of Hawaii’s public schools, their programs, curriculum or educational standards or practices;
- Make any recommendations to DoD as to what policy actions, if any, they should be pursuing, or;
- Assess the extent to which military families are satisfied with the Hawaii public schools and their educational service offerings.

Rather, as noted above, our focus was on compiling and analyzing performance and other publicly available and relevant educational data in the service of assessing how well military impacted public schools in Hawaii meet the state’s own standards and how Hawaii’s performance compares to that of selected other school systems serving military connected students.

We now turn our attention to the question of the extent to which Hawaii’s “military impacted”<sup>4</sup> public schools meet the state’s own standards for educational proficiency in Reading and Mathematics.

---

<sup>4</sup> For the purposes of this report, “military impacted” schools are defined as those schools that have ten percent and/or fifty or more military connected students. Schools that do not meet these criteria are not the focus of this analysis. However, school-level data for all public schools in Hawaii are available in Appendices. This is the same definition used by the HI DOE and a more inclusive definition than that used by the Joint Venture Educational Forum (JVEF).

---

## How well do the Hawaii Public Schools meet their own standards?

### The Hawaii State Assessment Testing System

Like all fifty states, Hawaii has a testing framework in place that is designed to comply with the requirements of No Child Left Behind (NCLB). The Hawaii State Assessment (HSA) tests students in the third through tenth grades in reading and mathematics, as well as, in science and writing in selected other grades. HSA tests are criterion referenced and are based on the Hawaii Content and Performance standards.<sup>5</sup>

Test scores are reported by the percentage of students at several proficiency bands (well below, approaches, meets, and exceeds). The percentage of students who meet or exceed proficiency is used as the basis for evaluating whether individual schools are making Adequate Yearly Progress (AYP) as defined under NCLB.

The following analysis examines school level performance on the Reading and Mathematics HSA tests in the third, fifth, eighth and tenth grades during the 2008/2009 school year. School performance is considered both in an absolute sense (the percentage of student test takers that scored at or above the state's proficiency threshold) as well as in light of the socioeconomic status (using the percentage of students eligible for free or reduced lunch as a proxy measure) of the student body or what we refer to as the "Effectiveness Index" (EI).

### The Effectiveness Index (EI)

The goal of the EI model<sup>6</sup> is to allow for the comparison of test scores for each school within a given state or district to other schools within that state or district in a manner that considers (and controls for) the poverty level of the student body. The EI model used in this report is a streamlined version of one originally developed at the University of Massachusetts by Dr. Robert Gaudet.<sup>7</sup>

The EI model is used to predict where a given school is expected to score on a given test considering its student poverty level and it represents the difference between the predicted and the actual score. This difference, or residual value, indicates whether the school has scored above or below the predicted value, controlling for student socioeconomic status as a factor contributing to school performance on the HSA. The descriptive analysis of school performance that follows examines both the absolute test proficiency levels of Public Schools in Hawaii along with the degree to which they perform above and below predicted levels based on the EI model's estimate of the relationship between student poverty status and test proficiency in Hawaii.

---

<sup>5</sup> For a general sense of the state standards, see <http://www.hsaitems.org/WhatExpected/>. For more background on the HSA, see Appendix A.

<sup>6</sup> For additional information on the EI methodology employed in this analysis, see Appendix A.

<sup>7</sup> Robert D. Gaudet, "Education achievement communities: A new model for "kind of community" in Massachusetts based on an analysis of community characteristics affecting educational outcomes" (January 1, 1998). *Electronic Doctoral Dissertations for UMass Amherst*. Paper AAI9841870. <http://scholarworks.umass.edu/dissertations/AAI9841870>



---

It is worth reflecting on what the term “proficiency” means in this context and to offer a cautionary note on how criterion referenced tests like the HSA can be easily misinterpreted.

### **What does it mean to be “proficient”?**

While NCLB requires that each state assess the proficiency of its students in both reading and mathematics, it also allows each state to set its own standards as well as design and administer its own assessment system. This makes directly comparing the proficiency of students from different states impossible, as they are being evaluated using different tests and being held to different academic standards.

Absent a solid basis for direct comparison, analysts and policymakers face a major challenge when interpreting the results of these various state assessments. Are high levels of proficiency in a given state evidence of meaningful educational achievements or the by-product of low standards and/or an easier test? This dilemma is compounded by the pressures faced by states that can lead to what the Fordham Foundation and the Northwest Evaluation Association referred to as the “Proficiency Illusion” in a 2007 report.<sup>8</sup>

This report, while attempting to assess the rigor of state proficiency “cut scores” found, among other things, that, “while NCLB does not seem to be leading to a broad ‘race to the bottom,’ with the majority of states dramatically lowering standards under pressure from NCLB, the report did find a ‘walk to the middle,’ as some states with high standards saw their expectations drop toward the middle of the pack.”<sup>9</sup> These changes in state educational standards make it even more difficult to determine the extent to which students are making meaningful progress towards academic proficiency, ironically the stated purpose of the NCLB legislation.

In an effort to help analysts and policymakers better deal with some of these issues, researchers affiliated with the US Department of Education’s National Center for Education Statistics (NCES) have developed a method that “offers an approximate way to assess the relative rigor of the states’ adequate yearly progress (AYP) standards.”<sup>10</sup> This method allows state proficiency assessments to be compared by “mapping” them on a common scale, in this case the National Assessment of Educational Progress (NAEP), also known as the “Nation’s Report Card”. So while one still cannot directly compare outcomes across states, one can assess the rigor of different state assessments by mapping them to the NAEP scale and then assessing their relative position on this common standard. This allows those interested in better understanding school and student outcomes a limited but important means to interpreting state proficiency data in a comparative context. It provides a general sense of the relative rigor of the state standards and by extension the assessments upon which claims about student proficiency are based.

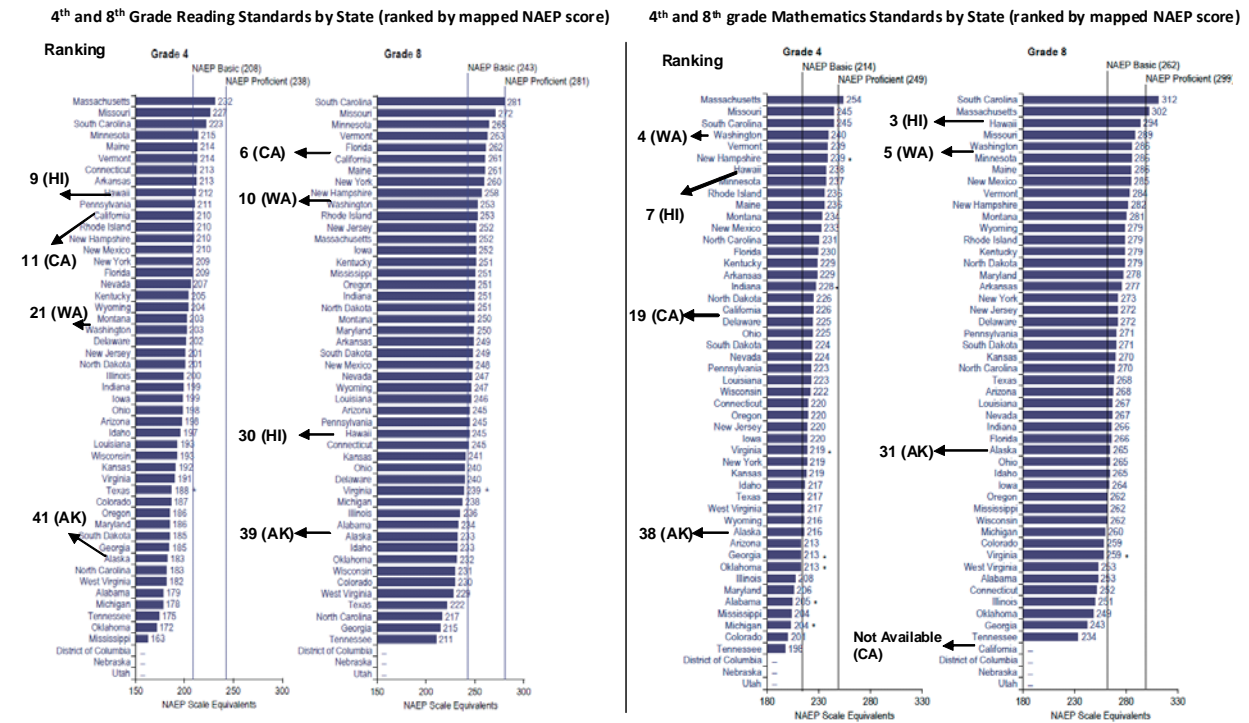
---

<sup>8</sup> Cronin, Dahlin, Adkins and Kingsbury, “The Proficiency Illusion”, available at: [http://www.edexcellence.net/detail/news.cfm?news\\_id=376](http://www.edexcellence.net/detail/news.cfm?news_id=376)

<sup>9</sup> Ibid.

<sup>10</sup> See Mapping State Proficiency Standards, onto NAEP Scales: 2005-2007, available at: <http://nces.ed.gov/nationsreportcard/pubs/studies/2010456.asp>

## National Rankings of State Proficiency Assessments (by NAEP scale equivalent score)



Source: National Center for Education Statistics, Mapping State Proficiency Standards Onto NAEP Scales: 2005-2007

While caution must be used in interpreting the rankings contained in the preceding figure inasmuch as the different state assessments are designed with different goals and objectives in mind,<sup>11</sup> the NCES analysis suggests that the State of Hawaii’s standards are relatively rigorous when examined through the lens of their NAEP mapping method. With the exception of the eighth grade reading assessment (where Hawaii ranked 30th), the other mathematics and reading assessments offered in years where the NAEP is also offered all rank in the top ten. This suggests that the state standards in Hawaii are not “soft” in the sense that the proficiency target is set at a level that implies a relatively high NAEP score. The relative degree of difficulty of the proficiency target used by the HSA is worth keeping in mind as we examine performance on the Reading and Mathematics HSAs.

<sup>11</sup> For a discussion of concerns raised by some researchers about the NCES Mapping methodology, see Ho, A., and Haertel, E. (2007). *Apples to Apples: The Underlying Assumptions of State-NAEP Comparisons* (Research brief).

## Comparing “proficiency” and “effectiveness”



These data are presented in a series of “scatter-plot” diagrams designed to both help the reader readily identify where the socioeconomic status of the students of a given school appears to have been a contributing factor (for the better or the worse) in the school’s proficiency score. It is also designed to compare the absolute proficiency levels of different schools.

First, data are presented for all eligible<sup>12</sup> public schools in Hawaii administering a given HSA Reading or Mathematics test in SY 2008/2009. Then the data are presented for military impacted schools only. The following performance data is based on test results that occurred prior to the implementation of Hawaii’s school furlough policy. Accordingly, they do not and cannot reflect any performance impact of the reductions in instructional time associated with that policy. All test score and free and reduced price lunch data for Hawaii were obtained from the Hawaii Department of Education and the EI calculations were made by UMDI.

### Effectiveness Index: Military impacted elementary schools

#### Reading

##### Grade 3 Reading

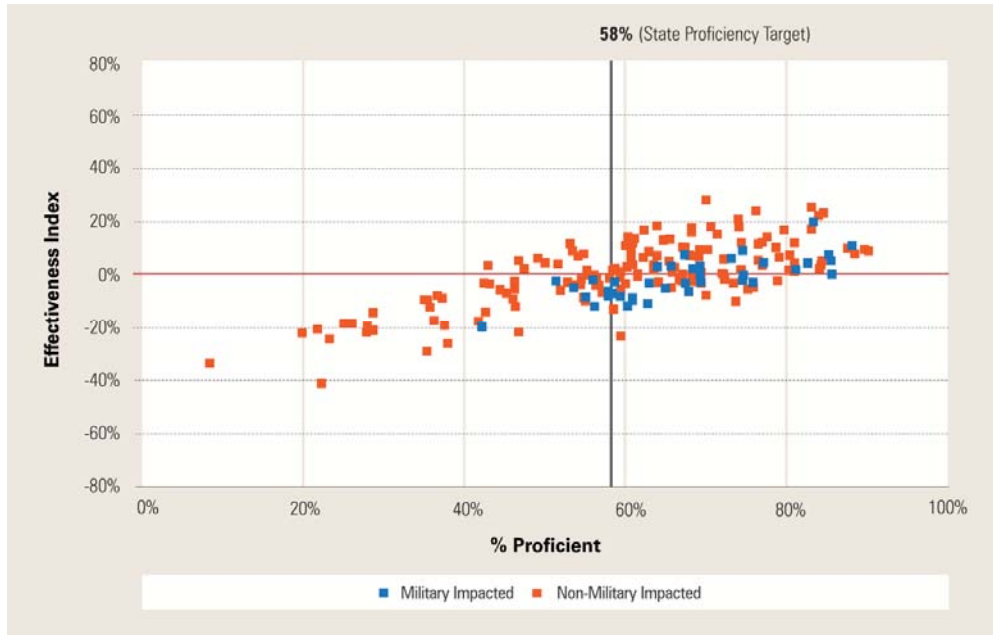
As can clearly be seen in the chart below, school level performance on the third grade Reading HSA includes numerous schools that score above or fall below the state’s 58 percent proficiency target.

Notably, schools scoring above the proficiency target appear more likely to score at or above the predicted score, while those failing to meet the target predominately fall below the predicted score. Clearly, the socioeconomic status of the students is a partial but by no means the only plausible

<sup>12</sup> Only schools where more than 10 students took a given test are included in this analysis.

explanation for these outcomes and the variable ability of individual schools to demonstrate student proficiency on this test.

### SY 08/09 Grade 3 Reading Performance, All Elementary Schools



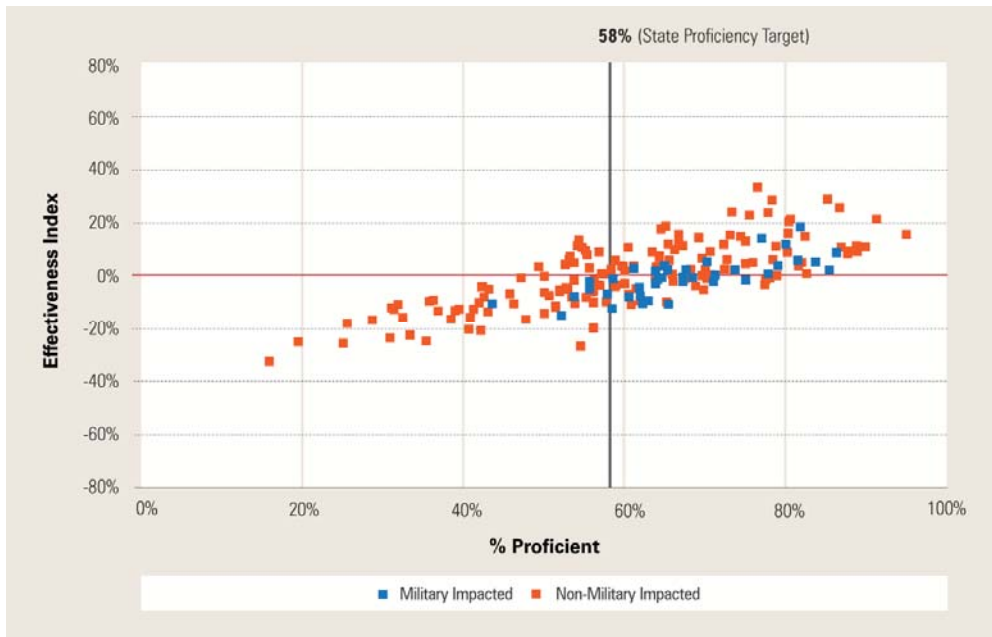
### SY 08/09 Grade 3 Reading Performance, All Military Impacted Schools



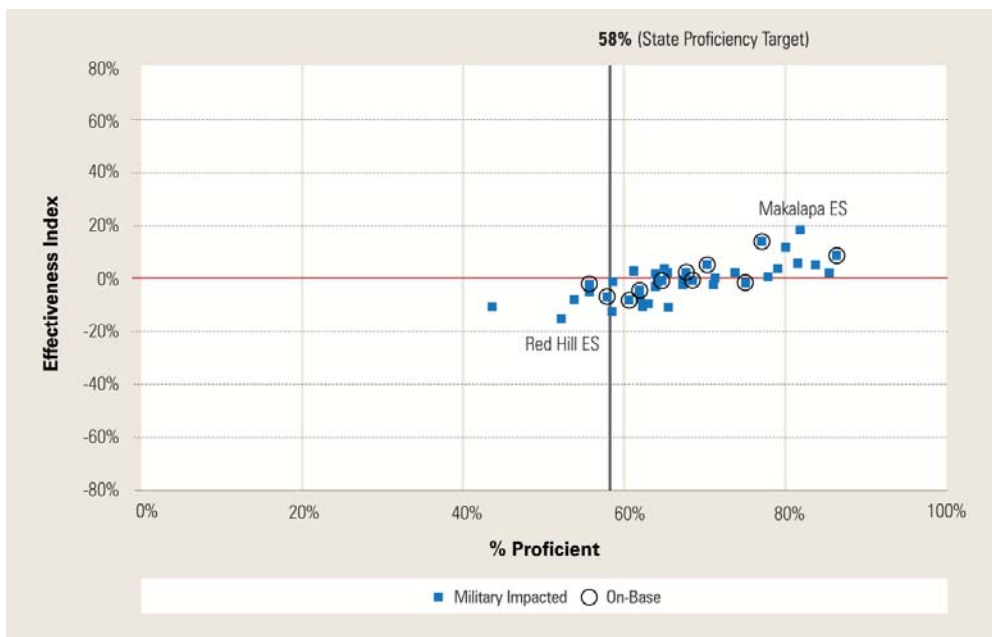
### Grade 5 Reading

A largely similar performance profile is seen in the fifth grade Reading HSA results, with high performing schools scoring above and low performing schools scoring below the EI predicted score. Also notable is the wide range of absolute proficiency scores (from under 20 percent to over 90 percent). As seen in the following chart, Hawaii is home to both some very strong schools and very weak schools as measured by performance on the fifth grade Reading HSA.

**SY 08/09 Grade 5 Reading Performance, All Elementary Schools**



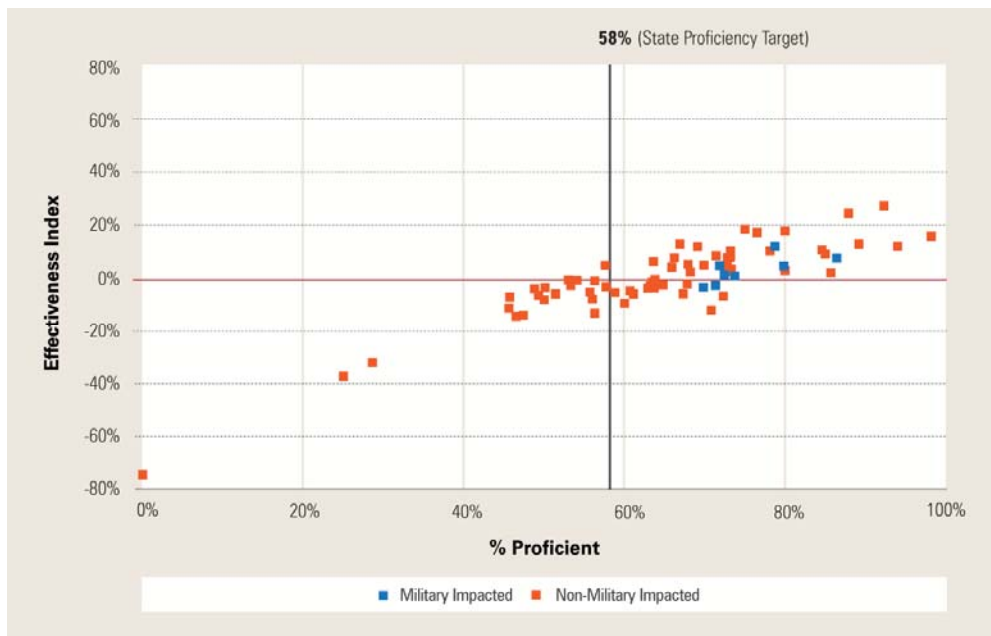
**SY 08/09 Grade 5 Reading Performance, All Military Impacted Schools**



### Grade 8 Reading

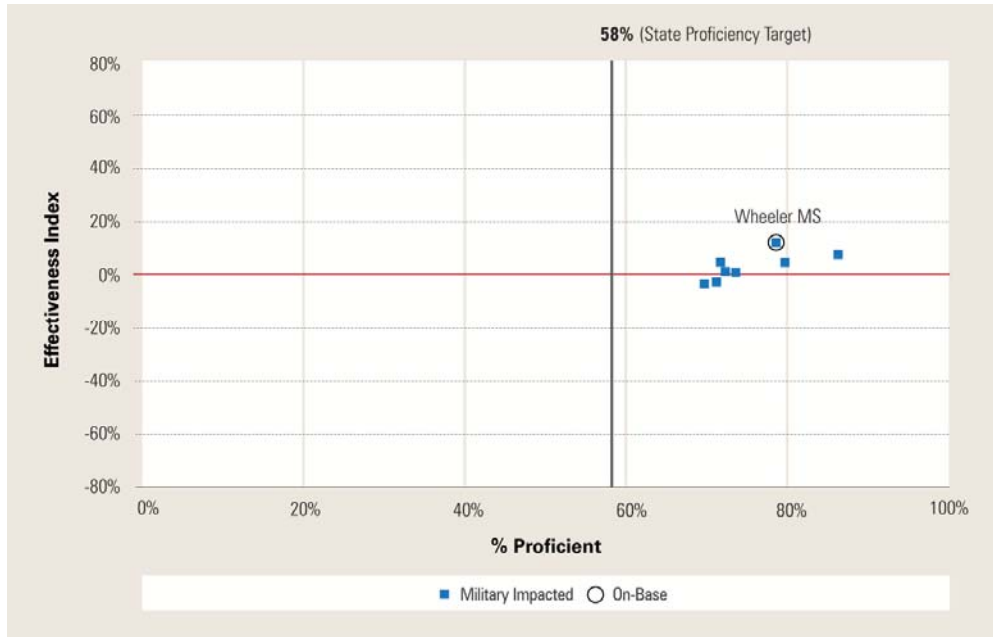
While overall reading performance improves significantly during the middle school years, as measured by performance on the eighth grade Reading HSA, the gap between higher and lower performing schools widens considerably. As seen in the following chart, Hawaii is home to a small number of middle schools that perform very poorly on this test and below the levels (some well below) predicted by the EI. Continuing a pattern seen in the elementary school reading assessments, those schools that meet or exceed the state proficiency target tend to score above the predicted EI score while those schools whose scores fail to meet the standard generally “underperform” on the EI.

**SY 08/09 Grade 8 Reading Performance, All Middle Schools**



A closer examination of the military impacted middle schools reveals uniformly strong performance on the eighth grade Reading HSA. Each of these schools exceeds the state’s 58 percent proficiency target by a wide margin and scores at or near the level predicted by the EI model.

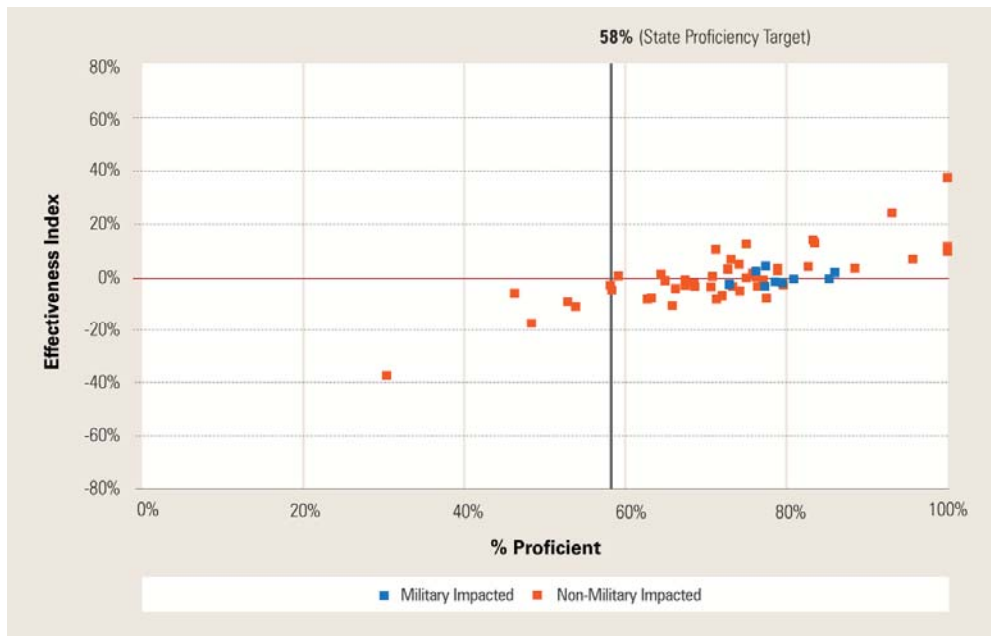
**SY 08/09 Grade 8 Reading Performance, All Military Impacted Schools**



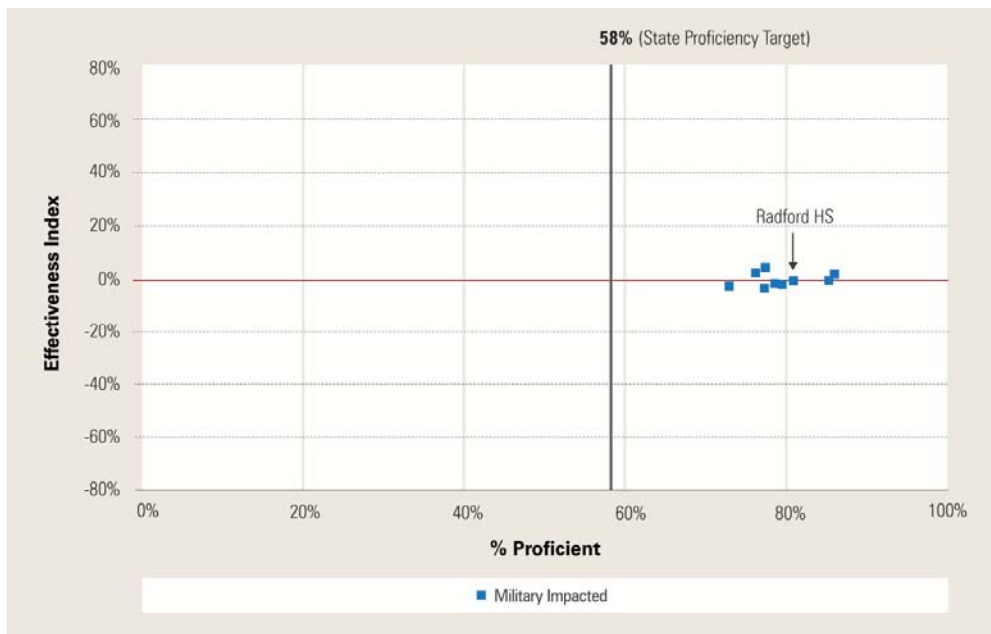
### Grade 10 Reading

A similarly strong performance profile is seen in the tenth grade Reading HSA results. As was the case in the middle schools, the vast majority of public high schools in Hawaii are meeting or exceeding the state proficiency target on this assessment. Each of the five high schools that fail to meet the state standard also perform below the level predicted by the EI, in some cases well below, while several schools are approaching, or have reached, one hundred percent proficiency. Each of the nine military impacted high schools exceeded the state proficiency target for tenth grade reading and performed at or just above the level predicted by the EI.

**SY 08/09 Grade 10 Reading Performance, All High Schools**



**SY 08/09 Grade 10 Reading Performance, All Military Impacted Schools**





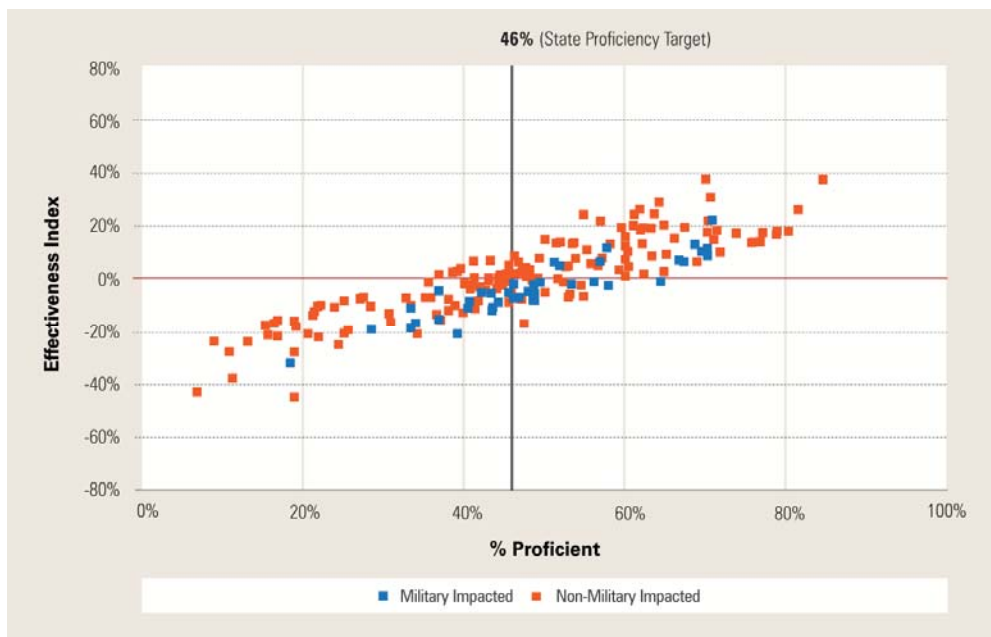
Overall, as measured by performance on the Reading HSA, proficiency in military impacted elementary, middle and high schools generally meets or exceeds the target set by the state of Hawaii. Proficiency levels are higher in middle and high school than in the elementary schools where the performance profile is more mixed, but nevertheless generally strong.

## Math

### Grade 3 Math

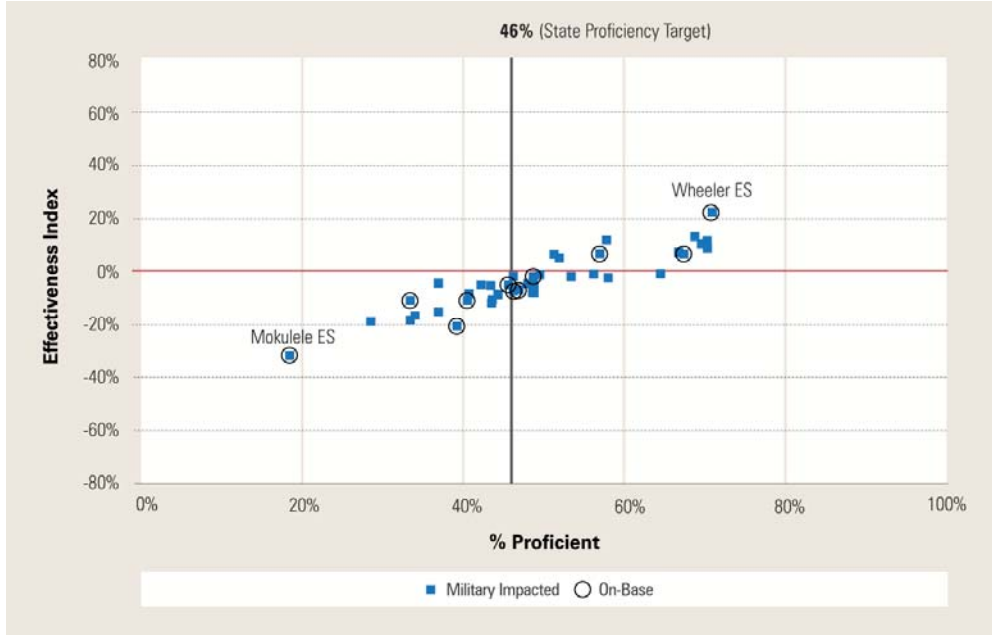
The following chart highlights the wide range in school level performance on the third grade Mathematics HSA. A “feast or famine” pattern is apparent as those schools that meet or exceed the state proficiency target are also more likely to meet or exceed the prediction of the EI model. Conversely, those schools that fall below the state proficiency standard are disproportionately likely to score below predicted values when the socioeconomic status of their students is considered.

**SY 08/09 Grade 3 Math Performance, All Elementary Schools**



A similar pattern is in evidence for military impacted elementary schools with a much more significant range in proficiency scores than that seen in the third grade reading assessment results. At the extremes are two “on-base” schools. Wheeler Elementary School can be found at the high end where its absolute proficiency is well in excess of the 46 percent state proficiency target and over twenty percentage points above its EI prediction given the socioeconomic status of the students it serves. On the other end of the spectrum, Mokulele Elementary School has fewer than two in ten students proficient, over thirty percentage points below where the EI predicted. In fact, if Mokulele ES performed as predicted by the EI, it would have met the state proficiency standard for 3rd grade math.

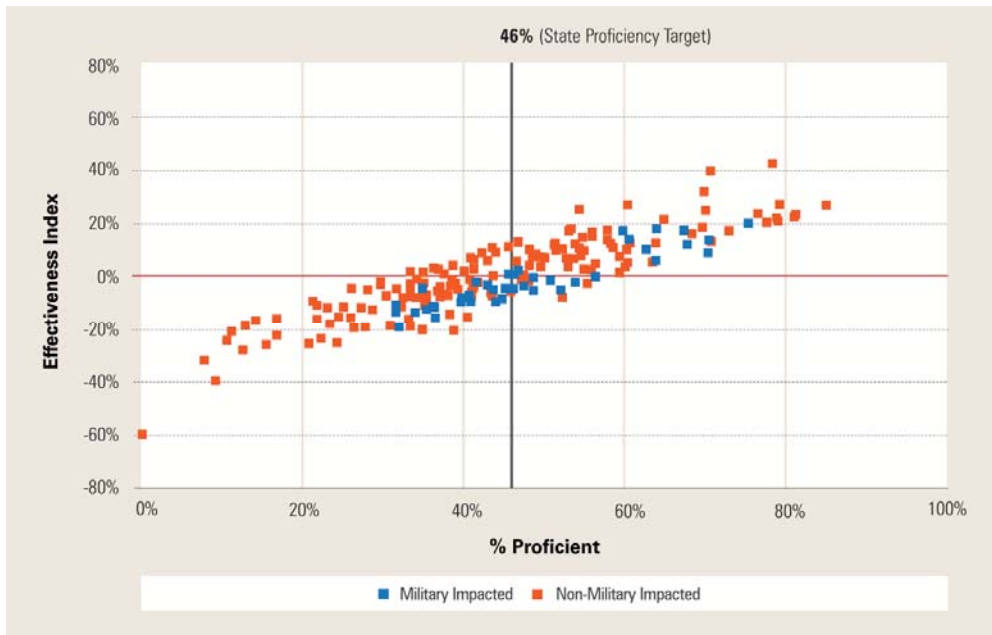
**SY 08/09 Grade 3 Math Performance, All Military Impacted Elementary Schools**



**Grade 5 Math**

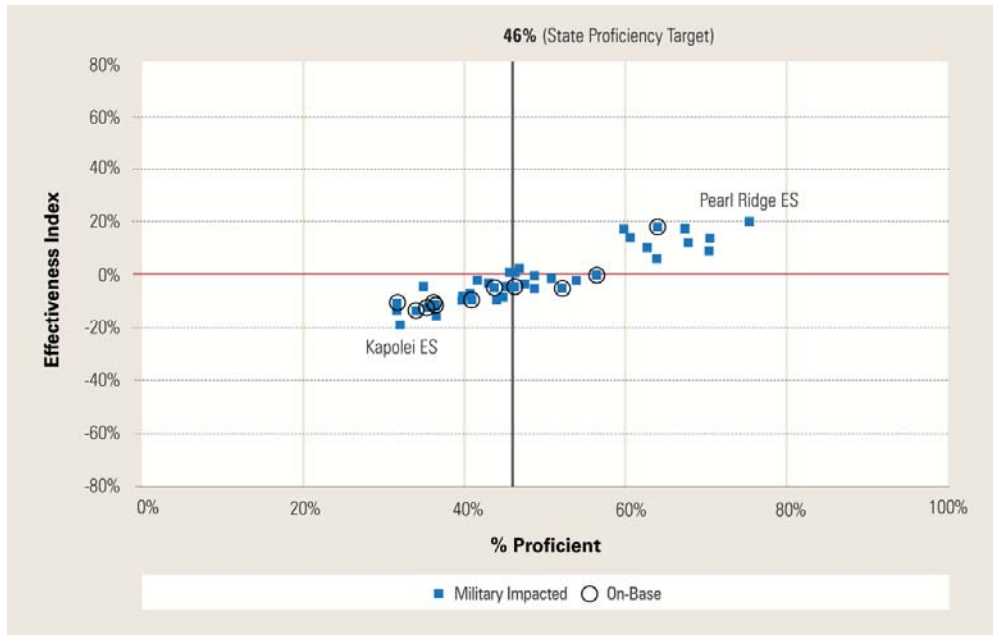
If one compares the data contained in the following chart to the same data for third grade math, the state’s math proficiency profile noticeably worsens between the third and fifth grades. The numbers of schools that fall in the lower left quadrant (below proficiency and negative EI) is larger and the “feast or famine” pattern noted previously has become more pronounced.

**SY 08/09 Grade 5 Math Performance, All Elementary Schools**



This same pattern can be found in the military impacted elementary schools where about half of the elementary schools are meeting or exceeding the state proficiency target. The others often fall well below the target and what the EI predicts by ten or more percent. Overall, elementary school performance on the third and fifth grade HSA in mathematics is quite mixed with some schools excelling and others failing to meet the state proficiency targets, in some cases by a significant margin.

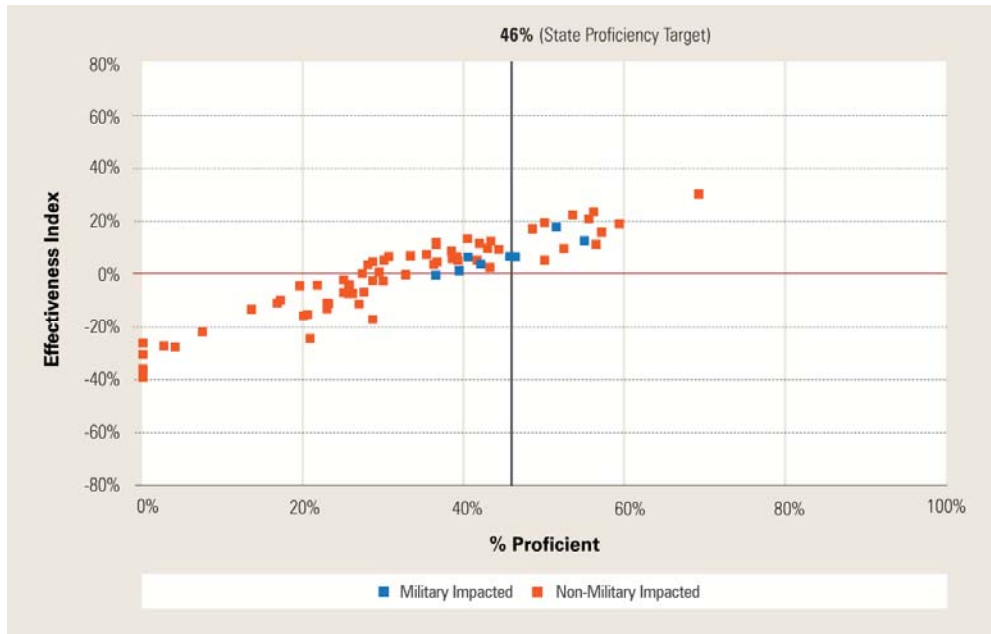
**SY 08/09 Grade 5 Math Performance, All Military Impacted Schools**



### Grade 8 Math

The math proficiency picture darkens fairly dramatically when the eighth grade Mathematics HSA is considered. As the following chart demonstrates, a majority of middle schools fail to meet the state’s 46 percent proficiency target. Some of the lowest scoring schools are also scoring below what the EI predicts by almost 40 percentage points. However, it is worth noting that a number of middle schools that are not meeting the state proficiency target are performing at or above where the EI predicted.

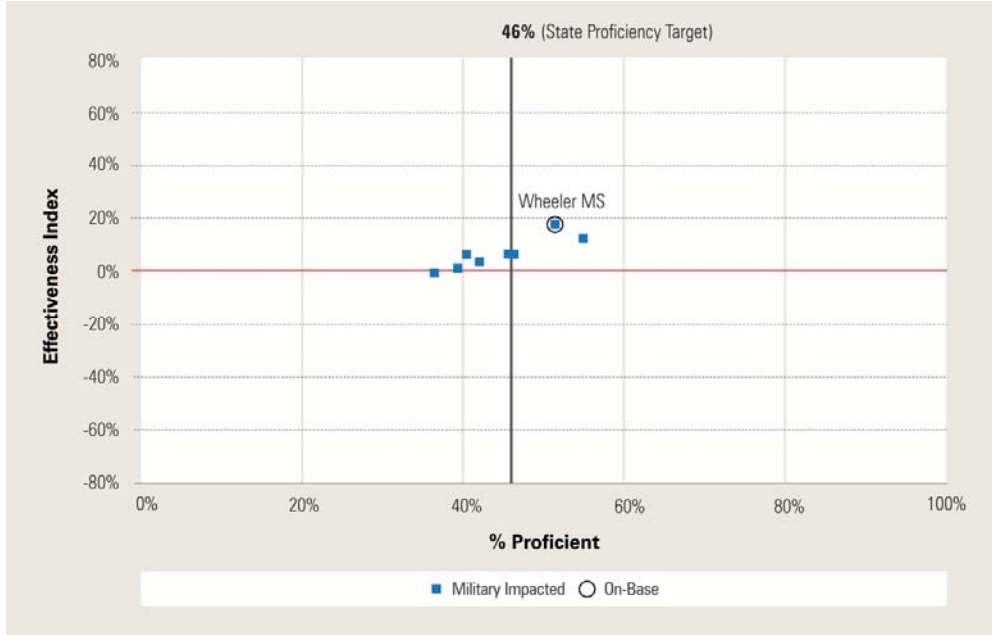
**SY 08/09 Grade 8 Math Performance, All Middle Schools**



Military impacted middle schools exhibit a similar performance pattern when viewed through the lens of the eighth grade HSA in mathematics. While most do not meet the state proficiency target, almost all are performing at or above the scores predicted by the EI model. It bears repeating that the relative difficulty of the test (and/or the standards on which the test is based) may be a significant part of the explanation for these results. As noted in the figure on page 7, a recent NCES analysis suggests that Hawaii’s eighth grade math assessment is the third most difficult in the nation.<sup>13</sup>

<sup>13</sup> See “Mapping State Proficiency Standards”, op.cit.

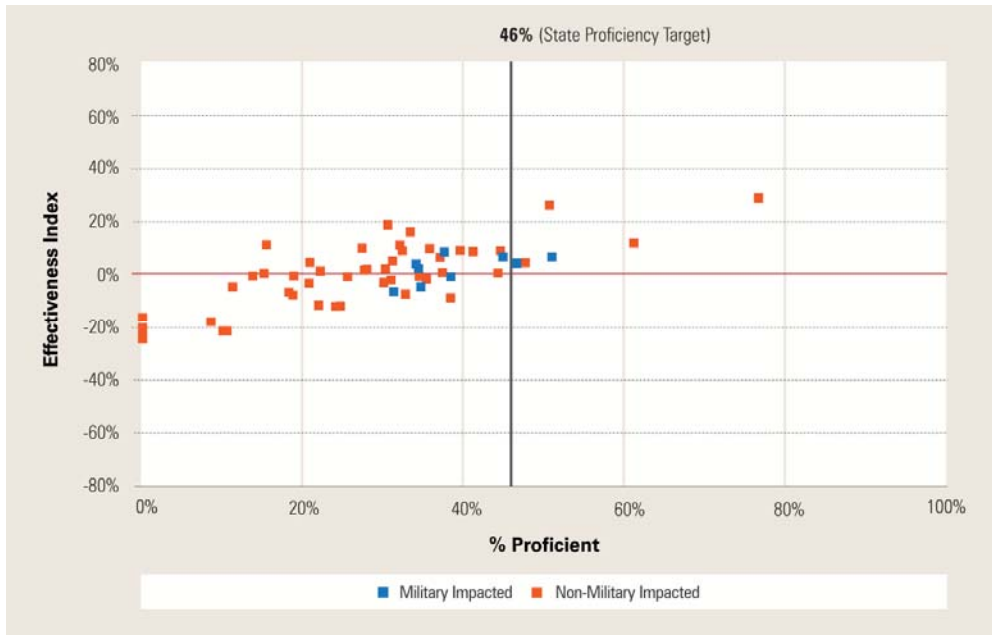
**SY 08/09 Grade 8 Math Performance, All Military Impacted Schools**



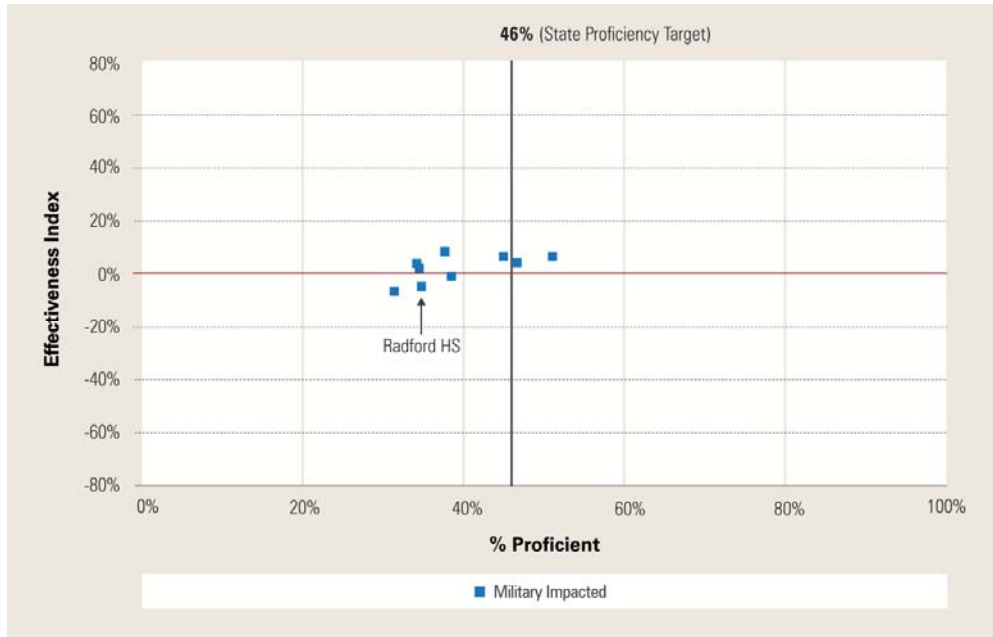
**Grade 10 Math**

With just over a handful of exceptions, the performance of public high schools in Hawaii on the math assessment was well below the state proficiency target of 46 percent. Military impacted high schools fared similarly.

**SY 08/09 Grade 10 Math Performance, All High Schools**



**SY 08/09 Grade 10 Math Performance, All Military Impacted Schools**



**No Child Left Behind outcomes in military impacted schools**

Whether or not a given school meets AYP is largely a function of its performance on the HSA. However, these data shed light on student performance within demographic sub-groups served by the military impacted schools. Before examining these data in detail, a brief discussion of how NCLB outcomes are defined by the state of Hawaii is necessary.

As is described in the table below, the AYP status of Hawaii’s public schools can be classified into one of seven categories. Those schools that have met the NCLB requirements in the most recent year are said to be *In Good Standing, Unconditional*. If a given school fails to meet its AYP requirements in a given year, its status changes and can range from *In Good Standing, Pending* (if it has missed the target for just one year) to *Restructuring* (if it has missed its target for six or more years).

	<b>Status</b>
If a school <b>made AYP for two or more consecutive years</b>	In Good Standing, Unconditional (IGSU)
If a school does not make AYP for <b>one year</b>	In Good Standing, Pending (IGSP)
If a school does not make AYP for <b>two consecutive years</b>	School Improvement, Year 1 (SIY1)
If a school does not make AYP for <b>three consecutive years</b>	School Improvement, Year 2 (SIY2)
If a school does not make AYP for <b>four consecutive years</b>	Corrective Action (CA)
If a school does not make AYP for <b>five consecutive years</b>	Planning for Restructuring (PR)
If a school does not make AYP for <b>six or more consecutive years</b>	Restructuring (R)

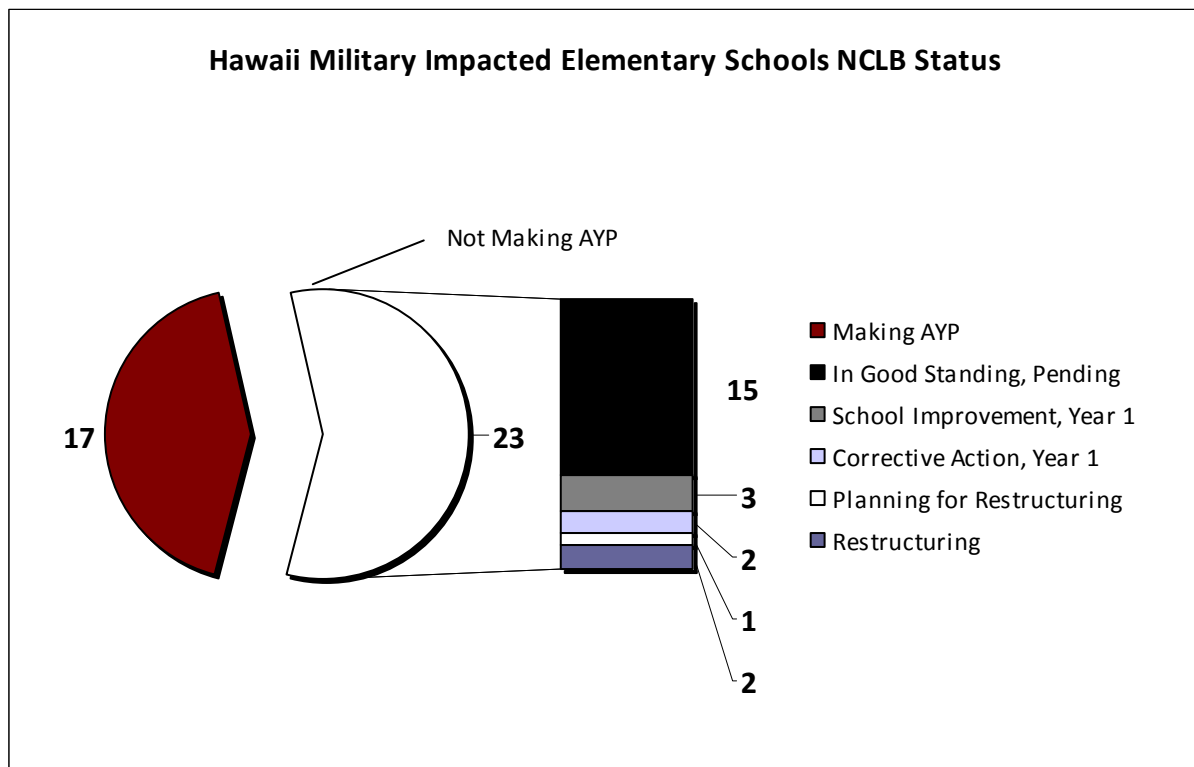
In order to fulfill AYP requirements, a school must not only meet its proficiency target on the reading and mathematics tests for the student body overall, but also for each of its demographic sub-groups. These sub-groups include race and ethnicity, “disadvantaged” (eligible for free or reduced lunch),

special education, and English Language Learners (ELL). Additionally, the school must have met its target participation rate for both tests for the entire student body, as well as for each student subgroup. Schools must also meet other outcome targets such as graduation rate and retention rate. Thus, knowing whether in a given year an individual school has made AYP or not only tells you part of what is happening. For a more complete story, one must take a closer look at why.

### Military impacted elementary schools

In SY 2008/2009, 23 of the 40 military impacted elementary schools did not meet their AYP targets. As seen in the following chart, 15 of those 23 missed the target for one year only and are therefore considered *In Good Standing, Pending*, while the remaining 8 missed for more than one year and therefore attained a lower NCLB status.

Military Impacted Elementary Schools by NCLB Status, SY 08/09



Source: Hawaii Department of Education

The following table summarizes the areas where each of the 23 military impacted elementary schools failed to hit their NCLB targets. Presented in this way, a clear pattern emerges. By far the most common reason for the failure of these schools to make AYP was the inability of their low-income students to demonstrate proficiency on the Mathematics HSA. Schools highlighted in light yellow indicate military impacted schools located on-base.

**Military Impacted Elementary Schools, Not Making AYP, SY 08/09**

Hawaii MI Schools	Enrollment	Percent Military	NCLB Status	Reading Proficiency			Math Proficiency				
				Disadvantaged	Disabled	Asian/Pacific Islander	Disadvantaged	Disabled	ELL	Asian/Pacific Islander	
Solomon ES	1,210	99.9%	IGSP			X	X				X
Hale Kula ES	813	98.4%	IGSP				X				
Mokapu ES	830	96.1%	IGSP				X				
Pearl Harbor Kai ES	683	93.9%	IGSP		X			X			
Red Hill ES	443	64.6%	IGSP	X			X				X
Pearl Harbor ES	611	55.3%	IGSP				X				
Iroquois Point ES	741	42.2%	IGSP				X				X
Keoneula ES	815	35.2%	SIY1	X			X				
Helemano ES	520	32.9%	PR	X							
Pearl City ES	562	27.8%	IGSP				X				
Makalapa ES	406	24.4%	IGSP				X				
Webling ES	503	24.1%	IGSP				X				
Kainalu ES	518	19.7%	IGSP				X				X
Barbers Point ES	542	18.3%	IGSP				X				
Holomua ES	1,437	16.4%	SIY1				X				
Wahiawa ES	481	13.7%	Restructuring			X					
Mililani Ike ES	1,091	12.6%	IGSP		X			X			
Waikele ES	625	12.2%	IGSP				X				
Kaleiopuu ES	964	11.6%	CAY1				X				
Kapolei ES	1,090	10.9%	Restructuring	X	X		X	X			
Mauka Lani ES	585	10.8%	SIY1	X		X	X				X
Kipapa ES	640	10.6%	CAY1				X				
Ewa ES	1,010	6.6%	IGSP						X		

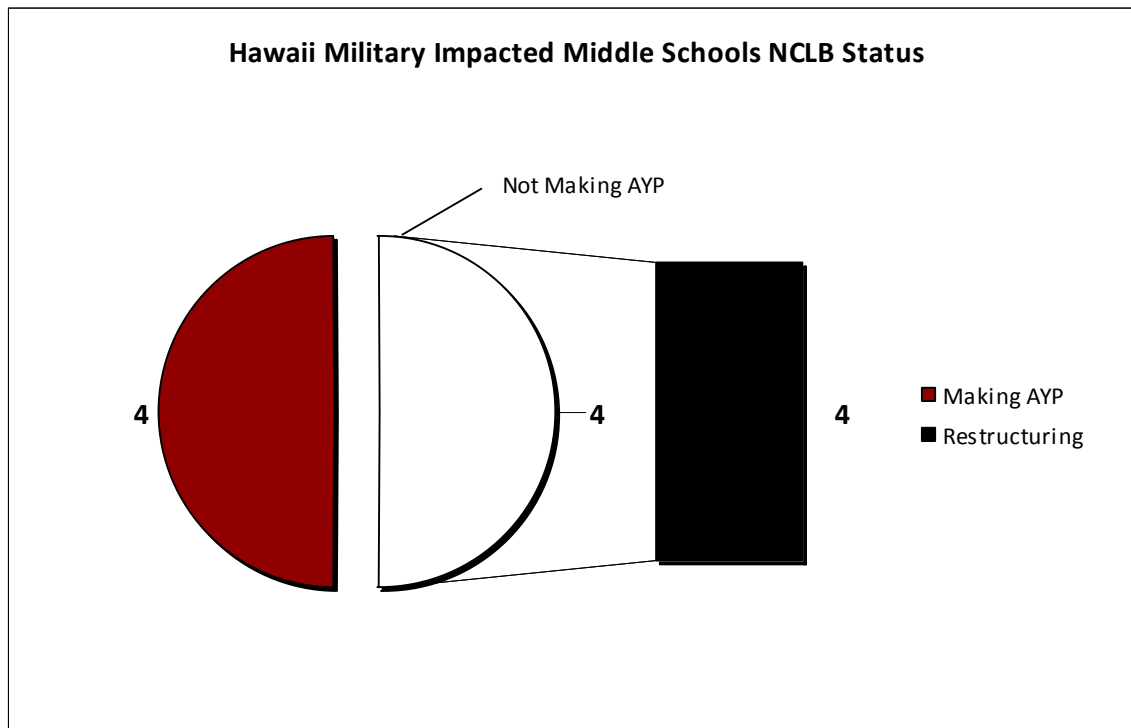
Source: Hawaii Department of Education



## Military Impacted Middle Schools

A similar pattern is evident in the military impacted middle schools where only 4 of the 8 middle schools met their requirements for making AYP. Strikingly, the 4 Middle Schools that failed to make AYP are all in *Restructuring*, indicating that they have been struggling to meet proficiency for some time. As the table below reveals, as was the case with the elementary schools, the problems are concentrated in the math proficiency of low-income students served by these schools.

**Military Impacted Middle Schools by NCLB Status, SY 08/09**



Source: Hawaii Department of Education

**Military Impacted Middle Schools, Not Making AYP, SY 08/09**

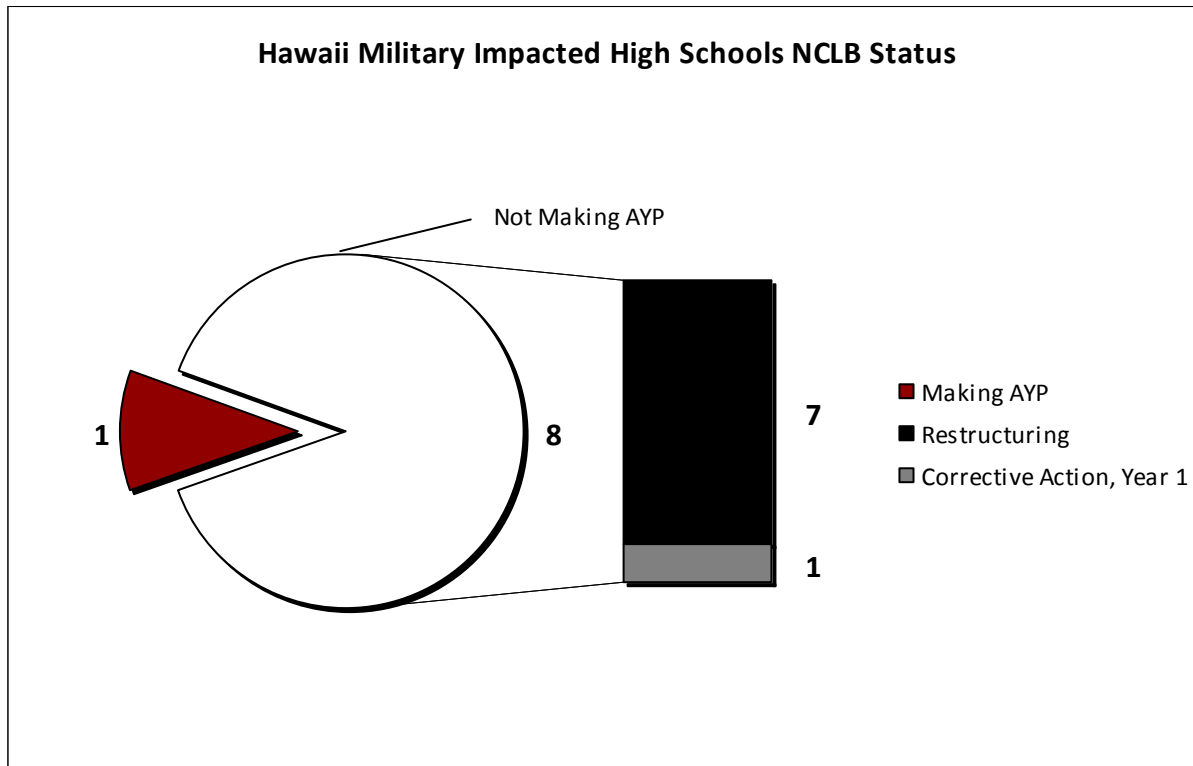
Hawaii MI Schools	Enrollment	Percent Military	NCLB Status	Reading Proficiency		Math Proficiency	
				Disabled	Disadvantaged	Disadvantaged	Disabled
Moanalua MS	917	35.4%	Restructuring		X		
Ilima IS	1,308	10.4%	Restructuring	X	X		X
Highlands IS	943	8.5%	Restructuring		X		
Mililani MS	1,740	8.1%	Restructuring		X		X

Source: Hawaii Department of Education

### Military Impacted High Schools

Viewed through the prism of NCLB requirements, military impacted high schools in Hawaii also appear to face great difficulties in demonstrating student proficiency on the HSA. Eight of 9 military impacted high schools did not make AYP. Seven of these 8 high schools are in *Restructuring* and one is in *Corrective Action, Year 1*.

Military Impacted High Schools by NCLB Status, SY 08/09



Source: Hawaii Department of Education

Continuing the pattern seen in the elementary and middle schools, military-impacted high schools did not make AYP largely due to math proficiency. As seen in the table below, at the high school level, these challenges extend beyond the “disadvantaged” student population into several other sub-groups, including the Asian and Pacific Islander and White student populations.

### Military Impacted High Schools, Not Making AYP, SY 08/09

Hawaii MI Schools	Enrollment	Percent Military	NCLB Status	Reading Proficiency	Math Proficiency			
				Disabled	Disadvantaged	Disabled	Asian/Pacific Islander	White
Radford HS	1,215	61.9%	CAY1		X		X	X
Leilehua HS	1,893	32.4%	Restructuring	X		X	X	
Moanalua HS	2,107	25.3%	Restructuring		X			
Kalaheo HS	840	22.5%	Restructuring		X			
Mililani HS	2,450	13.0%	Restructuring		X	X		
Kapolei HS	2,050	10.4%	Restructuring		X	X	X	
Pearl City HS	1,850	7.0%	Restructuring	X	X	X	X	
Aiea HS	1,171	5.2%	Restructuring		X		X	

Source: Hawaii Department of Education

A comprehensive analysis of how each of the comparison districts performs on their respective state assessments, including the EI and NCLB data, can be found in Appendix A (sections II b and II c).<sup>14</sup>

### How safe are Hawaii's Public Schools?

Hawaii monitors the frequency of disciplinary incidences among students in each public school. Incidences are monitored by type: violent incidences, property incidences and illicit substance incidences.

Disciplinary incidences for all public schools in Hawaii were aggregated by type for elementary, middle and high schools and calculated on a basis of incidences per 1,000 students. As shown in the table below, for every incidence category and at every school level, there were fewer incidences per 1,000 students in military impacted schools than in non-military impacted schools, often by wide margins.

#### Hawaii Public School Disciplinary Incidents per 1,000 Students, SY 2008/2009

		Non-Military Impacted	Military Impacted
Elementary	Violent incidences	4.6	2.6
	Property incidences	1.1	0.6
	Illicit substance incidences	0.8	0.1
Middle	Violent incidences	64.9	41.9
	Property incidences	16.2	10.4
	Illicit substance incidences	17.2	11.2
High	Violent incidences	19.3	14.7
	Property incidences	9.0	6.8
	Illicit substance incidences	24.1	15.8

Source: Hawaii Department of Education, calculations by UMDI

While incidences of all types were relatively rare in elementary schools, violent and property incidences were nearly 80 percent more common in non-military impacted than in military impacted schools. Illicit substance incidences, even less frequent in elementary schools, were over seven times more common in non-military

<sup>14</sup> DDESS is not subject to the requirements of NCLB and therefore no such data are available.

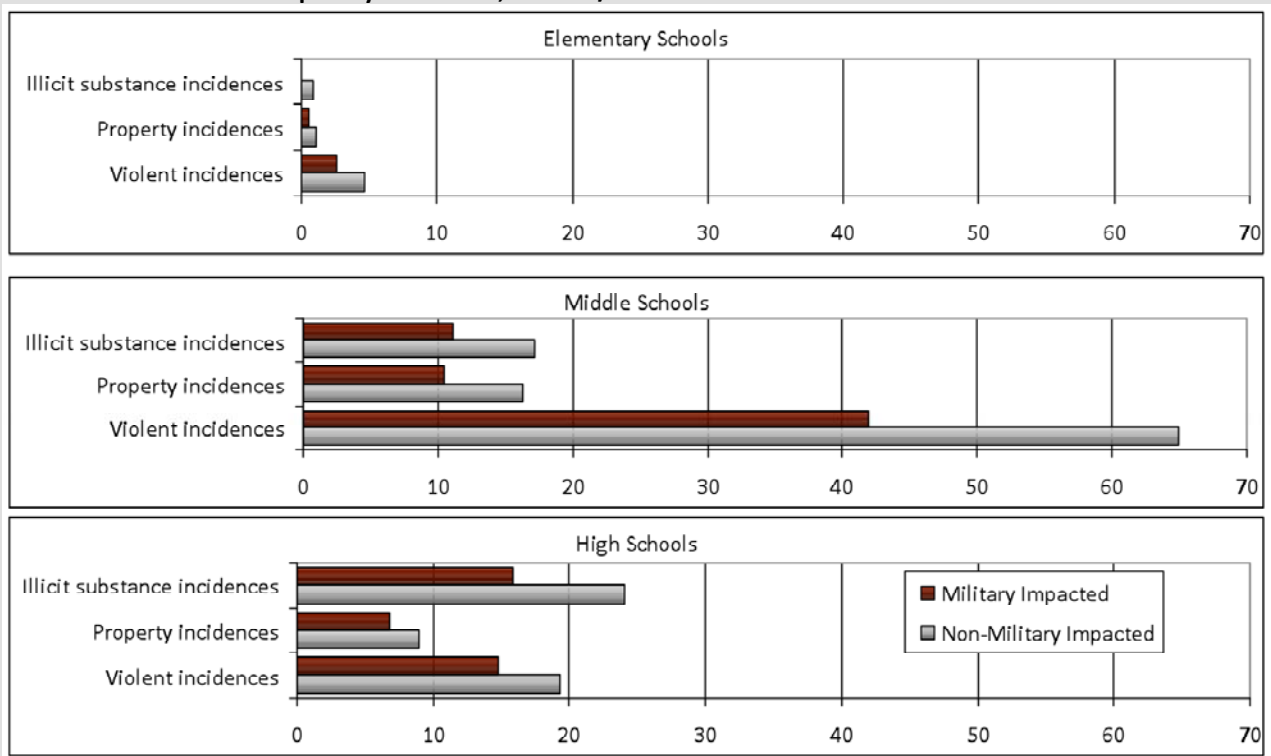
impacted elementary schools, with incidences of 0.8 per 1,000 students, versus 0.1 incidences per 1,000 students in military impacted schools.

Middle schools had the highest incidences of violent and property offenses among all school levels, for both military impacted and non-military impacted schools. Violent offenses were particularly common among middle school students, with 41.9 and 64.9 incidences per 1,000 students in military and non-military impacted schools, respectively – making violent offenses 50 percent more common in non-military middle schools.

Property offenses were also relatively common in middle schools, with 10.4 offenses per 1,000 students and 16.2 offenses per 1,000 students for military and non-military impacted schools, respectively. Again, approximately 50 percent more illicit substance incidences were reported in non-military middle schools than in military impacted middle schools, with 17.2 and 11.2 incidents per 1,000 students, respectively.

Both military impacted and non-military impacted high schools had higher incidences of illicit substance offenses than their middle school counterparts, with 15.8 and 24.1 incidents per 1,000 students, respectively. These incidences were over 50 percent more frequent in non-military impacted than in military impacted high schools.

**Hawaii Public Schools Disciplinary Incidences, SY 2008/2009**



Source: Hawaii Department of Education, calculations by UMDI

In this respect, Hawaii looks very similar to the nation. The NCES reports<sup>15</sup> similar rates of disciplinary issues and, significantly, the incidence of disciplinary problems is much higher in middle schools nationally than in elementary or high school settings.

<sup>15</sup> See [http://nces.ed.gov/programs/crimeindicators/crimeindicators2008/tables/table\\_06\\_2.asp?referrer=report](http://nces.ed.gov/programs/crimeindicators/crimeindicators2008/tables/table_06_2.asp?referrer=report).

---

The question of whether the schools in Hawaii are safe is not simply an empirical one. Counting the number of disciplinary incidents does not capture the intensity of any individual incident or the perception of safety an individual student or parent may feel or not feel. However, what can be safely concluded from these data is that they provide no evidence to support anecdotal reports that military connected students are “targeted” in Hawaii’s public schools. If anything, these data support the opposite conclusion.

---

## How does Hawaii compare to the other districts of interest?

A key research question of this report concerns how the public schools in Hawaii compare to public schools in school districts that serve military connected students in “contiguous” states. In this section, we review the availability of programs and services in the districts of interest and, where possible, compare performance outcomes. Understanding Hawaii’s performance in comparative terms is essential to the DoD’s ability to determine whether policy action is both warranted and legally justified.

As discussed earlier in this report, geographically speaking there are no states that are contiguous to Hawaii. Consequently, at the outset of this study, DoDEA identified several districts for examination. They are:

- The Anchorage, AK School District (which serves Joint Base Elmendorf-Richardson)
- The Clover Park School District in Lakewood, WA (which serves Joint Base Lewis-McChord)
- The Travis Unified School District in Fairfield, CA (which serves Travis AFB)
- The San Diego Unified School District in San Diego, CA (which serves Naval Station San Diego and Marine Corps Air Station Miramar), and
- The Domestic Dependent Elementary and Secondary Schools (DDESS) system (serving sixteen military installations in the continental US, primarily in the southeast).

### Programs and services comparison

Selected program information was gathered to compare the presence or absence of various programs and services in the districts of interest. As part of the project, field visits were made by the research team during January and February 2010 to at least one elementary school, middle school and high school in each of the comparison districts. No DDESS school visits were made.

Using the inventory below, Hawaii appears to be generally comparable to the other districts of interest and is particularly strong in its Counselor/Student ratio. Additionally, like San Diego and DDESS, Hawaii offered full day kindergarten in all of its elementary schools. DDESS is the only district that offers universal pre-kindergarten.

**Programs and Services by Comparison District, SY 2008-2009**

	Hawaii	Anchorage	Clover Park	San Diego	Travis	DDESS
<b>School Choice</b>						
<i>Intra-district</i>	✓	✓	✓	✓	✓	n/a
<i>Inter-district</i>			✓	✓	✓	n/a
<b>Early Childhood</b>						
<i>Universal Pre-K Program</i>						✓
<b>Gifted and Talented</b>						
<i>Gifted and Talented</i>	✓	✓	✓	✓	✓	✓
<b>Extracurricular Activities</b>						
<i>Before/ After School Programs</i>	✓	✓	✓	✓	✓	✓†
<i>Athletic Programs</i>	✓	✓	✓	✓	✓	✓
<b>Counseling and Transitional Services</b>						
<i># of District-wide Counselors (SY 07-08)</i>	659.5	111.8	29	210.5	7	83.5
<i>Students per Counselor, District (SY 07-08)</i>	272.8	418.0	437.0	625.1	759.3	306.1
<i>Deployment-related services</i>	✓	✓	✓	✓	✓	✓†
<b>Full Day Kindergarten</b>						
<i>Offered in all District Elementary Schools</i>	✓			✓		✓
<i>Offered in Selected District Elementary Schools</i>		✓	✓			
<i>Not Offered</i>					✓	
<b>High School</b>						
<i>State Minimum: Carnegie Credits for Graduation</i>	24	21	19	13	13	26
<i>District Minimum: Graduation Credit Requirements</i>	24	22.5	30	22*	23**	26
<i>HS Exit Exam</i>		✓	✓	✓	✓	
<i>Vocational-technical Programs</i>	✓	✓	✓	✓	✓	✓
<i>SAT/ACT PREP</i>	✓	✓	✓	✓	✓	✓†
<i>ROTC</i>	✓	✓	✓	✓	✓	✓
<i>Statewide Virtual High School</i>	✓	✓	✓	✓	✓	✓

\*San Diego awards credits by semester, not annually. This number represents a conversion to an annual number of credits.

\*\*Travis awards credits by semester, not annually and courses are worth 5 credits per semester. This number represents a conversion to an annual number of credits.

†At the discretion of the school

## The challenge of comparing performance across districts

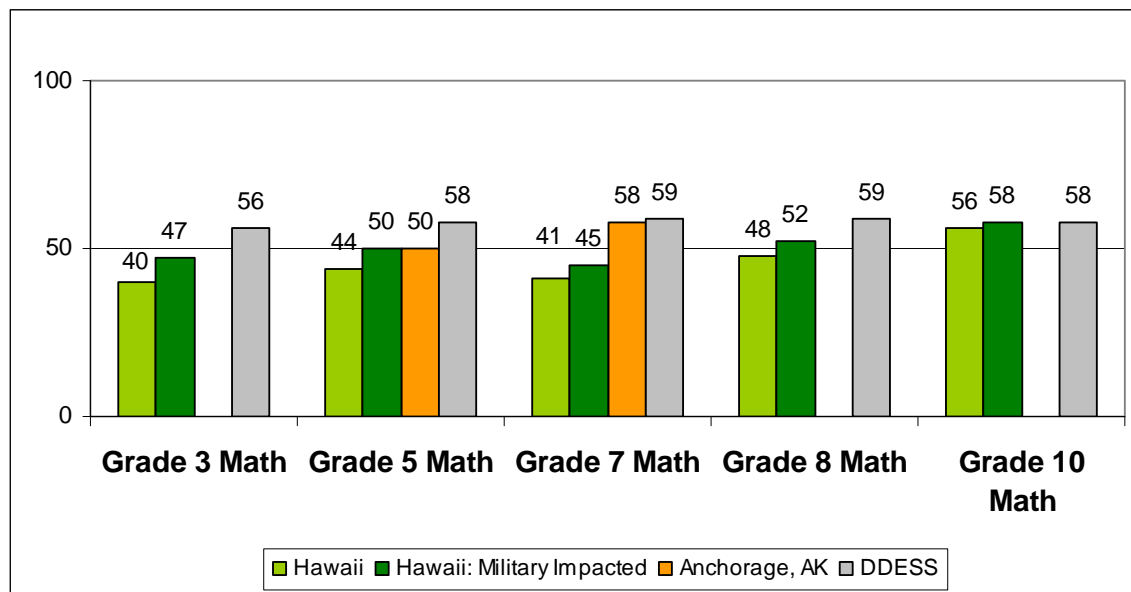
The nature of state accountability and criterion-referenced testing systems makes performance comparisons across states effectively impossible. However, some states choose to administer nationally normed tests that permit a direct “apples to apples” comparison of student achievement.

Fortunately, Alaska, the DDESS system and Hawaii all administer the TerraNova test, a standardized and nationally normed test that is used to assess achievement in reading and mathematics. However, California and the State of Washington do not administer these assessments. Consequently, the following comparisons are unable to systematically consider how Hawaii compares to the Travis Unified School District in Fairfield, CA and the Clover Park School District in Lakewood, WA. As San Diego Unified School District participates in NAEP’s Trial Urban District Assessment program, their performance can be compared to that of Hawaii, but only at the district level.

## TerraNova comparisons: How does Hawaii compare to Anchorage and DDESS?

As seen clearly in the following charts, Hawaii’s proficiency profile changes dramatically when viewed through the lens of the TerraNova results for SY 2008/2009. Whereas the results of the HSA suggested that Hawaii was stronger in reading and considerably weaker in math, particularly in the higher grades, the TerraNova results largely suggest the opposite. Overall, the performance on the Math TerraNova suggests that, while there may be some issues at the elementary school level, performance is stronger in military impacted schools, especially in grades eight and ten where the scores exceed the national average (the 50th percentile).

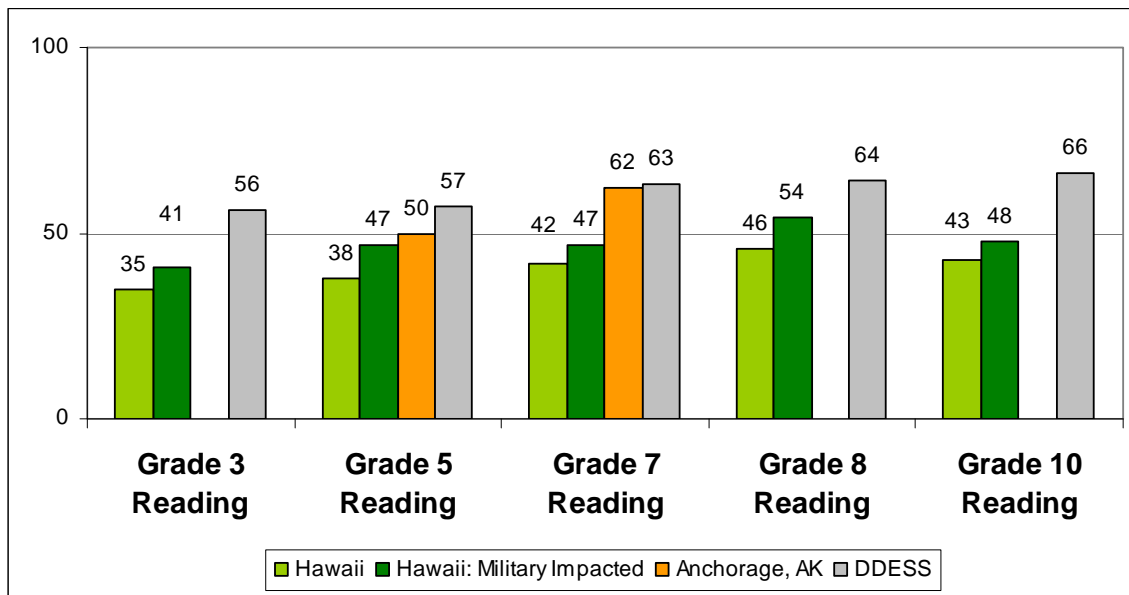
TerraNova Comparison, Math: Hawaii, Anchorage, and DDESS



Sources: State Departments of Education and individual districts.



**TerraNova Comparison, Reading: Hawaii, Anchorage, and DDESS**



Sources: State Departments of Education and individual districts.

While lagging in the seventh grade, the math performance of the military impacted schools in Hawaii appears to be competitive when compared to the Anchorage Public Schools on the fifth grade test. TerraNova data for Anchorage was only available for tests administered in the fifth and seventh grade. However, it is worth noting that Hawaii’s eighth grade math results for military impacted schools exceed the national average (52nd percentile).

**Comparing TerraNova and HSA outcomes in Hawaii**

More striking is the strong performance on the tenth grade Math TerraNova. In SY 2008/2009, public high schools in Hawaii scored above the national average and on this metric performed identically to the DDESS system overall. This is a radically different performance profile than that suggested by the tenth grade Math HSA suggesting that this test may not be presenting an accurate picture of the math proficiency of students in Hawaii.

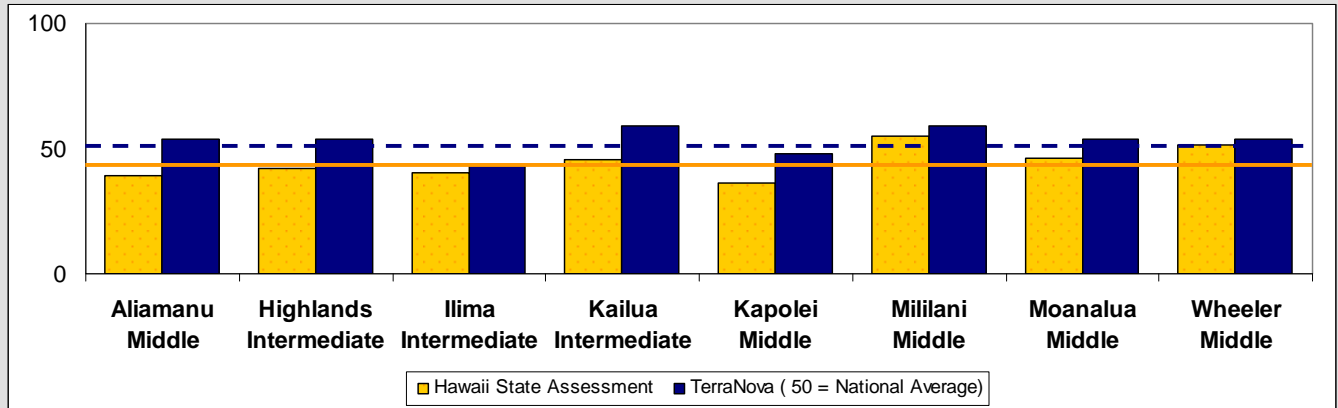
The Reading TerraNova indicates more challenges than suggested by the Reading HSA results. While Hawaii’s military impacted schools consistently out-perform the state’s other schools on this assessment, they also consistently lag the performance of both the Anchorage and DDESS school systems. Another notable difference can be found in the elementary school results that indicate weaker performance in the lower grades, particularly in reading. However, the overall results mask significant differences between the 40 military impacted elementary schools.<sup>16</sup>

The middle school TerraNova results indicate that the military impacted schools in Hawaii consistently perform at or near the national average in both reading and math. As the following chart reveals, there are clear

<sup>16</sup> To review the complete TerraNova results by school, see Appendix E.

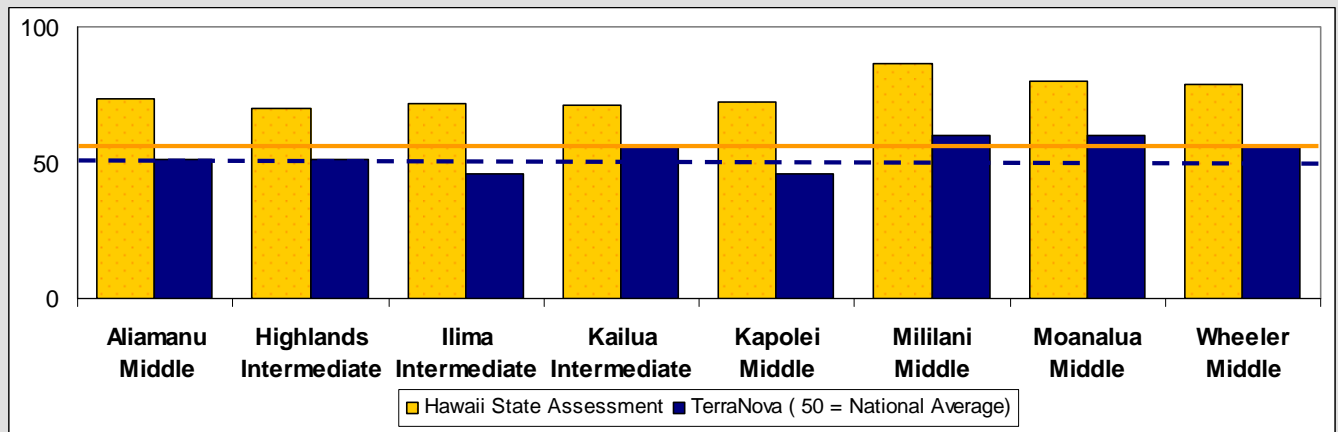
differences between the performance of middle schools when seen through the lens of the HSA and the TerraNova tests. The dotted blue line indicates the 50<sup>th</sup> percentile for the TerraNova, and the orange line indicates the proficiency target for the HSA. Whereas in math, the TerraNova reveals consistently stronger performance than that suggested by the HSA, the reverse is true of the reading scores.

**Grade 8 Math State Proficiency Target and TerraNova, SY 2008/2009**



Source: Hawaii Department of Education

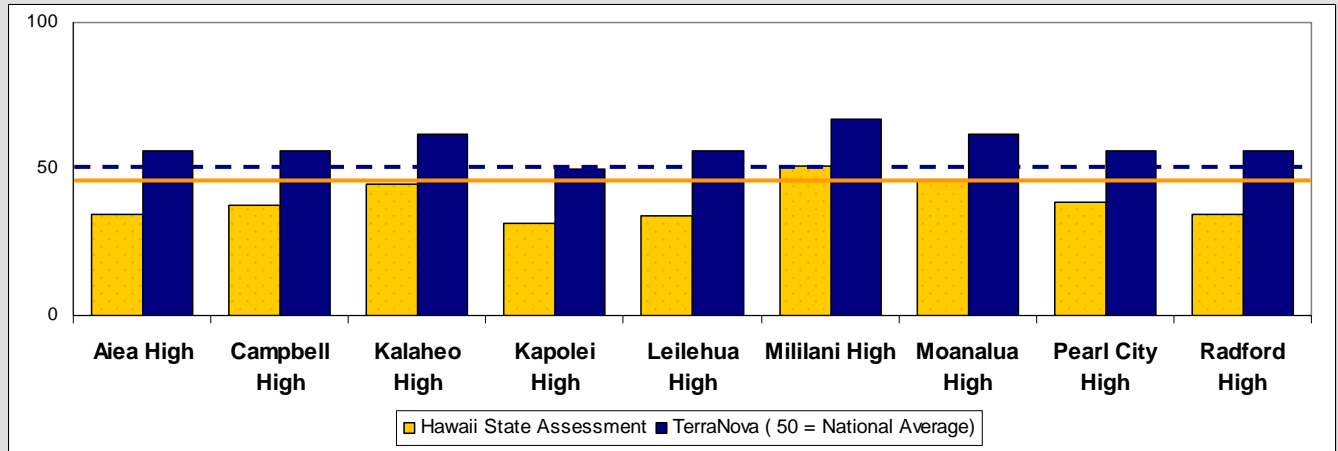
**Grade 8 Reading State Proficiency Target and TerraNova, SY 2008/2009**



Source: Hawaii Department of Education

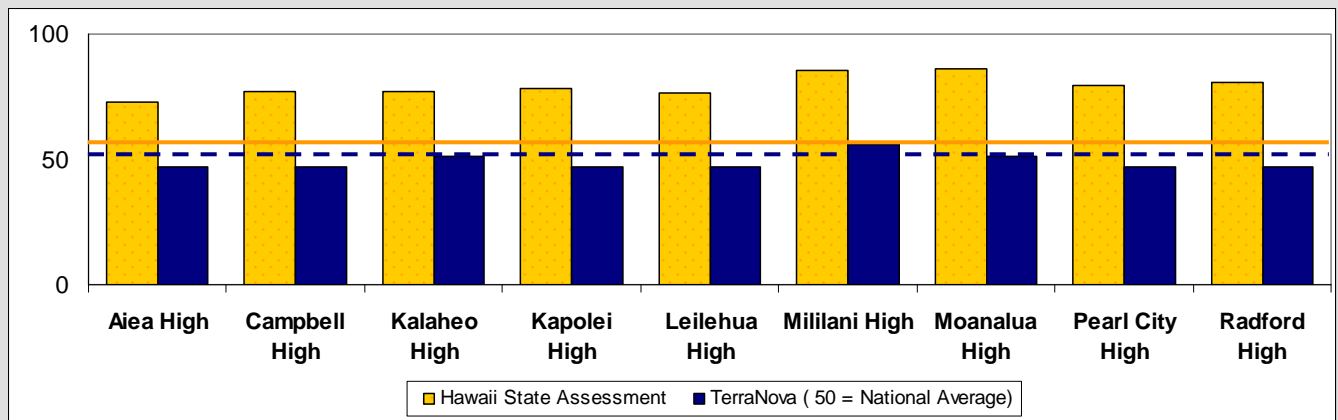
The same pattern is evident in the high school TerraNova scores, but in a more striking way. All nine military impacted high schools score at or above the national average in math, the same subject that was the primary reason, based on the HSA results, for which eight of the nine military impacted schools failed to make AYP. While the reading performance profile is somewhat weaker when considering TerraNova scores, each school scores within a few points of the national average. To be sure, this is a weaker profile than that suggested by the HSA, but a comparatively solid performance profile nonetheless.

**Grade 10 Math State Proficiency Target and TerraNova, SY 2008/2009**



Source: Hawaii Department of Education

**Grade 10 Reading State Proficiency Target and TerraNova, SY 2008/2009**



Source: Hawaii Department of Education

The significant discrepancy between the HSA and the TerraNova results raises serious questions about what the HSA tests are measuring and doubts about their ability to accurately represent school performance. As noted previously, whether the apparent problems with the HSA are the result of the relatively high degree of difficulty of these tests, poor alignment between the tests and what is actually being taught in the schools, or some combination of these and other factors are questions this report is unable to answer. However, it is clear that when school performance on widely administered, nationally-normed achievement tests are considered, overall academic proficiency appears higher than the state tests and NCLB designations would indicate, in some cases significantly higher. Further, the nature of the academic challenges facing public schools in Hawaii look very different when viewed through the lens of the TerraNova results.

The TerraNova assessment is far from perfect, but it is a common performance measure used by numerous school districts, as well as the DoDDS and DDESS school systems. Unlike the HSA and other state criterion referenced testing systems, it allows one to compare performance across states and districts and to assess where students stand as compared to a valid nationally-normed group of test-takers. It is, therefore, prima facie a superior measure of school performance than the HSA.

---

## How does Hawaii compare on the National Assessment of Educational Progress (NAEP)?

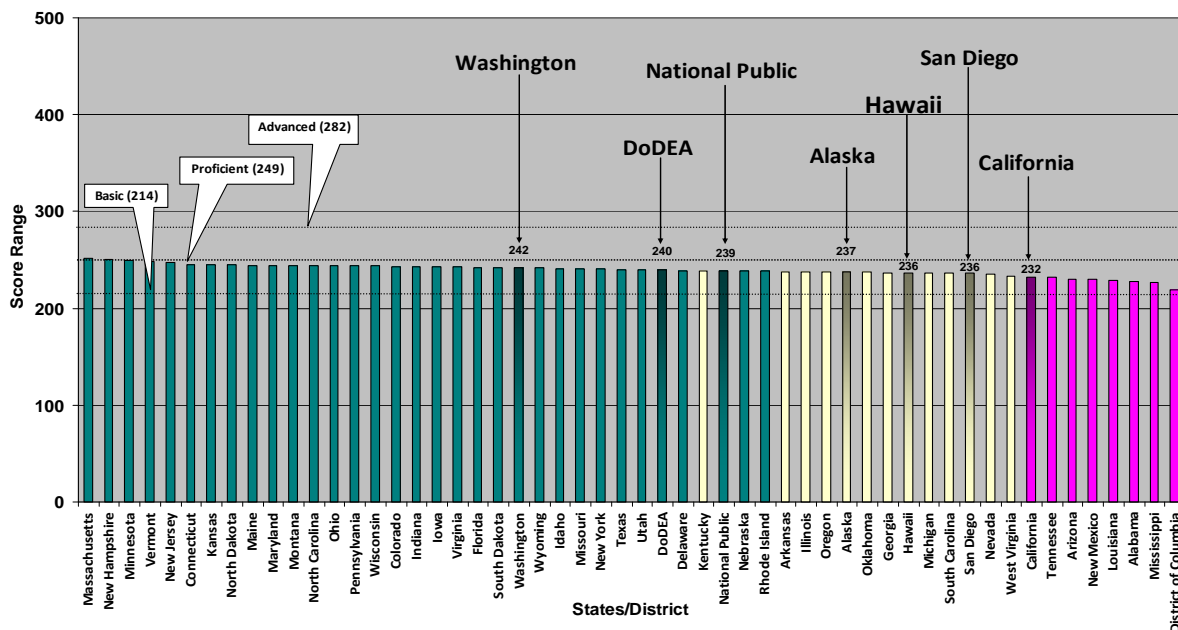
Known by many as “the Nation’s Report Card”, the National Assessment of Educational Progress (NAEP) is the largest nationally representative assessment of student achievement available. Developed and administered by the US Department of Education’s National Center for Education Statistics, NAEP assesses student mastery in several subject areas, including reading and mathematics. Aggregate NAEP achievement is reported as an average scaled score that allows it to be assessed on the extent to which it demonstrates a “Basic”, “Proficient” or “Advanced” level of achievement. In this context, a basic level of achievement reflects a “partial mastery” of the relevant grade level subject matter while proficient and advanced achievement reflects “solid” and “superior” academic performance respectively.

With the exception of a relatively small number of large urban school districts covered by NAEP’s Trial Urban District Assessment (TUDA), data are only readily available at the state system level. Fortunately, the San Diego Unified School District is one such district. This allows the following presentation of NAEP data to compare Hawaii to all other states including Alaska, Washington and DoDEA as well as with San Diego Unified School District. District level NAEP data are not available for Anchorage, Clover Park, and Travis Unified and, therefore they are not included in the following comparisons. Additionally, the charts in this report highlight statistically significant differences between states as compared to Hawaii. The shading in the charts illustrates the states with a NAEP score significantly lower than Hawaii (pink), statistically indistinguishable from Hawaii (cream), and significantly higher than Hawaii (green).

## Grade 4 Mathematics

The following chart presents the performance of the fifty states (plus DoDEA and the San Diego Unified School District) on the fourth grade NAEP in mathematics. In addition to presenting the scaled score for each jurisdiction, the chart also highlights whether a given state or district exceeds the basic, proficient and advanced achievement levels.

### Grade 4 Math NAEP Results, 2009



Source: US Department of Education, Institute of Education Sciences, NCES, NAEP

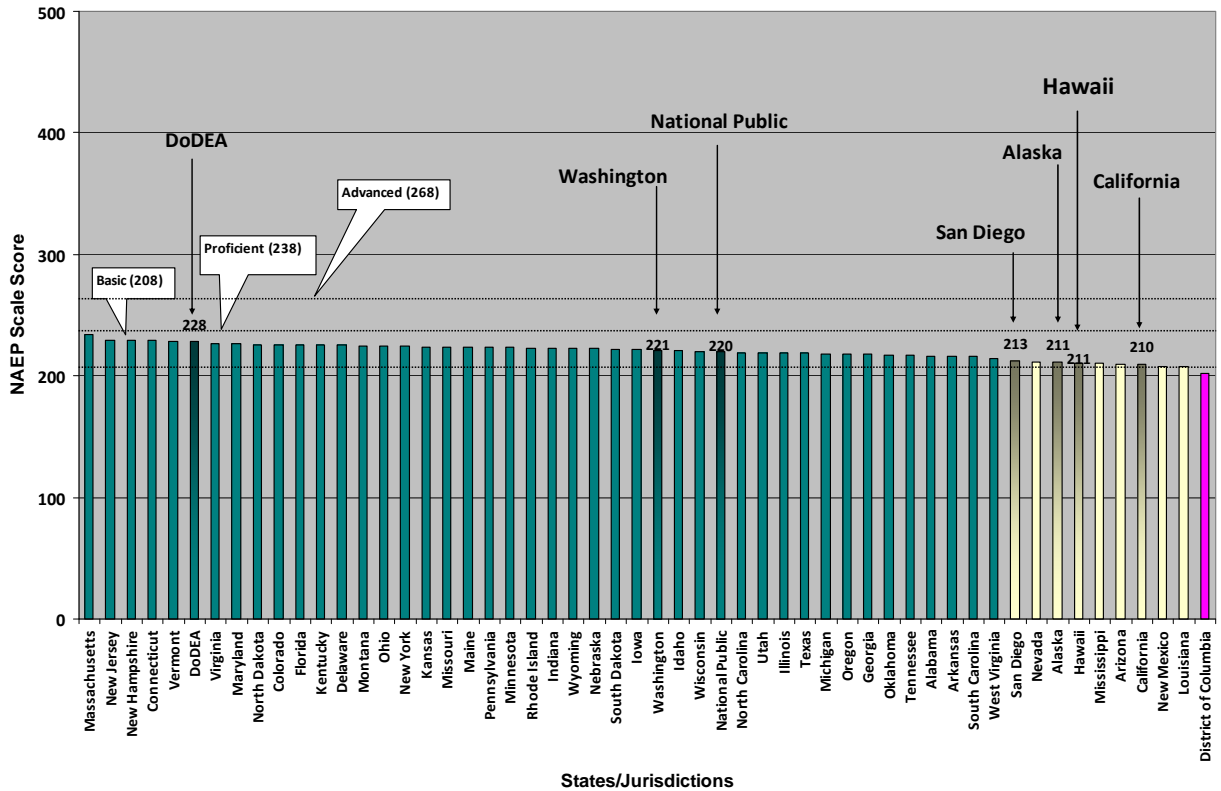
As shown in the preceding chart, an absolute ranking of scaled scores obscures the fact that the differences between states are often quite small (involving a scaled score point or two in many cases). In this chart the performance of each jurisdiction is presented both in terms of its absolute score and ranking and color coded as to whether its score is significantly higher, lower or statistically indistinguishable from Hawaii.

The State of Washington, the nation overall and DoDEA all have scores that exceed Hawaii’s by a statistically significant margin on the fourth grade NAEP in mathematics. The State of California scored below Hawaii, while the State of Alaska and the San Diego Unified School District were essentially statistically identical to Hawaii. All of the jurisdictions of interest exceed what NAEP defines as the “basic” achievement level and fall below “proficient”.

## Grade 4 Reading

A similar performance profile can be seen in the reading tests. Once again scaled scores for DoDEA, Washington State and the nation as a whole exceed that of Hawaii. However, Alaska and San Diego Unified are statistically indistinguishable from Hawaii and all comparisons of interest score significantly higher than the State of California overall. All jurisdictions meet NAEP's "basic" level of achievement and fall below "proficient".

### Grade 4 Reading, 2009

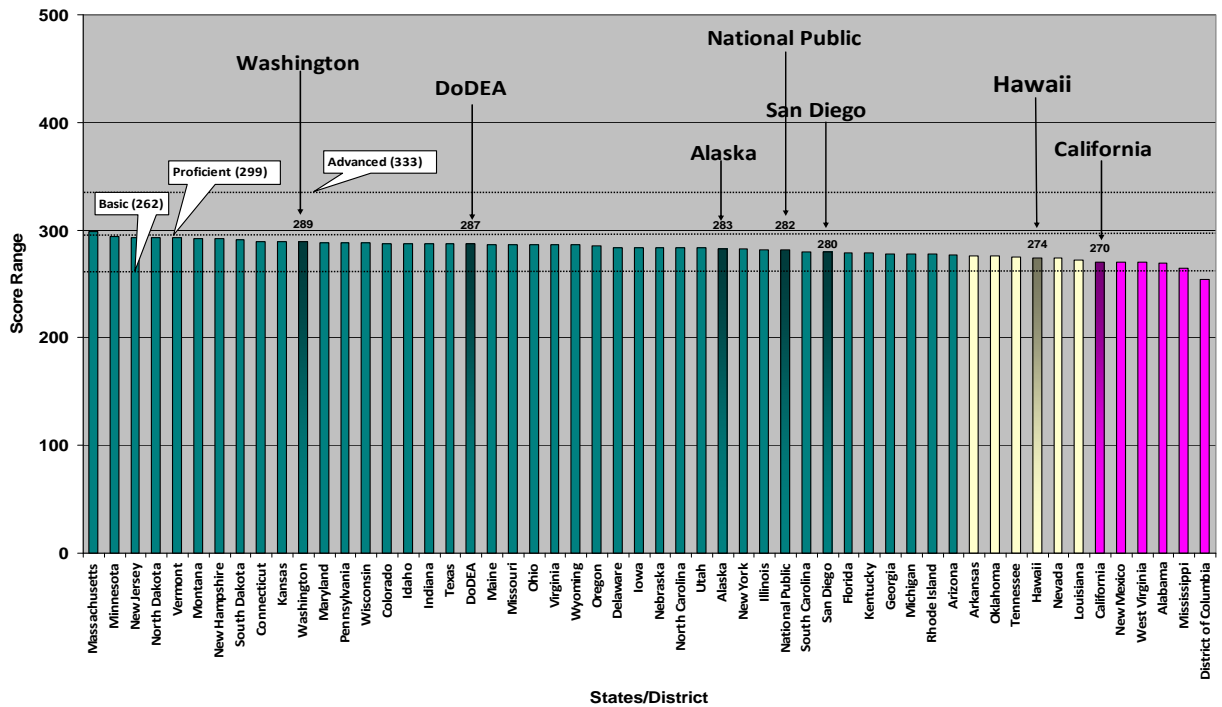


Source: US Department of Education, Institute of Education Sciences, NCES, NAEP

## Grade 8 Mathematics

The pattern changes somewhat when performance on the grade 8 NAEP mathematics test is considered. While Hawaii still scores above the State of California, it trails the other school systems (Washington, DoDEA, Alaska and San Diego Unified) and the nation by a statistically significant margin.

### Grade 8 Mathematics, 2009

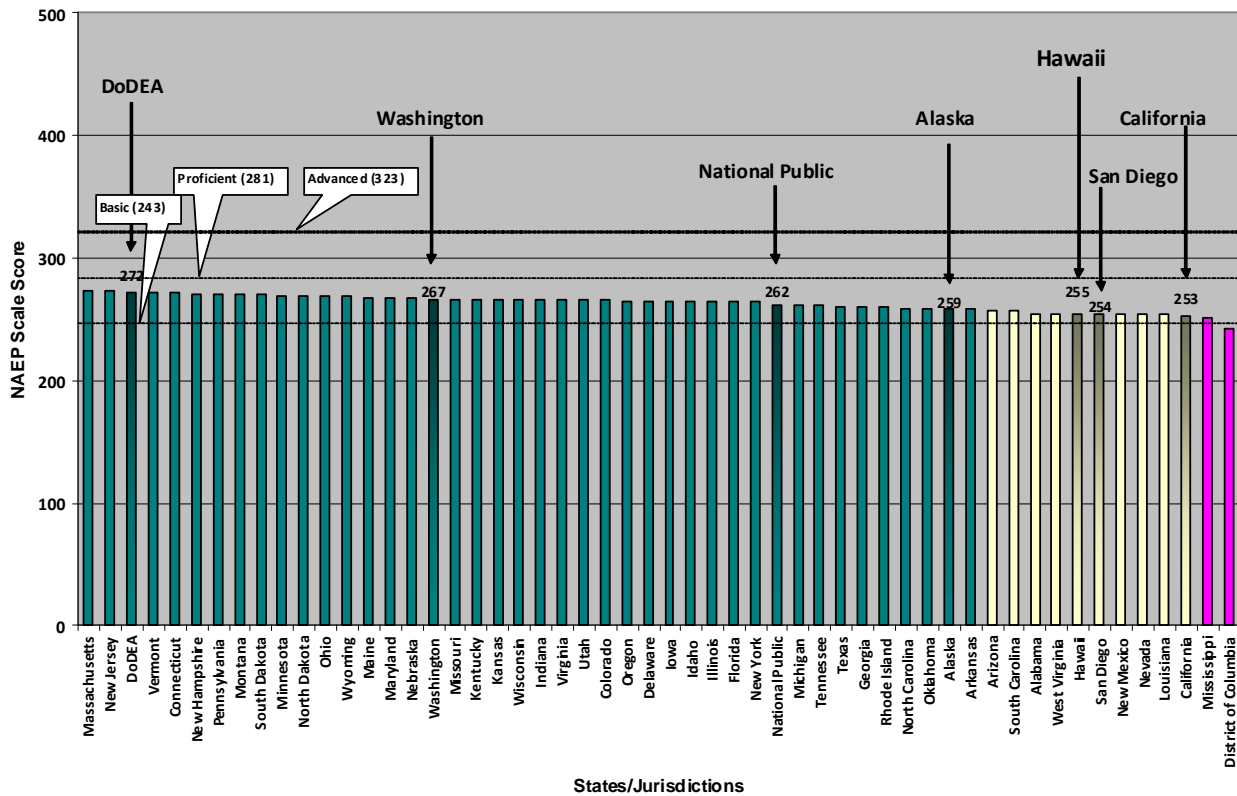


Source: US Department of Education, Institute of Education Sciences, NCES, NAEP

## Grade 8 Reading

When the 2009 NAEP reading scores are examined, Hawaii performs comparably to both San Diego Unified and California as a whole, but trails the other jurisdictions of interest (as well as the nation) by a statistically significant margin.

### Grade 8 Reading, 2009



Source: US Department of Education, Institute of Education Sciences, NCES, NAEP

When viewed through the lens of the NAEP, the State of Hawaii performs respectably on the fourth grade test in comparison to the states of interest, and is decidedly less competitive on the eighth grade assessment. Notably, Hawaii’s performance is consistently similar to that of the State of California as a whole on this indicator of student achievement. The performance of Hawaii’s public schools exceeds the “basic” achievement level on each of the four tests examined.

### How do Hawaii’s students compare on the Scholastic Aptitude Test (SAT)?

Another aspect of school performance that is of great interest to many parents and policymakers involves student readiness for post-secondary education and their ability to successfully compete for admission to top colleges and universities. While standardized test scores are only one factor



considered by institutions of higher education when evaluating applicants, they do provide another basis for comparing the school districts of interest in this study.

**SAT Scores by District, 2008**

District	Reading	District	Math	District	Writing
Anchorage	532	Anchorage	543	Anchorage	506
National	502	National	515	National	494
Travis	496	Travis	506	Travis	493
San Diego	496	San Diego	505	San Diego	488
DDESS	492	Hawaii Overall	502	DDESS	473
Hawaii Overall	481	DDESS	480	Hawaii Overall	470
Clover Park	457	Hawaii Public	473	Hawaii Public	441
Hawaii Public	456	Clover Park	463	Clover Park	440

Source: The College Board, District Websites and Reports, DoDEA

\* Hawaii Overall includes religious and independent schools; Hawaii Public is public schools only

As shown in the preceding table, with the exception of the Anchorage Public Schools, all the other comparison districts including Hawaii had average SAT scores below the national average in 2008. Since significant numbers of college bound students in Hawaii attend private or parochial schools, the state’s performance is presented both overall and for the students attending public schools only.

These data should be interpreted cautiously as district averages on tests such as these are highly sensitive to the extent to which students participate in these tests (which are voluntary). Therefore, districts that strongly encourage participation may see this good deed punished, as this practice can serve to lower the overall average. Conversely, districts that only encourage their best students to sit for the SAT can appear to be higher performers.

That said, these data suggest that Hawaii’s public school students perform comparably to those in the Clover Park schools and consistently lower than students from the Anchorage, Travis Unified and to a lesser extent the San Diego Unified School Districts. Overall, the differences in these district averages are not especially large and they almost certainly mask important differences within each district (school level performance data was not available) and so should be considered accordingly.

---

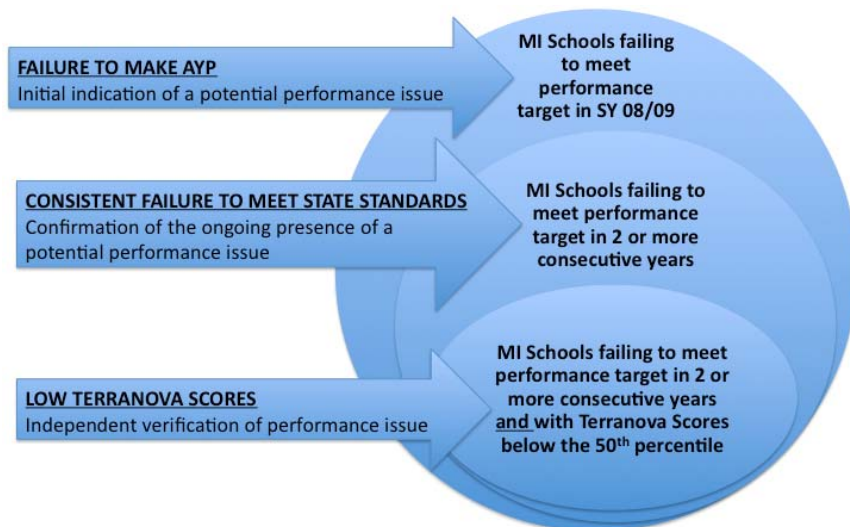
## Identifying performance issues

In theory, the NCLB school accountability system should provide parents, policymakers and analysts with a simple way of identifying schools with performance issues. However, in practice, the fact that a given school is making “Adequate Yearly Progress” (AYP) does not guarantee that a school is meeting its state performance standards.

NCLB regulations allow schools that are making some progress but still failing to meet state standards to be considered to be making AYP. Regulations also allow schools that meet certain administrative criteria to receive “safe harbor” despite the fact that they continue to fall below the state standards. It is also quite common for individual schools to make AYP in one year and then miss it the next year raising questions about the reliability of AYP status as a measure of school performance. Since AYP status alone does not allow one to distinguish between those schools that are meeting their performance targets and those that do not, using AYP to identify school level performance issues is highly problematic.

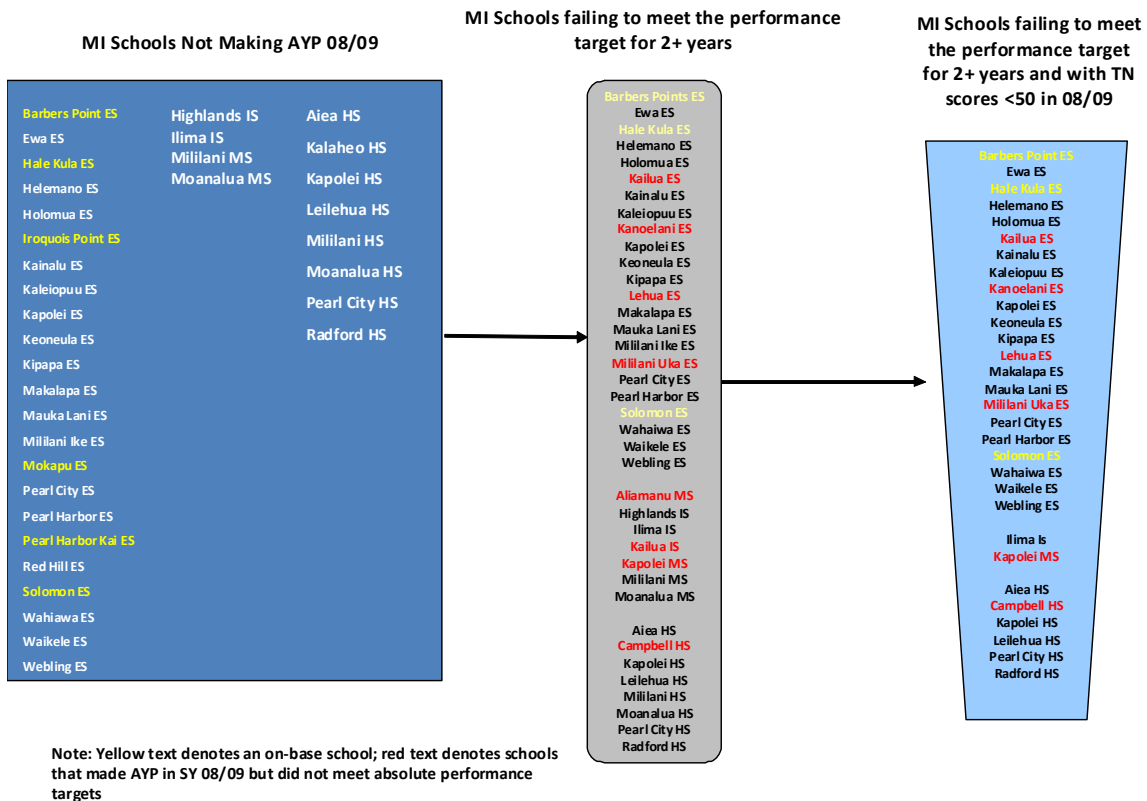
However, NCLB data can be used effectively in a diagnostic manner -- to identify schools where there is reason to believe performance issues are present and where these alleged performance issues can be demonstrated to be both present over time and validated using a non-criterion referenced measure of school performance.

## Identifying military impacted schools in Hawaii with performance issues



Using the method described in the preceding figure, we discovered evidence of performance issues in 30 of the 57 military-impacted schools in Hawaii. In other words, 30 of the 57 schools had failed to meet the state performance target in Reading or Math for at least two years and also had Terranova Scores in Reading or Math that placed those schools below the national average (50th percentile).

## Validating performance issues in military impacted schools in Hawaii



As seen in the preceding figure, three military impacted elementary schools that made AYP in SY 08/09 (Barber’s Point ES, Hale Kula ES and Solomon ES) are included among the 30 schools where performance issues were in evidence. If AYP status alone were used to identify performance issues, these schools would have been wrongly assumed to be free of performance issues and would not have been included in this group.

**Military Impacted Elementary Schools Not Meeting Performance Targets in SY 07/08 and 08/09 with TN Scores <50 in SY 08/09**

Schools	Reading Proficiency					Math Proficiency					
	Disadvantaged	Disabled	Asian/Pacific Islander	TN Grade 3	TN Grade 5	Disadvantaged	Disabled	Asian/Pacific Islander	White	TN Grade 3	TN Grade 5
Barbers Point ES	X X			41	54	X				33	49
Ewa ES				35	43	X X	X			33	49
Hale Kula ES				41	48	X X				40	44
Helemano ES	X X		X	30	38					33	44
Holomua ES		X X		35	38	X X	X X			40	49
Kailua ES	X X			35	33	X X		X X		40	44
Kainalu ES	X			48	54	X X		X		49	49
Kaleiopuu ES	X			30	38	X X				40	49
Kanoelani ES	X X			41	43	X				49	49
Kapolei ES	X X	X X		35	38	X X	X X			40	44
Keoneula ES	X			41	48	X X				40	44
Kipapa ES	X X			35	33	X X				40	38
Lehua ES	X			35	43	X X		X		40	44
Makalapa				35	61		X X			33	71
Mauka Lani ES	X X		X	23	38	X X		X X		33	44
Millilani Uka ES				48	48	X X				58	49
Pearl City ES	X			41	33	X				40	38
Pearl Harbor ES			X	35	38	X				33	38
Solomon ES			X	35	38	X X		X	X	49	38
Wahiawa ES	X X		X X	30	33	X X		X X		33	29
Waialele ES	X X			35	33	X X				40	33
Webbing ES	X X			41	48	X X				58	49

Source: Hawaii Department of Education, NCLB AYP Reports (SY 07/08, SY 08/09), TerraNova data (SY 08/09); Note: Yellow shading denotes an on-base school. Red highlighted schools denote schools that made AYP in SY 08/09. An orange X indicates not meeting the performance target in SY 07/08. A green X indicates not meeting the performance target in SY 08/09.

A closer look at the performance of the 22 military-impacted Elementary Schools where performance issues can be validated reveals consistent difficulties in meeting state performance targets in both Reading and Math among “disadvantaged” or low-income students. Further, a number of these military impacted elementary schools score below the 40th percentile on the nationally normed TerraNova tests in both subjects, including Solomon Elementary School (it is one of three schools located on a military installation and also has the largest population of military-connected students, over 1,200, of all the districts studied).

**Military Impacted Middle and High Schools Not Meeting Performance Targets in SY 07/08 and SY 08/09 with TN Scores <50 in SY 08/09**

Schools	Reading Proficiency		Math Proficiency				TN Grade 8/10
	Disabled	TN Grade 8/10	Disadvantaged	Disabled	Asian/Pacific Islander	White	
Ilima IS	X X	46	X X	X X	X X	X	43
Kapolei MS	X X	46	X X	X X	X X	X	48
Aiea HS		47	X X		X X		56
Campbell HS	X	47	X X	X	X X		56
Kapolei HS	X X	47	X X	X X	X X	X X	50
Leilehua HS	X X	47	X X	X X	X		56
Pearl City HS	X X	47	X X	X X	X X		56
Radford HS		47	X X		X X	X	56

Source: Hawaii Department of Education, NCLB AYP Reports (SY 07/08, SY 08/09), TerraNova data (SY 08/09);

Note: Red highlighted schools denote schools that made AYP in SY 08/09. An orange X indicates not meeting the performance target in SY 07/08. A green X indicates not meeting the performance target in SY 08/09.

The performance of the eight military-impacted middle and high schools where performance issues can be validated reveals widespread problems in meeting the state performance standards but relatively stronger performance on the nationally normed Terranova tests. The strong performance of military-impacted high schools on the Math Terranova is particularly notable, particularly in light of the great difficulty these high schools have had in getting their students to the state proficiency standard in this subject.

**Moving targets: Shifting fiscal realities and changing student needs**

As mentioned earlier, Hawaii’s elected officials and policymakers have reached an agreement that will help ensure that current and future school years will be furlough-free. However, major fiscal and other challenges remain. We now examine several additional factors that will likely have a significant bearing on the future ability of Hawaii to provide an “appropriate” set of educational services to military connected students.

**State and local education funding is under siege**

While economic conditions in Hawaii have been difficult during the recent recession, conditions are improving somewhat.<sup>17</sup> However, the state still faces a significant budget challenge over the next several years. Hawaii is not alone in this regard. According to a recent analysis by the Rockefeller Institute of Government at the State University of New York at Albany, while the fiscal outlook for the states is brighter than it was a year ago, state tax revenues are still below pre-recession levels.<sup>18</sup>

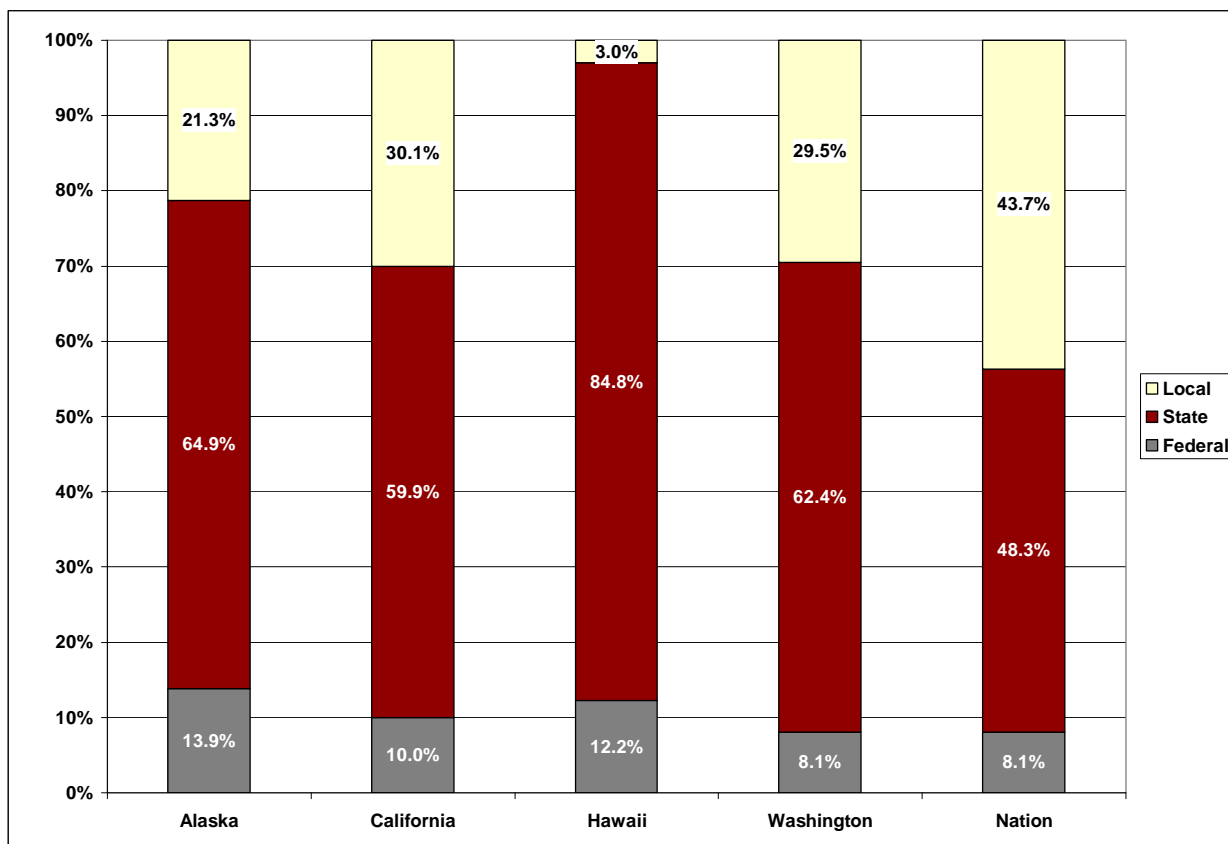
<sup>17</sup> For a review of current conditions see [http://hawaii.gov/dbedt/info/economic/data\\_reports/qser/outlook-economy](http://hawaii.gov/dbedt/info/economic/data_reports/qser/outlook-economy)

<sup>18</sup> “[State Tax Revenues Are Slowly Rebounding: Two Straight Quarters of Growth, But Total Collections Are Still Below Pre-recession Levels](http://www.rockinst.org/government_finance/)” See: [http://www.rockinst.org/government\\_finance/](http://www.rockinst.org/government_finance/)

Ongoing state budget woes are placing pressure on state and local education budgets across the nation, and Hawaii is no exception.

In fact, the manner in which Hawaii organizes its public education system may make it more vulnerable than other states to the recent volatility in state finances. Unlike all other states, the entire state of Hawaii is served by a single school district. As the chart below highlights, the dependence of the Hawaii Public Schools on state funds (nearly 85 percent of education revenue) is significantly higher than that of other states, including Alaska, California and Washington. Hawaii also receives federal Impact Aid. For a summary of recent receipts, see Appendix F.

**Sources of Elementary and Secondary Education Revenue 2007-2008**



Source: US Census Bureau, Public Elementary-Secondary Education Finance Data <http://www.census.gov/gov/school/>

Local tax revenues across the nation have also been declining as property tax bases shrink as a result of the recent housing slump and resulting economic downturn. However, most local jurisdictions retain the option of raising local property taxes to help offset declines in state aid. While not an attractive political option in many settings, it is not an option that is as readily available in Hawaii. While across the nation educational funding is under siege, Hawaii’s fiscal capacity to fund public education is constrained by the way it has chosen to fund its public schools.

However, it is important to note that historically the Aloha State’s education funding has exceeded the national average. In part, this relatively high level of spending is likely the result of Hawaii’s higher cost of living and cost of doing business. However, per pupil expenditures prior to the current downturn were well above those in other high cost states, including California and the State of Washington.

**Per Pupil Expenditures for Elementary and Secondary Education, SY06-08**

District	SY 05-06	SY 06-07	SY 07-08
DDESS*	Not Available	\$11,276-\$12,462	\$14,740-\$16,290
Anchorage	\$9,663	\$10,446	\$12,515
Hawaii	\$9,876	\$11,060	\$11,800
San Diego Unified	\$9,003	\$9,682	\$10,305
National	\$9,138	\$9,666	\$10,259
Clover Park	\$8,435	\$9,548	\$10,017
Travis Unified	\$7,583	\$8,169	\$8,603

Source: US Census Bureau, Public Elementary–Secondary Education Finance Data <http://www.census.gov/govs/school/>

NOTE: All figures are in nominal dollars.

\*The range reflects tuition rates for DDESS schools from full-day kindergarten to Grade 12. These rates are computed by DoDEA using the full cost recovery methodology in compliance with Government Accountability Office guidelines.

Thus, while it appears that the commitment to funding public education in Hawaii is not lacking, over the next several years the capacity of the state to do so remains a major question.

**‘Race to the Top’ funding**

In the coming years, the public schools in Hawaii will receive an additional \$75 million from the federal government as a result of the State’s being awarded Phase II “Race to the Top” funding. The eleven states (along with the District of Columbia) that have received awards to date have been recognized by the US Department of Education as, “leading the way in comprehensive, coherent, statewide education reform across four key areas”:

- Adopting standards and assessments that prepare students to succeed in college and the workplace and to compete in the global economy;
- Building data systems that measure student growth and success, and inform teachers and principals about how they can improve instruction;
- Recruiting, developing, rewarding, and retaining effective teachers and principals, especially where they are needed most; and
- Turning around our lowest-achieving schools.<sup>19</sup>

Hawaii has committed to adopting the Common Core State Standards<sup>20</sup>, which will mean significant changes in the curriculum and accountability systems in Hawaii over the next several years. This makes

<sup>19</sup> <http://www.ed.gov/news/press-releases/nine-states-and-district-columbia-win-second-round-race-top-grants>

<sup>20</sup> For information on these new standards see <http://www.corestandards.org/>

---

the question of whether the state of Hawaii is providing “appropriate” educational services to military dependents by public schools in Hawaii very much of a moving target.

### **The needs of military children are growing as a result of wartime deployments**

Accumulating evidence strongly suggests that wartime deployments are taking their toll on military families resulting in serious implications for the educational and psychosocial needs of military connected children.

A recent study of military connected students found that wartime deployments have a negative impact on educational achievement (as measured by TerraNova test scores) among students who have a deployed parent.<sup>21</sup>

School and district level staff in each of the school systems we visited reported increased demand for school level psychological and counseling services. This is consistent with the findings of a recent Rand study of public schools serving Army dependents of deployed soldiers. The study reports, “School staff believed that as a result of their situation at home, students are relying on the school and school staff for social and emotional support at unprecedented levels.”<sup>22</sup>

While military families have demonstrated remarkable resilience in the face of repeated and at times extended wartime deployments, there is clear evidence that they and their children face a growing need for school based mental health and family support services.<sup>23</sup> A number of notable efforts to address these needs are underway including the Army’s widely implemented “Military Family Liaison Officer” program as well as new school based behavioral health partnerships like the one between the Clover Park School District and Joint Base Lewis-McChord (staffed by doctors from the Madigan Army Medical Center).<sup>24</sup>

Notwithstanding these valuable efforts to meet the changing psychosocial needs of military children during a time of war, our site visits and field interviews made it clear that the needs of these children and their families are growing significantly at a time when the state and local resources available to meet them are limited. Effectively meeting these needs will continue to be a major challenge in Hawaii as well as in other states and school districts that serve the children of deployed soldiers.

### **Conclusion**

This report was commissioned to provide the DoD and DoDEA with data and information in order to inform their assessment of the extent to which the Hawaii Public Schools are providing military

---

<sup>21</sup> See: Engel, Gallagher and Lyle (2010). Military deployments and children’s academic achievement. *Economics of Education Review*, Volume 29, Issue 1, Pages 73-82.

<sup>22</sup> See: Chandra et al (2010). The Impact of Parental Deployment on Child Social and Emotional Functioning: Perspectives of School Staff. *Journal of Adolescent Health*, Issue 46, Pages 218–223.

<sup>23</sup> See: Faran, Weist, Faran and Morris (2004). Promoting Resilience in Military Children and Adolescents, in Community Planning to Foster Resilience in Children, Plenum Publishing.

<sup>24</sup> <http://www.mamc.amedd.army.mil/PicStoryfull.cfm?IDNum=39>



---

dependents with “appropriate” and quality educational services. It was not charged with making policy recommendations. However, it is appropriate to conclude this report by briefly reflecting upon the data presented herein in an effort to inform state and federal policymakers as they consider the report’s findings and their policy implications.

The various performance measures considered by this report support a number of different interpretations depending on the measures one chooses to trust. For those that believe that the HSA results and NCLB designations tell the true story of school performance in Hawaii, this report will be confirmation of some widely held views about Public Schools in Hawaii. For those who elect to trust the results of nationally normed tests and other data, the findings of this report will provide solid reason to believe that the military impacted schools in Hawaii do not have as many performance problems as commonly believed.

The debate about the quality of public education in Hawaii is not new and is not likely to end anytime soon. In a recent book,<sup>25</sup> University of Hawaii Professor Anita Shea Bayer describes what she refers to as an “incessant conversation” about the Public Schools in Hawaii and the social pressure placed on middle and upper-middle class families in Hawaii who elect to send their children to a local public school.

As Professor Bayer documents in great detail, for a myriad of social, cultural and historical reasons, primary and secondary public education in Hawaii is presumed to be of a lower quality by many local and military families. This perception appears to be deeply rooted in the local culture and it serves to fuel and reinforce a similar perception among the military families that are stationed in Hawaii as well as a vast network of military families worldwide. Consequently, perceptions of and debates about public school quality in Hawaii will not likely be resolved by data and analysis alone.

Complicating matters are some legitimate concerns raised by this report about the extent to which the Hawaii State Assessments (HSA) system is effectively describing the system’s performance profile. Our examination of nationally normed test data and our comparisons to other states and districts indicate stronger performance than suggested by the state sponsored tests alone.

Are the common perceptions about the Hawaii Public Schools accurate? To some degree yes and to some degree no. Our fieldwork and data analysis reveal a more complex reality than that described by many school advocates and critics in Hawaii. Hawaii is clearly home to some excellent as well as some challenged public schools. Where challenges are present, they are significant. We document evidence of performance issues in 30 of the 57 public schools serving significant numbers of military dependents in SY 2008/2009.

Our research was completed during a particularly tumultuous period in the history of Hawaii’s public schools. Hawaii’s receipt of the \$75 million Race to the Top grant, and its commitment to adopting the Common Core State Standards,<sup>26</sup> means that significant changes in the curriculum and accountability

---

<sup>25</sup> See: Bayer, AS (2009), “Going Against the Grain, When Professionals in Hawaii Choose Public Instead of Private Schools”, University of Hawaii Press: Honolulu

<sup>26</sup> For information on these new standards see <http://www.corestandards.org/>

---

systems in Hawaii will be taking place over the next several years. This makes the question of the “appropriateness” of the educational services being provided to military dependents by public schools in Hawaii very much of a moving target.

Ultimately, whether the educational services being provided by the state of Hawaii to military connected children meet the legal definition of being “appropriate” is not an empirical question. Rather, it is a judgment call that is best left to the relevant state and Department of Defense policymakers. However, we are confident that armed with the data and information contained in this report and its appendices, these policymakers will have ample evidence with which to make an informed decision as to what policy actions, if any, are required.

---

## Works Cited

- Bandeira de Mello, V., Blankenship, C., & McLaughlin, D.H. 2009. Mapping state proficiency standards onto NAEP scales: 2005-2007 (NCES 2010-456). *National Center for Education Statistics, Institute of Education Sciences, US Department of Education*. Washington, DC.
- Bayer, AS . 2009. Going against the grain, when professionals in Hawaii choose public Instead of private schools. *University of Hawaii Press*: Honolulu.
- Chandra et al. 2010. The Impact of Parental Deployment on Child Social and Emotional Functioning: Perspectives of School Staff. *Journal of Adolescent Health*. 46: 218–223.
- Cronin, John, et al. 2007. The Proficiency Illusion. *Thomas Fordham Institute*.  
[http://www.edexcellence.net/detail/news.cfm?news\\_id=376](http://www.edexcellence.net/detail/news.cfm?news_id=376)
- Engel, Gallagher and Lyle. 2010. Military deployments and children’s academic achievement. *Economics of Education Review*. 29 (1): 73-82.
- Faran et al. 2004. Promoting Resilience in Military Children and Adolescents, in Community Planning to Foster Resilience in Children. In Clauss-Ehlers, C. & Weist, M. *Community Planning to Foster Resilience in Children*. Plenum Publishing.
- Gaudet, Robert D. 1998. Education achievement communities: A new model for “kind of community” in Massachusetts based on an analysis of community characteristics affecting educational outcomes. *Electronic Doctoral Dissertations for UMass Amherst*. Paper AAI9841870.  
<http://scholarworks.umass.edu/dissertations/AAI9841870>
- Gross, Michele. New behavioral health plan for JBLM schools. *US Army Medical Department, Madigan Army Medical Center*. <http://www.mamc.amedd.army.mil/PicStoryfull.cfm?IDNum=39>
- Ho, A., & Haertel, E. 2007. Apples to Apples: The Underlying Assumptions of State-NAEP Comparisons *Council of Chief State School Officers*.  
<http://www.ccsso.org/content/PDFs/Ho%20Haertel%20CCSSO%20Brief2%20Final.pdf>.

## Appendix A: Methodology

### I. Defining “military impacted” schools

#### Military dependents by comparison district

The percentage of military dependents in each of the comparison districts varies greatly, ranging from 8 percent in Hawaii to nearly a third of the student body in Travis Unified. Both the school populations of Anchorage and San Diego Unified school districts are between 10 and 11 percent military, while 30 percent of students in the Clover Park School District are connected to the military.

The comparison districts’ sizes also range widely. Hawaii is the largest district with approximately 178,000 students (including charter schools). Travis is the smallest district with an enrollment of just over 5,000 students. San Diego, Anchorage and Clover Park educate 132,000, 48,000 and 12,000 students, respectively.

	Approximate Enrollment (SY08/09)	Estimate of Military Dependents	% Military
Hawaii	178,000*	15,000	8%
Anchorage	48,000*	4,600	10%
Clover Park	12,000	3,600	30%
San Diego Unified	132,000	14,000	11%
Travis Unified	5,300	1,700	32%

Source: Anchorage, Clover Park, Hawaii, San Diego Unified and Travis Unified District Departments of Education; Joint Base Elmendorf-Richardson School Liaison Officer; Joint Venture Education Forum, Annual Report Executive Summary, 2009

\*This includes charter school enrollment

districts with a sizable military dependent population frequently have federally-connected children in almost every school in their district. In an effort to focus on those schools that are most impacted, UMDI used the Hawaii Department of Education definition of ‘military impacted schools’. The Hawaii Department of Education considers schools that have 10 percent and/or 50 or more military-connected students to be ‘military impacted’. These same criteria were applied to the comparison districts where possible.

#### Military Impacted Schools by Comparison District, Overview

	Total # of Military Impacted Schools	Military Impacted Elementary Schools	Military Impacted Middle Schools	Military Impacted High Schools	On Base Schools
Hawaii	57	40	8	9	12
Anchorage	19	12	3	4	5
Clover Park*	17	11	3	3	5
San Diego Unified	88	50	17	21	0
Travis Unified	8	4	1	3	2

\*15 percent military connected threshold, instead of 10 percent because of availability of data.

## Hawaii

Hawaii Department of Education provided UMDI with a list of its SY 09/10 military impacted schools, including military enrollment and total enrollment. Percentage military was calculated by UMDI. This list includes 40 elementary schools, 8 middle schools and 9 high schools. Twelve schools (11 elementary schools and 1 middle school) are located on base.

In certain instances in this analysis, the percentage military from SY 09/10 was applied to SY 08/09 enrollment data using the assumption that general enrollment trends are constant.

### Military Impacted Elementary Schools, Hawaii

District Name	School	Military Enrollment	Total Enrollment	% Military
Windward	Aikahi	132	486	27.16%
Central	Aliamanu	646	914	70.68%
Leeward	Barbers Point	99	542	18.27%
Leeward	Ewa	67	1,010	6.63%
Central	Hale Kula	800	813	98.40%
Central	Helemano	171	520	32.88%
Central	Hickam	534	621	85.99%
Leeward	Holomua	236	1,437	16.42%
Leeward	Iroquois Point	313	741	42.24%
Windward	Kaelepulu	18	189	9.52%
Windward	Kailua	47	357	13.17%
Windward	Kainlu	102	518	19.69%
Leeward	Kaleiopuu	112	964	11.62%
Leeward	Kanoelani	56	774	7.24%
Leeward	Kapolei	119	1,090	10.92%
Leeward	Keoneula	287	815	35.21%
Central	Kipapa	68	640	10.63%
Leeward	Lehua	289	413	69.98%
Central	Makalapa	99	406	24.38%
Leeward	Mauka Lani	63	585	10.77%
Central	Miliani Ike	138	1,091	12.65%
Central	Mililani Mauka	123	851	14.45%
Central	Mililani Uka	88	666	13.21%
Central	Mililani Waena	107	576	18.58%
Central	Moanalua	85	695	12.23%
Windward	Mokapu	798	830	96.14%
Central	Mokulele	451	469	96.16%
Central	Nimitz	554	568	97.54%
Leeward	Palisades	47	371	12.67%
Leeward	Pearl City	156	562	27.76%
Central	Pearl Harbor	338	611	55.32%
Central	Pearl Harbor Kai	641	683	93.85%
Central	Pearl Ridge	59	602	9.80%
Central	Red Hill	286	443	64.56%

Central	Shafter	154	166	92.77%
Central	Solomon	1,209	1,210	99.92%
Central	Wahiawa	66	481	13.72%
Leeward	Waikele	76	625	12.16%
Central	Webling	121	503	24.06%
Central	Wheeler	349	436	80.05%

Schools on base are highlighted in grey.

Source: Hawaii Department of Education.

#### Military Impacted Middle Schools, Hawaii

District Name	School	Military Enrollment	Total Enrollment	% Military
Central	Aliamanu	455	715	63.64%
Leeward	Highlands	80	943	8.48%
Leeward	Ilima	136	1,308	10.40%
Windward	Kailua	124	680	18.24%
Leeward	Kapolei	162	1,490	10.87%
Central	Mililani	141	1,740	8.10%
Central	Moanalua	325	917	35.44%
Central	Wheeler	712	762	93.44%

Source: Hawaii Department of Education

#### Military Impacted High Schools, Hawaii

District Name	School	Military Enrollment	Total Enrollment	% military
Central	Aiea	61	1,171	5.21%
Leeward	Campbell	167	2,643	6.32%
Windward	Kalaheo	189	840	22.50%
Leeward	Kapolei	214	2,050	10.44%
Central	Leileihua	613	1,893	32.38%
Central	Mililani	318	2,450	12.98%
Central	Moanalua	534	2,107	25.34%
Leeward	Pearl City	130	1,850	7.03%
Central	Radford	752	1,215	61.89%

Source: Hawaii Department of Education

## Anchorage, Alaska

UMDI obtained the breakdown of military students by school from Ft Richardson and Elmendorf AFB for SY 08/09 from the military school liaison officer. He noted that these numbers were based on Impact Aid card returns and were conservative estimates. UMDI worked with these numbers as well as the enrollment data into the Anchorage database and applied the 10 percent or 50 students rule. After applying the rule, there are a total of 19 military impacted schools: 12 elementary schools (five of which are located on base), 3 middle schools, and 4 high schools.

### Military Impacted Elementary Schools, Anchorage

School Name	Enrollment as of 10/1/2008	# Military Dependents	% Military Dependents
Alpenglow	552	229	41.5%
Aurora	424	410	96.7%
Birchwood ABC	290	50	17.2%
Creekside Park	381	49	12.9%
Eagle River	368	62	16.8%
Fire Lake	348	83	23.9%
Homestead	330	55	16.7%
Mt. Spurr	315	277	87.9%
Orion	427	416	97.4%
Ravenwood	401	81	20.2%
Ursa Major	378	397	100.0%*
Ursa Minor	248	260	100.0%*

Source: SLO, Joint Base Richardson Elmendorf

\*UMDI calculated percent military by dividing the number of military dependents as reported by Impact Aid card returns for SY 08/09 into total enrollment as of 10/1/08. Total enrollment fluctuates over the course of a school year. Therefore, in this instance total enrollment on 10/1/08 is less than the reported number of military dependents.

### Military Impacted Middle Schools, Anchorage

School Name	Enrollment as of 10/1/2008	# Military Dependents	% Military Dependents
Central Middle School of Science	684	216	31.6%
Gruening	615	246	40.0%
Mirror Lake	668	84	12.6%

Source: SLO, Joint Base Richardson Elmendorf

### Military Impacted High Schools, Anchorage

School Name	Enrollment as of 10/1/2008	# Military Dependents	% Military Dependents
Bartlett	1,702	267	15.7%
Chugiak	1,270	146	11.5%
Eagle River	845	308	36.4%
COHO School	41	5	12.2%

Source: SLO, Joint Base Richardson Elmendorf

### **Clover Park School District, Lakewood, Washington**

Military impacted schools in the Clover Park School District were identified with data obtained from the document, "Clover Park School District DoDEA Promoting Student Achievement Grant" which UMDI received from DoDEA. In this document, Clover Park identifies its heavily military impacted "target" schools and uses 15 percent military enrollment as its criteria for a military impacted school. The application notes that one school, Clover Park High School (11 percent military), is also included because of its fluctuating military population that often reaches 15 percent. The Clover Park military impacted schools are a more conservative estimate because of the 15 percent criteria versus the 10 percent criteria. Clover Park has 11 military impacted elementary schools (5 schools are located on base), 3 middle schools, and 3 high schools. Data are from SY 08/09.

#### **Military Impacted Elementary Schools, Clover Park School District**

<b>School</b>	<b># of Military Dependents</b>	<b>Total Enrollment</b>	<b>% Military</b>
Beachwood	471	494	95%
Carter Lake	370	397	93%
Clarkmoor	313	318	98%
Custer	53	337	16%
Dower	71	311	23%
Evergreen	743	792	94%
Greenwood	336	344	98%
Hillside	561	572	98%
Lake Louise	59	376	16%
Oakbrook	49	272	18%
Park Lodge	104	427	24%

Source: Clover Park School District DoDEA Promoting Student Achievement Grant, June 23, 2009

#### **Military Impacted Middle Schools, Clover Park School District**

<b>School</b>	<b># of Military Dependents</b>	<b>Total Enrollment</b>	<b>% Military</b>
Harrison Prep*	175	384	46%
Mann	243	455	53%
Woodbrook	387	532	73%

Source: Clover Park School District DoDEA Promoting Student Achievement Grant, June 23, 2009

#### **Military Impacted High Schools, Clover Park School District**

<b>School</b>	<b># of Military Dependents</b>	<b>Total Enrollment</b>	<b>% Military</b>
Alfaretta House*	26	64	41%
Clover Park	134	1191	11%
Lakes	565	1400	40%

Source: Clover Park School District DoDEA Promoting Student Achievement Grant, June 23, 2009

\*There are two schools that have an atypical grade range, are special education or alternative.

### **San Diego Unified School District, California**

UMDI obtained military dependent and total enrollment data by school from the San Diego Unified School District military liaison. UMDI applied the 10 percent and 50 student threshold to the San Diego data. Using this criteria, there are 52 military impacted elementary schools, 18 middle schools, and 21



high schools (some schools included in this group have atypical grade ranges). There are two MI elementary schools that are charters schools and one MI middle school that is a charter school. These schools, while included here, are excluded from NCLB. There are no schools located on base.

**Military Impacted Elementary Schools, San Diego Unified School District**

School Name	Total Enrollment	# of Military Dependents	% Military
Alcott	504	64	12.70%
Angier	443	348	78.56%
Barnard	182	40	21.98%
Bayview Terrace	264	62	23.48%
Bethune*	619	165	26.66%
Boone	577	78	13.52%
Cabrillo	219	89	40.64%
Carver*	300	40	13.33%
Chesterton	508	276	54.33%
Chollas/Mead	864	50	5.79%
Crown Point	256	39	15.23%
Cubberley	252	39	15.48%
Dailard	544	57	10.48%
Dewey	458	393	85.81%
Dingeman	777	58	7.46%
Doyle	827	51	6.17%
Ericson	748	73	9.76%
Field	349	35	10.03%
Fletcher	267	60	22.47%
Grant*	615	53	8.62%
Hage	765	144	18.82%
Hancock	760	735	96.71%
Hickman	659	86	13.05%
Jerabek	794	84	10.58%
Jones	354	109	30.79%
Juarez	299	37	12.37%
Kumeyaay	471	71	15.07%
Language Academy*	814	55	6.76%
Linda Vista Elementary	642	59	9.19%
Lindbergh/Schweitzer (West)	629	80	12.72%
Loma Portal	373	91	24.40%
Marvin	372	40	10.75%
Mason	812	239	29.43%
Miller	779	745	95.64%
Miramar Ranch	702	91	12.96%
Museum School**	144	17	11.81%
Nubia Leadership Academy**	310	44	14.19%
Nye	597	94	15.75%
Paradise Hills	419	83	19.81%
Penn	560	87	15.54%

Perry	383	241	62.92%
Rowan	291	51	17.53%
Sandburg	655	63	9.62%
E. B. Scripps	611	74	12.11%
Sessions	395	182	46.08%
Silvergate	475	74	15.58%
Tierrasanta	536	107	19.96%
Valencia Park	668	71	10.63%
Vista Grande	444	142	31.98%
Walker	549	128	23.32%
Wegeforth	283	46	16.25%
Zamarano	1265	246	19.45%

#### Military Impacted Middle Schools, San Diego Unified School District

School Name	Total Enrollment	# of Military Dependents	% Military
Bell	1284	170	13.24%
Challenger	1125	134	11.91%
Correia	825	92	11.15%
Creative, Performing and Media Arts	938	96	10.23%
Dana	821	163	19.85%
Deportola	1011	363	35.91%
Farb	770	346	44.94%
Lewis	1067	78	7.31%
Marshall	1471	136	9.25%
Marston	1013	56	5.53%
Millennial	229	47	20.52%
Montgomery	551	68	12.34%
O'Farrell Community School**	904	91	10.07%
Pacific Beach	710	95	13.38%
Pershing	933	57	6.11%
Standley	1352	115	8.51%
Taft	672	121	18.01%
Wangenheim	1291	245	18.98%

#### Military Impacted High Schools and Other Schools, San Diego Unified School District

School Name	Total Enrollment	# of Military Dependents	% Military
A.L.B.A.*	69	7	10.14%
Clairemont	1479	66	4.46%
Henry	2444	128	5.24%
Hoover	2086	53	2.54%
John Muir Alt (Gr K-12)*	337	48	14.24%
Kearny Construction Tech Academy	474	53	11.18%
Kearny Digital Media and Design	479	61	12.73%
Kearny International Business	505	63	12.48%
Kearny Science, Connections and Technology	448	80	17.86%
La Jolla	1622	67	4.13%
Mira Mesa	2644	353	13.35%

Mission Bay	1691	107	6.33%
Morse	2503	260	10.39%
Mt. Everest Academy (Gr K-12)*	265	31	11.70%
Point Loma	2065	174	8.43%
San Diego Creative and Performing Arts (Gr 6-12)*	1426	193	13.53%
San Diego Metro Career and Technical	184	26	14.13%
Scripps Ranch	2317	197	8.50%
Serra	2080	664	31.92%
University City	1843	147	7.98%
Whittier/Del Sol Academy Gr 6-12)*	65	13	20.00%

Source: San Diego Unified School District

\*There are nine schools that have an atypical grade range, are special education or alternative.

\*\*Charter school

---

### Travis Unified School District, California

UMDI obtained Impact Aid information for SY 08/09 by school from the Travis Unified School District, which included the total number of military connected students and total enrollment. Nearly the entire district is military impacted with only one school in the district that did not reach the 10 percent threshold. There are a total of 8 military impacted schools: 4 elementary schools, 1 middle school, and 3 high schools (two of which are alternative high school programs). Currently, there are three schools located on the base. However, the boundary of the base will be moved for the next school year that will relocate one school (Center ES) off post.

#### Military Impacted Elementary Schools, Travis Unified

School	Official Enrollment 10-1-08	# of Military Dependents	% Military
Center	449	359	80%
Foxboro	759	75	10%
Scandia	458	383	84%
Travis	544	264	49%

Source: Travis Unified School District, April 2010

#### Military Impacted Middle Schools, Travis Unified

School	Official Enrollment 10-1-08	# of Military Dependents	% Military
Golden West	883	229	26%

Source: Travis Unified School District, April 2010

#### Military Impacted High Schools, Travis Unified

School	Official Enrollment 10-1-08	# of Military Dependents	% Military
Vanden	1,547	348	23%
Travis Education Center*	86	10	12%
Travis Community Day School*	14	3	21%

Source: Travis Unified School District, April 2010

\*This school is a special/alternative school

## II: Performance

This report examines school-level and district-level performance using criterion-referenced assessments administered by each state, and, when available, norm-referenced assessments. Criterion-referenced assessments are used to assess students' competencies in a given subject by judging their abilities to understand certain standards for that subject based on curriculum or instructional objectives. Norm-referenced assessments are used to compare students taking the test against a sample of students selected to be representative of the nation as a whole, rather than measuring student knowledge of a particular curriculum. State assessments are used for each of the comparison districts for assessing absolute performance and as inputs to the Effectiveness Index (EI)

---

model. Norm-referenced assessments, including the TerraNova and NAEP, are used when comparing districts to each other.

In addition to the analysis of test performance, comparison data was collected on district, student and teacher characteristics.

## II a. Overview of State Assessments

### Hawaii

#### *The Hawaii State Assessment*<sup>27</sup>

One part of the overall Hawaii school testing system is the Hawaii State Assessment (HSA). Students in grades 3 through 8 as well as grade 10 are tested in the subjects of mathematics and reading. These are criterion-referenced tests that are based on Hawaii Department of Education standards. These yearly tests are reported by the percentage of students reaching several proficiency bands (well below, approaches, meets, and exceeds). The percentage of students who either meet or exceed proficiency is used for calculating Adequate Yearly Progress (AYP) to meet federal No Child Left Behind (NCLB) requirements.

#### *TerraNova*

In addition to the criterion referenced tests, students in grades 3 through 8 and grade 10 also take the norm-referenced TerraNova test for mathematics and reading (see TerraNova Methodology). In Hawaii, the results of the TerraNova test by school are reported in stanine levels (a nine-point standard scale) and then grouped into proficiency bands (below average, average, and above average). At our request, the Hawaii Department of Education converted the stanines into percentiles to facilitate comparison with other districts.

### Alaska

#### *The Standards Based Assessment*<sup>28</sup>

In Alaska, the Standards Based Assessments (SBA) are administered each April to students in grades 3 through 10 in the subject areas of reading, math, writing, and science. These criterion tests are intended to be aligned with the curricula for each grade. In tenth grade, most students take the high school graduation qualifying exam (HSGQE and SBA-HSGQE) which typically combines the high school exit exam with the grade 10 state test.

#### *TerraNova*

Nationally-normed tests are also used in Alaska: students in grades 5 and 7 take the TerraNova assessments in the subjects of language arts (including reading) and mathematics.

### California

---

<sup>27</sup> Hawaii Department of Education, <http://sas.sao.k12.hi.us/STATE/SAO/SASWebsite.nsf/By+Category/74AD3443E9FA4FDF0A2576340006576F?OpenDocument>

<sup>28</sup> Alaska Department of Education, Assessment, Accountability and Student Information: <http://www.eed.state.ak.us/tls/assessment/sba.html>

---

### *California Standards Tests (CST)*<sup>29</sup>

The California Standards Tests (CST) are multiple choice, criterion-referenced tests taken by students in grades 2 through 11 to measure students' progress toward achieving California's academic content standards in various subjects including English-language arts, math, world history, and science.

### *California High School Exit Exam (CAHSEE)*

Passing the California High School Exit Exam (CAHSEE) is required for graduation from high school in California. Students begin taking this exam, which tests proficiency in both English-language arts (reading and writing) and mathematics, in grade 10 and can continue to take the test until they pass. UMDI used this exam for the EI rather than any of the other CST for grade 10 because it was a more universally administered exam for this grade. This exam is used in calculating the Academic Performance Index for state accountability purposes and AYP.

### **Washington**

#### *Washington Assessment of Student Learning*<sup>30</sup>

Washington state assessment scores are based on the Washington Assessment of Student Learning (WASL). Administered from 1997 to 2009, the criterion-referenced WASL fulfilled requirements from the Washington state Education Reform Act of 1993 as well as NCLB. A satisfactory score was a requirement for high school graduation. In school year 2009-2010, the WASL was replaced by the shorter Measurements of Student Progress (MSP) for grades 3 through 8 and the High School Proficiency Exam (HSPE).

Like the new MSP and HSPE tests that are replacing it, the WASL was administered in reading, math, writing and science. For this report, reading and math WASL scores from school year 2008/2009 provide the basis for military impacted and non-military impacted comparison schools in the Clover Park district in grades 3, 5, 8 and 10.

### **DoDEA**

#### *TerraNova*

DoDEA administers the TerraNova assessment to test student performance in all of their schools and districts. They test students in grades 3 through 11 in the subjects of math, reading, language arts, science and social studies.

## **II b. Effectiveness Index**

Poverty is a relatively strong indicator of student success on standardized tests. Some schools might achieve at relatively high rates, but students in these schools could be better off economically and this may help to explain their high scores. Other schools may struggle to meet absolute standards of educational success, but in fact achieve well beyond the level of other schools with similar populations of lower income students. The goal of the Effectiveness Index (EI) is to compare test scores for each

---

<sup>29</sup> California Department of Education, Testing & Accountability: <http://www.cde.ca.gov/ta/>

<sup>30</sup> State of Washington, Office of Superintendent of Public Instruction: <http://www.k12.wa.us/Assessment/>

---

state's schools to other schools in that state with the same poverty level. This approach is based on an original analysis of educational attainment by Gaudet<sup>31</sup>.

In this analysis, the percentage of students eligible for free and reduced lunch is used as a proxy for the poverty level of the student population. The percentage of students scoring above a state's minimum qualification for proficiency was the considered outcome. Schools that have a high percentage of students eligible for free or reduced lunch typically have a lower percentage of proficient students than schools with a low percentage of students eligible for free or reduced lunch. For each comparison state, test subject and grade level, a linear regression approach was used to estimate the effect of free and reduced lunch status on the percentage of students meeting the state's proficiency standard for that test. The linear regression model allows for the computation of a single predicted proficiency score for any school with a given percentage of students qualifying for free and reduced lunch, by state, grade level and test subject.

The nature of the regression analysis limits the reasonable interpretation of the predicted values in two major ways. First, the strength of the relationship varies by location, grade level, and test subject, with the lower grade levels in particular typically exhibiting stronger relationships. In addition, the effect of free and reduced lunch on test scores does not account for all factors outside of the school's control, for example: average lower educational levels of parents in lower income households; possible differences in amount of outside instruction or tutoring provided to students; family difficulties such as loss of employment or lack of adequate childcare that may disproportionately affect some communities; or other possible cultural or socioeconomic factors. Nevertheless, considering school level test scores within the context of the percentage of students at a school who qualify for free and reduced lunch provides a more nuanced understanding than comparing test scores alone.

### *Residual Values*

Using the predicted values for test proficiency based on the percent of students qualifying for free or reduced price lunch, the difference between an actual proficiency score and the predicted score can be computed. This is called the "residual" value, and it can be either a positive or negative number.

In this case, a positive residual value indicates that a particular school performed better on a test than their proportion of students with free or reduced lunch would predict, while a negative value indicates that the school performed worse. Using residual values, each school can be rank-ordered by the extent to which the school ranks over the prediction or under the prediction of the test score given the socioeconomic status of the students served.

As noted above, this model does not account for any other explanatory factors which may include community-level, district-level, school-level and student-level factors, some of which relate to poverty, as well as other factors which affect test scores. Because this is a simple model that does not include many of these factors, the estimate which the prediction and residual rely upon may be biased.

---

<sup>31</sup> Robert Daniel Gaudet, "Education achievement communities: A new model for "kind of community" in Massachusetts based on an analysis of community characteristics affecting educational outcomes" (January 1, 1998). *Electronic Doctoral Dissertations for UMass Amherst*. Paper AAI9841870. <http://scholarworks.umass.edu/dissertations/AAI9841870>

---

### *Limiting the Impact of Small Schools/Few Test Takers*

Since the outcome variable (percent of students scoring at or above proficiency) varies more widely when there are a small number of test takers, a decision rule was imposed to limit the analysis to only schools with more than 10 test takers for a given grade and test.

### **II c. No Child Left Behind (NCLB)**

In 2002, then-President George W. Bush signed the No Child Left Behind Act of 2001 into law. This law reauthorized the Elementary and Secondary Education Act and focuses on four pillars: stronger accountability for results, more freedom for states and communities, proven education methods and more choices for parents. States and districts set goals for performance and other outcomes (graduation rate, retention rate etc.) that increase over time for continued improvement. The overall goal is to reduce the achievement gap across student groups and to increase proficiency in reading and math subjects. Schools that underperform repeatedly over time in a subject area or within a student group must show plans for improvement. If no improvement is reached, schools must allow parents the option to send their children to another public or charter school, or provide additional education services to improve achievement. Only schools and districts that receive Title 1 funding from the federal government (funds allocated to help economically disadvantaged student groups) are required to have these consequences attached to Annual Yearly Progress (AYP) determinations. Each state uses its own tests and develops its own proficiency goals in order to determine AYP. As a result, this makes it impossible to compare NCLB outcomes across states, since each state test is different.

In this report, NCLB data from school year 2008/2009 was compiled for military impacted schools in each of the comparison districts at the elementary, middle and high school levels. The data for Hawaii is in the main body of the report. The data for each of the comparison districts is in Appendix C.

### **II d. TerraNova Assessment Program**

The State of Hawaii, the State of Alaska, and the Department of Defense Education Activity (DoDEA) administer a national norm-referenced test called the TerraNova Assessment, published by McGraw-Hill, to evaluate student performance in their schools and districts. Hawaii tests students in grades 3 through grade 10 in the subjects of reading and mathematics. Alaska tests students in grades 5 and 7 in the subjects of language arts (including reading) and mathematics. DoDEA tests students in grades 3 through 11 in the subjects of math, reading, language arts, science, and social studies.

A “normed” test, as opposed to a criterion-referenced test, makes comparisons to a nationally representative sample of students who took the test rather than to an internal measure of proficiency. Like all norm-referenced tests, the TerraNova reports scores in percentiles based on a national sample of students (the norm group). Each individual test is reported in comparison to how other students at that grade-level performed. The 50th percentile is set as the “average” score and everything above the 50th percentile scores better than the national sample. The score reported is not the actual score on the test, but rather the score in relationship to the norm group overall. Each percentile score, either for an individual or for a group of individuals (such as a school district) is a direct comparison to the reference group. For example, a school’s students who score at the 60th percentile scored higher than 60 percent of the students who took the same test.



---

### ***District comparisons***

UMDI obtained TerraNova data from Hawaii, Anchorage and DoDEA in an effort to compare the districts. Each district presented the data in a different form and efforts were undertaken to make the data compatible. The following describes the process undertaken to allow for comparison of the TerraNova data across districts.

#### ***Hawaii***

Hawaii originally provided the data in grouped stanines. For the norm group, the results are scaled so that roughly 23 percent of students fall into stanines 1 through 3, 54 percent into stanines 4 through 6 and 23 percent into stanines 7 to 9. These stanine groups correspond to “below average”, “average”, and “above average”. Hawaii provided data per school for grades 3, 5, 7, 8, and 10 showing the number of test takers and the percentage of students scoring “average or above”. The below average category reflects stanines 1 to 3, average reflects stanines 4 to 6, and the above average reflects stanines 7 to 9. The data from Hawaii included the total percentage of students whose scores fell into stanines 4 to 9.

The table below shows the comparison of stanines to approximate percentiles:

<b>Stanine Level</b>	<b>Approximate Percentiles</b>	<b>Percentage of Students</b>	<b>Performance Band</b>
9 Highest level	96-99	4%	Above Average
8 High level	90-95	7%	
7 Well above average	78-89	12%	
6 Slightly above average	60-77	17%	Average
5 Average	41-59	20%	
4 Slightly below average	23-40	17%	
3 Well below average	11-22	12%	Below Average
2 Low level	5-10	7%	
1 Lowest level	1-4	4%	

Hawaii’s unique TerraNova data did not allow a direct comparison to Anchorage or DoDEA without first converting the scores to percentiles. In order to compare Hawaii school performance on the TerraNova to other districts, a request was made to the Hawaii Department of Education for the TerraNova assessments in percentiles. Hawaii subsequently sent the data in percentiles and the number of test takers for all grades and tests. In this file, they note that “average percentiles were calculated by determining the percentile equivalent to the average raw score”. Therefore, they took an average raw score on the TerraNova test for that grade and school and used a conversion factor to assign this score to a percentile.

#### ***Anchorage***

TerraNova information was provided by the Anchorage School District in a password protected file. The file included the performance data for all schools in Anchorage. For the purposes of the TerraNova comparison, we used the information for the district of Anchorage overall.

---

Anchorage provided the data in normal curve equivalents (NCEs). The mean NCE is used to mark the arithmetic average of a group of national percentile scores. Since national percentile scores cannot technically be added, subtracted, multiplied, or divided, they are first converted to the equal interval NCE scale and then an average is calculated. This average is the mean NCE. These scores were converted back to percentile scores using a conversion factor to make comparisons to Hawaii and DoDEA.

#### *DoDEA*

Performance information for the Domestic Dependent Elementary and Secondary Schools (DDESS) was downloaded from the DoDEA webpage. Percentile scores for grades 3, 5, 7, 8, and 10 in the subjects of reading and math were taken for the DDESS system overall. Data for the DDESS system overall is reported in percentile scores and therefore no conversion was necessary.

#### ***TerraNova and Hawaii's military impacted schools***

In order to compare the performance of Hawaii's military impacted schools to that of Hawaii overall, another conversion process was undergone.

#### *Percentile scores and NCE (Normal Curve Equivalent) scores*

Percentile scores do not have an equal distribution across the range of scores and, therefore, they cannot be used for any averaging or aggregation. For example, the difference between a percentile score of 58 to 59 is not the same unit of increase as the difference between a score of 25 to 26. However, percentile scores can be converted to normal curve equivalents (NCEs) that allow for averaging and use in statistical procedures. In Hawaii, we converted all school level percentile scores into NCEs for the purposes of averaging military impacted schools and on-base schools.

#### *Weighted average of the NCE*

Since student level data was not available, we are unable to calculate percentile scores for custom groupings of students, for example, all military impacted and all on-base schools. Therefore, a weighted average procedure was used for these groupings. The NCE scores were averaged for all military impacted as well as all on-base schools for each grade and test. Since schools vary significantly in size, a weighted average was used so that larger schools did not have a disproportionate impact on the results. The average was calculated using the number of test takers for each TerraNova test. These average NCE scores were then converted back to percentile scores for comparison to other districts.

## **II e. National Assessment of Educational Progress (NAEP)**

Administered since 1969, the National Assessment of Education Progress (NAEP) is the largest nationally representative and continuous educational assessment in the United States. NAEP is a congressionally-mandated project of the National Center for Education Statistics (NCES) within the Institute of Education Sciences of the U.S. Department of Education. The National Assessment Governing Board (NAGB), a bipartisan board composed of governors, state and local education officials, business leaders, teachers, principals, measurement experts, and parents, oversees and sets

---

policy for the test. The Trial Urban District Assessment (TUDA) was first administered in conjunction with the 2002 state NAEP reading and writing assessments and includes selected large urban districts. TUDA continued in 2003, 2005, 2007, 2009, and is scheduled for 2011. Eighteen districts, including San Diego Unified, participated in the 2009 assessment used in this report.

NAEP assesses fourth-, eighth-, and twelfth-grade students in subjects such as mathematics, reading, science, writing, the arts, civics, economics, geography, and U.S. history. The results of NAEP are published as The Nation's Report Card and include information on student performance for the nation, states, and in some cases, urban districts. Since NAEP assessments are administered uniformly using the same sets of tests across the nation, NAEP results serve as a common measure for all states and selected urban districts. The content of the assessments essentially stay the same from year to year, with only carefully documented changes which enables NAEP to provide a picture of student academic progress over time.

For the purpose of this report, we focused on state and selected trial urban district assessments in our states of interest, Hawaii, Alaska, California, Washington, as well as the district of San Diego Unified, California. Scores for DoDEA (Department of Defense Education Activity) and national public schools overall were also included for comparison.

#### *NAEP Scores*

In this report, we utilized the grades 4 and 8 reading and math assessments. The grade 12 test was only available at the national level and not disaggregated by state. The scale of scores for all tests is from 0 to 500. Within this score range, there are three measures or "NAEP Achievement Levels": Basic, Proficient, and Advanced.<sup>32</sup>

These achievement levels are noted on each of the individual charts prepared for this report to illustrate where each state performed on the test compared to other states and with regard to the three achievement levels. Additionally, the charts in this report highlight statistically significant differences between states as compared to Hawaii. The shading in the charts illustrates the states with a NAEP score significantly lower than Hawaii (pink), statistically indistinguishable from Hawaii (cream), and significantly higher than Hawaii (green).

### **III. Programs and Services**

Selected program information was gathered to compare the presence or absence of various programs and services in the districts of interest. As part of the project, field visits were made by the research team during January and February 2010 to at least one elementary school, middle school and high school in each of the comparison districts. No DDESS school visits were made. All DoDEA program data came directly from DoDEA.

---

<sup>32</sup> For more information on the three achievement levels, visit: National Assessment of Educational Progress (NAEP), <http://nces.ed.gov/nationsreportcard/>

## Data Sources

	Hawaii	Anchorage	Clover Park	San Diego	Travis
<b>School Choice</b>					
<i>Intra-district</i>	ECS, School Choice Database, <a href="http://ecs.org/ecsmain.asp?page=/html/issuesK12.asp">http://ecs.org/ecsmain.asp?page=/html/issuesK12.asp</a>				
<i>Inter-district</i>					
<b>Early Childhood</b>					
<i>Universal Pre-K Program</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<b>Gifted and Talented</b>					
<i>Gifted and Talented</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<b>Extracurricular Programs</b>					
<i>Before/ After School Programs</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<i>Athletic Programs</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<b>Counseling and Transitional Services</b>					
<i># of District-wide Counselors (SY 07-08)</i>	NCES	NCES	NCES	NCES	NCES
<i>Students per Counselor, District (SY 07-08)</i>	NCES	NCES	NCES	NCES	NCES
<i>Deployment-related and Transitional Services</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<b>Full Day Kindergarten</b>					
<i>Offered in all District Elementary Schools</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<i>Offered in Selected District Elementary Schools</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<i>Not Offered</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<b>High School</b>					
<i>State Minimum: Carnegie Credits for Graduation</i>	NCES, <a href="http://nces.ed.gov/programs/coe/2007/analysis/sa_table.asp?tableID=851">http://nces.ed.gov/programs/coe/2007/analysis/sa_table.asp?tableID=851</a>				
<i>District Minimum: Graduation Credit Requirements</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<i>HS Exit Exam</i>	ECS, <a href="http://mb2.ecs.org/reports/Report.aspx?id=1359">http://mb2.ecs.org/reports/Report.aspx?id=1359</a>				
<i>Vocational-Technical Programs</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<i>SAT/ACT PREP</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<i>ROTC</i>	HIDoE	Anchorage DoE	Clover Park SD	San Diego Unified SD	Travis Unified SD
<i>Statewide Virtual High School</i>	ECS, <a href="http://mb2.ecs.org/reports/Report.aspx?id=1382">http://mb2.ecs.org/reports/Report.aspx?id=1382</a> ; State DoEs				

---

## Appendix B: District Profiles

UMDI compiled district, student and teacher characteristic data. Indicator information was gathered from a variety of sources, including NCES, state departments of education, and directly from the comparison districts. All indicators reflect school year 2008/2009, except in certain cases when that data was unavailable.

Note: The latest year available for a graduation rates calculated in the same way is SY 06/07.

The averaged freshman graduation rate is the number of graduates divided by the estimated count of freshmen 4 years earlier. The estimated averaged freshman enrollment count is the sum of the number of 8th-graders 5 years earlier, the number of 9th-graders 4 years earlier (when current-year seniors were freshmen), and the number of 10th-graders 3 years earlier, divided by 3. Enrollment counts include a proportional distribution of students not enrolled in a specific grade. Graduates include only those who earned regular diplomas or diplomas for advanced academic achievement (e.g., honors diploma) as defined by the state or jurisdiction.

Event dropout rates measure the percentage of public school students in grades 9 through 12 who dropped out of school between one October and the next.

Graduation rate data is not available for DDESS in the same form. The DDESS graduation rate reflects only 12th grade students who graduate by the end of their senior year. In SY08/09, the DDESS one year graduation rate was 96%. No DDESS dropout rate was provided.

## Hawaii

Hawaii		
District Overview		
Grade Range		K-12
Enrollment		170,488
# of Schools		256
Student: Teacher Ratio		15.4
Demographics		
% Special Education Students		10.3%
% ELL		11.2%
% Free or Reduced Lunch		42.0%
% Minority		87.5% <sup>33</sup>
Performance		
	Reading	Math
TerraNova Grade 3 (%ile)	35	40
TerraNova Grade 5 (%ile)	38	44
TerraNova Grade 7 (%ile)	42	41
TerraNova Grade 8 (%ile)	46	48
TerraNova Grade 10 (%ile)	43	56
HSA Grade 3 (% Advanced/Proficient)	62	49
HSA Grade 5 (% Advanced/Proficient)	61	46
HSA Grade 8 (% Advanced/Proficient)	68	39
HSA Grade 10 (% Advanced/Proficient)	73	34
High School Graduation Rate (SY 06/07)		75.4
Dropout Rate (SY 06/07)		7.0
<i>Advanced Placement Courses (SY 2007-2008)</i>		
	# of AP Exams Taken	4,498
	% of Exams Scoring 3 or Above	43%
	Average # of Exams Per Student (11 <sup>th</sup> and 12 <sup>th</sup> graders)	1.5
<i>SAT Average Score (SY 2007-2008)</i>		
	Reading	456
	Math	473
	Writing	441
Teacher Characteristics		
% Licensed Teachers		90.3%
Average Years Teaching Experience		11.6
% Teachers with Advanced Degree		31.0%
% Core Classes Taught by Teachers meeting NCLB Requirements		74.2%

NOTE: All data is from SY 2008-2009 and excludes charter schools, unless otherwise noted.

<sup>33</sup> Hawaii does not report % minority. This figure represents the % of non-white students.

## Hawaii Data Sources

<b>District Overview</b>	
Grade Range	Hawaii DoE Data Request, 2.8.10
Enrollment	Hawaii DoE Data Request, 2.8.10
Student: Teacher Ratio	Hawaii DoE Data Request, 2.8.10
# of Schools	Hawaii DoE Data Request, 2.8.10
<b>Demographics</b>	
% Special Education Students	Hawaii DoE Data Request, 2.8.10
% ELL	Hawaii DoE Data Request, 2.8.10
% Free or Reduced Lunch	Hawaii DoE Data Request, 2.8.10
% Minority	Hawaii DoE Data Request, 2.8.10
<b>Performance</b>	
TerraNova Grade 3 (%ile)	Hawaii DoE Data Request, 4.15.10
TerraNova Grade 5 (%ile)	Hawaii DoE Data Request, 4.15.10
TerraNova Grade 7 (%ile)	Hawaii DoE Data Request, 4.15.10
TerraNova Grade 8 (%ile)	Hawaii DoE Data Request, 4.15.10
TerraNova Grade 10 (%ile)	Hawaii DoE Data Request, 4.15.10
HSA Grade 3 (% Advanced/Proficient)	Hawaii DoE Data Request, 2.8.10
HSA Grade 5 (% Advanced/Proficient)	Hawaii DoE Data Request, 2.8.10
HSA Grade 8 (% Advanced/Proficient)	Hawaii DoE Data Request, 2.8.10
HSA Grade 10 (% Advanced/Proficient)	Hawaii DoE Data Request, 2.8.10
High School Graduation Rate	National Center for Education Statistics, SY 06/07
Dropout Rate	National Center for Education Statistics, SY 06/07
<i>Advanced Placement Courses (SY 2007-2008)</i>	
# of AP Exams Taken	Hawaii DoE, Superintendents, 20 <sup>th</sup> Annual Report, 2009
% of Exams Scoring 3 or Above	Hawaii DoE, Superintendents, 20 <sup>th</sup> Annual Report, 2009
Average # of Exams Per Student (11 <sup>th</sup> and 12 <sup>th</sup> graders)	Hawaii DoE, Superintendents, 20 <sup>th</sup> Annual Report, 2009
<i>SAT Average Score (SY 2007-2008)</i>	
Reading	The College Board, <a href="http://professionals.collegeboard.com/profdownload/Hawaii_CBS_08.pdf">http://professionals.collegeboard.com/profdownload/Hawaii_CBS_08.pdf</a>
Math	The College Board, <a href="http://professionals.collegeboard.com/profdownload/Hawaii_CBS_08.pdf">http://professionals.collegeboard.com/profdownload/Hawaii_CBS_08.pdf</a>
Writing	The College Board, <a href="http://professionals.collegeboard.com/profdownload/Hawaii_CBS_08.pdf">http://professionals.collegeboard.com/profdownload/Hawaii_CBS_08.pdf</a>
<b>Teacher Characteristics</b>	
% Licensed Teachers	Hawaii DoE Data Request, 2.8.10
Average Years Teaching Experience	Hawaii DoE Data Request, 2.8.10
% Teachers with Advanced Degree	Hawaii DoE Data Request, 2.8.10
% Teachers "Highly Qualified"	Hawaii DoE Data Request, 2.8.10

## Anchorage, Alaska

Anchorage, Alaska		
<b>District Overview</b>		
Grade Range		K-12
Enrollment		46,611
# of Schools		88
Student: Teacher Ratio		16.8*
<b>Demographics</b>		
% Special Education Students		14.3%
% ELL		10.8%
% Free or Reduced Lunch		36.5%
% Minority		51.6%
<b>Performance</b>		
	<i>Reading</i>	<i>Math</i>
TerraNova Grade 5 (%ile)	50	50
TerraNova Grade 7 (%ile)	62	58
SBA Grade 3 (% Advanced/Proficient)	81	77
SBA Grade 5 (% Advanced/Proficient)	82	74
SBA Grade 8 (% Advanced/Proficient)	82	66
SBA Grade 10 (% Advanced/Proficient)	85	71
High School Graduation Rate (SY 06/07)		73.8
Dropout Rate (SY 06/07)		8.7
<i>Advanced Placement Courses (SY 2007-2008)</i>		
	# of AP Exams Taken	2,399
	% of Exams Scoring 3 or Above	66.5%
	Average # of Exams Per Student (11 <sup>th</sup> and 12 <sup>th</sup> graders)	1.8
<i>SAT Average Score (SY 2007-2008)</i>		
	Reading	532
	Math	543
	Writing	506
<b>Teacher Characteristics</b>		
% Licensed Teachers		99.9%
Average Years Teaching Experience		N/A
% Teachers with Advanced Degree		37.6%
% Core Classes Taught by Teachers meeting NCLB Requirements		90.4%*

NOTE: All data is from SY 2008-2009 and excludes charter schools, unless otherwise noted.



## Anchorage, Alaska Data Sources

<b>District Overview</b>	
Enrollment	Anchorage Public Schools, Data Request, 3.2.10
Student: Teacher Ratio	"2008-09 Teacher/Student Data by School" and is calculated by dividing Teacher FTEs into Average Daily Membership, <a href="http://www.eed.state.ak.us/stats/SchoolLevel/2009SchoolLevelCount.pdf">http://www.eed.state.ak.us/stats/SchoolLevel/2009SchoolLevelCount.pdf</a>
# of Schools	Anchorage Public Schools, Data Request, 3.2.10
<b>Demographics</b>	
% Special Education Students	Anchorage Public Schools, Data Request 3.2.10
% ELL	Anchorage Public Schools, Data Request 3.2.10
% Free or Reduced Lunch	Anchorage Public Schools, Data Request 3.2.10
% Minority	Anchorage Public Schools, Data Request 3.2.10
<b>Performance</b>	
TerraNova: Gr. 5 (%ile)	Anchorage Public Schools, Data Request, 3.2.10
TerraNova Gr. 7 (%ile)	Anchorage Public Schools, Data Request, 3.2.10
SBA Grade 3 (% Advanced/Proficient)	Anchorage Public Schools, Data Request, 3.2.10
SBA Grade 5 (% Advanced/Proficient)	Anchorage Public Schools, Data Request, 3.2.10
SBA Grade 7 (% Advanced/Proficient)	Anchorage Public Schools, Data Request, 3.2.10
SBA Grade 10 (% Advanced/Proficient)	Anchorage Public Schools, Data Request, 3.2.10
High School Graduation Rate	National Center for Education Statistics, SY 06/07
Dropout Rate	National Center for Education Statistics, SY 06/07
<i>Advanced Placement Courses (SY 2007-2008)</i>	
# of AP Exams Taken	"2008-2009 Profile of Performance, District Overview" <a href="http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf">http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf</a>
% of Exams Scoring 3 or Above	"2008-2009 Profile of Performance, District Overview" <a href="http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf">http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf</a>
Average # of Exams Per Student (11 <sup>th</sup> and 12 <sup>th</sup> graders)	"2008-2009 Profile of Performance, District Overview" <a href="http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf">http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf</a>
<i>SAT Average Score (SY 2007-2008)</i>	
Reading	"2008-2009 Profile of Performance, District Overview" <a href="http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf">http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf</a>
Math	"2008-2009 Profile of Performance, District Overview" <a href="http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf">http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf</a>
Writing	"2008-2009 Profile of Performance, District Overview" <a href="http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf">http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf</a>
<b>Teacher Characteristics</b>	
% Licensed Teachers	Anchorage Public Schools, Data Request, 3.2.10; calculated using "2008-09 Teacher/Student Data by School", (includes charters) <a href="http://www.eed.state.ak.us/stats/SchoolLevel/2009SchoolLevelCount.pdf">http://www.eed.state.ak.us/stats/SchoolLevel/2009SchoolLevelCount.pdf</a>
Average Years Teaching Experience	N/A
% Teachers with Advanced Degree	Anchorage Public Schools, Data Request, 3.2.10; calculated using "2008-09 Teacher/Student Data by School", (includes charters) <a href="http://www.eed.state.ak.us/stats/SchoolLevel/2009SchoolLevelCount.pdf">http://www.eed.state.ak.us/stats/SchoolLevel/2009SchoolLevelCount.pdf</a>
% Teachers "Highly Qualified"	"2008-2009 Profile of Performance, District Overview" <a href="http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf">http://www.asdk12.org/depts/assess_eval/POP/0809/POP_0809_District.pdf</a>

## Clover Park School District, Lakewood, Washington

Clover Park School District, Lakewood, WA		
<b>Overview</b>		
Grade Range		K-12
Enrollment		12,242
Number of Schools		31
Student : Teacher Ratio		18.2
<b>Demographics</b>		
% Special Education Students		13.7%
% ELL		9.4%
% Free or Reduced Lunch		62.7%
% Minority		53.7%
<b>Performance</b>		
	<i>Reading</i>	<i>Math</i>
WASL Grade 3 (% Advanced/Proficient)	60	50
WASL Grade 5 (% Advanced/Proficient)	68	52
WASL Grade 8 (% Advanced/Proficient)	69	40
WASL Grade 10 (% Advanced/Proficient)	78	34
High School Graduation Rate (SY 06/07)		49.7
Dropout Rate (SY 06/07)		6.9
<i>Advanced Placement Courses (SY 2007-2008)</i>		
	# of AP Exams Taken	540
	% of Exams Scoring 3 or Above	23.7%
	Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)	2.1
<i>SAT Average Score (SY 2007-2008)</i>		
	Reading	457
	Math	463
	Writing	440
<b>Teacher Characteristics</b>		
% Licensed Teachers		99.4%
Average Years Teaching Experience		11.7
% Teachers with Advanced Degree		57.0%
% Core Classes Taught by Teachers meeting NCLB Requirements		100%

NOTE: All data is from SY 2008-2009 and excludes charter schools, unless otherwise noted.

## Clover Park School District Data Sources

<b>Overview</b>	
Grade Range	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
Enrollment	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
Number of Schools	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
Student : Teacher Ratio	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
<b>Demographics</b>	
% Special Education Students	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
% ELL	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
% Free or Reduced Lunch	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
% Minority	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
<b>Performance</b>	
WASL Grade 3 (% Advanced/Proficient)	<a href="http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09">http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09</a>
WASL Grade 5 (% Advanced/Proficient)	<a href="http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09">http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09</a>
WASL Grade 8 (% Advanced/Proficient)	<a href="http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09">http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09</a>
WASL Grade 10 (% Advanced/Proficient)	<a href="http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09">http://reportcard.ospi.k12.wa.us/summary.aspx?year=2008-09</a>
High School Graduation Rate	National Center for Education Statistics, SY 06/07
Dropout Rate	National Center for Education Statistics, SY 06/07
<i>Advanced Placement Courses (SY 2007-2008)</i>	
# of AP Exams Taken	Clover Park School District, Data Book, October 2009, <a href="http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf">http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf</a>
% of Exams Scoring 3 or Above	Clover Park School District, Data Book, October 2009, <a href="http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf">http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf</a>
Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)	Clover Park School District, Data Book, October 2009, <a href="http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf">http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf</a>
<i>SAT Average Score (SY 2007-2008)</i>	
Reading	Clover Park School District, Data Book, October 2009, <a href="http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf">http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf</a>
Math	Clover Park School District, Data Book, October 2009, <a href="http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf">http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf</a>
Writing	Clover Park School District, Data Book, October 2009, <a href="http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf">http://www.cloverpark.k12.wa.us/Admin/PDFs/DataBook2009.pdf</a>
<b>Teacher Characteristics</b>	
% Licensed Teachers	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
Average Years Teaching Experience	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
% Teachers with Advanced Degree	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>
% Core Classes Taught by Teachers meeting NCLB Requirements	Office of Superintendent of Public Instruction, <a href="http://reportcard.ospi.k12.wa.us">http://reportcard.ospi.k12.wa.us</a>

## San Diego Unified School District, California

San Diego Unified School District*, California		
Overview		
Grade Range		K-12
Enrollment		132,256
Number of Schools		218
Student : Teacher Ratio		19.3
Demographics		
% Special Education Students		12.4%
% ELL		29.3%
% Free or Reduced Lunch		63.2%
% Minority		74.7%
Performance		
	<i>Reading</i>	<i>Math</i>
CST Grade 3 (% Advanced/Proficient)	48	66
CST Grade 5 (% Advanced/Proficient)	58	60
CST Grade 8 (% Advanced/Proficient)	49	38
CAHSEE Grade 10 (% Pass)	79	81
High School Graduation Rate (SY 06/07)		60.7
Dropout Rate (SY 06/07)		5.8
<i>Advanced Placement Courses (SY 2007-2008)</i>		
	# of AP Exams Taken	10,382
	% of Exams Scoring 3 or Above	49%
	Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)	1.7
<i>SAT Average Score (SY 2007-2008)</i>		
	Reading	496
	Math	505
	Writing	488
Teacher Characteristics		
% Licensed Teachers		97.6%
Average Years Teaching Experience		14.4
% Teachers with Advanced Degree		61.9%
% Core Classes Taught by Teachers meeting NCLB Requirements		95.9%

NOTE: All data is from SY 2008-2009 and excludes charter schools, unless otherwise noted.

\*This figure includes charter schools; data excluding charters was not available.

## San Diego Unified Data Sources

<b>Overview</b>	
Grade Range	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Enrollment	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Number of Schools	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Student : Teacher Ratio	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
<b>Demographics</b>	
% Special Education Students (07-08)	NCES
% ELL	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
% Free or Reduced Lunch	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
% Minority	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
<b>Performance</b>	
CST Grade 3 (% Advanced/Proficient)	California DoE, <a href="http://star.cde.ca.gov/">http://star.cde.ca.gov/</a>
CST Grade 5 (% Advanced/Proficient)	California DoE, <a href="http://star.cde.ca.gov/">http://star.cde.ca.gov/</a>
CST Grade 8 (% Advanced/Proficient)	California, DoE, <a href="http://star.cde.ca.gov/">http://star.cde.ca.gov/</a>
CAHSEE Grade 10 (% Pass)	California DoE, <a href="http://cahsee.cde.ca.gov/reports.asp">http://cahsee.cde.ca.gov/reports.asp</a>
High School Graduation Rate (SY 2007-2008)	National Center for Education Statistics, SY 06/07
Dropout Rate	National Center for Education Statistics, SY 06/07
<i>Advanced Placement Courses (SY 2007-2008)</i>	
# of AP Exams Taken	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
% of Exams Scoring 3 or Above	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
<i>SAT Average Score (SY 2007-2008)</i>	
Reading	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
Math	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
Writing	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
<b>Teacher Characteristics</b>	
% Licensed Teachers	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Average Years Teaching Experience	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
% Teachers with Advanced Degree	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
% Core Classes Taught by Teachers meeting NCLB Requirements	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>

## Travis Unified School District, California

Travis Unified School District, California		
Overview		
Grade Range		K-12
Enrollment		5,301
Number of Schools		10
Student : Teacher Ratio		20.2
Demographics		
% Special Education Students		11.0%
% ELL		3.2%
% Free or Reduced Lunch		21.8%
% Minority		57.7%
Performance		
	<i>Reading</i>	<i>Math</i>
CST Grade 3 (% Advanced/Proficient)	50	70
CST Grade 5 (% Advanced/Proficient)	66	52
CST Grade 8 (% Advanced/Proficient)	68	76
CAHSEE Grade 10 (% Pass)	93	91
High School Graduation Rate (SY 06/07)		79.9
Dropout Rate (SY 06/07)		N/A
<i>Advanced Placement Courses (SY 2007-2008)</i>		
	# of AP Exams Taken	299
	% of Exams Scoring 3 or Above	51.2%
	Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)	1.8
<i>SAT Average Score (SY 2007-2008)</i>		
	Reading	496
	Math	506
	Writing	493
Teacher Characteristics		
% Licensed Teachers		98.1%
Average Years Teaching Experience		10.7
% Teachers with Advanced Degree		20.0%
% Core Classes Taught by Teachers meeting NCLB Requirements		98.7%

NOTE: All data is from SY 2008-2009 and excludes charter schools, unless otherwise noted.

## Travis Unified Data Sources

Travis Unified Data Sources	
<b>Overview</b>	
Grade Range	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Enrollment	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Number of Schools	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Student : Teacher Ratio	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
<b>Demographics</b>	
% Special Education Students	Travis Unified Data Request
% ELL	Travis Unified Data Request
% Free or Reduced Lunch	Travis Unified Data Request
% Minority	Travis Unified Data Request
<b>Performance</b>	
CST Grade 3 (% Advanced/Proficient)	California DoE, <a href="http://star.cde.ca.gov/">http://star.cde.ca.gov/</a>
CST Grade 5 (% Advanced/Proficient)	California DoE, <a href="http://star.cde.ca.gov/">http://star.cde.ca.gov/</a>
CST Grade 8 (% Advanced/Proficient)	California DoE, <a href="http://star.cde.ca.gov/">http://star.cde.ca.gov/</a>
CAHSEE Grade 10 (% Pass)	California DoE, <a href="http://cahsee.cde.ca.gov/reports.asp">http://cahsee.cde.ca.gov/reports.asp</a>
High School Graduation Rate (SY 06/07)	National Center for Education Statistics, SY 06/07
Dropout Rate (SY 06/07)	National Center for Education Statistics, SY 06/07
<i>Advanced Placement Courses (SY 2007-2008)</i>	
# of AP Exams Taken	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
% of Exams Scoring 3 or Above	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
<i>SAT Average Score (SY 2007-2008)</i>	
Reading	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
Math	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
Writing	California DoE, <a href="http://data1.cde.ca.gov/">http://data1.cde.ca.gov/</a>
<b>Teacher Characteristics</b>	
% Licensed Teachers	California DoE, <a href="http://www.ed-data.k12.ca.us">http://www.ed-data.k12.ca.us</a>
Average Years Teaching Experience	Travis Unified Data Request
% Teachers with Advanced Degree	Travis Unified Data Request
% Core Classes Taught by Teachers meeting NCLB Requirements	Travis Unified Data Request

## DDESS

DDESS		
<b>Overview</b>		
Grade Range		PK-12
Enrollment		25,657
Number of Schools		63
Student : Teacher Ratio		11.66
<b>Demographics</b>		
% Special Education Students		17.2%
% ELL		18.9%
% Free or Reduced Lunch		N/A
% Minority		23.2%
<b>Performance</b>		
	<i>Reading</i>	<i>Math</i>
TerraNova Grade 3 (%ile)	56	56
TerraNova Grade 5 (%ile)	57	58
TerraNova Grade 7 (%ile)	63	59
TerraNova Grade 8 (%ile)	64	59
TerraNova Grade 10 (%ile)	66	58
High School Graduation Rate		96
Dropout Rate		N/A
<i>Advanced Placement Courses (SY 2007-2008)</i>		
# of AP Exams Taken		307
% of Exams Scoring 3 or Above		32.6%
Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)		2.9
<i>SAT Average Score (SY 2007-2008)</i>		
Reading		492
Math		480
Writing		473
<b>Teacher Characteristics</b>		
% Licensed Teachers		81.0%
Average Years Teaching Experience		14
% Teachers with Advanced Degree		69.8%
% Core Classes Taught by Teachers meeting NCLB Requirements		N/A



## DDESS Data Sources

<b>Overview</b>	
Grade Range	DoDEA, SY08/09
Enrollment	DoDEA, SY08/09
Number of Schools	DoDEA, SY08/09
Student : Teacher Ratio	DoDEA, SY08/09; computed: Enrollment/Teacher FTE
<b>Demographics</b>	
Percentage Free & Reduced Lunch	Not Provided
Percentage Special Education	DoDEA, SY08/09
Percentage Minority	DoDEA, SY08/09
Percentage English Language Learners (ELL)	DoDEA, SY08/09
<b>Performance</b>	
TerraNova Grade 3 (%ile)	DoDEA, SY08/09
TerraNova Grade 5 (%ile)	DoDEA, SY08/09
TerraNova Grade 7 (%ile)	DoDEA, SY08/09
TerraNova Grade 8 (%ile)	DoDEA, SY08/09
TerraNova Grade 10 (%ile)	DoDEA, SY08/09
High School Graduation Rate	DoDEA, SY08/09
Dropout Rate	Not provided
<i>Advanced Placement Courses</i>	
# of AP Exams Taken	DoDEA
% of Exams Scoring 3 or Above	DoDEA
Average # of Exams Per Student (11 <sup>th</sup> and 12th graders)	DoDEA
<i>SAT Average Score (SY 2007-2008)</i>	
Reading	SAT Report for the Nation, DoDEA, DDESS and DoDDS High School, Average SAT Scores, 2008, DoDEA
Math	SAT Report for the Nation, DoDEA, DDESS and DoDDS High School, Average SAT Scores, 2008, DoDEA
Writing	SAT Report for the Nation, DoDEA, DDESS and DoDDS High School, Average SAT Scores, 2008, DoDEA
<b>Teacher Characteristics</b>	
% Licensed Teachers	DoDEA, SY08/09
Average Years Teaching Experience	DoDEA, SY08/09
% Teachers with Advanced Degree	DoDEA, SY08/09
% Core Classes Taught by Teachers meeting NCLB Requirements	N/A

---

## Appendix C: Effectiveness Index

Appendix C contains the accompanying data tables to the Hawaii scatter plots found on pages x to y as well as the EI model for each of the comparison districts.

The table key below identifies the symbols used in all of the tables in Appendix C.

Type	Symbol
Military Impacted School	*
On Base	∞
School excluded due to insufficient number of test takers	†

## Hawaii

### SY 08/09 Grade 3 Math Performance, All Elementary Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Honaunau Elementary	70.0%	87.0%	37.7
Koloa Elementary	84.6%	49.0%	37.6
Hana High & Elementary	70.6%	68.0%	30.9
Likelike Elementary	64.2%	80.0%	29.1
Kaala Elementary	61.8%	79.0%	26.4
Sunset Beach Elementary	81.5%	28.0%	26.3
Hookena Elementary	63.6%	70.0%	24.7
Pope Elementary	61.1%	76.0%	24.5
Palolo Elementary	54.8%	92.0%	24.4
Wheeler Elementary* <sup>∞</sup>	70.8%	45.0%	22.2
Heeia Elementary	70.3%	46.0%	22.0
Kauluwela Elementary	56.9%	80.0%	21.9
Waialua Elementary	64.8%	56.0%	20.4
Pohakea Elementary	61.0%	65.0%	20.2
Aliiolani Elementary	67.4%	47.0%	19.6
Lanakila Elementary	59.5%	67.0%	19.5
Ala Wai Elementary	62.2%	60.0%	19.4
August Ahrens Elementary	63.2%	57.0%	19.2
Kaaawa Elementary	61.9%	59.0%	18.7
Enchanted Lake Elementary	71.4%	34.0%	18.5
Manoa Elementary	78.9%	14.0%	18.2
Momilani Elementary	80.3%	10.0%	18.1
Manana Elementary	70.2%	35.0%	17.7
Maemae Elementary	77.1%	17.0%	17.6
Liholiho Elementary	73.8%	25.0%	17.4
Nuuanu Elementary	78.8%	11.0%	17.0
Haleiwa Elementary	60.0%	57.0%	16.0
Waikiki Elementary	66.1%	40.0%	15.5
Kamalii Elementary	71.0%	26.0%	15.0
Waters of Life	50.0%	80.0%	15.0
Kahala Elementary	76.8%	9.0%	14.2
Keaau Elementary	51.9%	73.0%	14.1
Lanikai Elementary	75.9%	11.0%	14.1
Kalaniana'ole Elementary & Intermediate	53.6%	68.0%	13.9
Hahaione Elementary	75.7%	11.0%	13.9
Kaunakakai Elementary	51.4%	73.0%	13.7
Waikoloa Elementary	62.1%	45.0%	13.4
Kuhio Elementary	53.4%	67.0%	13.4
Konawaena Elementary	58.1%	55.0%	13.3
Mililani Waena Elementary*	68.7%	27.0%	13.1
Makawao Elementary	60.0%	48.0%	12.5
Kailua Elementary*	57.7%	52.0%	11.8
Pearl Ridge Elementary*	70.2%	19.0%	11.5
Laie Elementary	55.2%	57.0%	11.2
Haiku Elementary	60.3%	42.0%	10.5
Aikahi Elementary*	69.5%	18.0%	10.4
Noelani Elementary	71.8%	12.0%	10.3

**SY 08/09 Grade 3 Math Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Ahuimanu Elementary	65.1%	27.0%	9.5
Kula Elementary	63.3%	30.0%	8.8
Kilohana Elementary	46.2%	74.0%	8.8
Mililani Mauka Elementary*	70.2%	12.0%	8.8
Paia Elementary	57.1%	44.0%	8.1
Leihoku Elementary	49.3%	64.0%	8.0
Puohala Elementary	53.8%	52.0%	7.9
Liliuokalani Elementary	60.0%	35.0%	7.5
Kaelepulu Elementary*	66.7%	17.0%	7.2
Keaukaha Elementary	43.2%	77.0%	7.1
Hilo Union Elementary	41.1%	82.0%	6.9
Iroquois Point Elementary* <sup>∞</sup>	56.9%	41.0%	6.7
Wilson Elementary	68.9%	10.0%	6.7
Hickam Elementary* <sup>∞</sup>	67.3%	14.0%	6.6
Kahaluu Elementary	46.7%	67.0%	6.6
Helemano Elementary*	51.2%	55.0%	6.4
Makakilo Elementary	55.7%	42.0%	5.9
Royal Elementary	45.5%	67.0%	5.4
Scott Elementary	56.6%	38.0%	5.2
Pearl City Elementary*	51.8%	50.0%	5.1
Wailuku Elementary	52.9%	47.0%	5.1
Kaneohe Elementary	60.4%	27.0%	4.8
Pukalani Elementary	52.6%	47.0%	4.7
Kahului Elementary	47.6%	59.0%	4.4
Waimanalo Elementary & Intermediate	39.5%	79.0%	4.1
Ewa Beach Elementary	48.1%	56.0%	3.7
Parker Elementary	47.2%	58.0%	3.7
Pearl City Highlands Elementary	59.2%	27.0%	3.6
Kalihi-waena Elementary	39.1%	77.0%	3.0
Aina Haina Elementary	64.8%	11.0%	2.9
Kalihi Elementary	38.5%	78.0%	2.7
Kealakehe Elementary	47.0%	56.0%	2.6
Lihikai Elementary	46.2%	57.0%	2.2
Kaahumanu Elementary	45.2%	59.0%	2.0
Hokulani Elementary	62.3%	15.0%	2.0
Kaumualii Elementary	48.1%	51.0%	1.9
Waipahu Elementary	36.8%	80.0%	1.8
Kaumana Elementary	44.4%	60.0%	1.7
Innovations	60.0%	19.0%	1.3
Kekaha Elementary	47.7%	50.0%	1.1
Laupahoehoe High & Elementary	41.2%	66.0%	0.7
Kapalama Elementary	44.2%	58.0%	0.7
Kaimiloa Elementary	43.0%	61.0%	0.6
Salt Lake Elementary	49.1%	45.0%	0.5
Waiau Elementary	51.6%	38.0%	0.2
Eleele Elementary	48.4%	45.0%	-0.2
Kahuku Elementary	43.0%	58.0%	-0.5
Kihei Elementary	45.2%	52.0%	-0.7
Mililani Ike Elementary*	64.4%	2.0%	-0.9
Kapunahala Elementary	52.3%	33.0%	-1.0

**SY 08/09 Grade 3 Math Performance, All Elementary Schools (Continued)**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Mililani Uka Elementary*	56.1%	23.0%	-1.0
Kapiolani Elementary	35.5%	76.0%	-1.1
Pearl Harbor Elementary*	49.4%	40.0%	-1.2
Kalihi-uka Elementary	40.0%	63.0%	-1.6
Kipapa Elementary*	46.1%	47.0%	-1.8
Webling Elementary*	53.3%	28.0%	-1.9
Mokapu Elementary* <sup>∞</sup>	48.6%	40.0%	-2.0
Waiakeawaena Elementary	44.7%	50.0%	-2.0
Pauoa Elementary	44.2%	51.0%	-2.1
Waiakea Elementary	44.5%	50.0%	-2.2
Waialae Elementary	54.5%	24.0%	-2.2
Lincoln Elementary	40.9%	59.0%	-2.3
Moanalua Elementary*	57.9%	15.0%	-2.4
Kapaa Elementary	41.9%	55.0%	-2.8
Haaheo Elementary	44.0%	48.0%	-3.5
Paauilo Elementary & Intermediate	40.7%	56.0%	-3.6
Lunalilo Elementary	42.6%	50.0%	-4.1
Wahiawa Elementary*	36.8%	64.0%	-4.4
Aliamanu Elementary*	47.9%	35.0%	-4.6
de Silva Elementary	50.0%	29.0%	-4.8
Ewa Elementary*	42.1%	49.0%	-5.0
Hale Kula Elementary* <sup>∞</sup>	45.5%	40.0%	-5.0
Iliahi Elementary	45.8%	39.0%	-5.1
Lehua Elementary*	43.3%	45.0%	-5.3
Kapolei Elementary*	48.7%	31.0%	-5.4
Kamiloiki Elementary	53.1%	19.0%	-5.6
Koko Head Elementary	54.8%	13.0%	-6.3
Pomaikai Elementary	52.9%	17.0%	-6.7
Makaha Elementary	27.4%	82.0%	-6.8
Pearl Harbor Kai Elementary* <sup>∞</sup>	46.8%	32.0%	-6.9
Kohala Elementary	35.1%	62.0%	-6.9
Jefferson Elementary	35.8%	60.0%	-6.9
Kalihi-kai Elementary	32.7%	68.0%	-7.0
Voyager	48.6%	27.0%	-7.0
Barbers Point Elementary* <sup>∞</sup>	46.1%	33.0%	-7.2
Nanaikapono Elementary	27.0%	82.0%	-7.3
Hanalei Elementary	47.1%	30.0%	-7.4
Honokaa Elementary	38.0%	53.0%	-7.5
Holomua Elementary*	48.5%	25.0%	-7.9
Waihee Elementary	41.7%	42.0%	-8.1
Pahoa Elementary	25.0%	85.0%	-8.1
Keoneula Elementary*	48.7%	24.0%	-8.1
Makalapa Elementary*	40.6%	44.0%	-8.4
Kalaheo Elementary	45.5%	31.0%	-8.6
Palisades Elementary*	44.2%	34.0%	-8.7
Mountain View Elementary	22.1%	88.0%	-9.8

**SY 08/09 Grade 3 Math Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Connections	33.3%	59.0%	-9.8
Waimalu Elementary	38.8%	45.0%	-9.9
Keonepoko Elementary	21.7%	88.0%	-10.2
Kualapuu Elementary	28.3%	71.0%	-10.2
Fern Elementary	23.8%	82.0%	-10.5
Kanoelani Elementary*	43.5%	31.0%	-10.6
Nimitz Elementary*∞	40.4%	38.0%	-11.0
Solomon Elementary*∞	33.3%	56.0%	-11.0
Maunawili Elementary	41.3%	35.0%	-11.2
Kamehameha III Elementary	38.0%	42.0%	-11.8
Waikele Elementary*	43.4%	28.0%	-11.9
Waianae Elementary	21.3%	84.0%	-12.1
Wilcox Elementary	39.8%	35.0%	-12.7
Ka Waihona o ka Naauao	30.6%	58.0%	-13.0
Holualoa Elementary	36.5%	42.0%	-13.3
Kaiulani Elementary	21.1%	81.0%	-13.6
Red Hill Elementary*	36.8%	36.0%	-15.3
Kilauea Elementary	37.0%	35.0%	-15.5
Maunaloa Elementary	16.7%	87.0%	-15.6
Aiea Elementary	18.8%	81.0%	-15.9
Volcano School	30.8%	49.0%	-16.3
Kainalu Elementary*	33.9%	40.0%	-16.7
Kaewai Elementary	16.3%	85.0%	-16.7
Hawaii Technology Academy	47.4%	5.0%	-16.8
Naalehu Elementary & Intermediate	15.2%	86.0%	-17.5
Puuhale Elementary	19.0%	75.0%	-17.9
Kaleiopuu Elementary*	33.3%	37.0%	-18.4
Mauka Lani Elementary*	28.4%	48.0%	-19.0
Kahakai Elementary	25.5%	55.0%	-19.2
Hawaii Academy of Arts & Science	25.0%	53.0%	-20.5
Lanai High & Elementary	34.1%	29.0%	-20.7
Honowai Elementary	20.5%	64.0%	-20.7
Shafter Elementary*∞	39.1%	16.0%	-20.8
Mali Elementary	15.5%	76.0%	-21.1
Kau High & Pahala Elementary	16.7%	72.0%	-21.5
Waimea Elementary	21.8%	58.0%	-21.8
Kamaile Academy	8.8%	87.0%	-23.5
Nanakuli Elementary	13.0%	76.0%	-23.6
Nahienaena Elementary	24.3%	44.0%	-24.7
Hauula Elementary	10.7%	72.0%	-27.4
Kanu o ka Aina	18.8%	51.0%	-27.5
Mokulele Elementary*∞	18.3%	41.0%	-31.8
Keolu Elementary	11.1%	45.0%	-37.5
Kona Pacific	6.7%	43.0%	-42.7
Myron B. Thompson Academy	18.8%	7.0%	-44.6

**SY 08/09 Grade 3 Reading Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Honaunau Elementary	70.0%	87.0%	28.0
Waialua Elementary	83.1%	56.0%	25.3
Lanakila Elementary	76.2%	67.0%	24.0
Koloa Elementary	84.6%	49.0%	23.2
Haaheo Elementary	84.0%	48.0%	22.1
Pohakea Elementary	74.0%	65.0%	20.8
Wheeler Elementary*∞	83.3%	45.0%	19.9
Kauluwela Elementary	63.9%	80.0%	18.3
Laupahoehoe High & Elementary	70.6%	66.0%	17.9
Connections	74.1%	59.0%	17.8
Hookena Elementary	68.2%	70.0%	17.5
Waikiki Elementary	83.1%	40.0%	17.1
Heeia Elementary	79.7%	46.0%	16.8
Likelike Elementary	62.3%	80.0%	16.7
Royal Elementary	68.2%	67.0%	16.0
Kaaawa Elementary	71.4%	59.0%	15.2
Kaala Elementary	60.3%	79.0%	14.2
Waikoloa Elementary	77.6%	45.0%	14.2
Pope Elementary	61.1%	76.0%	13.5
Kuhio Elementary	65.5%	67.0%	13.3
Hana High & Elementary	64.7%	68.0%	13.0
Holualoa Elementary	77.0%	42.0%	12.1
Aliiolani Elementary	74.4%	47.0%	12.0
Enchanted Lake Elementary	81.0%	34.0%	11.9
Keaau Elementary	60.9%	73.0%	11.8
Mountain View Elementary	53.1%	88.0%	11.6
Haiku Elementary	76.5%	42.0%	11.5
Aikahi Elementary*	88.1%	18.0%	11.0
Kaunakakai Elementary	60.0%	73.0%	10.9
Kahuku Elementary	67.1%	58.0%	10.3
Manana Elementary	78.7%	35.0%	10.2
Laie Elementary	67.4%	57.0%	10.2
Maemae Elementary	87.6%	17.0%	9.9
Noelani Elementary	89.7%	12.0%	9.5
Puohala Elementary	69.2%	52.0%	9.4
Lunalilo Elementary	70.2%	50.0%	9.4
Iroquois Point Elementary*∞	74.5%	41.0%	9.1
Kalaniana'ole Elementary & Intermediate	60.7%	68.0%	9.0
Momilani Elementary	90.2%	10.0%	8.9
Hilo Union Elementary	53.4%	82.0%	8.9
Kalihi-uka Elementary	62.9%	63.0%	8.6
Nuuanu Elementary	88.5%	11.0%	7.7
Kalihi-waena Elementary	54.8%	77.0%	7.7
Kaelepulu Elementary*	85.2%	17.0%	7.5
Kailua Elementary*	67.3%	52.0%	7.5
Kamalii Elementary	80.4%	26.0%	7.3
Waiakea Elementary	68.0%	50.0%	7.2

SY 08/09 Grade 3 Reading Performance, All Elementary Schools (Continued)

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Parker Elementary	63.9%	58.0%	7.1
Keaukaha Elementary	54.1%	77.0%	7.0
Wailuku Elementary	69.1%	47.0%	6.7
Kaneohe Elementary	79.1%	27.0%	6.5
Ala Wai Elementary	62.2%	60.0%	6.4
Nimitz Elementary*∞	73.1%	38.0%	6.1
Pahoa Elementary	49.1%	85.0%	6.1
Kohala Elementary	60.7%	62.0%	6.0
Iliahi Elementary	72.2%	39.0%	5.8
Hanalei Elementary	76.5%	30.0%	5.4
Keonepoko Elementary	46.7%	88.0%	5.3
Mililani Mauka Elementary*	85.5%	12.0%	5.3
Manoa Elementary	84.4%	14.0%	5.2
Pauoa Elementary	65.4%	51.0%	5.0
Mililani Waena Elementary*	77.1%	27.0%	4.5
Waters of Life	50.0%	80.0%	4.4
Shafter Elementary*∞	82.6%	16.0%	4.4
Innovations	81.0%	19.0%	4.3
Kapiolani Elementary	51.6%	76.0%	4.0
Kihei Elementary	63.5%	52.0%	3.7
August Ahrens Elementary	60.9%	57.0%	3.7
Hahaione Elementary	84.3%	11.0%	3.5
Liholiho Elementary	77.0%	25.0%	3.4
Palolo Elementary	42.9%	92.0%	3.4
Mokapu Elementary*∞	69.2%	40.0%	3.2
Kipapa Elementary*	65.6%	47.0%	3.2
Pearl City Elementary*	63.9%	50.0%	3.0
Lihikai Elementary	60.2%	57.0%	2.9
Kekaha Elementary	63.6%	50.0%	2.8
Salt Lake Elementary	66.1%	45.0%	2.7
Kaahumanu Elementary	58.7%	59.0%	2.4
Hale Kula Elementary*∞	68.3%	40.0%	2.3
Kaiulani Elementary	47.4%	81.0%	2.3
Kahala Elementary	84.1%	9.0%	2.3
Hickam Elementary*∞	81.1%	14.0%	1.9
Ahuimanu Elementary	74.4%	27.0%	1.8
Voyager	74.3%	27.0%	1.7
Makawao Elementary	63.5%	48.0%	1.7
Kapalama Elementary	58.4%	58.0%	1.6
Hokulani Elementary	80.3%	15.0%	1.6
Leihoku Elementary	55.2%	64.0%	1.5
Koko Head Elementary	81.0%	13.0%	1.2
Konawaena Elementary	59.4%	55.0%	1.1
Wilcox Elementary	69.4%	35.0%	0.9
Makakilo Elementary	65.8%	42.0%	0.9
Aliamanu Elementary*	69.2%	35.0%	0.7
de Silva Elementary	72.0%	29.0%	0.4
Mililani Ike Elementary*	85.6%	2.0%	0.2



**SY 08/09 Grade 3 Reading Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Palisades Elementary*	69.2%	34.0%	0.2
Volcano School	61.5%	49.0%	0.2
Sunset Beach Elementary	72.2%	28.0%	0.1
Scott Elementary	67.1%	38.0%	0.1
Mililani Uka Elementary*	74.6%	23.0%	-0.1
Kaumana Elementary	55.6%	60.0%	-0.2
Lincoln Elementary	56.1%	59.0%	-0.2
Maunawili Elementary	68.3%	35.0%	-0.3
Pukalani Elementary	61.5%	47.0%	-0.8
Kaumualii Elementary	59.3%	51.0%	-1.1
Haleiwa Elementary	56.0%	57.0%	-1.3
Honokaa Elementary	58.0%	53.0%	-1.3
Kealakehe Elementary	56.4%	56.0%	-1.4
Kahului Elementary	54.5%	59.0%	-1.8
Waiālae Elementary	72.3%	24.0%	-1.8
Kilauea Elementary	66.7%	35.0%	-1.8
Solomon Elementary*∞	55.9%	56.0%	-1.9
Pearl Ridge Elementary*	74.5%	19.0%	-2.2
Wilson Elementary	78.9%	10.0%	-2.4
Wahiawa Elementary*	51.3%	64.0%	-2.4
Kilohana Elementary	46.2%	74.0%	-2.5
Kapunahala Elementary	67.0%	33.0%	-2.5
Kula Elementary	68.4%	30.0%	-2.7
Webling Elementary*	69.3%	28.0%	-2.7
Ewa Elementary*	58.6%	49.0%	-2.7
Waiau Elementary	64.1%	38.0%	-2.9
Moanalua Elementary*	75.8%	15.0%	-2.9
Jefferson Elementary	52.8%	60.0%	-2.9
Kainalu Elementary*	62.9%	40.0%	-3.1
Kanoelani Elementary*	67.4%	31.0%	-3.2
Waipahu Elementary	42.4%	80.0%	-3.2
Pearl City Highlands Elementary	69.4%	27.0%	-3.2
Kamiloiki Elementary	73.4%	19.0%	-3.2
Waimalu Elementary	60.0%	45.0%	-3.4
Kalihi Elementary	43.1%	78.0%	-3.5
Kapaa Elementary	54.4%	55.0%	-3.9
Ewa Beach Elementary	53.8%	56.0%	-3.9
Kanu o ka Aina	56.3%	51.0%	-4.1
Waiākeawaena Elementary	56.7%	50.0%	-4.1
Helemano Elementary*	53.5%	55.0%	-4.8
Lanikai Elementary	75.9%	11.0%	-4.8
Kalaheo Elementary	65.7%	31.0%	-4.9
Pearl Harbor Kai Elementary*∞	64.9%	32.0%	-5.1
Aina Haina Elementary	75.2%	11.0%	-5.5
Waihee Elementary	59.4%	42.0%	-5.5
Kalihi-kai Elementary	46.2%	68.0%	-5.5
Kualapuu Elementary	44.4%	71.0%	-5.7
Pauilo Elementary & Intermediate	51.9%	56.0%	-5.9

**SY 08/09 Grade 3 Reading Performance, All Elementary Schools (Continued)**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Makalapa Elementary*	57.8%	44.0%	-6.1
Keoneula Elementary*	67.8%	24.0%	-6.3
Paia Elementary	57.1%	44.0%	-6.8
Kahaluu Elementary	45.2%	67.0%	-7.0
Mokulele Elementary*∞	58.3%	41.0%	-7.1
Pomaikai Elementary	70.0%	17.0%	-7.7
Fern Elementary	36.6%	82.0%	-7.9
Pearl Harbor Elementary*	57.8%	40.0%	-8.1
Kaleiopuu Elementary*	59.3%	37.0%	-8.2
Lehua Elementary*	55.0%	45.0%	-8.4
Eleele Elementary	54.8%	45.0%	-8.6
Barbers Point Elementary*∞	60.8%	33.0%	-8.7
Waimanalo Elementary & Intermediate	37.2%	79.0%	-8.9
Kaimiloa Elementary	46.0%	61.0%	-9.2
Nanaikapono Elementary	35.0%	82.0%	-9.5
Aiea Elementary	35.4%	81.0%	-9.6
Kapolei Elementary*	60.8%	31.0%	-9.7
Kamehameha III Elementary	55.0%	42.0%	-9.9
Hawaii Technology Academy	73.7%	5.0%	-10.1
Holomua Elementary*	62.7%	25.0%	-10.9
Waikale Elementary*	60.2%	28.0%	-11.8
Red Hill Elementary*	56.1%	36.0%	-11.9
Kahakai Elementary	46.3%	55.0%	-12.0
Puuhale Elementary	35.7%	75.0%	-12.4
Lanai High & Elementary	58.5%	29.0%	-13.0
Waimea Elementary	42.6%	58.0%	-14.2
Kaewai Elementary	28.6%	85.0%	-14.4
Honowai Elementary	36.2%	64.0%	-17.5
Hawaii Academy of Arts & Science	41.7%	53.0%	-17.7
Makaha Elementary	26.0%	82.0%	-18.5
Waianae Elementary	25.0%	84.0%	-18.5
Ka Waihona o ka Naauao	37.5%	58.0%	-19.3
Maili Elementary	27.9%	76.0%	-19.7
Mauka Lani Elementary*	42.1%	48.0%	-19.8
Naalehu Elementary & Intermediate	21.7%	86.0%	-20.8
Hauula Elementary	28.6%	72.0%	-21.1
Liliuokalani Elementary	46.7%	35.0%	-21.8
Kau High & Pahala Elementary	27.8%	72.0%	-21.9
Kamaile Academy	19.8%	87.0%	-22.2
Myron B. Thompson Academy	59.4%	7.0%	-23.4
Nanakuli Elementary	23.2%	76.0%	-24.4
Nahienaena Elementary	37.9%	44.0%	-26.1
Kona Pacific	35.3%	43.0%	-29.1
Maunaloa Elementary	8.3%	87.0%	-33.6
Keolu Elementary	22.2%	45.0%	-41.2

**SY 08/09 Grade 5 Math Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Kaunakakai Elementary	78.3%	73.0%	42.4
Honaunau Elementary	70.6%	87.0%	39.7
Royal Elementary	69.8%	67.0%	31.9
Ahuimanu Elementary	79.2%	27.0%	27.1
Kauluwela Elementary	60.3%	80.0%	27.0
Momilani Elementary	85.0%	10.0%	26.8
Palolo Elementary	54.3%	92.0%	25.2
Aliiolani Elementary	70.0%	47.0%	24.9
Liholiho Elementary	76.5%	25.0%	23.6
Aina Haina Elementary	81.2%	11.0%	23.3
Kahala Elementary	81.0%	9.0%	22.4
Manoa Elementary	78.8%	14.0%	22.0
Kihei Elementary	64.8%	52.0%	21.5
Wilson Elementary	79.0%	10.0%	20.8
Koko Head Elementary	77.6%	13.0%	20.4
Pearl Ridge Elementary*	75.3%	19.0%	20.3
Hanalei Elementary	69.6%	30.0%	18.5
Wheeler Elementary*∞	63.9%	45.0%	18.2
Kilohana Elementary	53.3%	74.0%	17.9
Palisades Elementary*	67.3%	34.0%	17.6
Helemano Elementary*	59.7%	55.0%	17.5
Ala Wai Elementary	57.8%	60.0%	17.4
Maemae Elementary	72.9%	17.0%	17.2
Keaau Elementary	53.0%	73.0%	17.2
Leihoku Elementary	55.9%	64.0%	16.8
Pearl City Highlands Elementary	68.3%	27.0%	16.1
Kaahumanu Elementary	55.9%	59.0%	15.1
Kaimiloa Elementary	54.7%	61.0%	14.7
Makalapa Elementary*	60.5%	44.0%	14.3
Moanalua Elementary*	70.4%	15.0%	14.0
Lunalilo Elementary	57.8%	50.0%	13.8
Noelani Elementary	70.7%	12.0%	13.2
Kaala Elementary	46.7%	79.0%	13.0
Iliahi Elementary	60.6%	39.0%	12.7
Kula Elementary	63.8%	30.0%	12.7
Pohakea Elementary	51.3%	65.0%	12.6
Waimalu Elementary	58.2%	45.0%	12.5
Aikahi Elementary*	67.7%	18.0%	12.3
August Ahrens Elementary	53.8%	57.0%	12.3
Kalihi-uka Elementary	51.2%	63.0%	11.9
Kalihi-waena Elementary	45.5%	77.0%	11.2
Waikiki Elementary	58.5%	40.0%	11.0
Hilo Union Elementary	43.5%	82.0%	10.9
Pauoa Elementary	54.3%	51.0%	10.7
Mililani Waena Elementary*	62.6%	27.0%	10.5
Waialua Elementary	52.2%	56.0%	10.4
Kapunahala Elementary	60.2%	33.0%	10.2

**SY 08/09 Grade 5 Math Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Lanakila Elementary	48.1%	67.0%	10.2
Laie Elementary	51.4%	57.0%	9.9
Pukalani Elementary	54.9%	47.0%	9.8
Mililani Ike Elementary*	70.3%	2.0%	9.2
Kapiolani Elementary	43.9%	76.0%	9.1
Likeliike Elementary	42.2%	80.0%	8.9
Jefferson Elementary	48.9%	60.0%	8.5
Holualoa Elementary	54.5%	42.0%	7.7
Kapalama Elementary	48.7%	58.0%	7.6
Sunset Beach Elementary	59.3%	28.0%	7.5
Kahuku Elementary	48.5%	58.0%	7.4
Konawaena Elementary	49.5%	55.0%	7.3
Waimanalo Elementary & Intermediate	40.8%	79.0%	7.1
Hawaii Academy of Arts & Science	50.0%	53.0%	7.1
Eleele Elementary	52.7%	45.0%	6.9
Haiku Elementary	53.6%	42.0%	6.8
Maili Elementary	41.2%	76.0%	6.4
Mililani Mauka Elementary*	63.8%	12.0%	6.3
Hookena Elementary	42.9%	70.0%	6.0
Kahului Elementary	46.5%	59.0%	5.7
Hahaione Elementary	63.4%	11.0%	5.5
Kamiloiki Elementary	60.3%	19.0%	5.3
Lanai High & Elementary	56.3%	29.0%	4.8
Keaukaha Elementary	38.6%	77.0%	4.2
Waiakeawaena Elementary	48.1%	50.0%	4.2
Salt Lake Elementary	49.5%	45.0%	3.7
Manana Elementary	52.9%	35.0%	3.6
Hokulani Elementary	60.0%	15.0%	3.6
Aiea Elementary	36.2%	81.0%	3.2
Laupahoehoe High & Elementary	41.2%	66.0%	2.9
Kalihi Elementary	36.8%	78.0%	2.8
Kaneohe Elementary	54.9%	27.0%	2.8
Pearl City Elementary*	46.7%	50.0%	2.7
Waialae Elementary	55.8%	24.0%	2.6
Volcano School	46.7%	49.0%	2.3
Kahaluu Elementary	40.0%	67.0%	2.1
Kaewai Elementary	33.3%	85.0%	1.8
Waipahu Elementary	34.9%	80.0%	1.6
Nuuanu Elementary	59.3%	11.0%	1.5
Ewa Elementary*	45.5%	49.0%	1.2
Kipapa Elementary*	46.2%	47.0%	1.1
Kualapuu Elementary	37.5%	71.0%	1.0
Makakilo Elementary	47.4%	42.0%	0.6
Puohala Elementary	43.6%	52.0%	0.3
Shafter Elementary*∞	56.3%	16.0%	0.2
Kaleiopuu Elementary*	48.6%	37.0%	-0.1
Puuhale Elementary	34.1%	75.0%	-1.0
Waiau Elementary	47.1%	38.0%	-1.1

**SY 08/09 Grade 5 Math Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Paauilo Elementary & Intermediate	40.7%	56.0%	-1.1
Webbling Elementary*	50.7%	28.0%	-1.1
Waiahole Elementary	38.5%	62.0%	-1.3
Enchanted Lake Elementary	48.0%	34.0%	-1.7
Kailua Elementary*	41.5%	52.0%	-1.8
Kaelepulu Elementary*	53.8%	17.0%	-1.9
Pahoa Elementary	29.6%	85.0%	-1.9
Waiakea Elementary	41.7%	50.0%	-2.3
Lincoln Elementary	38.5%	59.0%	-2.3
Kalihi-kai Elementary	35.0%	68.0%	-2.5
Lanikai Elementary	55.3%	11.0%	-2.6
Lihikai Elementary	38.9%	57.0%	-2.6
Hauula Elementary	33.3%	72.0%	-2.8
Lehua Elementary*	42.9%	45.0%	-2.9
Fern Elementary	29.6%	82.0%	-3.0
Kanoelani Elementary*	47.4%	31.0%	-3.3
Haaheo Elementary	41.2%	48.0%	-3.5
Ewa Beach Elementary	38.3%	56.0%	-3.5
Connections	37.0%	59.0%	-3.8
Wahiawa Elementary*	34.8%	64.0%	-4.2
Aliamanu Elementary*	45.1%	35.0%	-4.2
Hana High & Elementary	33.3%	68.0%	-4.3
Heeia Elementary	41.1%	46.0%	-4.3
Pearl Harbor Kai Elementary* <sup>∞</sup>	46.1%	32.0%	-4.3
Mountain View Elementary	26.0%	88.0%	-4.5
Kau High & Pahala Elementary	31.6%	72.0%	-4.6
Nimitz Elementary* <sup>∞</sup>	43.6%	38.0%	-4.6
Kekaha Elementary	39.2%	50.0%	-4.8
Hickam Elementary* <sup>∞</sup>	52.0%	14.0%	-4.8
Kaiulani Elementary	28.0%	81.0%	-5.0
Mililani Uka Elementary*	48.6%	23.0%	-5.0
Kapaa Elementary	36.7%	55.0%	-5.5
de Silva Elementary	45.8%	29.0%	-5.6
Waihee Elementary	40.9%	42.0%	-5.9
Maunawili Elementary	43.3%	35.0%	-6.0
Koloa Elementary	37.5%	49.0%	-6.8
Pearl Harbor Elementary*	40.6%	40.0%	-6.9
Kahakai Elementary	35.3%	55.0%	-6.9
Wailuku Elementary	38.0%	47.0%	-7.1
Kalaheo Elementary	43.5%	31.0%	-7.3
Kalaniana'ole Elementary & Intermediate	30.3%	68.0%	-7.3
Scott Elementary	40.9%	38.0%	-7.3
Kaaawa Elementary	33.3%	59.0%	-7.5
Makawao Elementary	37.0%	48.0%	-7.7
Hawaii Technology Academy	52.2%	5.0%	-7.8
Kainalu Elementary*	39.7%	40.0%	-7.8
Kealakehe Elementary	34.0%	56.0%	-7.9
Kaunana Elementary	32.4%	60.0%	-8.0

**SY 08/09 Grade 5 Math Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Honokaa Elementary	34.9%	53.0%	-8.0
Holomua Elementary*	44.7%	25.0%	-8.2
Kanu o ka Aina	35.3%	51.0%	-8.3
Barbers Point Elementary*∞	40.8%	33.0%	-9.2
Keonepoko Elementary	21.2%	88.0%	-9.3
Keoneula Elementary*	43.9%	24.0%	-9.3
Red Hill Elementary*	39.6%	36.0%	-9.4
Solomon Elementary*∞	31.5%	56.0%	-10.4
Makaha Elementary	21.7%	82.0%	-10.9
Nahienaena Elementary	35.1%	44.0%	-11.0
Iroquois Point Elementary*∞	36.1%	41.0%	-11.0
Hale Kula Elementary*∞	36.3%	40.0%	-11.3
Kaumualii Elementary	32.2%	51.0%	-11.4
Ke Kula o Nawahi	25.0%	71.0%	-11.5
Nanakuli Elementary	23.0%	76.0%	-11.8
Honowai Elementary	27.2%	64.0%	-11.8
Mokapu Elementary*∞	35.3%	40.0%	-12.2
Ka Waihona o ka Naauao	28.6%	58.0%	-12.6
Mauka Lani Elementary*	31.5%	48.0%	-13.2
Mokulele Elementary*∞	33.9%	41.0%	-13.3
Kamalii Elementary	38.2%	26.0%	-14.3
Kohala Elementary	24.4%	62.0%	-15.3
Pomaikai Elementary	40.4%	17.0%	-15.4
Waikele Elementary*	36.4%	28.0%	-15.4
Haleiwa Elementary	25.9%	57.0%	-15.6
Nanaikapono Elementary	16.7%	82.0%	-16.0
Wilcox Elementary	33.1%	35.0%	-16.2
Kuhio Elementary	21.7%	67.0%	-16.2
Kamaile Academy	14.1%	87.0%	-16.7
Waimea Elementary	23.3%	58.0%	-17.9
Naalehu Elementary & Intermediate	12.8%	86.0%	-18.4
Liliuokalani Elementary	30.8%	35.0%	-18.5
Voyager	33.3%	27.0%	-18.8
Kapolei Elementary*	31.9%	31.0%	-18.9
Kamehameha III Elementary	27.7%	42.0%	-19.2
Keolu Elementary	26.3%	45.0%	-19.4
Innovations	34.8%	19.0%	-20.2
Myron B. Thompson Academy	38.7%	7.0%	-20.5
Waianaean Elementary	11.1%	84.0%	-20.8
Ka Umeke Kaeo	16.7%	64.0%	-22.3
Waikoloa Elementary	22.2%	45.0%	-23.5
Pope Elementary	10.5%	76.0%	-24.2
Kilauea Elementary	24.2%	35.0%	-25.1
Paia Elementary	20.7%	44.0%	-25.4
Parker Elementary	15.4%	58.0%	-25.8
Anuenue	12.5%	60.0%	-27.9
Ehunuikaimalino	7.7%	63.0%	-31.7
Halau Lokahi	9.1%	37.0%	-39.5

**SY 08/09 Grade 5 Reading Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Honaunau Elementary	76.5%	87.0%	33.4
Connections	85.2%	59.0%	28.9
Kaunakakai Elementary	78.3%	73.0%	28.6
Volcano School	86.7%	49.0%	25.7
Kilohana Elementary	73.3%	74.0%	24.1
Ka Umeke Kaeo	77.8%	64.0%	23.8
Royal Elementary	75.5%	67.0%	22.9
Hawaii Academy of Arts & Science	80.6%	53.0%	21.4
Hanalei Elementary	91.3%	30.0%	21.4
Pauoa Elementary	80.4%	51.0%	20.4
Kauluwela Elementary	65.1%	80.0%	18.7
Makalapa Elementary*	81.8%	44.0%	18.5
Kaala Elementary	64.5%	79.0%	17.6
Holualoa Elementary	80.3%	42.0%	16.0
Momilani Elementary	95.0%	10.0%	15.6
Hookena Elementary	66.7%	70.0%	15.6
Waialua Elementary	73.1%	56.0%	15.4
Puohala Elementary	74.4%	52.0%	14.8
Manana Elementary	82.4%	35.0%	14.8
Waiahole Elementary	69.2%	62.0%	14.4
Wheeler Elementary*∞	77.0%	45.0%	14.2
Palolo Elementary	54.3%	92.0%	13.5
Aliiolani Elementary	75.0%	47.0%	13.1
Leihoku Elementary	66.7%	64.0%	12.7
Palisades Elementary*	80.0%	34.0%	11.9
Pohakea Elementary	65.4%	65.0%	11.9
Lunalilo Elementary	72.3%	50.0%	11.8
Mountain View Elementary	54.1%	88.0%	11.4
Ala Wai Elementary	67.2%	60.0%	11.4
Manoa Elementary	88.8%	14.0%	11.3
Kilauea Elementary	78.8%	35.0%	11.2
Aina Haina Elementary	89.9%	11.0%	11.0
Maemae Elementary	86.9%	17.0%	10.8
Keaau Elementary	60.4%	73.0%	10.7
Pahoa Elementary	54.7%	85.0%	10.7
Lincoln Elementary	66.2%	59.0%	9.9
Hilo Union Elementary	55.1%	82.0%	9.6
Noelani Elementary	87.8%	12.0%	9.4
Haaheo Elementary	70.6%	48.0%	9.1
Kahala Elementary	88.9%	9.0%	9.1
Kalihi-uka Elementary	63.4%	63.0%	9.0
Keaukaha Elementary	56.8%	77.0%	9.0
Kaneohe Elementary	80.2%	27.0%	8.9
Hickam Elementary*∞	86.3%	14.0%	8.8
Wilson Elementary	87.7%	10.0%	8.3
Kalihi Elementary	55.3%	78.0%	7.9
Kapalama Elementary	64.3%	58.0%	7.6

**SY 08/09 Grade 5 Reading Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Aiea Elementary	53.2%	81.0%	7.3
Laie Elementary	64.3%	57.0%	7.1
Waimalu Elementary	69.6%	45.0%	6.7
Waimanalo Elementary & Intermediate	53.1%	79.0%	6.2
Liholiho Elementary	78.4%	25.0%	6.1
Halau Lokahi	72.7%	37.0%	6.1
Aikahi Elementary*	81.5%	18.0%	5.9
Kihei Elementary	65.5%	52.0%	5.9
Laupahoe High & Elementary	58.8%	66.0%	5.8
Mokulele Elementary*∞	70.2%	41.0%	5.4
Mililani Mauka Elementary*	83.7%	12.0%	5.3
Sunset Beach Elementary	75.9%	28.0%	5.0
Hokulani Elementary	82.0%	15.0%	5.0
Puuhale Elementary	53.7%	75.0%	4.9
Lanai High & Elementary	75.0%	29.0%	4.6
Kapiolani Elementary	52.6%	76.0%	4.3
Ewa Elementary*	64.9%	49.0%	3.9
Pearl Ridge Elementary*	79.0%	19.0%	3.9
Lihikai Elementary	61.1%	57.0%	3.8
Jefferson Elementary	59.6%	60.0%	3.8
Koko Head Elementary	81.6%	13.0%	3.7
Waiakeawaena Elementary	64.2%	50.0%	3.6
Kaahumanu Elementary	59.8%	59.0%	3.5
Kaiulani Elementary	49.3%	81.0%	3.4
Waiakea Elementary	63.9%	50.0%	3.4
Lanakila Elementary	55.6%	67.0%	3.0
Helemano Elementary*	61.1%	55.0%	2.9
Kaumana Elementary	58.3%	60.0%	2.5
Iliahi Elementary	68.2%	39.0%	2.5
Kula Elementary	72.4%	30.0%	2.5
Lehua Elementary*	65.3%	45.0%	2.4
Kainalu Elementary*	67.6%	40.0%	2.4
Mokapu Elementary*∞	67.6%	40.0%	2.4
Maunawili Elementary	70.0%	35.0%	2.4
Mililani Waena Elementary*	73.7%	27.0%	2.4
Mililani Ike Elementary*	85.4%	2.0%	2.3
Ahuimanu Elementary	73.6%	27.0%	2.2
Kipapa Elementary*	63.8%	47.0%	1.9
Konawaena Elementary	60.0%	55.0%	1.8
Hawaii Technology Academy	82.6%	5.0%	0.9
Kaaawa Elementary	57.1%	59.0%	0.9
Moanalua Elementary*	77.8%	15.0%	0.8
Ewa Beach Elementary	58.3%	56.0%	0.6
Waikiki Elementary	65.9%	40.0%	0.6
Kahuku Elementary	57.4%	58.0%	0.6
de Silva Elementary	70.8%	29.0%	0.4
Webbing Elementary*	71.2%	28.0%	0.3
Kalaheo Elementary	69.6%	31.0%	0.1
Lanikai Elementary	78.9%	11.0%	0.1
Hauula Elementary	50.0%	72.0%	-0.2



**SY 08/09 Grade 5 Reading Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Aliamanu Elementary*	67.2%	35.0%	-0.4
Haiku Elementary	63.8%	42.0%	-0.5
Pearl Harbor Kai Elementary* <sup>∞</sup>	68.4%	32.0%	-0.6
Hale Kula Elementary* <sup>∞</sup>	64.6%	40.0%	-0.6
Kalihi-waena Elementary	47.1%	77.0%	-0.8
Nuuanu Elementary	78.0%	11.0%	-0.9
Kailua Elementary*	58.5%	52.0%	-1.1
Kapunahala Elementary	67.5%	33.0%	-1.1
Pearl City Highlands Elementary	70.2%	27.0%	-1.1
Pearl Harbor Elementary*	64.1%	40.0%	-1.2
Hahaione Elementary	77.5%	11.0%	-1.4
Kealakehe Elementary	56.2%	56.0%	-1.5
Shafter Elementary* <sup>∞</sup>	75.0%	16.0%	-1.5
Kaimiloa Elementary	53.7%	61.0%	-1.7
Solomon Elementary* <sup>∞</sup>	55.6%	56.0%	-2.1
Enchanted Lake Elementary	66.0%	34.0%	-2.1
Mililani Uka Elementary*	71.0%	23.0%	-2.2
Kanoelani Elementary*	67.2%	31.0%	-2.2
Kaleiopuu Elementary*	63.8%	37.0%	-2.9
Waikoloa Elementary	60.0%	45.0%	-2.9
Honokaa Elementary	55.8%	53.0%	-3.3
Myron B. Thompson Academy	77.4%	7.0%	-3.4
Kaumualii Elementary	56.7%	51.0%	-3.4
Heeia Elementary	58.9%	46.0%	-3.5
Kekaha Elementary	56.9%	50.0%	-3.7
Waiālae Elementary	68.8%	24.0%	-3.9
Salt Lake Elementary	58.8%	45.0%	-4.1
Waipahu Elementary	42.3%	80.0%	-4.1
Likelike Elementary	42.2%	80.0%	-4.2
Nimitz Elementary* <sup>∞</sup>	61.8%	38.0%	-4.4
August Ahrens Elementary	52.7%	57.0%	-4.5
Waiau Elementary	61.4%	38.0%	-4.8
Pearl City Elementary*	55.6%	50.0%	-5.0
Maili Elementary	43.1%	76.0%	-5.1
Kahakai Elementary	52.9%	55.0%	-5.2
Kamiloiki Elementary	69.8%	19.0%	-5.3
Haleiwa Elementary	51.9%	57.0%	-5.4
Pukalani Elementary	56.1%	47.0%	-5.8
Paauilo Elementary & Intermediate	51.9%	56.0%	-5.9
Wailuku Elementary	55.8%	47.0%	-6.1
Kahului Elementary	50.0%	59.0%	-6.3
Kahaluu Elementary	45.7%	67.0%	-6.8
Kuhio Elementary	45.7%	67.0%	-6.9
Iroquois Point Elementary* <sup>∞</sup>	57.8%	41.0%	-6.9
Wilcox Elementary	60.5%	35.0%	-7.1
Kapaa Elementary	50.6%	55.0%	-7.5

**SY 08/09 Grade 5 Reading Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Kapolei Elementary*	61.9%	31.0%	-7.6
Mauka Lani Elementary*	53.7%	48.0%	-7.8
Barbers Point Elementary* <sup>∞</sup>	60.5%	33.0%	-8.0
Makawao Elementary	53.4%	48.0%	-8.0
Kualapuu Elementary	42.5%	71.0%	-8.1
Paia Elementary	55.2%	44.0%	-8.2
Makaha Elementary	36.2%	82.0%	-9.2
Holomua Elementary*	62.9%	25.0%	-9.4
Voyager	61.9%	27.0%	-9.5
Fern Elementary	35.7%	82.0%	-9.7
Liliuokalani Elementary	57.7%	35.0%	-9.9
Innovations	65.2%	19.0%	-9.9
Scott Elementary	56.1%	38.0%	-10.1
Kalihi-kai Elementary	41.9%	68.0%	-10.2
Makakilo Elementary	53.8%	42.0%	-10.5
Wahiawa Elementary*	43.5%	64.0%	-10.5
Keoneula Elementary*	62.2%	24.0%	-10.5
Parker Elementary	46.2%	58.0%	-10.6
Kaelepulu Elementary*	65.4%	17.0%	-10.7
Keonepoko Elementary	31.8%	88.0%	-10.9
Kamalii Elementary	60.8%	26.0%	-11.0
Eleele Elementary	51.4%	45.0%	-11.5
Nahienaena Elementary	51.4%	44.0%	-12.0
Kamaile Academy	31.0%	87.0%	-12.1
Waialele Elementary*	58.4%	28.0%	-12.4
Kalaniana'ole Elementary & Intermediate	39.4%	68.0%	-12.7
Honowai Elementary	41.2%	64.0%	-12.7
Kaewai Elementary	31.3%	85.0%	-12.8
Hana High & Elementary	38.9%	68.0%	-13.2
Kau High & Pahala Elementary	36.8%	72.0%	-13.3
Waimea Elementary	43.0%	58.0%	-13.7
Kamehameha III Elementary	50.0%	42.0%	-14.3
Red Hill Elementary*	52.1%	36.0%	-15.0
Nanakuli Elementary	32.4%	76.0%	-15.9
Ka Waihona o ka Naauao	40.8%	58.0%	-15.9
Kohala Elementary	38.4%	62.0%	-16.5
Waihee Elementary	47.7%	42.0%	-16.6
Nanaikapono Elementary	28.6%	82.0%	-16.9
Naalehu Elementary & Intermediate	25.5%	86.0%	-18.0
Pomaikai Elementary	56.1%	17.0%	-19.9
Koloa Elementary	40.6%	49.0%	-20.4
Keolu Elementary	42.1%	45.0%	-20.8
Anuenue	33.3%	60.0%	-22.5
Ehunuikaimalino	30.8%	63.0%	-23.6
Kanu o ka Aina	35.3%	51.0%	-24.8
Waianae Elementary	19.4%	84.0%	-25.1
Ke Kula o Nawahi	25.0%	71.0%	-25.6
Education Laboratory	54.5%	6.0%	-26.7
Pope Elementary	15.8%	76.0%	-32.5

**SY 08/09 Grade 8 Math Performance, All Middle Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Voyager	69.2%	27.0%	30.4
Kawananakoa Middle	56.1%	49.0%	23.6
Washington Middle	53.5%	54.0%	22.5
Aiea Intermediate	55.5%	42.0%	21.0
Paaui Elementary & Intermediate	50.0%	56.0%	19.6
Kaimuki Middle	59.3%	22.0%	19.1
Wheeler Middle*∞	51.5%	45.0%	17.9
Hawaii Academy of Arts & Science	48.5%	53.0%	17.2
Innovations	57.1%	19.0%	16.0
Jarrett Middle	40.4%	68.0%	13.5
Mililani Middle*	55.0%	15.0%	12.7
Hilo Intermediate	43.3%	55.0%	12.6
Waianae Intermediate	36.5%	77.0%	12.2
Waipahu Intermediate	41.9%	57.0%	11.7
Education Laboratory	56.4%	6.0%	11.4
Keaau Middle	36.5%	74.0%	11.3
Waiakea Intermediate	42.9%	47.0%	9.9
Niu Valley Middle	52.4%	14.0%	9.8
Lokelani Intermediate	44.3%	41.0%	9.5
Wahiawa Middle	38.4%	59.0%	8.8
Kalakaua Middle	35.3%	65.0%	7.5
Kaunikapono Learning Center	33.3%	70.0%	7.0
Kailua Intermediate*	45.7%	27.0%	6.8
Central Middle	30.6%	79.0%	6.8
Moanalua Middle*	46.4%	24.0%	6.7
Waialua High & Intermediate	39.1%	49.0%	6.7
Ilima Intermediate*	40.5%	44.0%	6.6
Volcano School	38.5%	49.0%	6.0
Kamakahahei Middle	41.6%	36.0%	5.4
Myron B. Thompson Academy	50.0%	7.0%	5.4
Dole Middle	30.0%	76.0%	5.4
King Intermediate	39.2%	44.0%	5.3
Molokai Middle	28.6%	79.0%	4.8
Kealakehe Intermediate	36.6%	51.0%	4.7
Highlands Intermediate*	42.1%	29.0%	3.9
Stevenson Middle	36.2%	49.0%	3.8
Pahoa High & Intermediate	28.0%	77.0%	3.7
Kihei Public Charter High School	43.2%	21.0%	2.7
Aliamanu Middle*	39.4%	30.0%	1.4
Ehunuikaimalino	29.4%	63.0%	1.0

**SY 08/09 Grade 8 Math Performance, All Middle Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Hana High & Elementary	27.3%	68.0%	0.3
Honokaa High & Intermediate	32.7%	48.0%	-0.1
Kapolei Middle*	36.5%	34.0%	-0.3
Ke Ana Laahana	25.0%	68.0%	-2.0
Konawaena Middle	28.6%	54.0%	-2.4
Kahuku High & Intermediate	29.9%	49.0%	-2.5
Kohala Middle	25.7%	59.0%	-3.9
Connections	25.6%	59.0%	-4.0
Kau High & Pahala Elementary	21.7%	72.0%	-4.1
Waimanalo Elementary & Intermediate	19.5%	79.0%	-4.3
Kapaa Middle	27.5%	43.0%	-6.7
Kanu o ka Aina	25.0%	51.0%	-6.9
Waimea Middle	25.6%	48.0%	-7.2
Maui Waena Intermediate	26.1%	46.0%	-7.2
Kalaniana'ole Elementary & Intermediate	17.1%	68.0%	-9.8
Waimea Canyon Middle	22.9%	45.0%	-10.8
Laupahoehoe High & Elementary	16.7%	66.0%	-10.9
Kalama Intermediate	23.1%	43.0%	-11.1
Lanai High & Elementary	26.9%	29.0%	-11.3
Iao Intermediate	22.9%	37.0%	-13.0
Nanakuli High & Intermediate	13.5%	69.0%	-13.2
Lahaina Intermediate	20.5%	38.0%	-15.2
Hakipuu Learning Center	20.0%	38.0%	-15.7
West Hawaii Explorations	28.6%	3.0%	-17.2
Anuenue	7.4%	60.0%	-21.9
Hawaii Technology Academy	20.8%	5.0%	-24.4
Ka Waihona o ka Naauao	2.6%	71.0%	-27.2
Halau Ku Mana	4.0%	58.0%	-27.6

**SY 08/09 Grade 8 Reading Performance, All Middle Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Volcano School	92.3%	49.0%	27.3
Hawaii Academy of Arts & Science	87.9%	53.0%	24.5
Kaunikapono Learning Center	75.0%	70.0%	18.5
Paauilo Elementary & Intermediate	80.0%	56.0%	17.8
Ehunuikaimalino	76.5%	63.0%	17.2
Education Laboratory	98.2%	6.0%	15.8
Dole Middle	66.9%	76.0%	12.9
Kihei Public Charter High School	89.2%	21.0%	12.9
Wheeler Middle*∞	78.7%	45.0%	12.1
Myron B. Thompson Academy	94.0%	7.0%	12.0
Jarrett Middle	69.1%	68.0%	11.9
Voyager	84.6%	27.0%	10.7
Washington Middle	73.2%	54.0%	10.3
Aiea Intermediate	78.1%	42.0%	10.3
Kaimuki Middle	85.0%	22.0%	9.1
Konawaena Middle	71.4%	54.0%	8.5
Kawananakoa Middle	73.2%	49.0%	8.2
Waialua High & Intermediate	72.8%	49.0%	7.8
Honokaa High & Intermediate	73.1%	48.0%	7.7
Mililani Middle*	86.4%	15.0%	7.7
Kalakaua Middle	66.2%	65.0%	7.7
Hana High & Elementary	63.6%	68.0%	6.3
Hilo Intermediate	67.9%	55.0%	5.3
Stevenson Middle	69.9%	49.0%	4.9
Central Middle	57.6%	79.0%	4.8
Ilima Intermediate*	71.8%	44.0%	4.8
Moanalua Middle*	79.8%	24.0%	4.7
Lokelani Intermediate	72.8%	41.0%	4.5
Waipahu Intermediate	65.9%	57.0%	4.2
Halau Lokahi	73.3%	37.0%	3.5
Innovations	80.0%	19.0%	2.9
Kamakahahele Middle	72.8%	36.0%	2.5
Waiakea Intermediate	68.2%	47.0%	2.4
West Hawaii Explorations	85.7%	3.0%	2.1
Kapolei Middle*	72.4%	34.0%	1.3
Aliamanu Middle*	73.7%	30.0%	1.0
Kealakehe Intermediate	63.8%	51.0%	-0.4

**SY 08/09 Grade 8 Reading Performance, All Middle Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Pahoa High & Intermediate	53.0%	77.0%	-0.6
Keaau Middle	54.1%	74.0%	-0.7
Ke Ana Laahana	56.3%	68.0%	-1.0
Kahuku High & Intermediate	63.4%	49.0%	-1.6
Iao Intermediate	67.8%	37.0%	-2.1
Kapaa Middle	64.8%	43.0%	-2.6
Kailua Intermediate*	71.3%	27.0%	-2.6
Ke Kula o Nawahi	53.3%	71.0%	-2.7
Maui Waena Intermediate	63.2%	46.0%	-3.0
Wahiawa Middle	57.7%	59.0%	-3.2
Highlands Intermediate*	69.8%	29.0%	-3.3
Waianae Intermediate	50.1%	77.0%	-3.5
Kalama Intermediate	63.7%	43.0%	-3.7
Waimea Canyon Middle	62.9%	45.0%	-3.8
Waimanalo Elementary & Intermediate	48.8%	79.0%	-4.0
Waimea Middle	60.7%	48.0%	-4.7
Kohala Middle	55.7%	59.0%	-5.2
Kanu o ka Aina	58.8%	51.0%	-5.4
Lanai High & Elementary	67.3%	29.0%	-5.8
Kalaniana'ole Elementary & Intermediate	51.4%	68.0%	-5.9
King Intermediate	61.1%	44.0%	-5.9
Kau High & Pahala Elementary	49.3%	72.0%	-6.4
Niu Valley Middle	72.3%	14.0%	-6.8
Molokai Middle	45.7%	79.0%	-7.1
Halau Ku Mana	56.0%	52.0%	-7.8
Laupahoehoe High & Elementary	50.0%	66.0%	-8.1
Lahaina Intermediate	60.0%	38.0%	-9.4
Nanakuli High & Intermediate	45.6%	69.0%	-11.3
Hawaii Technology Academy	70.8%	5.0%	-12.0
Hakipuu Learning Center	56.3%	38.0%	-13.2
Ka Waihona o ka Naauao	47.4%	58.0%	-14.0
Connections	46.5%	59.0%	-14.4
Anuenue	28.6%	60.0%	-32.0
Olomana	25.0%	56.0%	-37.2

**SY 08/09 Grade 10 Math Performance, All High Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Education Laboratory	76.6%	6.0%	28.8
McKinley High	50.6%	52.0%	26.1
Pahoa High & Intermediate	30.5%	77.0%	18.7
Laupahoehoe High & Elementary	33.3%	66.0%	16.0
West Hawaii Explorations	61.1%	3.0%	11.8
Kua o ka La	15.4%	92.0%	11.2
Connections	32.0%	59.0%	11.1
Molokai High	27.3%	66.0%	9.9
Hilo High	35.7%	49.0%	9.7
Kapaa High	39.5%	40.0%	9.0
Roosevelt High	44.5%	30.0%	8.9
Kaimuki High	32.3%	54.0%	8.9
Campbell High*	37.6%	43.0%	8.6
Waiakea High	41.1%	36.0%	8.6
Kalaheo High*	44.9%	25.0%	6.8
Mililani High*	51.0%	13.0%	6.8
Kealakehe High	37.0%	40.0%	6.4
Kahuku High & Intermediate	31.1%	49.0%	5.1
Hana High & Elementary	20.8%	68.0%	4.5
Kalani High	47.6%	15.0%	4.4
Moanalua High*	46.6%	17.0%	4.4
Leilehua High*	34.1%	41.0%	4.1
Aiea High*	34.4%	37.0%	2.4
Konawaena High	30.2%	45.0%	2.2
Waialua High & Intermediate	27.9%	49.0%	1.9
Waipahu High	27.6%	49.0%	1.6
Farrington High	22.1%	59.0%	1.2
Kauai High	37.3%	28.0%	0.7
Kaiser High	44.2%	14.0%	0.5
Keaau High	15.1%	71.0%	0.3
Waianae High	18.8%	62.0%	-0.6
Kau High & Pahala Elementary	13.7%	72.0%	-0.6
Kekaulike High	34.4%	31.0%	-0.7
Pearl City High*	38.4%	23.0%	-0.7
Kailua High	25.5%	48.0%	-0.9
Baldwin High	35.3%	27.0%	-1.8
Waimea High	30.9%	35.0%	-2.1
Castle High	30.0%	35.0%	-3.1
Hawaii Academy of Arts & Science	20.7%	53.0%	-3.3
Radford High*	34.7%	23.0%	-4.5
Nanakuli High & Intermediate	11.2%	69.0%	-4.7
Kapolei High*	31.3%	26.0%	-6.3
Kanu o ka Aina	18.2%	51.0%	-6.8
Kihei Public Charter High School	32.7%	21.0%	-7.5
Honokaa High & Intermediate	18.7%	48.0%	-7.8
Myron B. Thompson Academy	38.3%	7.0%	-8.9
Maui High	21.9%	34.0%	-11.7
Lahainaluna High	24.6%	28.0%	-12.0
Lanai High & Elementary	24.0%	29.0%	-12.1
Kohala High	8.5%	48.0%	-18.0
Halau Lokahi	10.5%	37.0%	-21.5
Hakipuu Learning Center	10.0%	38.0%	-21.5

**SY 08/09 Grade 10 Reading Performance, All High Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Hawaii Academy of Arts & Science	93.1%	53.0%	24.4
Halau Ku Mana	83.3%	52.0%	14.2
Waialua High & Intermediate	83.5%	49.0%	13.1
Hana High & Elementary	75.0%	68.0%	12.7
Kau High & Pahala Elementary	71.2%	72.0%	10.6
Education Laboratory	95.7%	6.0%	7.0
Connections	73.1%	59.0%	6.9
McKinley High	74.1%	52.0%	5.0
Campbell High*	77.4%	43.0%	4.4
Roosevelt High	82.7%	30.0%	4.2
Kalani High	88.5%	15.0%	3.5
Halau Lokahi	78.9%	37.0%	3.4
Kanu o ka Aina	72.7%	51.0%	3.2
Waimea High	78.9%	35.0%	2.5
Leilehua High*	76.2%	41.0%	2.4
Moanalua High*	86.0%	17.0%	1.9
Kealakehe High	75.8%	40.0%	1.6
Molokai High	64.4%	66.0%	1.3
Pahoa High & Intermediate	59.1%	77.0%	0.6
Kahuku High & Intermediate	70.8%	49.0%	0.4
Waiakea High	76.2%	36.0%	0.3
Hakipuu Learning Center	75.0%	38.0%	-0.1
Mililani High*	85.3%	13.0%	-0.5
Radford High*	80.9%	23.0%	-0.6
Kaimuki High	67.4%	54.0%	-0.9
Kekaulike High	77.1%	31.0%	-1.0
Farrington High	64.9%	59.0%	-1.2
Kapolei High*	78.6%	26.0%	-1.6
Pearl City High*	79.5%	23.0%	-2.0
Kailua High	68.5%	48.0%	-2.3
Aiea High*	72.9%	37.0%	-2.6
Kihei Public Charter High School	79.6%	21.0%	-2.8
Keaau High	58.1%	71.0%	-2.9
Waipahu High	67.4%	49.0%	-3.0
Kalaheo High*	77.3%	25.0%	-3.4
Baldwin High	76.4%	27.0%	-3.4
Maui High	73.3%	34.0%	-3.5
Konawaena High	68.6%	45.0%	-3.5
Kapaa High	70.6%	40.0%	-3.6
Hilo High	66.2%	49.0%	-4.2
Laupahoehoe High & Elementary	58.3%	66.0%	-4.8
Kauai High	74.2%	28.0%	-5.1
Kua o ka La	46.2%	92.0%	-5.9
Lanai High & Elementary	72.0%	29.0%	-6.9
Honokaa High & Intermediate	63.2%	48.0%	-7.7
Kaiser High	77.5%	14.0%	-7.8
Lahainaluna High	71.3%	28.0%	-8.1
Kohala High	62.7%	48.0%	-8.1
Nanakuli High & Intermediate	52.8%	69.0%	-9.1
Castle High	65.8%	35.0%	-10.6
Waianae High	53.8%	62.0%	-11.0
Anuenue	48.3%	60.0%	-17.4
Olomana	30.3%	56.0%	-37.1



---

## Comparison Districts

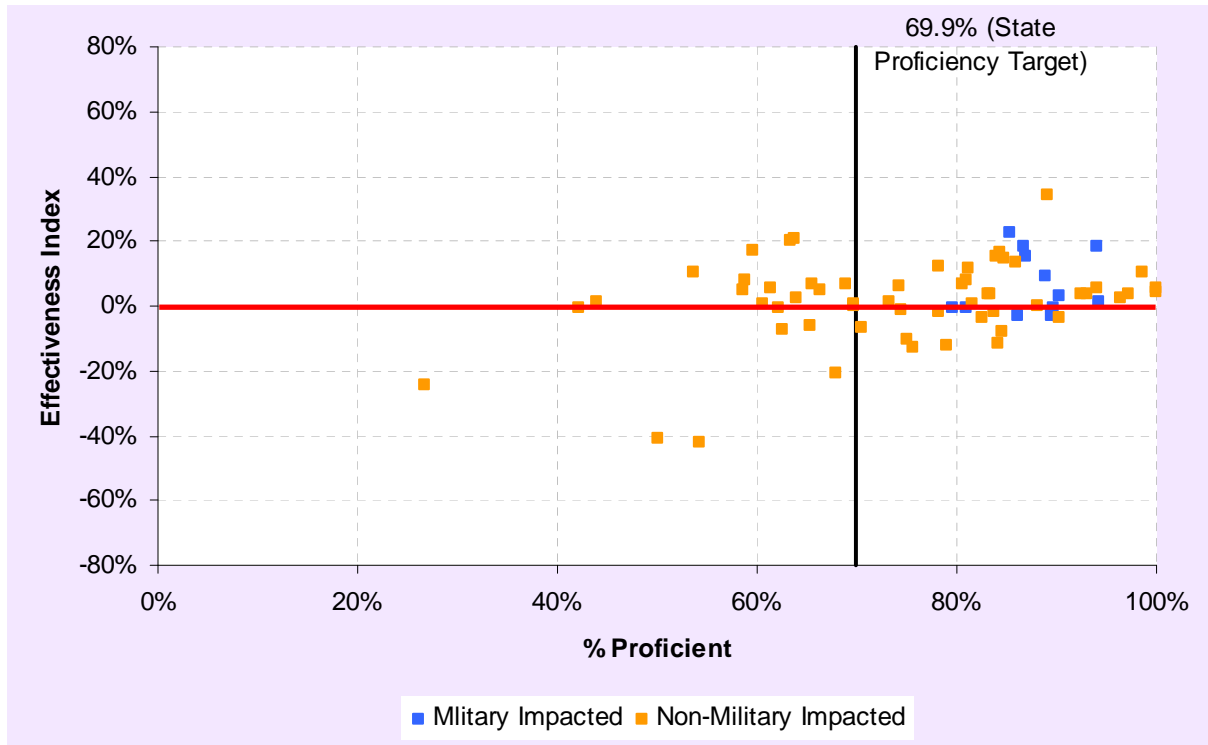
The following tables and charts illustrate the Effectiveness Index model for each of the comparison districts. In each comparison district, the Reading and Math tests in Grades 3, 5, 8 and 10 were analyzed using the EI. In Anchorage, Grades 3, 5, 7, and 10 were used because of data availability. For each test, the first chart represents all test taking schools in the district. The second scatter plot represents solely the military impacted schools. On-base schools are highlighted in green. Each set of charts has a corresponding table which outlines the proficiency score of each school, the percentage of the student population receiving free or reduced lunch, and its EI residual score. Due to the small number of schools in Travis Unified School District, the district data is represented solely by tables.

The table key below identifies the symbols used in all of the tables in Appendix C.

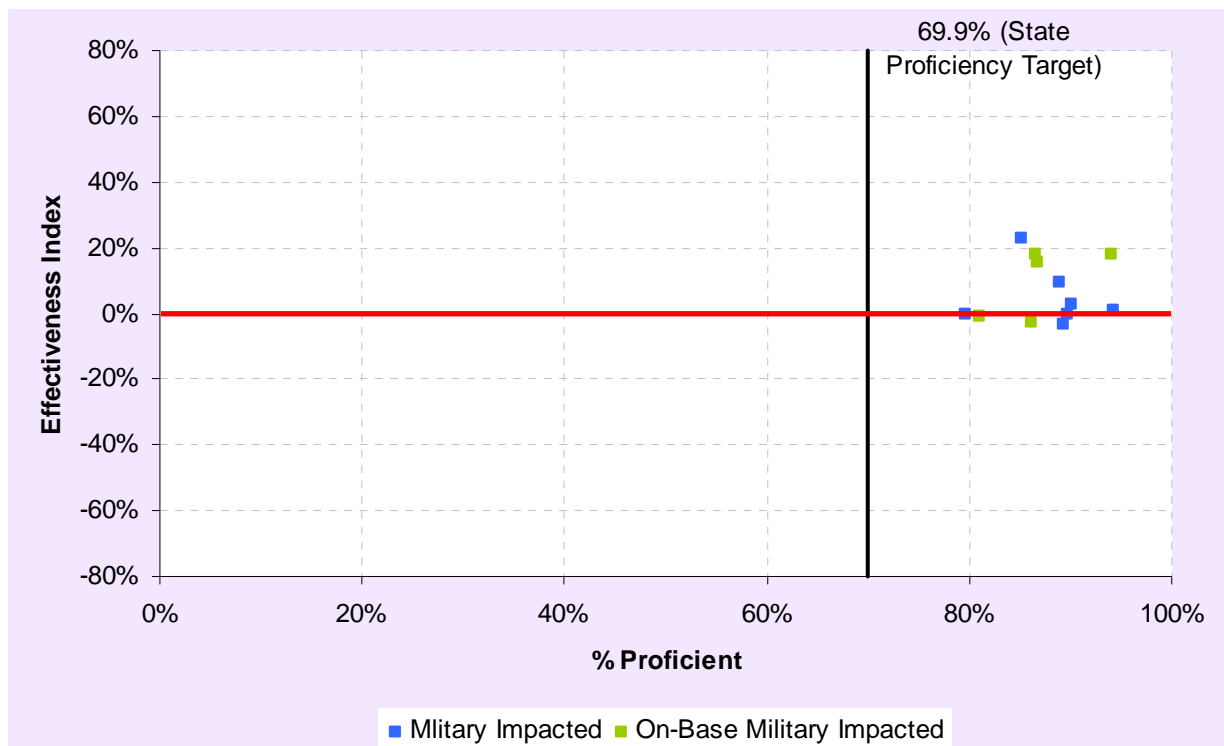
Type	Symbol
Military Impacted School	*
On Base	∞
School excluded due to insufficient number of test takers	†

## Anchorage, Alaska

### SY 08/09 Grade 3 Math Performance, All Elementary Schools



### SY 08/09 Grade 3 Math Performance, All Military Impacted Elementary Schools



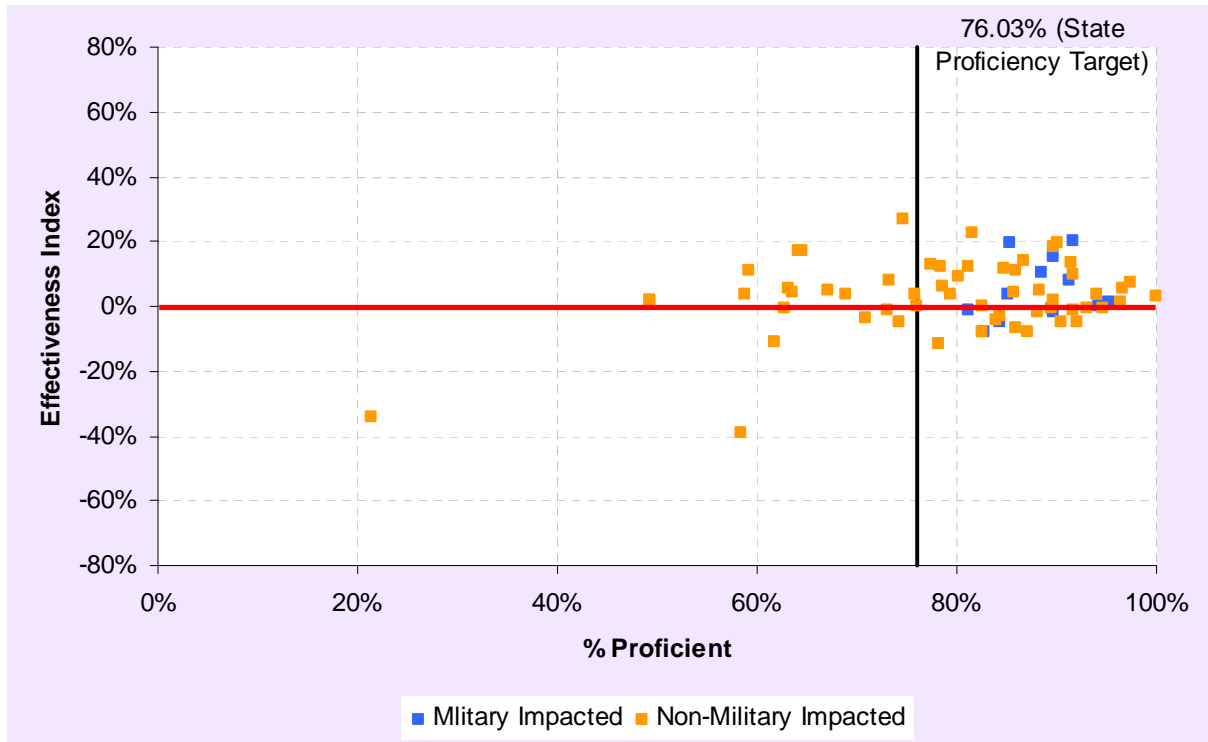
**SY 08/09 Grade 3 Math Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Wonder Park Elementary	89.2%	77.8%	34.1
Creekside Park Elementary*	85.3%	64.2%	22.6
William Tyson Elementary	63.8%	99.7%	20.9
Fairview Elementary	63.3%	99.2%	20.3
Aurora Elementary*∞	94.1%	40.7%	18.2
Ursa Major Elementary*∞	86.7%	53.8%	18.1
Williwaw Elementary	59.7%	100.0%	17.1
Government Hill Elementary	84.4%	55.3%	16.7
Tudor Elementary	84.0%	53.6%	15.3
Ursa Minor Elementary*∞	86.8%	48.4%	15.3
Gladys Wood Elementary	84.8%	50.8%	14.6
Baxter Elementary	86.0%	47.1%	13.7
Nunaka Valley Elementary	78.1%	58.6%	12.3
College Gate Elementary	81.1%	51.9%	11.5
Northern Lights ABC K-8 School	98.7%	18.5%	10.3
North Star Elementary	53.7%	98.4%	10.2
Eagle River Elementary*	88.9%	34.1%	9.3
Scenic Park Elementary	81.0%	45.8%	7.9
Alaska Native Cultural Charter School	58.8%	85.2%	7.9
Ptarmigan Elementary	65.6%	71.6%	7.0
Lake Hood Elementary	80.6%	44.6%	6.9
Taku Elementary	68.9%	65.3%	6.8
Susitna Elementary	74.3%	54.1%	5.9
Airport Heights Elementary	61.4%	76.3%	5.4
Girdwood School	94.1%	17.9%	5.4
Chinook Elementary	66.3%	66.5%	4.9
Russian Jack Elementary	58.6%	79.9%	4.7
Kasuun Elementary	83.3%	34.4%	3.9
Bayshore Elementary	92.5%	17.7%	3.7
Rogers Park Elementary	83.1%	34.4%	3.7
Polaris K-12 School	97.3%	8.9%	3.6
Aquarian Charter School	93.1%	16.2%	3.5
Homestead Elementary*	90.2%	20.2%	2.8
Bear Valley Elementary	96.4%	8.6%	2.5
Lake Otis Elementary	63.9%	66.1%	2.3

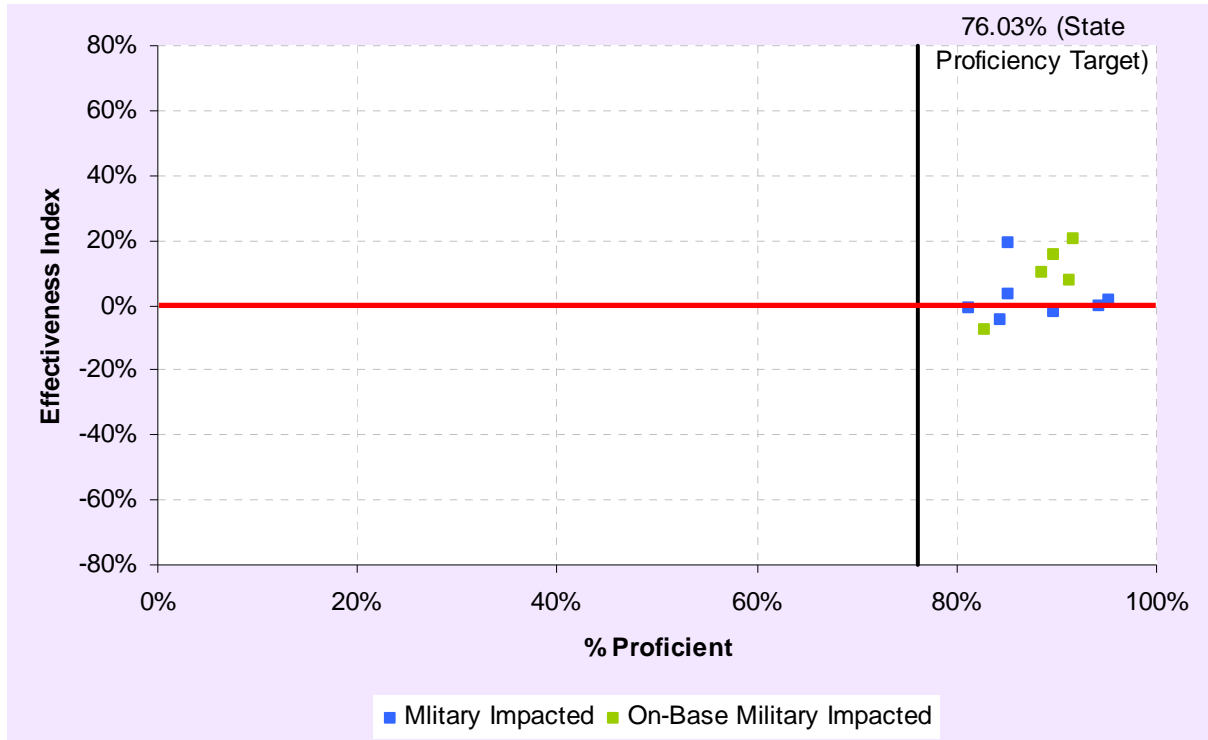
**SY 08/09 Grade 3 Math Performance, All Military Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Campbell Elementary	73.2%	47.8%	1.3
Ravenwood Elementary*	94.2%	10.1%	1.1
Mountain View Elementary	43.9%	99.4%	1.0
Willow Crest Elementary	60.6%	69.2%	0.6
Chester Valley Elementary	69.7%	52.8%	0.6
Ocean View Elementary	81.7%	31.4%	0.5
Abbott Loop Elementary	69.6%	52.3%	0.3
Kincaid Elementary	88.1%	18.8%	-0.1
Birchwood ABC Elementary*	89.7%	15.4%	-0.4
Northwood Elementary	62.2%	64.3%	-0.5
Fire Lake Elementary*	79.6%	33.1%	-0.6
Muldoon Elementary	42.3%	99.6%	-0.6
Orion Elementary School* <sup>∞</sup>	81.0%	30.4%	-0.6
Denali Elementary	74.5%	41.5%	-1.0
Trailside Elementary	83.8%	23.0%	-2.0
Inlet View Elementary	78.3%	32.9%	-2.0
Mt. Spurr Elementary* <sup>∞</sup>	86.1%	17.2%	-3.0
Alpenglow Elementary*	89.4%	11.2%	-3.0
Bowman Elementary	82.5%	22.5%	-3.6
O'Malley Elementary	90.3%	8.3%	-3.7
Klatt Elementary	65.4%	48.4%	-6.2
Turnagain Elementary	70.4%	38.7%	-6.6
Spring Hill Elementary	62.5%	51.2%	-7.5
Huffman Elementary	84.5%	11.0%	-8.1
Sand Lake Elementary	75.0%	23.8%	-10.4
Chugach Optional Elementary	84.2%	5.1%	-11.7
Rabbit Creek Elementary	79.0%	13.1%	-12.4
Chugiak Elementary	75.6%	18.0%	-13.0
Family Partnership Charter School	68.0%	18.2%	-20.5
Whaley School	26.7%	84.5%	-24.7
Frontier Charter School	50.0%	13.5%	-41.2
Winterberry School	54.2%	4.2%	-42.2

**SY 08/09 Grade 3 Reading Performance, All Elementary Schools**



**SY 08/09 Grade 3 Reading Performance, All Military Impacted Elementary Schools**



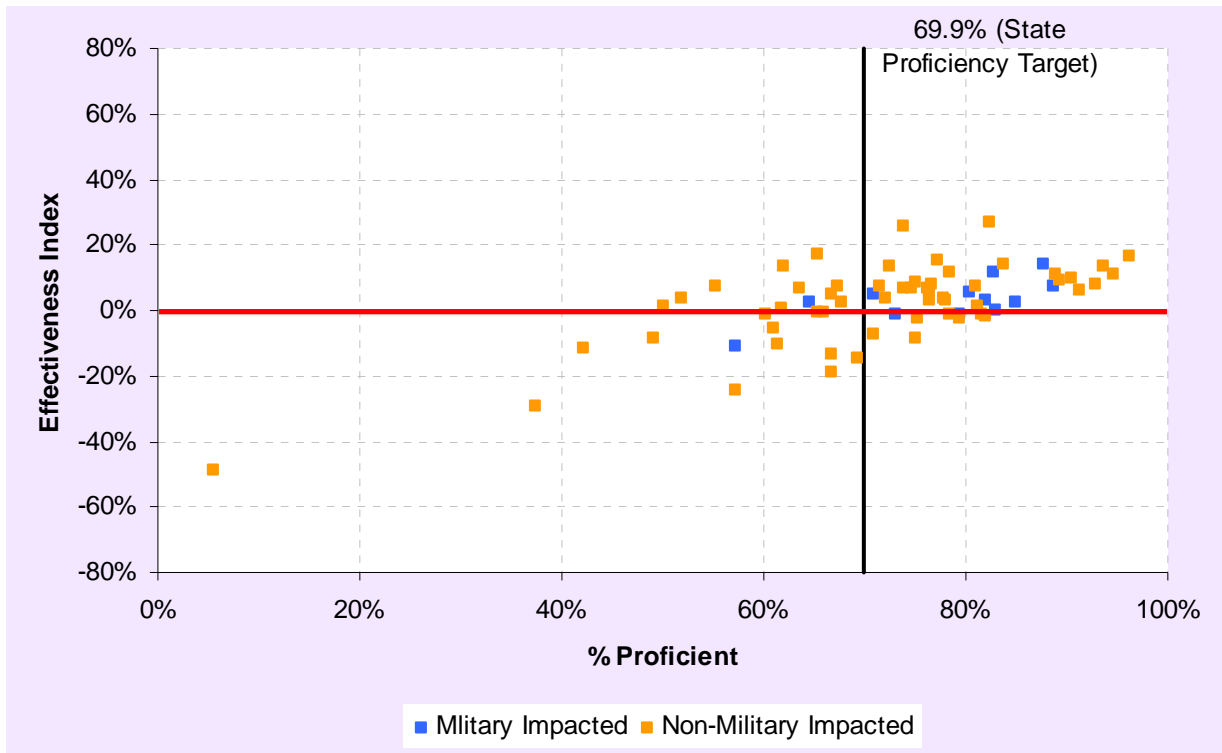
**SY 08/09 Grade 3 Reading Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Fairview Elementary	74.6%	99.2%	27.0
Wonder Park Elementary	81.6%	77.8%	22.7
Ursa Major Elementary* <sup>∞</sup>	91.7%	53.8%	20.2
Government Hill Elementary	90.2%	55.3%	19.5
Creekside Park Elementary*	85.3%	64.2%	19.3
Tudor Elementary	89.8%	53.6%	18.2
William Tyson Elementary	64.6%	99.7%	17.2
Williwaw Elementary	64.2%	100.0%	17.0
Ursa Minor Elementary* <sup>∞</sup>	89.8%	48.4%	15.5
College Gate Elementary	86.8%	51.9%	14.3
Denali Elementary	91.5%	41.5%	13.6
Chinook Elementary	77.4%	66.5%	12.6
Northwood Elementary	78.4%	64.3%	12.4
Nunaka Valley Elementary	81.3%	58.6%	12.3
Gladys Wood Elementary	84.9%	50.8%	11.8
North Star Elementary	59.3%	98.4%	11.2
Baxter Elementary	86.0%	47.1%	11.1
Aurora Elementary* <sup>∞</sup>	88.5%	40.7%	10.1
Kasuun Elementary	91.7%	34.4%	10.1
Susitna Elementary	80.3%	54.1%	9.0
Taku Elementary	73.3%	65.3%	7.9
Orion Elementary School* <sup>∞</sup>	91.4%	30.4%	7.7
Northern Lights ABC K-8 School	97.3%	18.5%	7.4
Abbott Loop Elementary	78.6%	52.3%	6.4
Russian Jack Elementary	63.2%	79.9%	5.4
Aquarian Charter School	96.6%	16.2%	5.4
Ocean View Elementary	88.3%	31.4%	5.1
Ptarmigan Elementary	67.2%	71.6%	5.1
Rogers Park Elementary	85.7%	34.4%	4.1
Airport Heights Elementary	63.6%	76.3%	4.0
Alaska Native Cultural Charter School	58.8%	85.2%	3.9
Lake Otis Elementary	68.9%	66.1%	3.8
Girdwood School	94.1%	17.9%	3.8
Chester Valley Elementary	75.8%	52.8%	3.8
Scenic Park Elementary	79.4%	45.8%	3.7

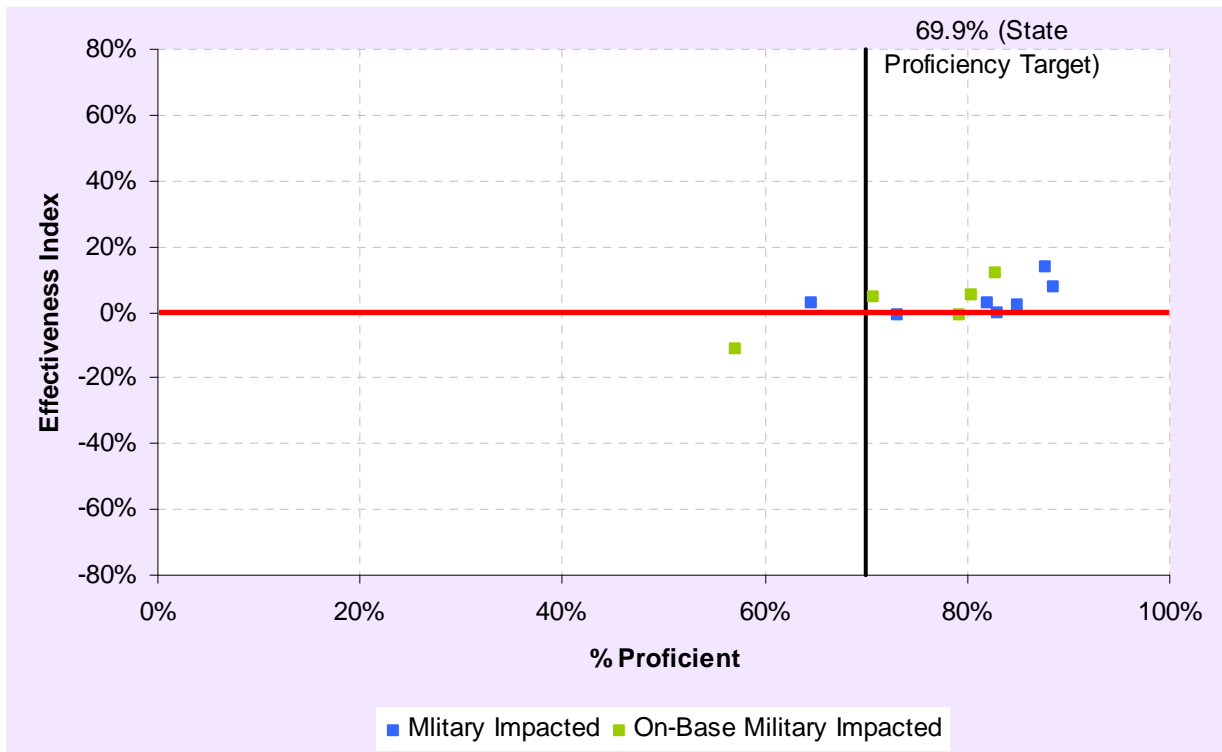
SY 08/09 Grade 3 Reading Performance, All Elementary Schools (Continued)

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Eagle River Elementary	85.2%	34.1%	3.4
Trailside Elementary	89.7%	23.0%	2.1
Muldoon Elementary	49.3%	99.6%	1.9
Mountain View Elementary	49.3%	99.4%	1.8
Alpenglow Elementary	95.3%	11.2%	1.5
Bear Valley Elementary	96.4%	8.6%	1.3
Inlet View Elementary	82.6%	32.9%	0.2
Ravenwood Elementary	94.3%	10.1%	-0.1
Lake Hood Elementary	76.1%	44.6%	-0.1
Polaris K-12 School	94.6%	8.9%	-0.4
Willow Crest Elementary	62.9%	69.2%	-0.5
Huffman Elementary	93.1%	11.0%	-0.8
Bayshore Elementary	89.6%	17.7%	-0.8
Frontier Charter School	91.7%	13.5%	-0.9
Fire Lake Elementary	81.3%	33.1%	-1.1
Klatt Elementary	73.1%	48.4%	-1.2
Kincaid Elementary	88.1%	18.8%	-1.7
Birchwood ABC Elementary	89.7%	15.4%	-1.9
Sand Lake Elementary	84.3%	23.8%	-2.9
Campbell Elementary	70.9%	47.8%	-3.7
Bowman Elementary	83.9%	22.5%	-4.0
Homestead Elementary	84.3%	20.2%	-4.8
Chugach Optional Elementary	92.1%	5.1%	-4.9
Rilke Schule Charter School	90.5%	8.0%	-5.0
Turnagain Elementary	74.3%	38.7%	-5.1
Rabbit Creek Elementary	86.0%	13.1%	-6.8
Chugiak Elementary	82.5%	18.0%	-7.7
Mt. Spurr Elementary	82.9%	17.2%	-7.8
O'Malley Elementary	87.1%	8.3%	-8.2
Spring Hill Elementary	61.7%	51.2%	-11.1
Family Partnership Charter School	78.3%	18.2%	-11.9
Whaley School	21.4%	84.5%	-33.9
Winterberry School	58.3%	4.2%	-39.2

**SY 08/09 Grade 5 Math Performance, All Elementary Schools**



**SY 08/09 Grade 5 Math Performance, All Military Impacted Elementary Schools**





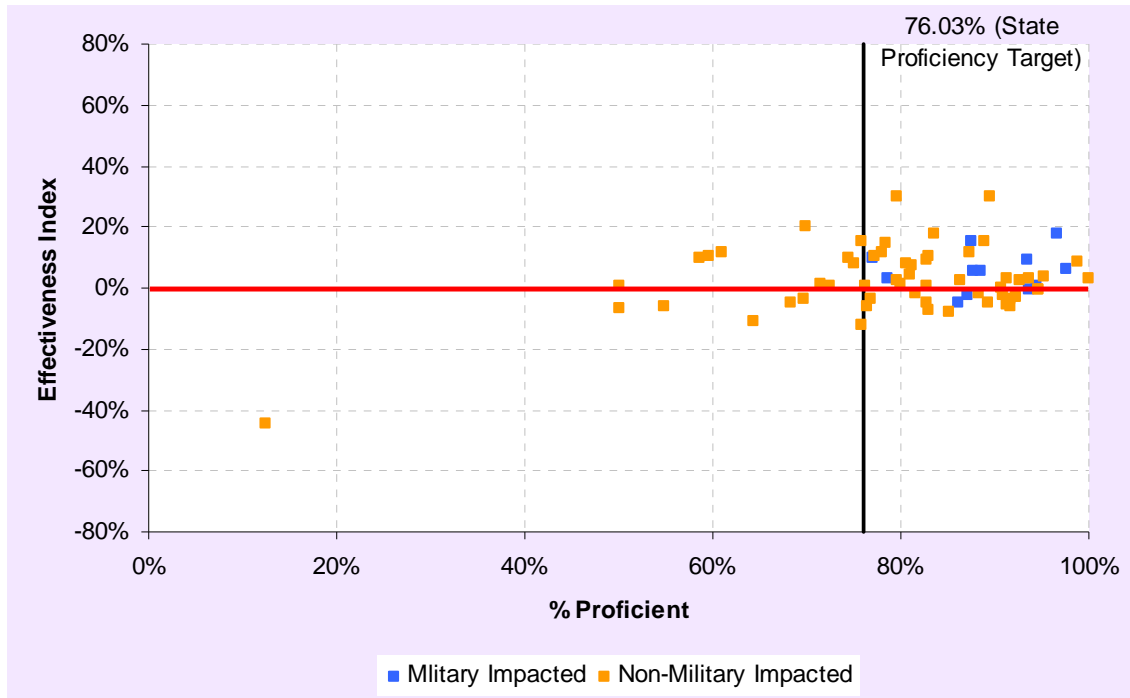
**SY 08/09 Grade 5 Math Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Russian Jack Elementary	82.5%	79.9%	26.6
Mountain View Elementary	73.9%	99.4%	25.6
William Tyson Elementary	65.4%	99.7%	17.2
Northern Lights ABC K-8 School	96.2%	18.5%	16.4
Northwood Elementary	77.3%	64.3%	15.3
Lake Hood Elementary	83.7%	44.6%	14.0
Eagle River Elementary*	87.7%	34.1%	14.0
Girdwood School	93.8%	17.9%	13.7
Fairview Elementary	62.0%	99.2%	13.6
Ptarmigan Elementary	72.6%	71.6%	13.4
Aurora Elementary*∞	82.8%	40.7%	11.6
Spring Hill Elementary	78.4%	51.2%	11.3
Bear Valley Elementary	94.6%	8.6%	10.9
Trailside Elementary	88.9%	23.0%	10.8
Aquarian Charter School	90.5%	16.2%	9.8
Bayshore Elementary	89.3%	17.7%	9.2
Tudor Elementary	75.0%	53.6%	8.8
Baxter Elementary	76.6%	47.1%	7.9
Chugach Optional Elementary	92.9%	5.1%	7.8
Birchwood ABC Elementary*	88.6%	15.4%	7.6
Kasuun Elementary	81.0%	34.4%	7.4
Nunaka Valley Elementary	71.4%	58.6%	7.2
Willow Crest Elementary	67.3%	69.2%	7.2
Williwaw Elementary	55.2%	100.0%	7.1
Scenic Park Elementary	76.2%	45.8%	7.0
Wonder Park Elementary	63.6%	77.8%	6.9
Gladys Wood Elementary	73.9%	50.8%	6.7
Klatt Elementary	74.6%	48.4%	6.4
Eagle Academy Charter School	91.3%	5.3%	6.4
Denali Elementary	76.5%	41.5%	5.6
Orion Elementary School*∞	80.4%	30.4%	5.3
Taku Elementary	66.7%	65.2%	5.1
Ursa Major Elementary*∞	70.8%	53.8%	4.8
Campbell Elementary	72.1%	47.8%	3.7
Muldoon Elementary	51.8%	99.6%	3.6
Inlet View Elementary	77.8%	32.9%	3.6

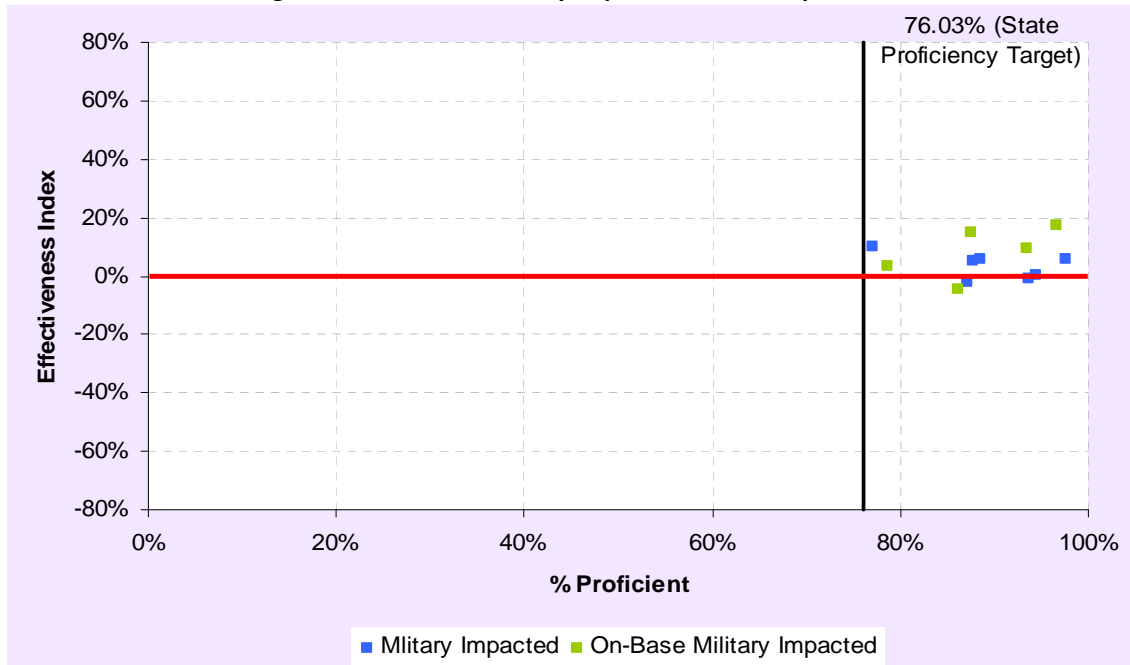
**SY 08/09 Grade 5 Math Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Ocean View Elementary	78.1%	31.4%	3.3
Homestead Elementary*	82.1%	20.2%	2.9
Rogers Park Elementary	76.4%	34.3%	2.7
Creekside Park Elementary*	64.6%	64.2%	2.6
Government Hill Elementary	67.8%	55.3%	2.3
Alpenglow Elementary*	84.9%	11.2%	2.3
North Star Elementary	50.0%	98.4%	1.3
Chugiak Elementary	81.2%	18.0%	1.1
Chinook Elementary	61.8%	66.5%	0.6
Ravenwood Elementary*	83.0%	10.1%	-0.1
Chester Valley Elementary	65.9%	52.8%	-0.6
Susitna Elementary	65.3%	54.1%	-0.7
Lake Otis Elementary	60.3%	66.1%	-1.0
Mt. Spurr Elementary* <sup>∞</sup>	79.3%	17.2%	-1.0
Fire Lake Elementary*	73.1%	33.1%	-1.1
Huffman Elementary	81.5%	11.0%	-1.2
Kincaid Elementary	78.3%	18.8%	-1.4
O'Malley Elementary	82.1%	8.3%	-1.7
Sand Lake Elementary	75.3%	23.8%	-2.4
Rabbit Creek Elementary	79.4%	13.1%	-2.5
College Gate Elementary	61.0%	51.9%	-5.8
Bowman Elementary	71.0%	22.5%	-7.3
Airport Heights Elementary	49.0%	76.3%	-8.3
Polaris K-12 School	75.0%	8.9%	-8.5
Turnagain Elementary	61.4%	38.7%	-10.6
Ursa Minor Elementary* <sup>∞</sup>	57.1%	48.4%	-11.0
Alaska Native Cultural Charter School	42.1%	85.2%	-11.7
Family Partnership Charter School	66.7%	18.2%	-13.3
Rilke Schule Charter School	69.2%	8.0%	-14.7
Winterberry School	66.7%	4.1%	-18.7
Frontier Charter School	57.1%	13.5%	-24.6
Abbott Loop Elementary	37.5%	52.3%	-29.1
Whaley School	5.6%	84.4%	-48.6

**SY 08/09 Grade 5 Reading Performance, All Elementary Schools**



**SY 08/09 Grade 5 Reading Performance, All Military Impacted Elementary Schools**



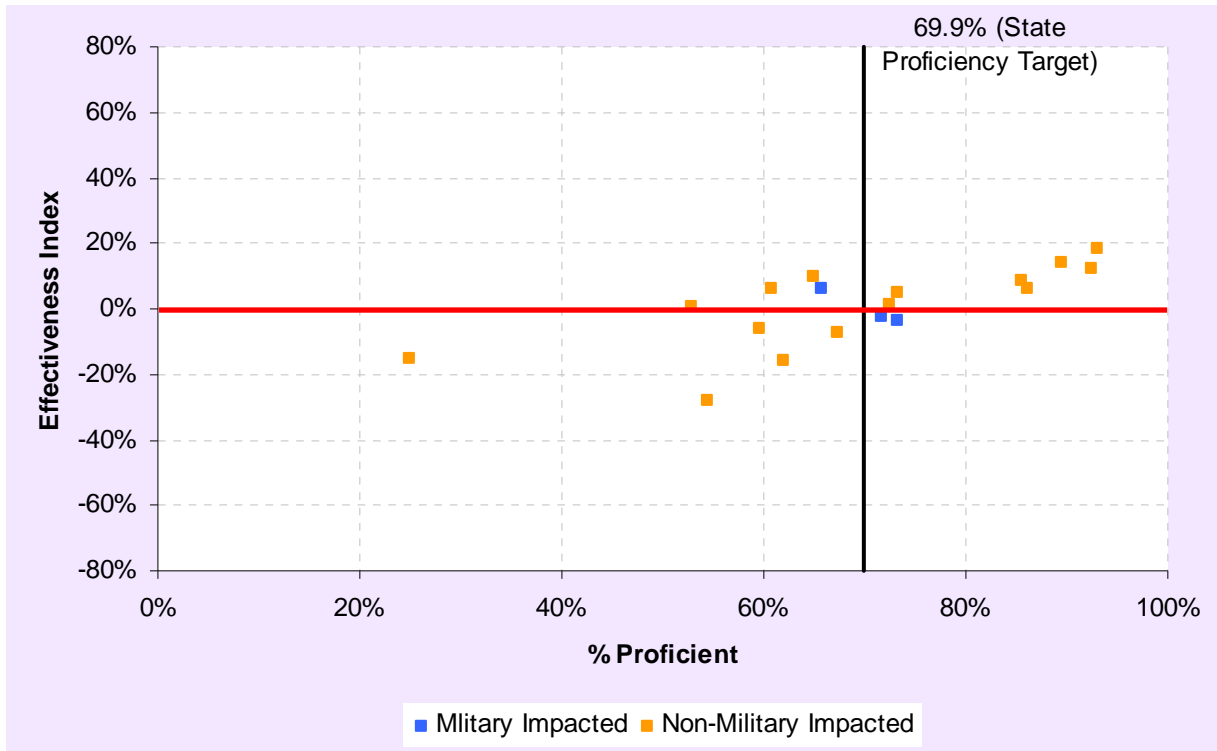
**SY 08/09 Grade 5 Reading Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Russian Jack Elementary	89.5%	79.9%	30.2
Fairview Elementary	79.6%	99.2%	30.1
North Star Elementary	69.8%	98.4%	30.2
Chinook Elementary	83.6%	66.5%	17.5
Aurora Elementary* <sup>∞</sup>	96.6%	40.7%	17.5
Wonder Park Elementary	75.8%	77.8%	15.4
Spring Hill Elementary	88.9%	51.2%	15.1
Ursa Major Elementary* <sup>∞</sup>	87.5%	53.8%	15.0
Ptarmigan Elementary	78.4%	71.6%	14.9
William Tyson Elementary	61.0%	99.7%	11.7
Lake Otis Elementary	77.9%	66.1%	11.6
Baxter Elementary	87.2%	47.1%	11.4
Taku Elementary	77.3%	65.2%	10.6
Tudor Elementary	83.1%	53.6%	10.4
Mountain View Elementary	59.6%	99.4%	10.1
Creekside Park Elementary*	77.1%	64.2%	9.9
Willow Crest Elementary	74.6%	69.2%	9.8
Williwaw Elementary	58.6%	100.0%	9.5
College Gate Elementary	82.8%	51.9%	9.3
Orion Elementary School* <sup>∞</sup>	93.5%	30.4%	9.2
Northern Lights ABC K-8 School	98.7%	18.5%	8.4
Susitna Elementary	80.6%	54.1%	8.2
Northwood Elementary	75.0%	64.3%	7.8
Gladys Wood Elementary	81.2%	50.8%	7.2
Birchwood ABC Elementary*	97.7%	15.4%	5.8
Fire Lake Elementary*	88.5%	33.1%	5.5
Eagle River Elementary*	87.7%	34.1%	5.3
Scenic Park Elementary	81.0%	45.8%	4.4
Aquarian Charter School	95.2%	16.2%	3.8
Ursa Minor Elementary* <sup>∞</sup>	78.6%	48.4%	3.3
Trailside Elementary	91.4%	23.0%	3.3
Girdwood School	93.8%	17.9%	3.1
Ocean View Elementary	86.3%	31.4%	2.5
Lake Hood Elementary	79.6%	44.6%	2.5
Chugiak Elementary	92.8%	18.0%	2.2
Nunaka Valley Elementary	71.4%	58.6%	1.4
Denali Elementary	80.0%	41.5%	1.3
Campbell Elementary	76.3%	47.8%	0.8

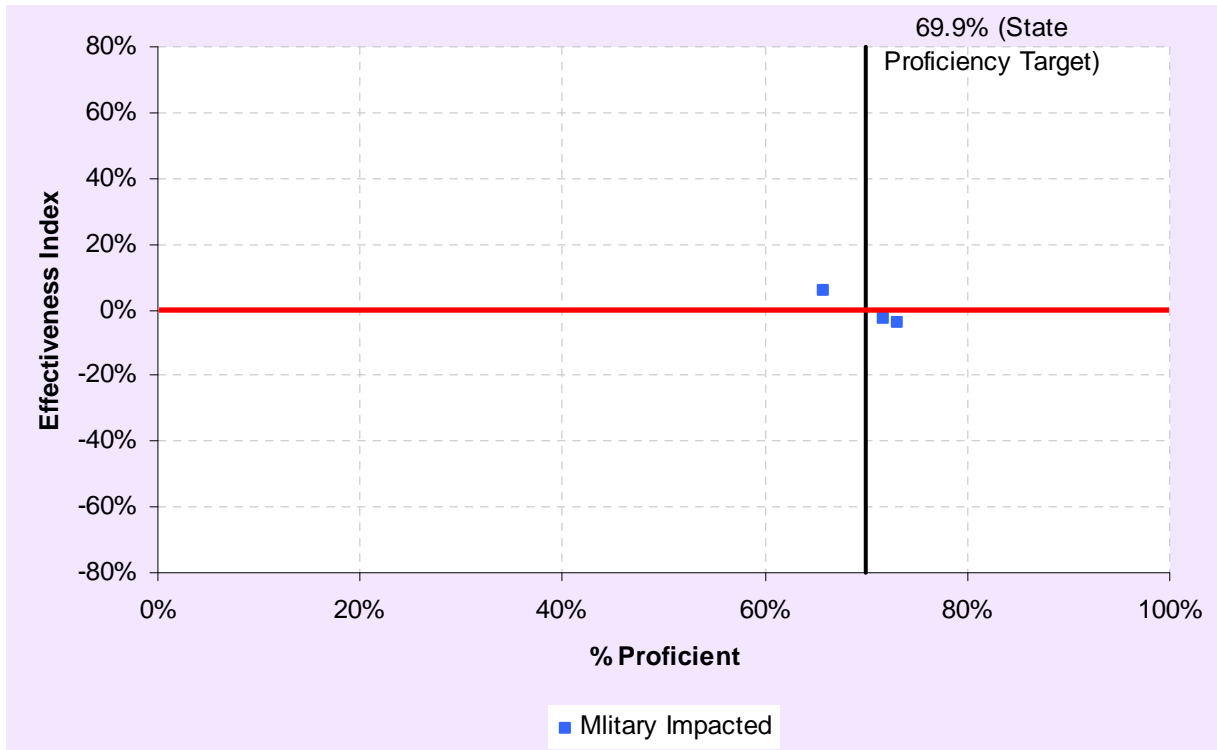
**SY 08/09 Grade 5 Reading Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Eligible for free or reduced price meals</b>	<b>Effectiveness Index</b>
Government Hill Elementary	72.4%	55.3%	0.7
Muldoon Elementary	50.0%	99.6%	0.7
Alpenglow Elementary*	94.5%	11.2%	0.5
Kasuun Elementary	82.8%	34.4%	0.5
Bayshore Elementary	90.7%	17.7%	-0.1
O'Malley Elementary	94.7%	8.3%	-0.7
Bear Valley Elementary	94.6%	8.6%	-0.7
Ravenwood Elementary*	93.8%	10.1%	-0.8
Inlet View Elementary	81.5%	32.9%	-1.6
Kincaid Elementary	88.3%	18.8%	-1.8
Rabbit Creek Elementary	90.9%	13.1%	-2.2
Homestead Elementary*	87.2%	20.2%	-2.3
Rilke Schule Charter School	92.3%	8.0%	-3.3
Turnagain Elementary	76.8%	38.7%	-3.4
Polaris K-12 School	91.7%	8.9%	-3.5
Abbott Loop Elementary	69.6%	52.3%	-3.6
Chester Valley Elementary	68.3%	52.8%	-4.7
Mt. Spurr Elementary* <sup>∞</sup>	86.2%	17.2%	-4.8
Huffman Elementary	89.2%	11.0%	-4.9
Sand Lake Elementary	82.7%	23.8%	-4.9
Eagle Academy Charter School	91.3%	5.3%	-5.7
Winterberry School	91.7%	4.1%	-5.9
Rogers Park Elementary	76.4%	34.3%	-5.9
Airport Heights Elementary	54.9%	76.3%	-6.2
Alaska Native Cultural Charter School	50.0%	85.2%	-6.6
Family Partnership Charter School	82.9%	18.2%	-7.6
Frontier Charter School	85.2%	13.5%	-7.7
Klatt Elementary	64.4%	48.4%	-10.8
Bowman Elementary	75.8%	22.5%	-12.5
Whaley School	12.5%	84.4%	-44.5

SY 08/09 Grade 7 Math Performance, All Middle Schools



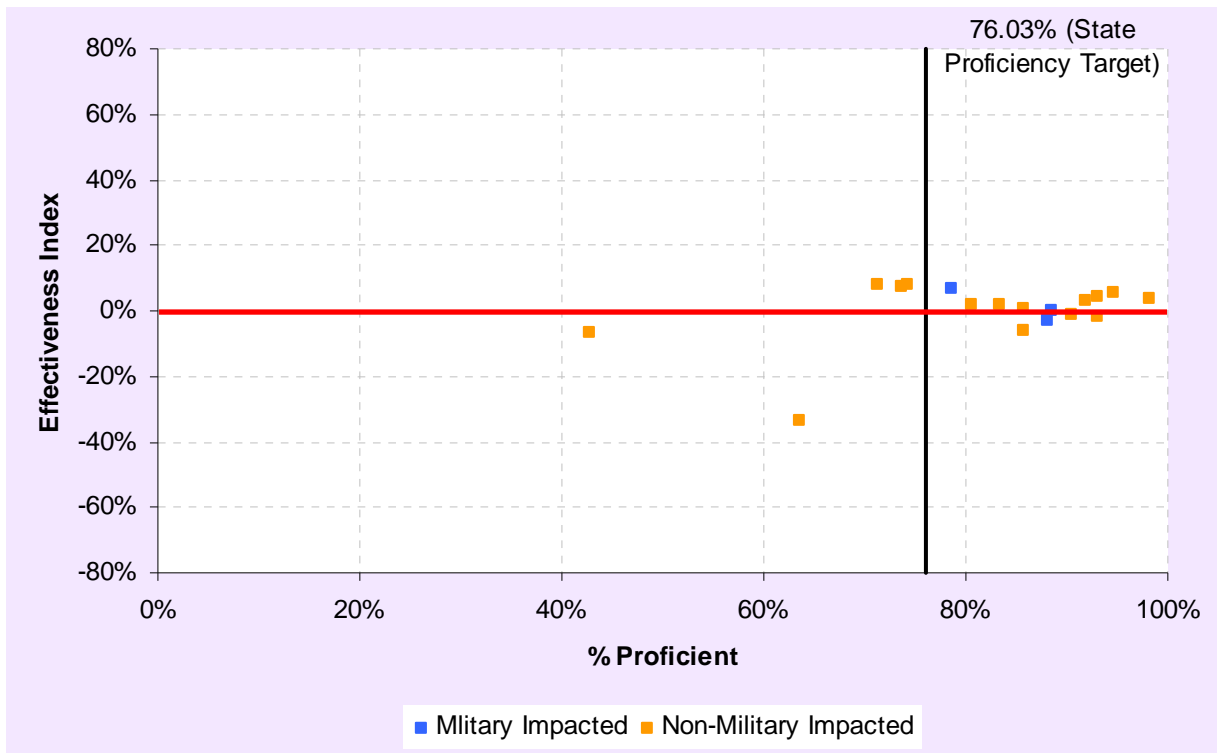
SY 08/09 Grade 7 Math Performance, All Military Impacted Middle Schools



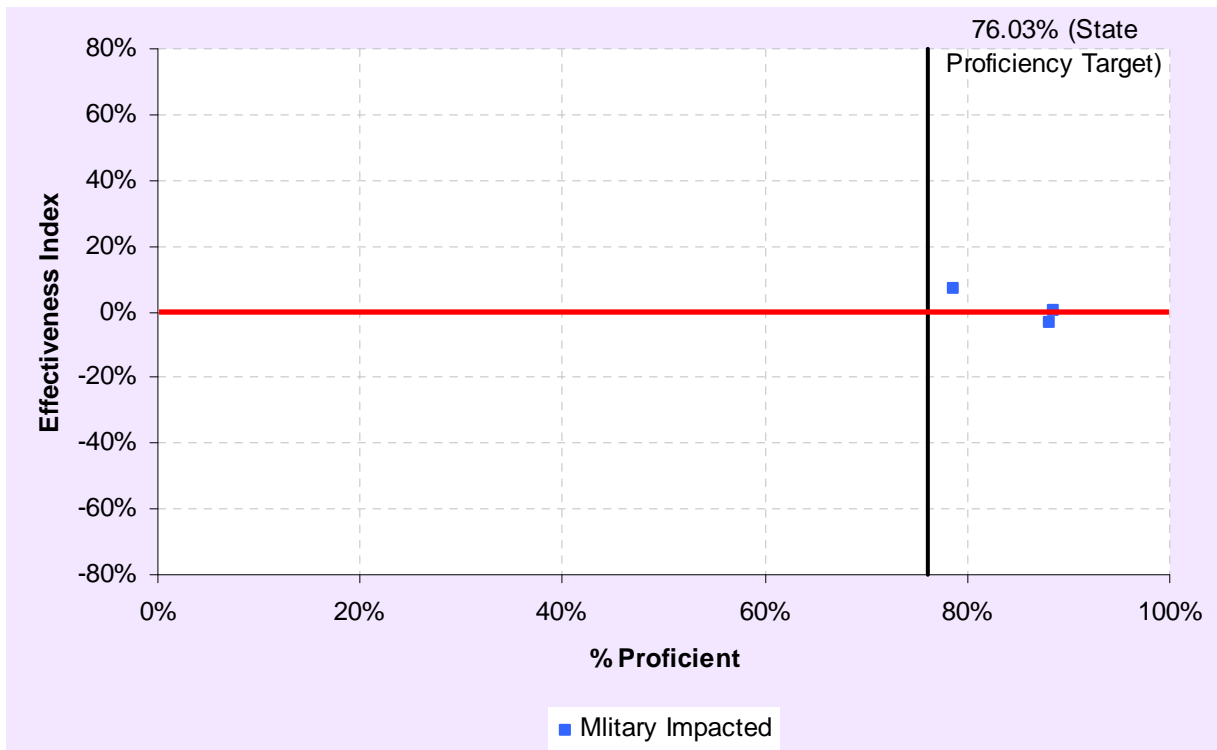
**SY 08/09 Grade 7 Math Performance, All Middle Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Northern Lights ABC K-8 School	93.0%	18.5%	18.2
Girdwood School	89.5%	17.9%	14.3
Steller Secondary School	92.5%	8.8%	12.5
Romig Middle School	64.9%	55.7%	9.7
Goldenview Middle School	85.5%	14.2%	8.4
Polaris K-12 School	86.1%	8.9%	6.2
Central Middle School of Science*	65.8%	46.9%	6.0
Wendler Middle School	60.8%	56.2%	5.9
Highland Tech High Charter School	73.3%	30.9%	5.0
Mears Middle School	72.4%	25.1%	1.1
Nicholas J. Begich Middle School	52.8%	60.8%	0.3
Gruening Middle School*	71.7%	19.4%	-2.7
Mirror Lake Middle School*	73.2%	14.7%	-3.7
Hanshew Middle School	59.6%	35.2%	-6.4
Family Partnership Charter School	67.4%	18.2%	-7.6
Whaley School	25.0%	84.4%	-15.0
Frontier Charter School	61.9%	13.5%	-15.6
Winterberry School	54.5%	4.1%	-27.9

SY 08/09 Grade 7 Reading Performance, All Middle Schools



SY 08/09 Grade 7 Reading Performance, All Military Impacted Middle Schools

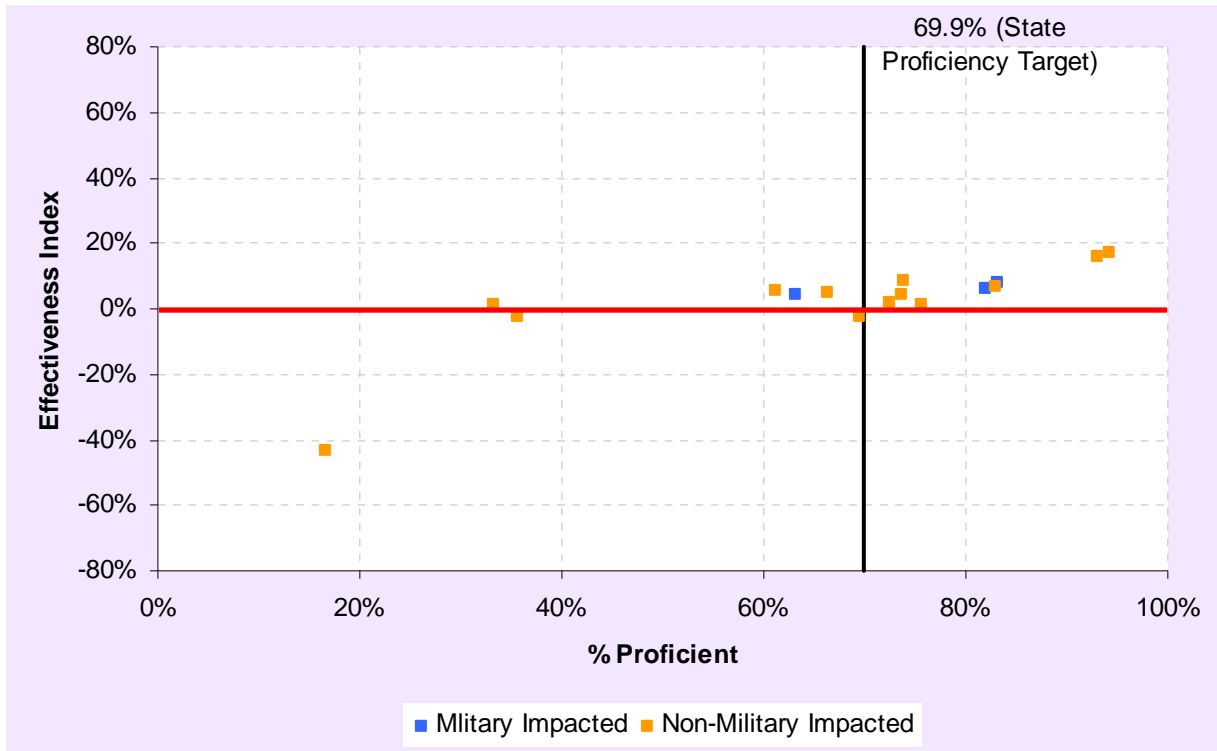




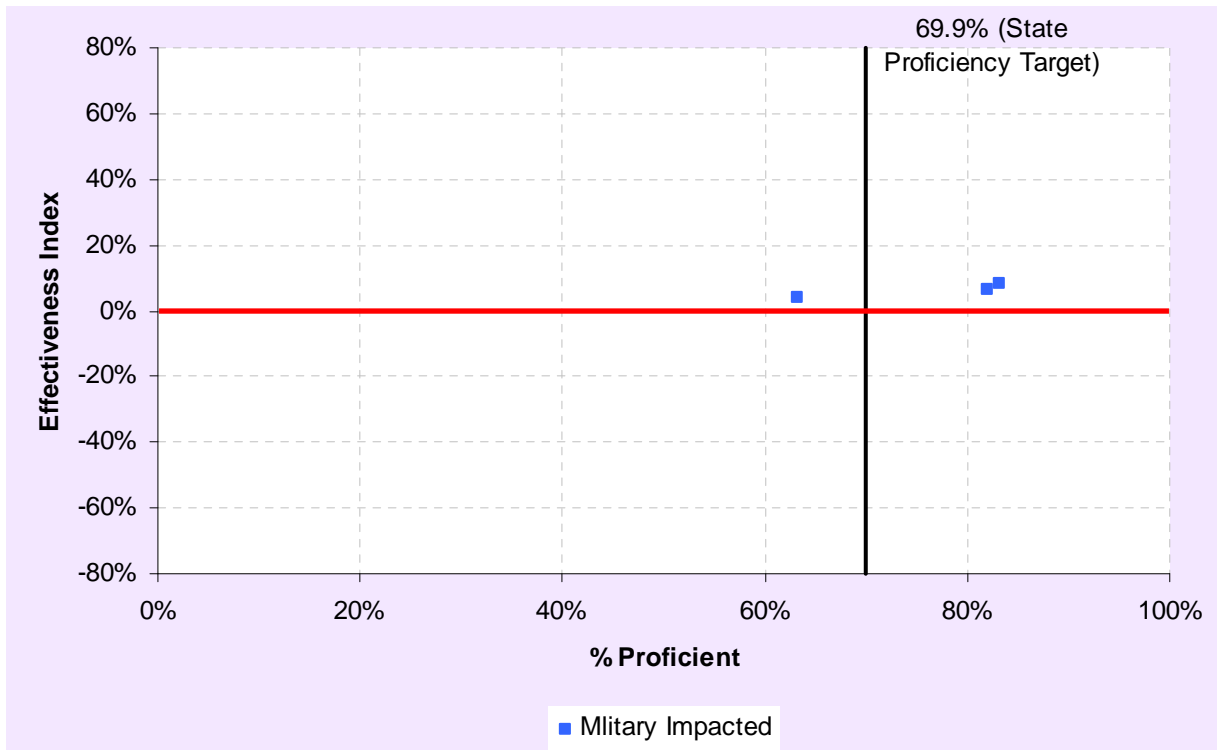
**SY 08/09 Grade 7 Reading Performance, All Middle Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Nicholas J. Begich Middle School	71.3%	60.8%	7.8
Romig Middle School	74.3%	55.7%	7.7
Wendler Middle School	73.7%	56.2%	7.5
Central Middle School of Science*	78.6%	46.9%	6.8
Girdwood School	94.7%	17.9%	5.5
Northern Lights ABC K-8 School	93.0%	18.5%	4.1
Steller Secondary School	98.1%	8.8%	3.4
Family Partnership Charter School	91.8%	18.2%	2.8
Highland Tech High Charter School	83.3%	30.9%	1.9
Hanshaw Middle School	80.6%	35.2%	1.7
Mears Middle School	85.7%	25.1%	0.8
Gruening Middle School*	88.6%	19.4%	0.2
Goldenview Middle School	90.4%	14.2%	-1.0
Polaris K-12 School	93.0%	8.9%	-1.6
Mirror Lake Middle School*	88.1%	14.7%	-3.0
Frontier Charter School	85.7%	13.5%	-6.2
Whaley School	42.9%	84.4%	-6.5
Winterberry School	63.6%	4.1%	-33.8

SY 08/09 Grade 10 Math Performance, All High Schools



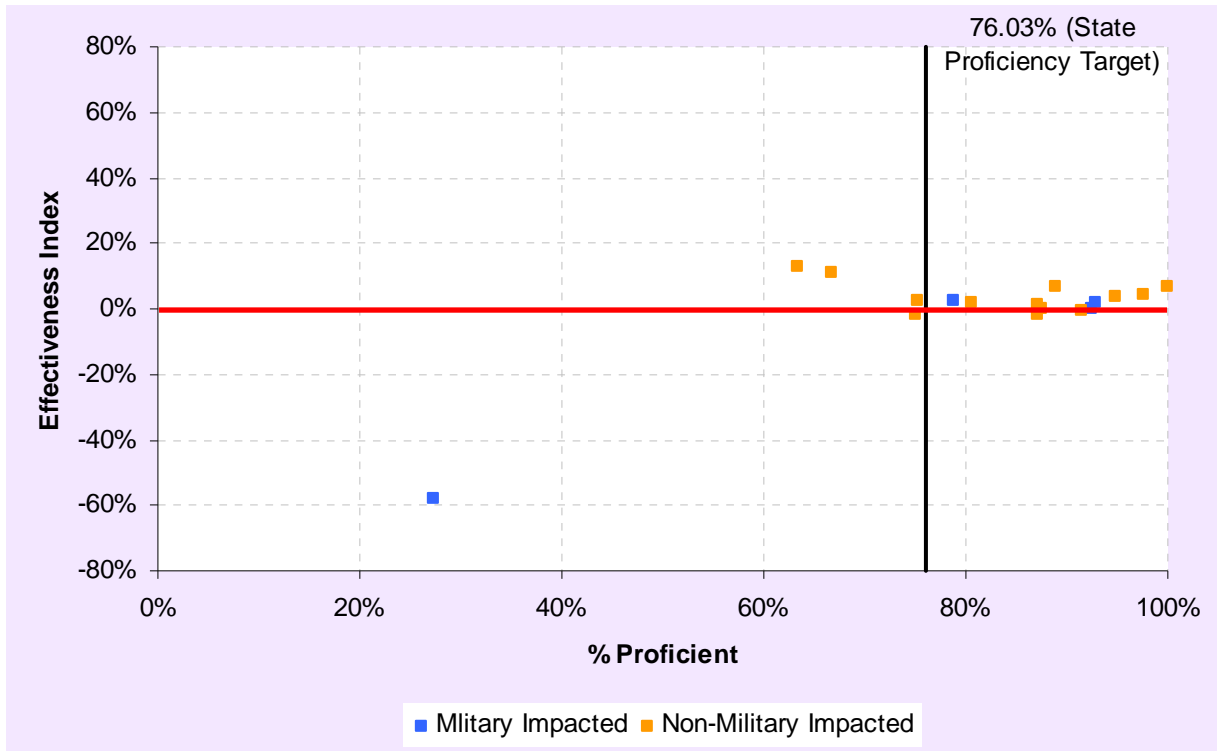
SY 08/09 Grade 10 Math Performance, All Military Impacted High Schools



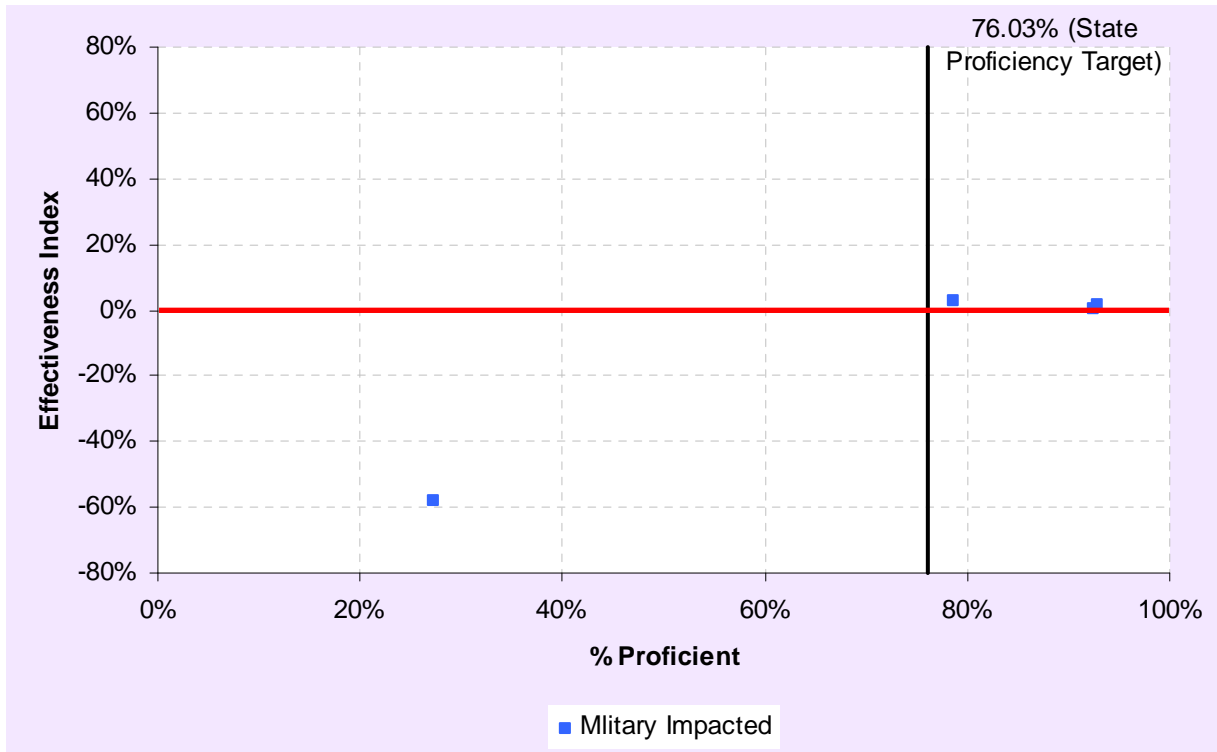
**SY 08/09 Grade 10 Math Performance, All High Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Polaris K-12 School	94.3%	8.9%	17.5
Steller Secondary School	93.0%	8.8%	16.1
Highland Tech High Charter School	73.9%	30.9%	8.3
Chugiak High School*	83.1%	12.7%	8.2
South Anchorage High School	82.9%	11.0%	7.1
Eagle River High School*	82.0%	11.0%	6.2
East High School	61.1%	49.8%	5.1
West High School	66.4%	38.8%	4.8
Service High School	73.7%	23.4%	4.2
Bartlett High School*	63.2%	43.5%	4.0
Dimond High School	72.4%	20.6%	1.6
Frontier Charter School	75.7%	13.5%	1.2
McLaughlin Secondary School	33.3%	95.3%	0.6
Whaley School	35.7%	84.4%	-2.6
Family Partnership Charter School	69.5%	18.2%	-2.6
Benson Secondary/S.E.A.R.C.H.	16.7%	41.6%	-43.5
COHO High School*	†		

SY 08/09 Grade 10 Reading Performance, All High Schools



SY 08/09 Grade 10 Reading Performance, All Military Impacted High Schools

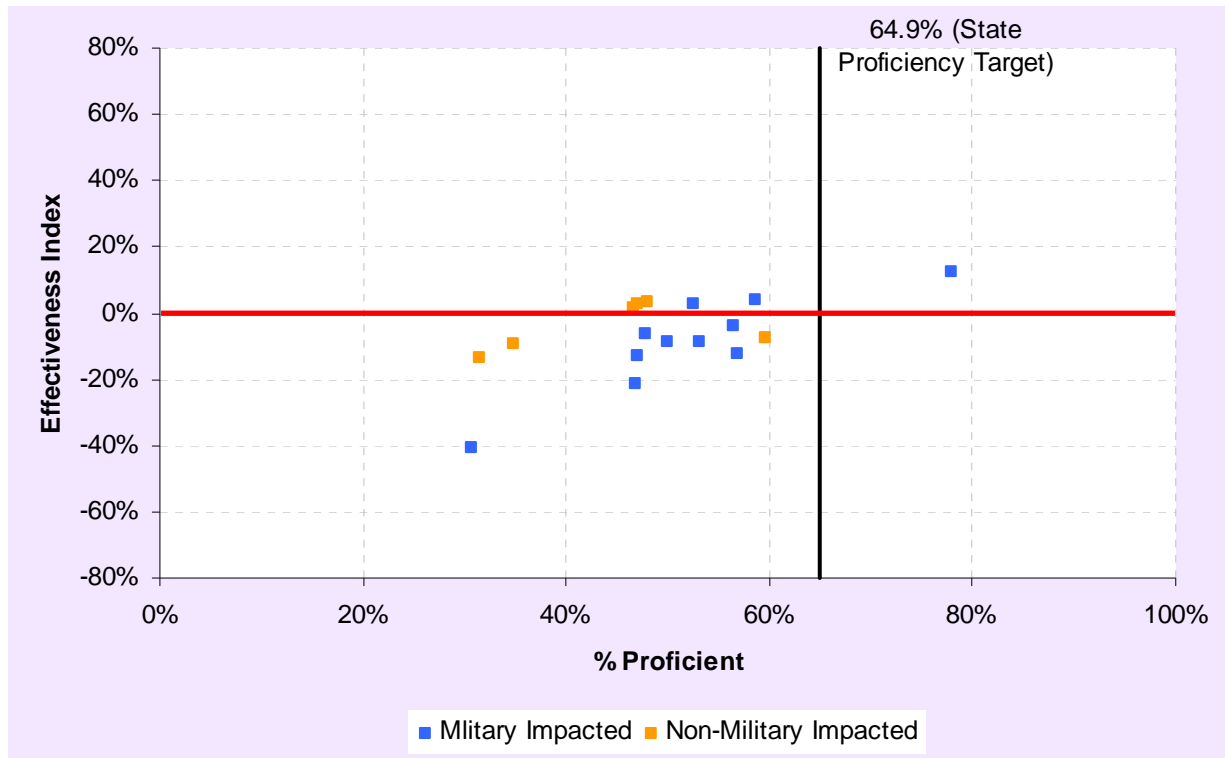


SY 08/09 Grade 10 Reading Performance, All High Schools

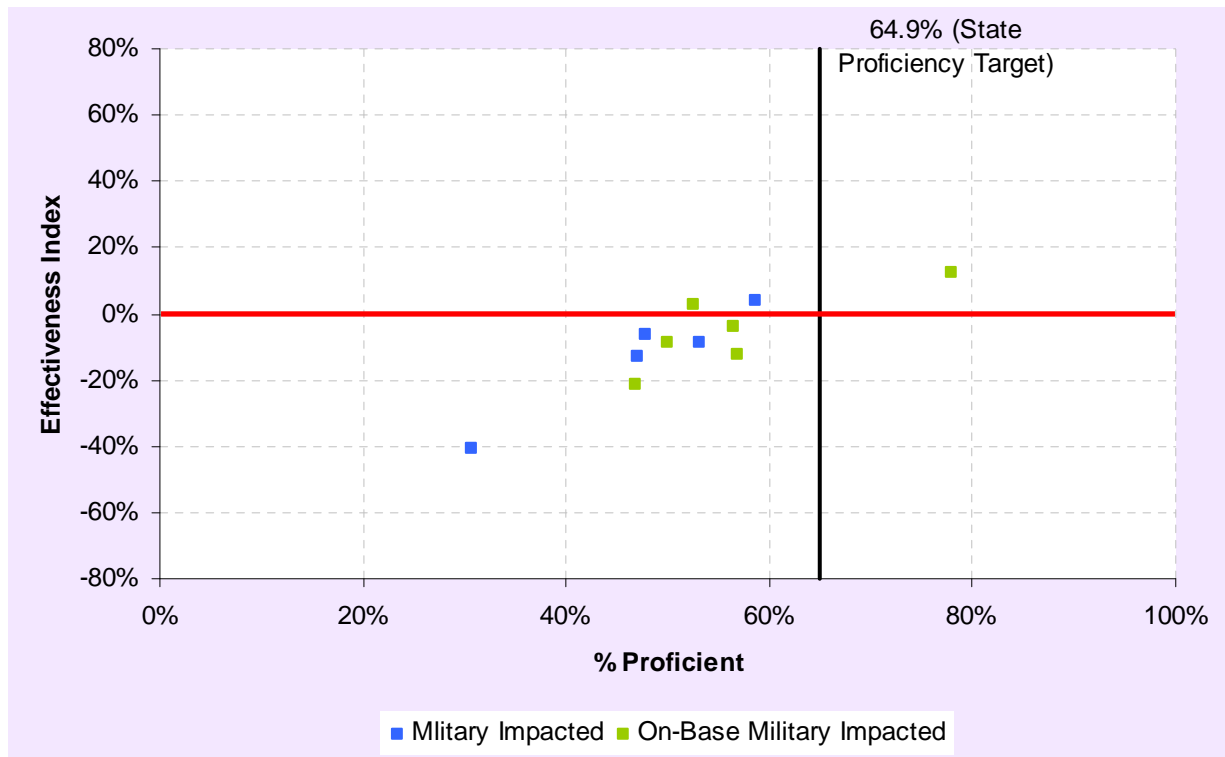
School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
McLaughlin Secondary School	63.3%	95.3%	12.8
Whaley School	66.7%	84.4%	10.7
Highland Tech High Charter School	88.9%	30.9%	6.5
Steller Secondary School	97.7%	8.8%	4.3
Frontier Charter School	94.9%	13.5%	3.8
Bartlett High School*	78.7%	43.5%	2.5
East High School	75.3%	49.8%	2.2
West High School	80.6%	38.8%	2.1
Chugiak High School*	93.0%	12.7%	1.6
Service High School	87.1%	23.4%	1.0
Eagle River High School*	92.5%	11.0%	0.2
Dimond High School	87.4%	20.6%	0.0
South Anchorage High School	91.5%	11.0%	-0.8
Family Partnership Charter School	87.0%	18.2%	-1.7
Benson Secondary/S.E.A.R.C.H.	75.0%	41.6%	-2.1
COHO High School*	27.3%	25.3%	-57.9

**Clover Park School District, Lakewood, Washington**

**SY 08/09 Grade 3 Math Performance, All Elementary Schools**



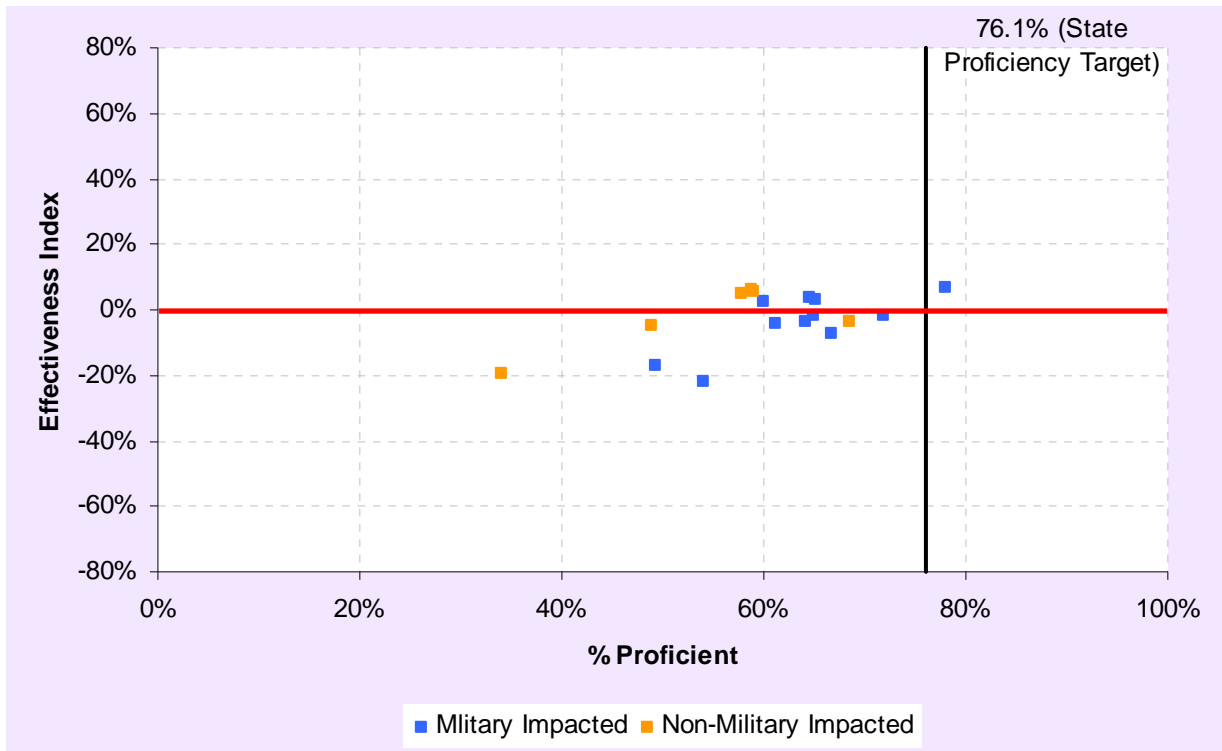
**SY 08/09 Grade 3 Math Performance, All Military Impacted Elementary Schools**



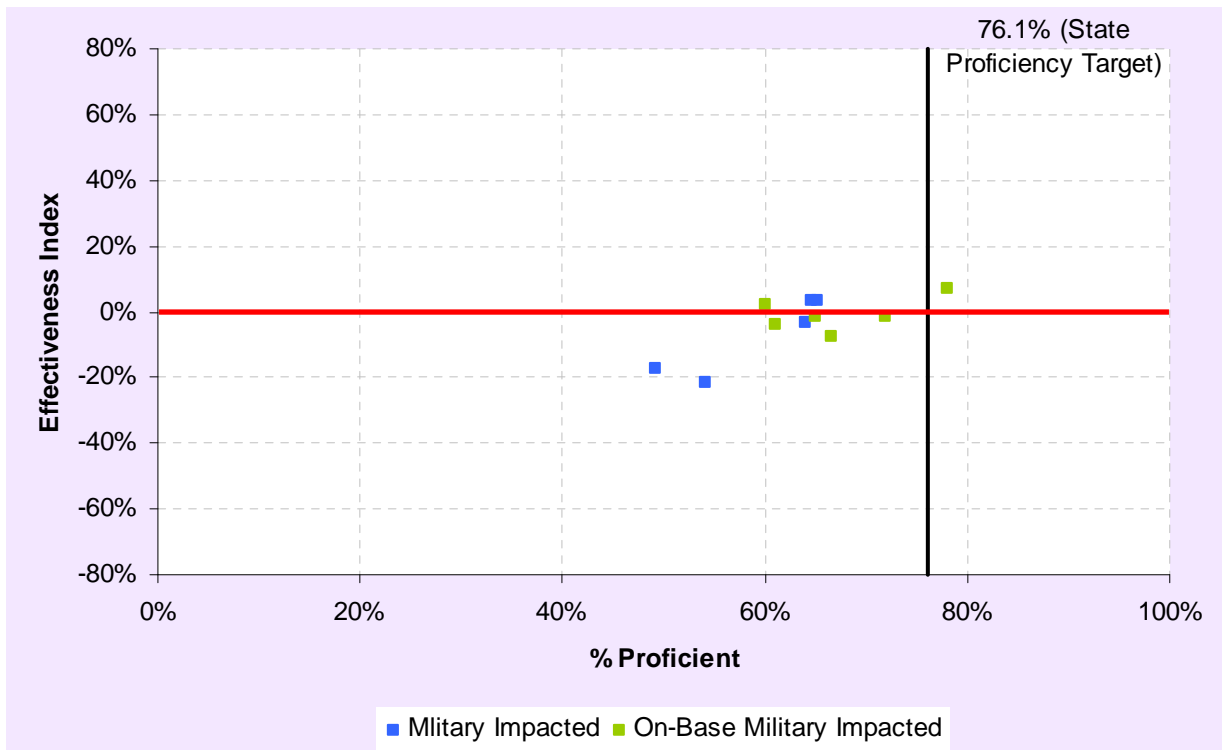
**SY 08/09 Grade 3 Math Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Clarkmoor Elementary School* <sup>∞</sup>	78.0%	47.6%	12.1
Custer Elementary School*	58.7%	70.8%	3.8
Southgate Elementary School	48.1%	91.6%	3.2
Tillicum Elementary School	47.1%	93.1%	2.9
Hillside Elementary School* <sup>∞</sup>	52.6%	81.4%	2.8
Tyee Park Elementary School	46.7%	90.9%	1.4
Evergreen Elementary School* <sup>∞</sup>	56.4%	59.3%	-3.9
Dower Elementary School*	47.9%	72.6%	-6.1
Idlewild Elementary School	59.6%	45.4%	-7.4
Park Lodge Elementary School*	53.1%	56.6%	-8.5
Greenwood Elementary School* <sup>∞</sup>	50.0%	63.0%	-8.6
Lakeview Elementary	34.9%	92.9%	-9.4
Beachwood Elementary School* <sup>∞</sup>	56.9%	41.1%	-12.1
Lake Louise Elementary School*	47.0%	59.9%	-13.1
Oakwood Elementary School	31.5%	91.0%	-13.7
Carter Lake Elementary School* <sup>∞</sup>	46.9%	42.4%	-21.6
Oakbrook Elementary School*	30.8%	36.4%	-40.6

**SY 08/09 Grade 3 Reading Performance, All Elementary Schools**



**SY 08/09 Grade 3 Reading Performance, All Military Impacted Elementary Schools**

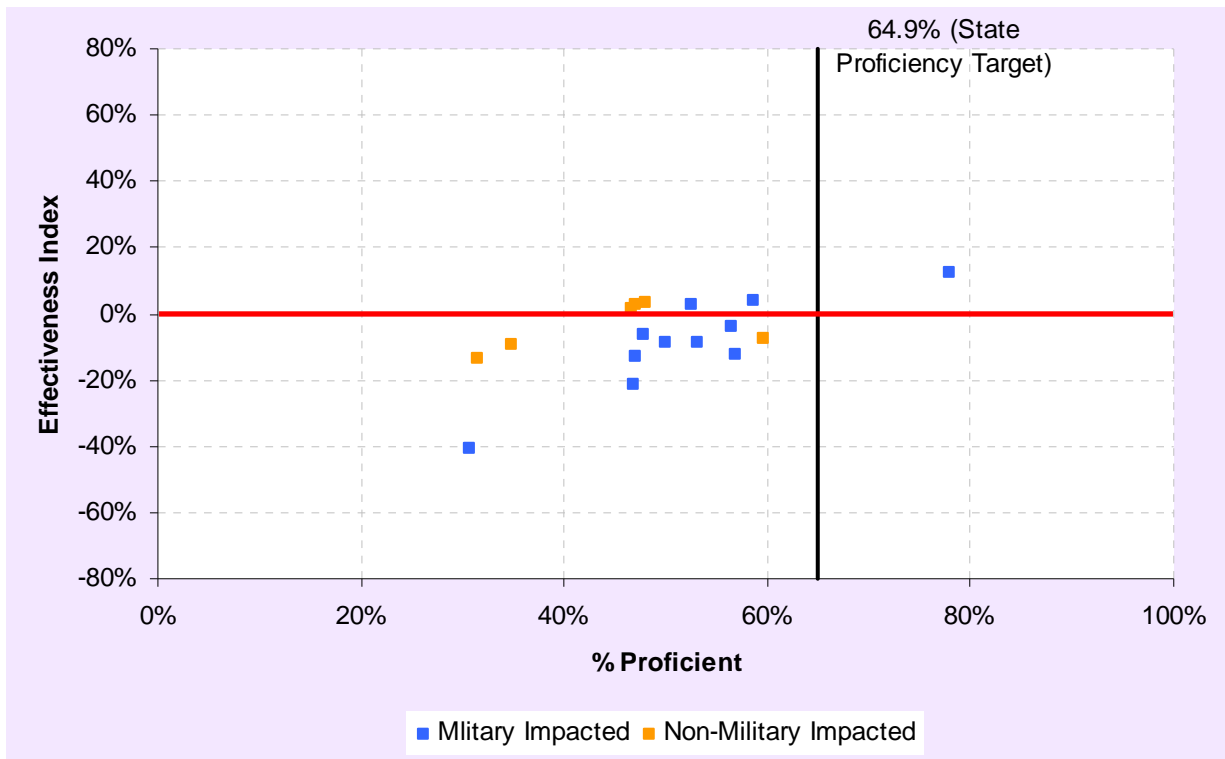




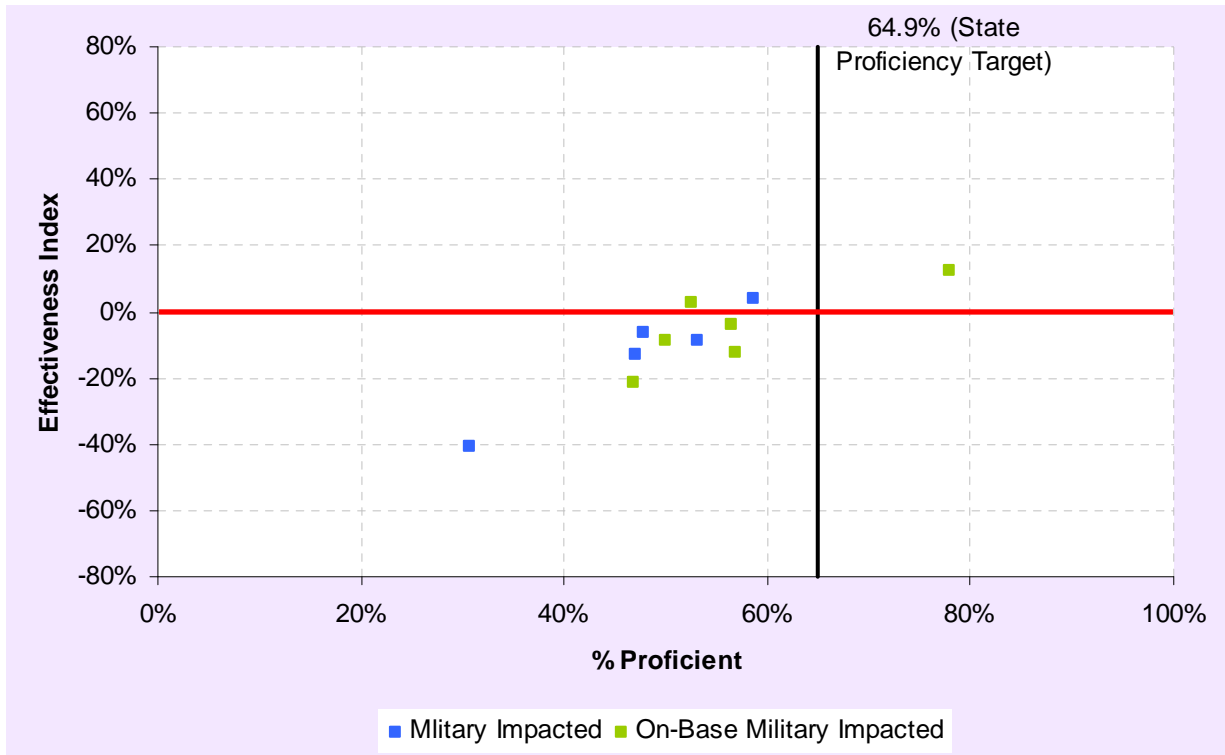
**SY 08/09 Grade 3 Reading Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Oakwood Elementary School	34.0%	91.0%	6.7
Lake Louise Elementary School*	49.3%	59.9%	6.0
Beachwood Elementary School*∞	66.7%	41.1%	5.5
Tyee Park Elementary School	48.9%	90.9%	4.9
Greenwood Elementary School*∞	61.1%	63.0%	3.4
Idlewild Elementary School	68.4%	45.4%	3.3
Park Lodge Elementary School*	64.1%	56.6%	2.4
Carter Lake Elementary School*∞	71.9%	42.4%	-1.6
Evergreen Elementary School*∞	65.0%	59.3%	-1.6
Hillside Elementary School*∞	60.0%	81.4%	-3.6
Custer Elementary School*	65.2%	70.8%	-3.8
Dower Elementary School*	64.6%	72.6%	-4.0
Lakeview Elementary	57.8%	92.9%	-4.8
Southgate Elementary School	59.0%	91.6%	-7.3
Tillicum Elementary School	58.8%	93.1%	-17.1
Clarkmoor Elementary School*∞	78.0%	47.6%	-19.7
Oakbrook Elementary School*	54.1%	36.4%	-21.9

SY 08/09 Grade 5 Math Performance, All Elementary Schools



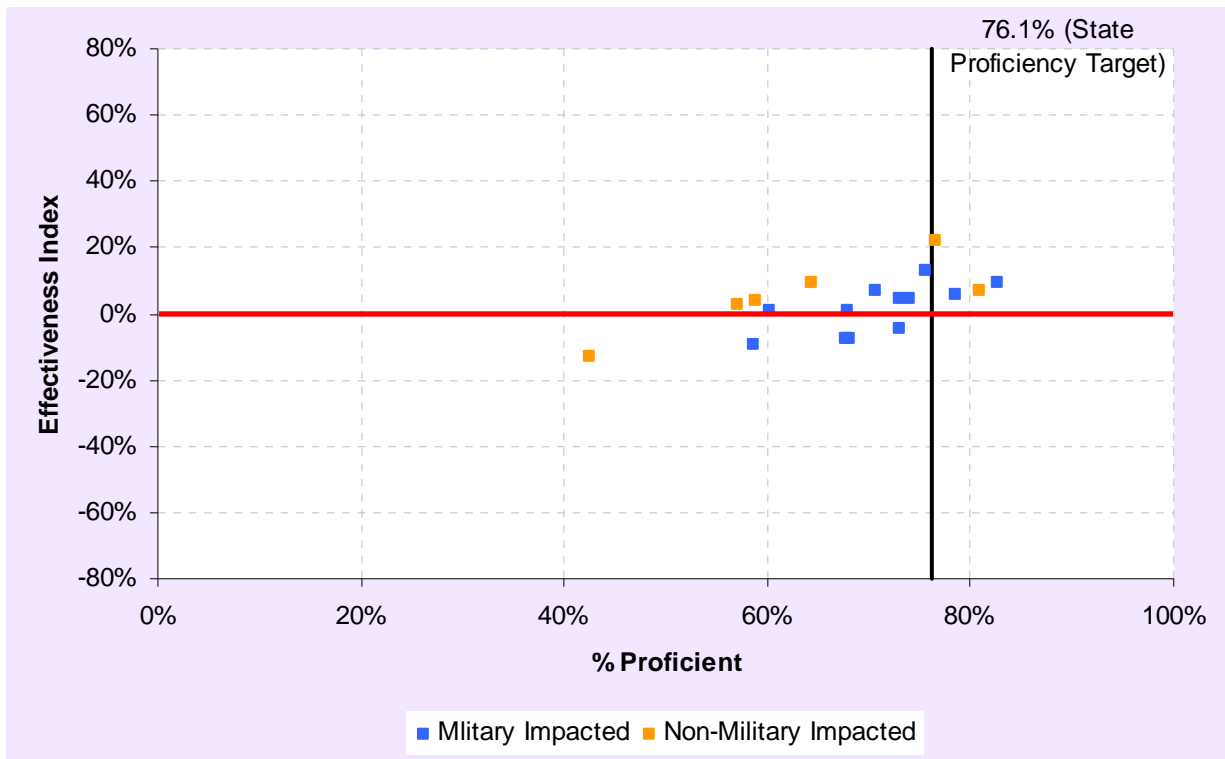
SY 08/09 Grade 5 Math Performance, All Military Impacted Elementary Schools



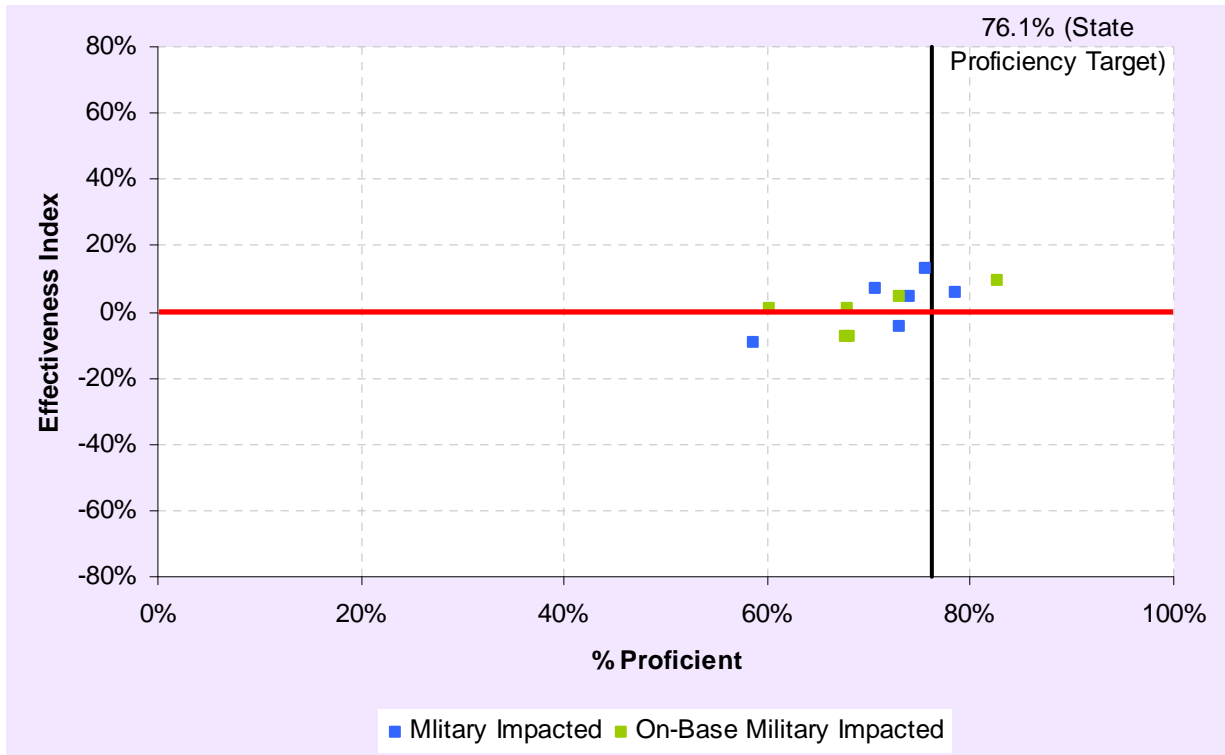
SY 08/09 Grade 5 Math Performance, All Elementary Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Park Lodge Elementary School*	74.1%	56.6%	18.1
Clarkmoor Elementary School* <sup>∞</sup>	78.3%	47.6%	17.6
Custer Elementary School*	63.4%	70.8%	14.8
Dower Elementary School*	62.2%	72.6%	14.5
Lakeview Elementary	49.2%	92.9%	12.0
Tillicum Elementary School	48.9%	93.1%	11.8
Harrison Prep School*	67.9%	47.9%	7.3
Oakwood Elementary School	45.2%	91.0%	7.1
Evergreen Elementary School* <sup>∞</sup>	57.1%	59.3%	2.6
Oakbrook Elementary School*	66.7%	36.4%	0.2
Idlewild Elementary School	61.9%	45.4%	0.1
Hillside Elementary School* <sup>∞</sup>	41.1%	81.4%	-2.1
Southgate Elementary School	35.3%	91.6%	-2.6
Greenwood Elementary School* <sup>∞</sup>	46.4%	63.0%	-6.3
Tyee Park Elementary School	27.5%	90.9%	-10.7
Lake Louise Elementary School*	41.4%	59.9%	-12.9
Carter Lake Elementary School* <sup>∞</sup>	50.0%	42.4%	-13.4
Beachwood Elementary School* <sup>∞</sup>	34.8%	41.1%	-29.1

SY 08/09 Grade 5 Reading Performance, All Elementary Schools



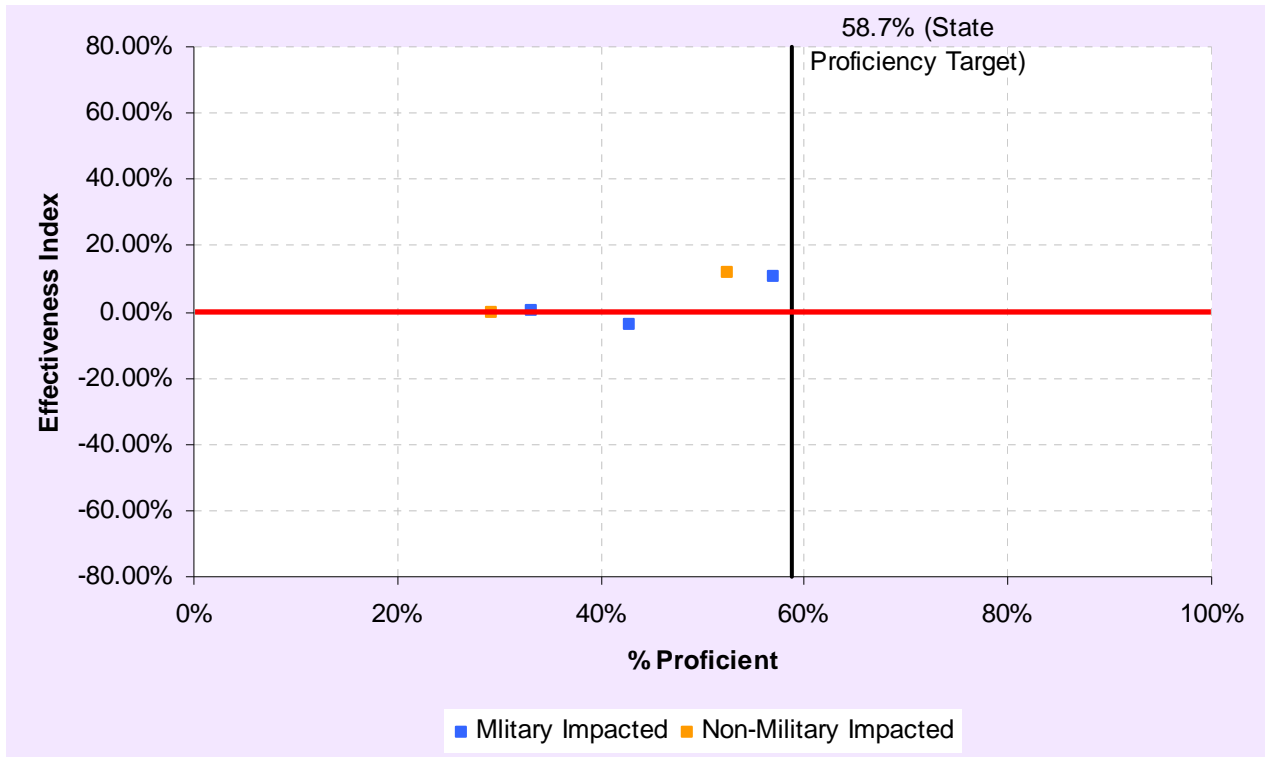
SY 08/09 Grade 5 Reading Performance, All Military Impacted Elementary Schools



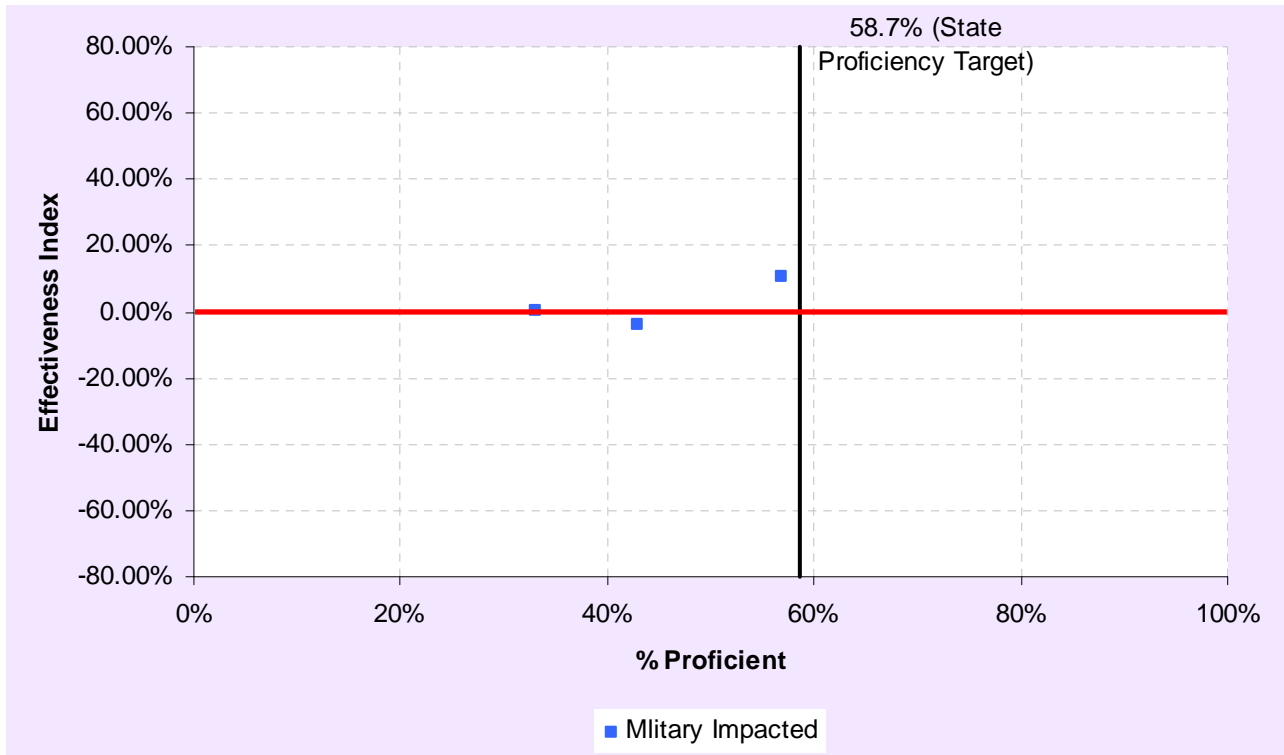
**SY 08/09 Grade 5 Reading Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Tillicum Elementary School	76.6%	93.1%	22.3
Dower Elementary School*	75.7%	72.6%	12.9
Clarkmoor Elementary School* <sup>∞</sup>	82.6%	47.6%	9.4
Oakwood Elementary School	64.3%	91.0%	9.2
Custer Elementary School*	70.7%	70.8%	7.2
Idlewild Elementary School	81.0%	45.4%	6.8
Harrison Prep School*	78.6%	47.9%	5.4
Evergreen Elementary School* <sup>∞</sup>	73.0%	59.3%	4.7
Park Lodge Elementary School*	74.1%	56.6%	4.6
Southgate Elementary School	58.8%	91.6%	3.9
Lakeview Elementary	57.1%	92.9%	2.8
Hillside Elementary School* <sup>∞</sup>	60.3%	81.4%	1.1
Greenwood Elementary School* <sup>∞</sup>	67.9%	63.0%	1.0
Oakbrook Elementary School*	73.1%	36.4%	-4.8
Beachwood Elementary School* <sup>∞</sup>	68.2%	41.1%	-7.7
Carter Lake Elementary School* <sup>∞</sup>	67.6%	42.4%	-7.8
Lake Louise Elementary School*	58.6%	59.9%	-9.5
Tyee Park Elementary School	42.5%	90.9%	-12.7

SY 08/09 Grade 8 Math Performance, All Middle Schools



SY 08/09 Grade 8 Math Performance, All Military Impacted Middle Schools

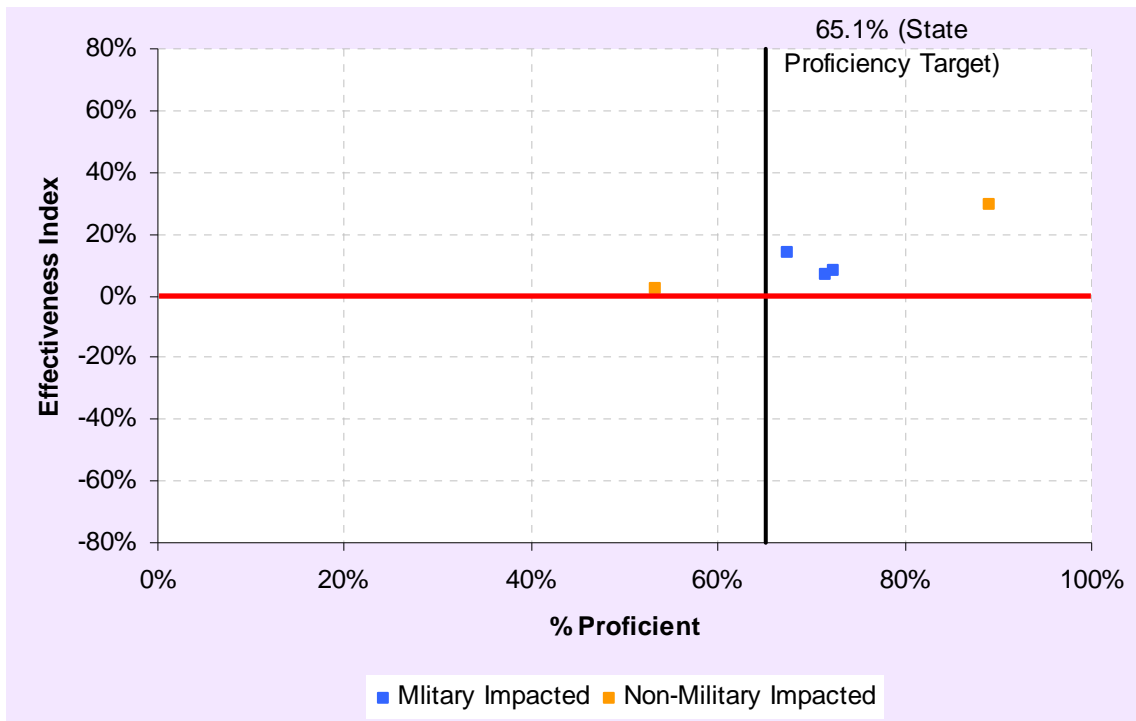


---

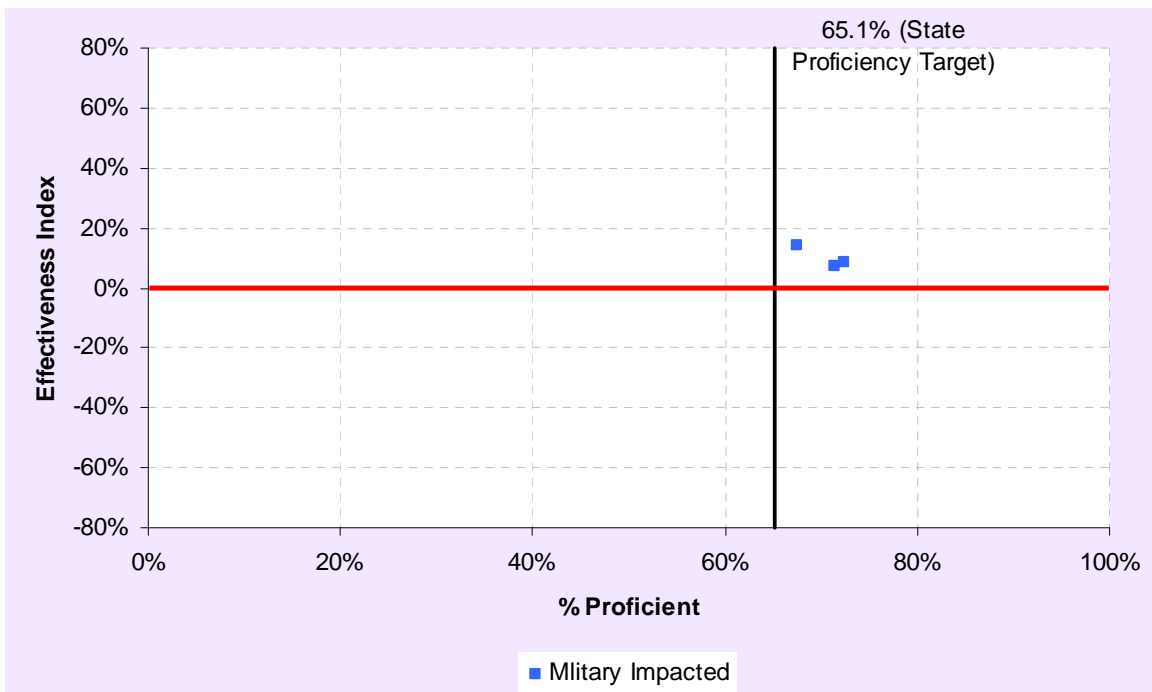
**SY 08/09 Grade 8 Math Performance, All Middle Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Hudtloff Middle School	52.4%	59.3%	11.9
Harrison Prep School*	56.9%	47.9%	10.5
Woodbrook Middle School*	33.1%	74.3%	0.4
Lochburn Middle School	29.3%	80.3%	-0.3
Mann Middle School*	42.9%	47.1%	-4.0

SY 08/09 Grade 8 Reading Performance, All Middle Schools



SY 08/09 Grade 8 Reading Performance, All Military Impacted Middle Schools



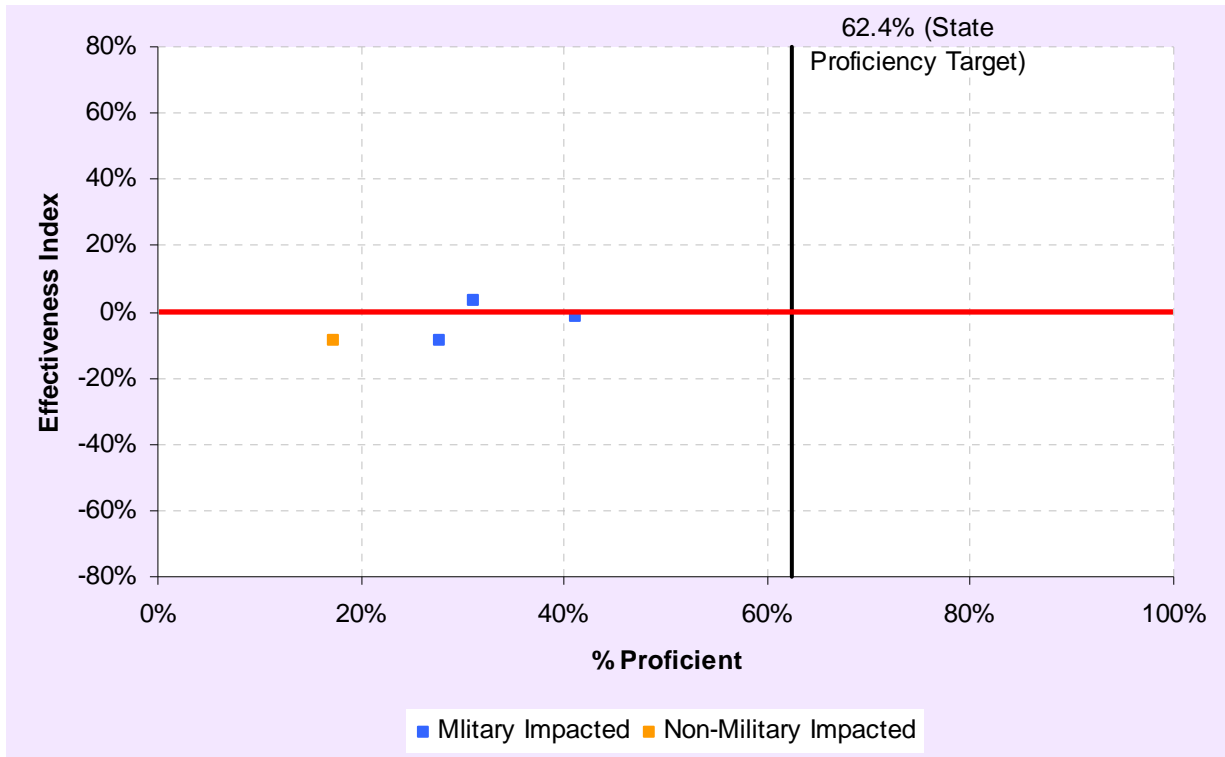


---

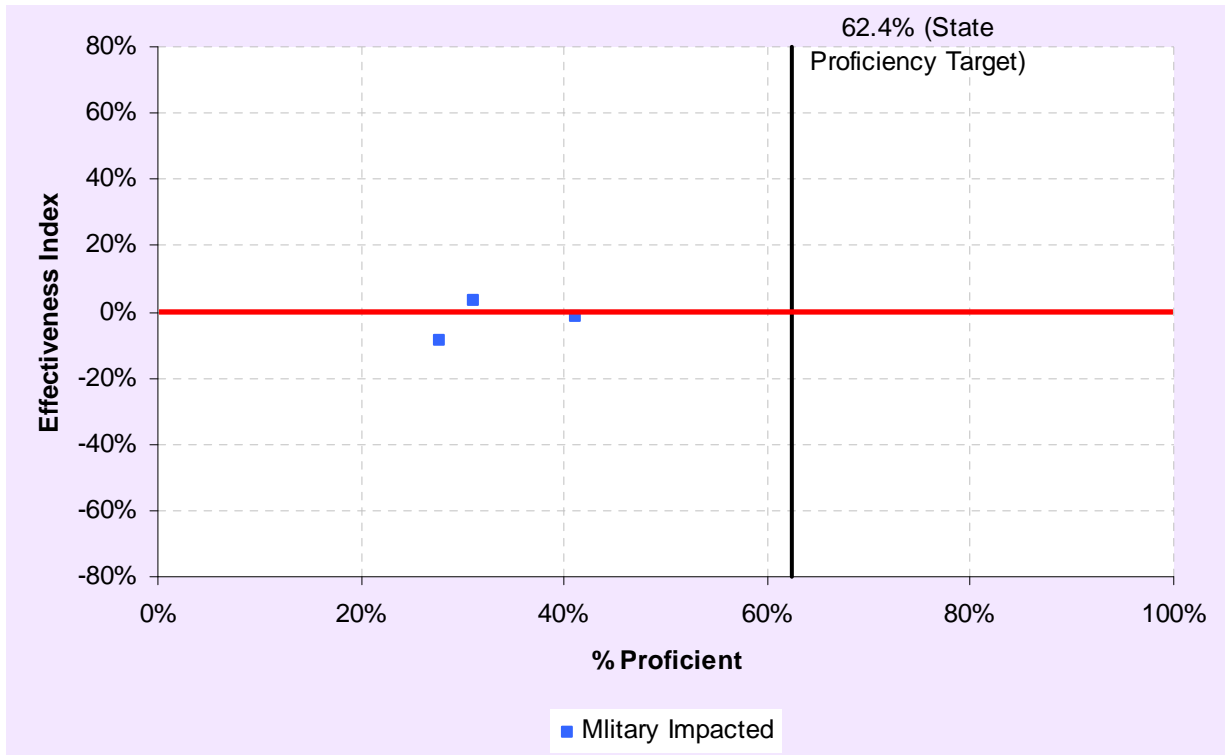
**SY 08/09 Grade 8 Reading Performance, All Middle Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Hudtloff Middle School	89.1%	59.3%	29.7
Woodbrook Middle School*	67.5%	74.3%	14.1
Harrison Prep School*	72.4%	47.9%	8.4
Mann Middle School*	71.4%	47.1%	7.1
Lochburn Middle School	53.3%	80.3%	2.4

SY 08/09 Grade 10 Math Performance, All High Schools



SY 08/09 Grade 10 Math Performance, All Military Impacted High Schools

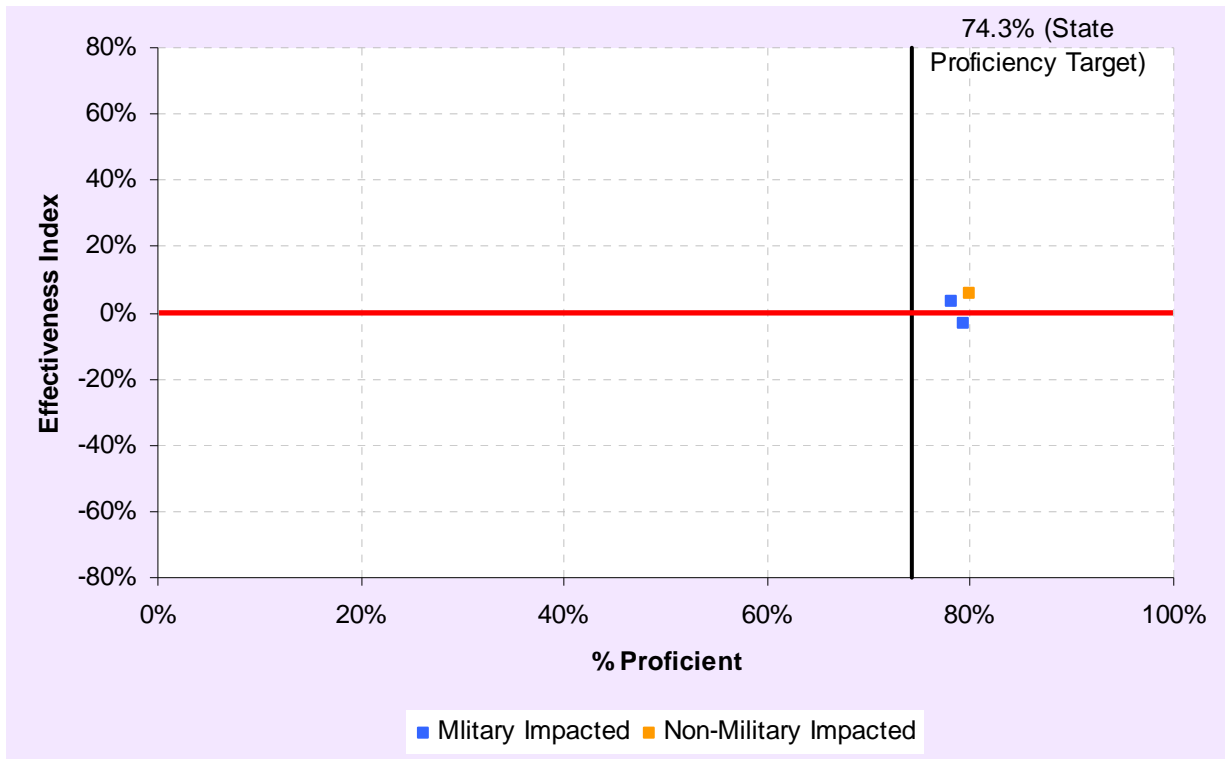


---

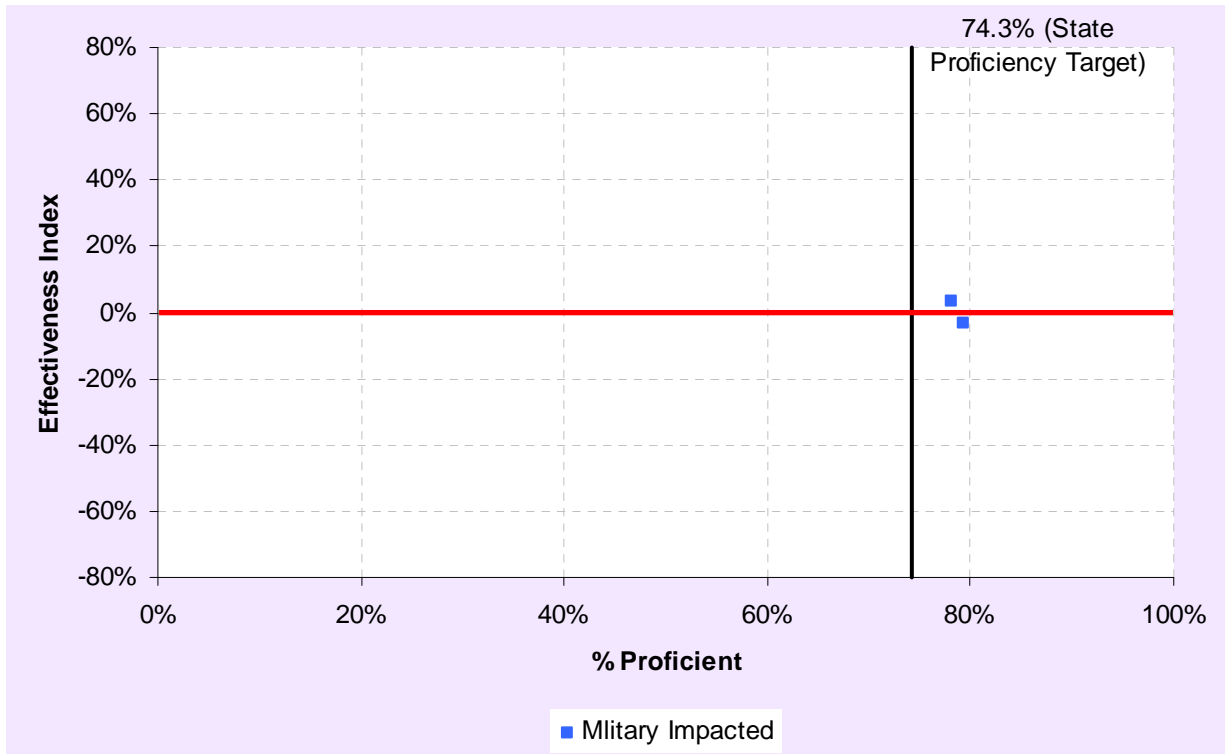
**SY 08/09 Grade 10 Math Performance, All High Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Clover Park High School*	31.0%	63.2%	3.4
Lakes High School*	41.1%	37.4%	-1.6
A-I High School	17.4%	66.2%	-8.5
Harrison Prep School*	27.8%	47.9%	-8.8

**SY 08/09 Grade 10 Reading Performance, All High Schools**



**SY 08/09 Grade 10 Reading Performance, All Military Impacted High Schools**



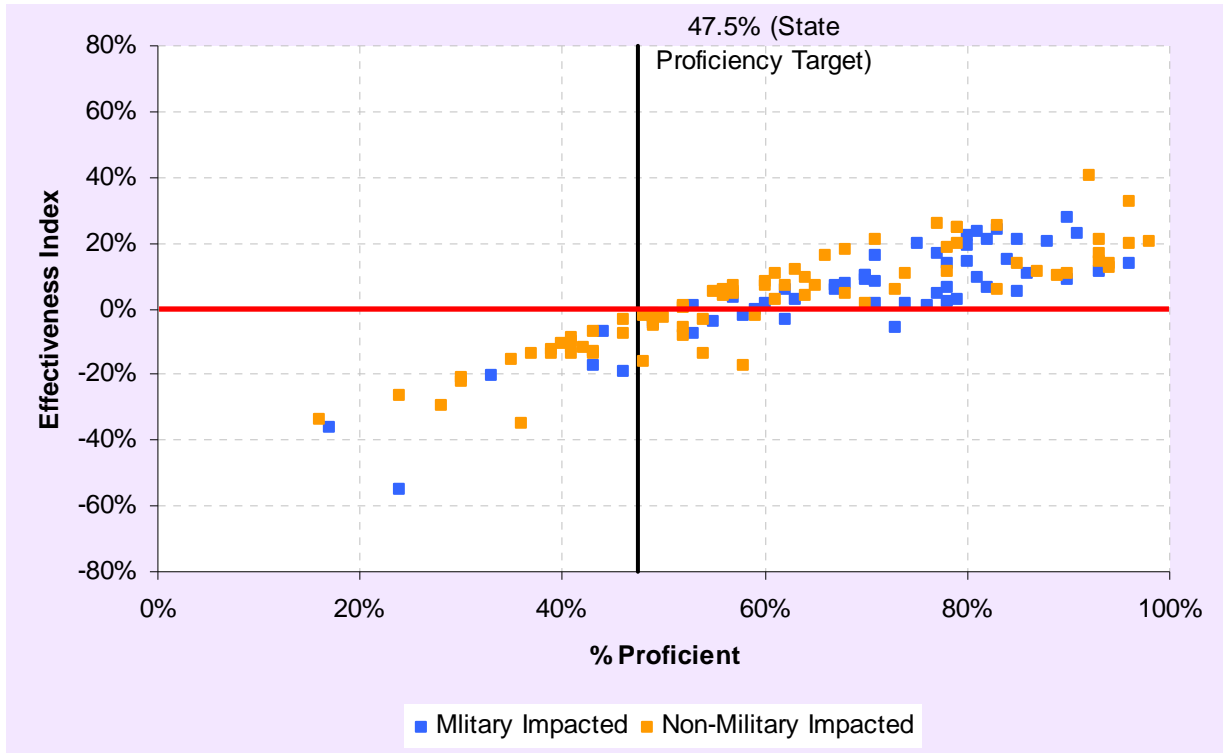
---

**SY 08/09 Grade 10 Reading Performance, All High Schools**

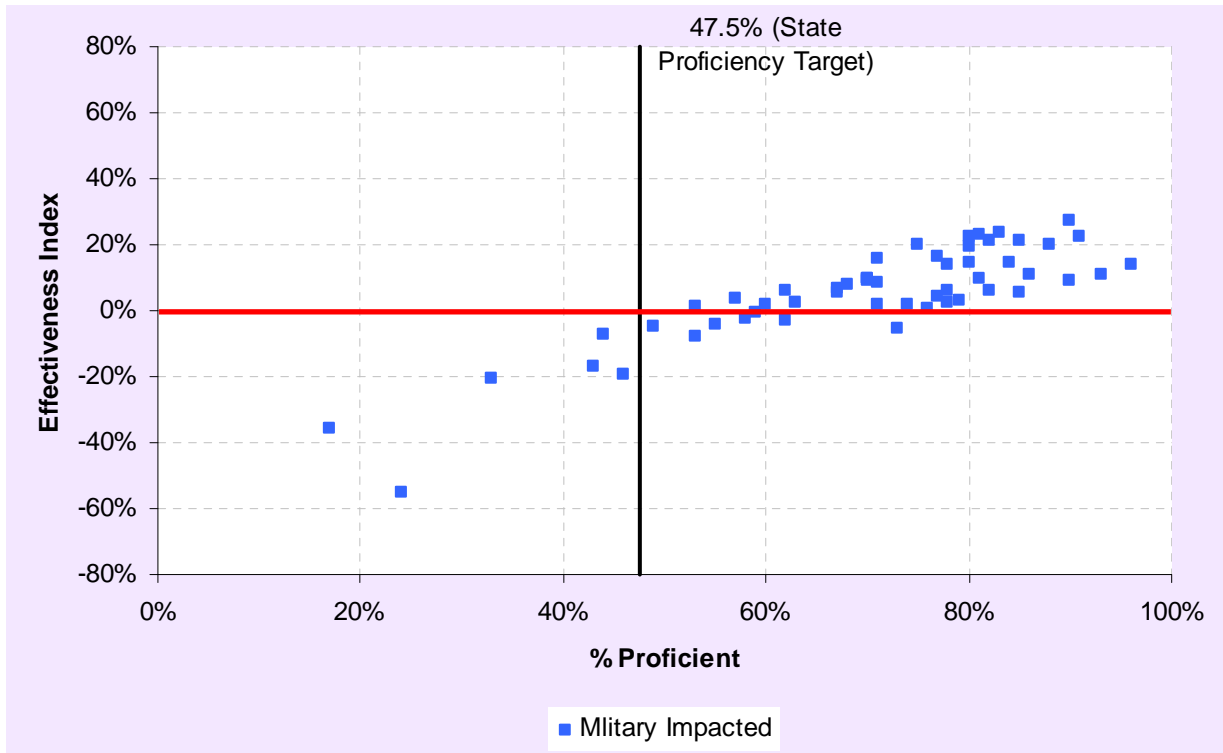
<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
A-I High School	80.0%	66.2%	5.9
Clover Park High School*	78.1%	63.2%	3.1
Lakes High School*	79.4%	37.4%	-3.2
Harrison Prep School*	†		

San Diego Unified School District, California

SY 08/09 Grade 3 Math Performance, All Elementary Schools



SY 08/09 Grade 3 Math Performance, All Military Impacted Elementary Schools



**SY 08/09 Grade 3 Math Performance, All Elementary Schools**

School Name	% Proficient	% Free or Reduced	
		Lunch	Effectiveness Index
Logan Elementary	92.0%	95.0%	40.7
Hardy Elementary	96.0%	59.1%	32.4
Fletcher Elementary*	90.0%	62.4%	27.5
Baker Elementary	77.0%	96.1%	26.0
Florence Elementary	83.0%	77.1%	25.5
Franklin Elementary	79.0%	86.1%	24.6
Darnall E-Charter	79.0%	85.6%	24.5
Juarez Elementary*	83.0%	72.1%	23.8
Perry Elementary*	81.0%	76.1%	23.2
Ericson Elementary*	91.0%	45.3%	22.7
Penn Elementary*	80.0%	76.0%	22.2
Crown Point Elementary*	82.0%	67.4%	21.2
Euclid Elementary	71.0%	99.1%	21.1
Mason Elementary*	85.0%	58.0%	21.0
Green Elementary	93.0%	34.1%	20.8
Doyle Elementary*	88.0%	47.0%	20.2
Torrey Pines Elementary	98.0%	17.3%	20.1
Paradise Hills Elementary*	75.0%	84.4%	20.0
Birney Elementary	79.0%	72.2%	19.9
Benchley/Weinberger Elementary	96.0%	22.0%	19.7
Cubberley Elementary*	80.0%	67.2%	19.2
McKinley Elementary	78.0%	72.0%	18.8
Edison Elementary	68.0%	99.1%	18.1
Hearst Elementary	93.0%	22.0%	16.7
Lindbergh/Schweitzer Elementary*	77.0%	68.4%	16.6
Promise Charter	66.0%	100.0%	16.4
Field Elementary*	71.0%	84.1%	16.0
Hickman Elementary*	84.0%	42.9%	14.8
Curie Elementary	93.0%	15.0%	14.3
Vista Grande Elementary*	80.0%	52.9%	14.3
Scripps Elementary*	96.0%	5.2%	13.9
Bay Park Elementary	85.0%	37.0%	13.8
Jones Elementary*	78.0%	57.1%	13.7
Explorer Elementary	94.0%	10.0%	13.6
Bird Rock Elementary	94.0%	7.1%	12.6
Normal Heights Elementary	63.0%	94.9%	11.6
Pacific Beach Elementary	78.0%	50.5%	11.4
Einstein Academy	87.0%	23.7%	11.3
Jerabek Elementary*	93.0%	6.1%	11.2
Grant Elementary*	86.0%	25.4%	10.8
Fay Elementary	61.0%	98.0%	10.7
Ocean Beach Elementary	74.0%	59.2%	10.4
La Jolla Elementary	90.0%	12.3%	10.4
Sunset View Elementary	89.0%	14.9%	10.3
Wegeforth Elementary*	70.0%	69.3%	9.9
Zamorano Elementary*	70.0%	69.3%	9.9
Sandburg Elementary*	81.0%	36.0%	9.5
Oak Park Elementary	64.0%	85.0%	9.3

**SY 08/09 Grade 3 Math Performance, All Elementary Schools (Continued)**

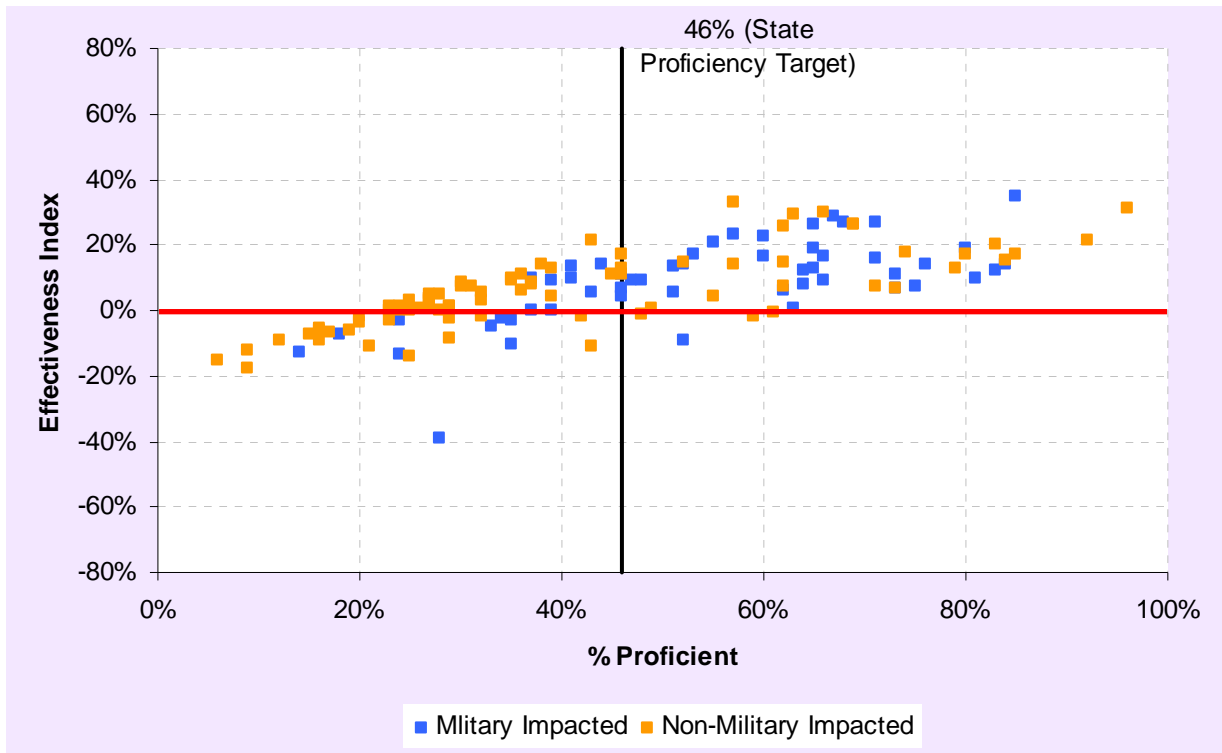
School Name	% Proficient	% Free or Reduced	
		Lunch	Effectiveness Index
Walker Elementary*	70.0%	67.1%	9.1
Dingeman Elementary*	90.0%	8.1%	8.9
Chesterton Elementary*	71.0%	61.9%	8.4
Joyner Elementary	60.0%	93.0%	8.0
Dewey Elementary*	68.0%	68.9%	7.7
Kimbrough Elementary	57.0%	99.0%	7.1
Ross Elementary	62.0%	84.2%	7.0
Audubon Elementary	60.0%	90.0%	7.0
Lee Elementary	65.0%	75.1%	6.8
Hancock Elementary*	67.0%	69.1%	6.8
Hage Elementary*	78.0%	35.0%	6.1
Dailard Elementary*	82.0%	23.4%	6.1
Rosa Parks Elementary	56.0%	99.0%	6.1
Boone Elementary*	62.0%	81.4%	6.0
Longfellow	73.0%	49.1%	5.9
Holmes Elementary	83.0%	19.4%	5.8
Miller Elementary*	67.0%	66.0%	5.7
King/Chavez Academy	55.0%	100.0%	5.4
Miramar Ranch Elementary*	85.0%	12.0%	5.2
Perkins Elementary	57.0%	93.1%	5.0
Johnson Elementary	57.0%	92.1%	4.7
Tierrasanta Elementary*	77.0%	33.2%	4.5
Foster Elementary	68.0%	59.0%	4.3
Webster Elementary	56.0%	93.4%	4.1
Hawthorne Elementary	64.0%	69.9%	4.1
Rowan Elementary*	57.0%	88.9%	3.6
Sessions Elementary*	79.0%	22.4%	2.8
Bethune Elementary*	63.0%	68.3%	2.5
Whitman Elementary	61.0%	73.9%	2.5
Silver Gate Elementary*	78.0%	23.3%	2.1
Loma Portal Elementary*	74.0%	33.9%	1.7
Angier Elementary*	60.0%	74.4%	1.6
Marvin Elementary*	71.0%	42.1%	1.5
Spreckels Elementary	70.0%	44.4%	1.4
Chollas/Mead Elementary*	53.0%	93.0%	1.0
Museum*	76.0%	25.0%	0.7
Balboa Elementary	52.0%	95.0%	0.7
Porter Elementary	52.0%	93.1%	0.0
Cabrillo Elementary*	59.0%	70.8%	-0.6
Hamilton Elementary	49.0%	97.0%	-1.6
Central Elementary	48.0%	99.0%	-1.9
Cherokee Point Elementary	49.0%	96.1%	-2.0
Ibarra Elementary	49.0%	96.0%	-2.0
Barnard Elementary*	58.0%	69.0%	-2.2
Sequoia Elementary	59.0%	66.1%	-2.2
Garfield Elementary	50.0%	90.4%	-2.9
Horton Elementary	49.0%	93.0%	-3.0
Harriet Tubman Village Charter	54.0%	78.0%	-3.1



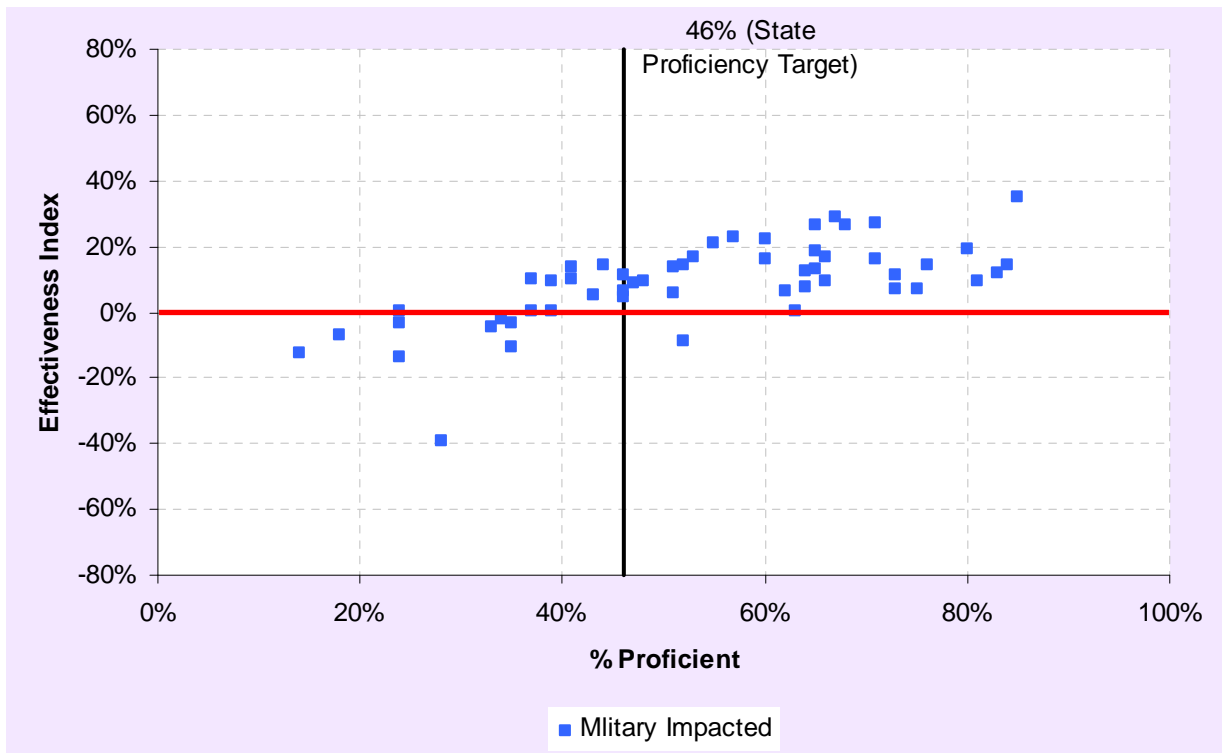
**SY 08/09 Grade 3 Math Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Language Academy*	62.0%	54.5%	-3.2
King/Chavez Athletics Academy	46.0%	100.0%	-3.6
Carson Elementary	49.0%	90.1%	-4.0
Nye Elementary*	55.0%	72.1%	-4.2
Valencia Park Elementary*	49.0%	88.5%	-4.6
Encanto Elementary	49.0%	87.0%	-5.1
Kumeyaay Elementary*	73.0%	15.0%	-5.7
Cadman Elementary	52.0%	76.1%	-5.8
Linda Vista Elementary*	44.0%	95.9%	-7.0
Rodriguez Elementary	43.0%	98.1%	-7.3
John Muir*	53.0%	68.0%	-7.6
Freese Elementary	46.0%	88.2%	-7.6
Lafayette Elementary	52.0%	69.4%	-8.1
Holly Drive Leadership Academy	41.0%	100.0%	-8.6
Golden Hill Elementary	41.0%	95.1%	-10.3
Knox Elementary	40.0%	97.1%	-10.6
Jefferson Elementary	42.0%	87.5%	-11.9
Fulton Elementary	41.0%	90.0%	-12.0
Chavez Elementary	39.0%	95.0%	-12.3
Adams Elementary	43.0%	80.9%	-13.2
Washington Elementary	43.0%	79.9%	-13.5
Emerson/Bandini Elementary	39.0%	91.1%	-13.7
Clay Elementary	41.0%	85.1%	-13.7
Gage Elementary	54.0%	46.9%	-13.8
Marshall Elementary	37.0%	96.0%	-14.0
Burbank Elementary	35.0%	97.1%	-15.6
Toler Elementary	48.0%	57.1%	-16.3
Nubia Leadership Academy*	43.0%	69.5%	-17.1
San Diego Cooperative Charter	58.0%	25.5%	-17.1
Alcott Elementary*	46.0%	54.0%	-19.4
Bayview Terrace Elementary*	33.0%	89.0%	-20.4
IFTIN Charter	30.0%	96.6%	-20.8
North Park Elementary	30.0%	92.7%	-22.1
Sherman Elementary	24.0%	98.1%	-26.3
Rolando Park Elementary	28.0%	76.3%	-29.7
King/Chavez Arts Academy	16.0%	100.0%	-33.6
Learning Choice Academy	36.0%	38.0%	-34.8
Carver Elementary*	17.0%	90.2%	-36.0
Mt. Everest Academy*	24.0%	13.4%	-55.3

**SY 08/09 Grade 3 Reading Performance, All Elementary Schools**



**SY 08/09 Grade 3 Reading Performance, All Military Impacted Elementary Schools**



**SY 08/09 Grade 3 Reading Performance, All Elementary Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Ericson Elementary*	85.0%	45.3%	34.7
Logan Elementary	57.0%	95.0%	33.0
Torrey Pines Elementary	96.0%	17.3%	30.9
Birney Elementary	66.0%	72.2%	30.0
Florence Elementary	63.0%	77.1%	29.5
Lindbergh/Schweitzer Elementary*	67.0%	68.4%	28.9
Jones Elementary*	71.0%	57.1%	27.0
Fletcher Elementary*	68.0%	62.4%	26.7
Cubberley Elementary*	65.0%	67.2%	26.3
Ocean Beach Elementary	69.0%	59.2%	26.0
Hardy Elementary	69.0%	59.1%	26.0
McKinley Elementary	62.0%	72.0%	25.8
Perry Elementary*	57.0%	76.1%	23.0
Wegeforth Elementary*	60.0%	69.3%	22.4
Bird Rock Elementary	92.0%	7.1%	21.5
Euclid Elementary	43.0%	99.1%	21.1
Penn Elementary*	55.0%	76.0%	21.0
Hearst Elementary	83.0%	22.0%	20.4
Grant Elementary*	80.0%	25.4%	19.2
Vista Grande Elementary*	65.0%	52.9%	18.8
Green Elementary	74.0%	34.1%	17.8
Benchley/Weinberger Elementary	80.0%	22.0%	17.4
La Jolla Elementary	85.0%	12.3%	17.3
Darnall E-Charter	46.0%	85.6%	17.0
Juarez Elementary*	53.0%	72.1%	16.9
Doyle Elementary*	66.0%	47.0%	16.6
Mason Elementary*	60.0%	58.0%	16.4
Sandburg Elementary*	71.0%	36.0%	15.8
Explorer Elementary	84.0%	10.0%	15.1
Hawthorne Elementary	52.0%	69.9%	14.7
Pacific Beach Elementary	62.0%	50.5%	14.4
Field Elementary*	44.0%	84.1%	14.2
Dewey Elementary*	52.0%	68.9%	14.2
Silver Gate Elementary*	76.0%	23.3%	14.1
Dingeman Elementary*	84.0%	8.1%	14.1
Foster Elementary	57.0%	59.0%	13.9
Normal Heights Elementary	38.0%	94.9%	13.9
Valencia Park Elementary*	41.0%	88.5%	13.5
Zamorano Elementary*	51.0%	69.3%	13.4
Marvin Elementary*	65.0%	42.1%	13.0
Harriet Tubman Village Charter	46.0%	78.0%	13.0
Curie Elementary	79.0%	15.0%	12.7
Garfield Elementary	39.0%	90.4%	12.5
Hickman Elementary*	64.0%	42.9%	12.5
Jerabek Elementary*	83.0%	6.1%	12.0
Webster Elementary	36.0%	93.4%	11.1
Dailard Elementary*	73.0%	23.4%	11.1
Angier Elementary*	46.0%	74.4%	11.1

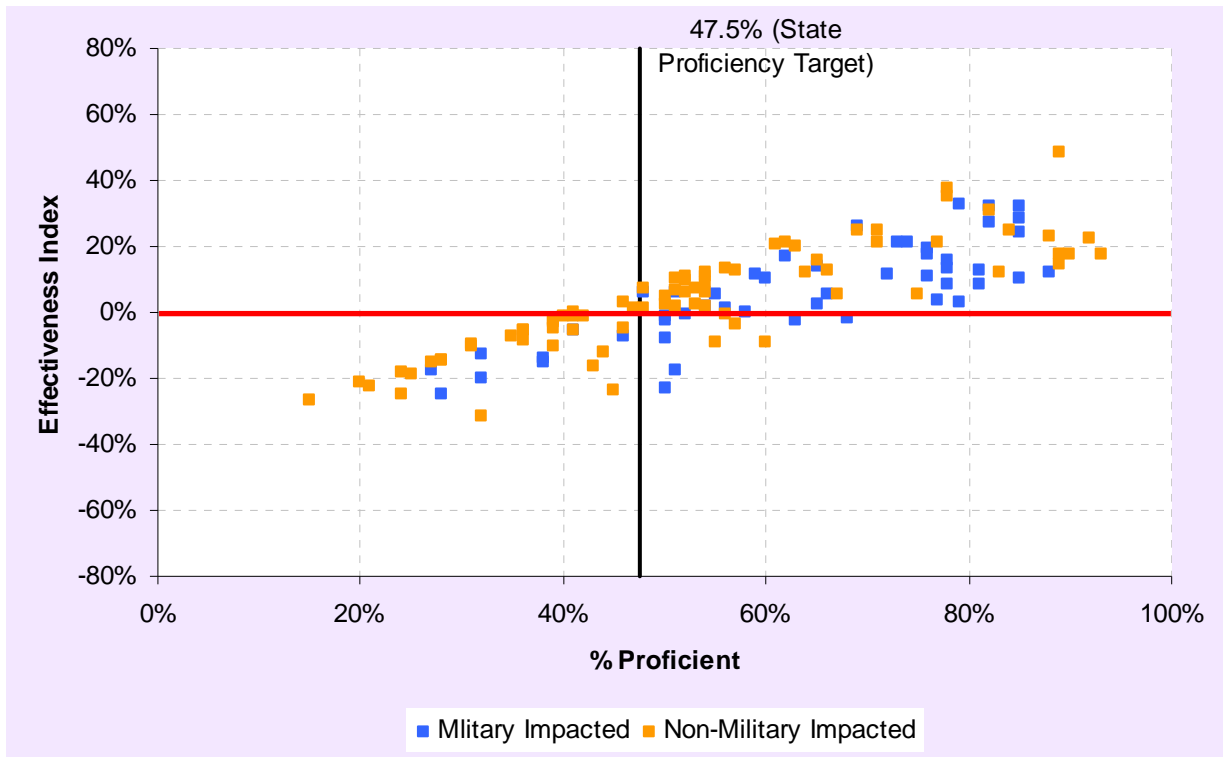
**SY 08/09 Grade 3 Reading Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Cadman Elementary	45.0%	76.1%	11.0
Whitman Elementary	46.0%	73.9%	10.9
Joyner Elementary	35.0%	93.0%	9.9
Boone Elementary*	41.0%	81.4%	9.8
Rowan Elementary*	37.0%	88.9%	9.8
Scripps Elementary*	81.0%	5.2%	9.5
Johnson Elementary	35.0%	92.1%	9.5
Crown Point Elementary*	48.0%	67.4%	9.4
Paradise Hills Elementary*	39.0%	84.4%	9.4
Tierrasanta Elementary*	66.0%	33.2%	9.3
Bethune Elementary*	47.0%	68.3%	8.9
King/Chavez Academy	30.0%	100.0%	8.6
Franklin Elementary	37.0%	86.1%	8.3
Oak Park Elementary	37.0%	85.0%	7.7
Loma Portal Elementary*	64.0%	33.9%	7.7
Fay Elementary	30.0%	98.0%	7.6
Cherokee Point Elementary	31.0%	96.1%	7.6
Bay Park Elementary	62.0%	37.0%	7.3
Miramar Ranch Elementary*	75.0%	12.0%	7.1
Holmes Elementary	71.0%	19.4%	7.1
Kumeyaay Elementary*	73.0%	15.0%	6.7
Sunset View Elementary	73.0%	14.9%	6.7
Miller Elementary*	46.0%	66.0%	6.7
Ross Elementary	36.0%	84.2%	6.3
Hage Elementary*	62.0%	35.0%	6.3
Language Academy*	51.0%	54.5%	5.6
Fulton Elementary	32.0%	90.0%	5.4
Hancock Elementary*	43.0%	69.1%	5.3
Edison Elementary	27.0%	99.1%	5.1
Knox Elementary	28.0%	97.1%	5.1
Chesterton Elementary*	46.0%	61.9%	4.5
Lee Elementary	39.0%	75.1%	4.4
Spreckels Elementary	55.0%	44.4%	4.3
Baker Elementary	27.0%	96.1%	3.5
Ibarra Elementary	27.0%	96.0%	3.5
Rosa Parks Elementary	25.0%	99.0%	3.1
Balboa Elementary	27.0%	95.0%	3.0
Clay Elementary	32.0%	85.1%	2.8
Freese Elementary	29.0%	88.2%	1.4
Kimbrough Elementary	23.0%	99.0%	1.1
Hamilton Elementary	24.0%	97.0%	1.1
Jefferson Elementary	29.0%	87.5%	1.0
IFTIN Charter	24.0%	96.6%	0.8
North Park Elementary	26.0%	92.7%	0.8
Longfellow	49.0%	49.1%	0.7
Sessions Elementary*	63.0%	22.4%	0.6

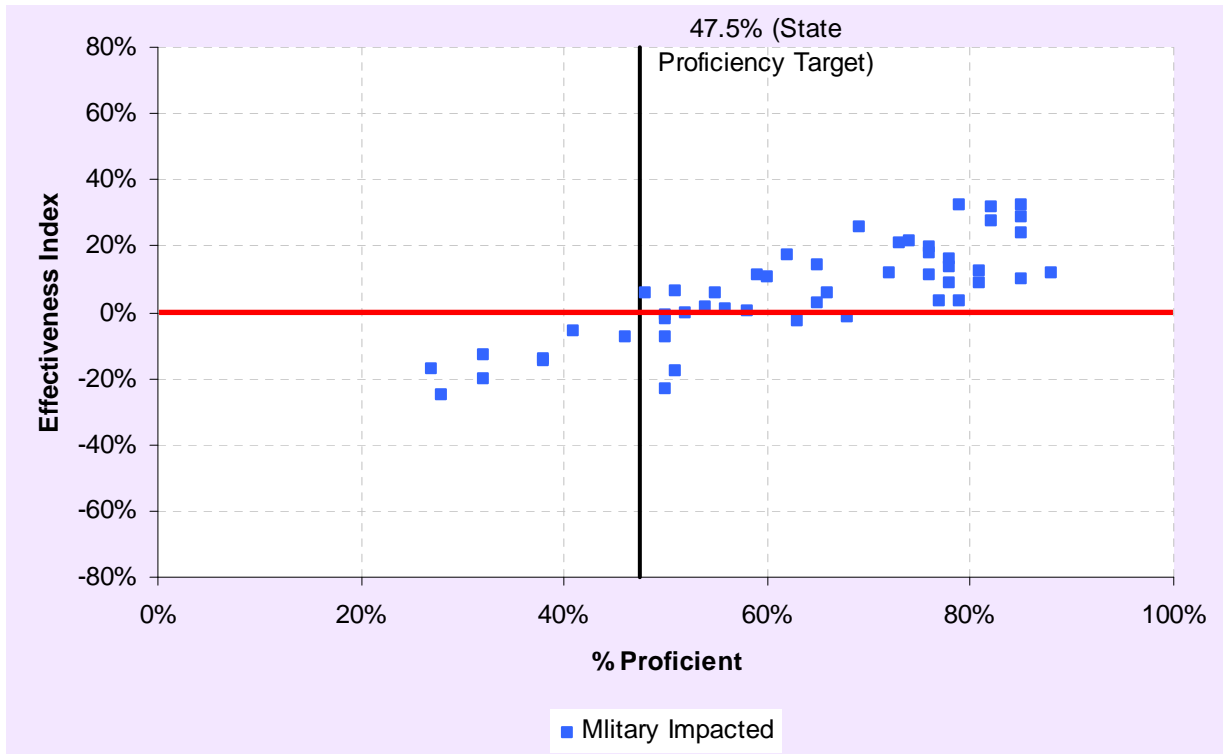
**SY 08/09 Grade 3 Reading Performance, All Elementary Schools (Continued)**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Linda Vista Elementary*	24.0%	95.9%	0.5
Carson Elementary	27.0%	90.1%	0.4
Walker Elementary*	39.0%	67.1%	0.2
Cabrillo Elementary*	37.0%	70.8%	0.2
Burbank Elementary	23.0%	97.1%	0.1
Chavez Elementary	24.0%	95.0%	0.0
Porter Elementary	25.0%	93.1%	0.0
Encanto Elementary	28.0%	87.0%	-0.3
Einstein Academy	61.0%	23.7%	-0.7
Gage Elementary	48.0%	46.9%	-1.4
San Diego Cooperative Charter	59.0%	25.5%	-1.8
Central Elementary	20.0%	99.0%	-1.9
Rolando Park Elementary	32.0%	76.3%	-1.9
Toler Elementary	42.0%	57.1%	-2.0
Nye Elementary*	34.0%	72.1%	-2.1
Adams Elementary	29.0%	80.9%	-2.5
Emerson/Bandini Elementary	23.0%	91.1%	-3.1
Bayview Terrace Elementary*	24.0%	89.0%	-3.2
John Muir*	35.0%	68.0%	-3.3
Golden Hill Elementary	20.0%	95.1%	-3.9
Barnard Elementary*	33.0%	69.0%	-4.7
King/Chavez Arts Academy	16.0%	100.0%	-5.4
Horton Elementary	19.0%	93.0%	-6.1
Rodriguez Elementary	16.0%	98.1%	-6.4
Marshall Elementary	17.0%	96.0%	-6.5
Chollas/Mead Elementary*	18.0%	93.0%	-7.1
Sherman Elementary	15.0%	98.1%	-7.4
Lafayette Elementary	29.0%	69.4%	-8.6
Museum*	52.0%	25.0%	-9.0
Perkins Elementary	16.0%	93.1%	-9.0
Holly Drive Leadership Academy	12.0%	100.0%	-9.4
Alcott Elementary*	35.0%	54.0%	-10.7
Washington Elementary	21.0%	79.9%	-11.0
Learning Choice Academy	43.0%	38.0%	-11.1
King/Chavez Athletics Academy	9.0%	100.0%	-12.4
Carver Elementary*	14.0%	90.2%	-12.6
Nubia Leadership Academy*	24.0%	69.5%	-13.5
Sequoia Elementary	25.0%	66.1%	-14.3
Promise Charter	6.0%	100.0%	-15.4
Audubon Elementary	9.0%	90.0%	-17.7
Mt. Everest Academy*	28.0%	13.4%	-39.2

**SY 08/09 Grade 5 Math Performance, All Elementary Schools**



**SY 08/09 Grade 5 Math Performance, All Military Impacted Elementary Schools**



**SY 08/09 Grade 5 Math Performance, All Elementary School**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Promise Charter	89.0%	100.0%	48.4
King/Chavez Athletics Academy	78.0%	100.0%	37.4
Webster Elementary	78.0%	93.4%	34.9
Field Elementary*	79.0%	84.1%	32.5
Crown Point Elementary*	85.0%	67.4%	32.2
Angier Elementary*	82.0%	74.4%	31.8
Birney Elementary	82.0%	72.2%	31.0
Mason Elementary*	85.0%	58.0%	28.7
Fletcher Elementary*	82.0%	62.4%	27.3
Chollas/Mead Elementary*	69.0%	93.0%	25.8
Pacific Beach Elementary	84.0%	50.5%	24.9
Oak Park Elementary	71.0%	85.0%	24.8
Carson Elementary	69.0%	90.1%	24.7
Ericson Elementary*	85.0%	45.3%	23.9
Green Elementary	88.0%	34.1%	22.7
Benchley/Weinberger Elementary	92.0%	22.0%	22.2
John Muir*	74.0%	68.0%	21.4
Hardy Elementary	77.0%	59.1%	21.1
Lee Elementary	71.0%	75.1%	21.1
Kimbrough Elementary	62.0%	99.0%	21.0
Zamorano Elementary*	73.0%	69.3%	20.9
KIPP Adelante	61.0%	100.0%	20.4
Joyner Elementary	63.0%	93.0%	19.8
Jones Elementary*	76.0%	57.1%	19.3
Vista Grande Elementary*	76.0%	52.9%	17.8
Bird Rock Elementary	93.0%	7.1%	17.6
Curie Elementary	90.0%	15.0%	17.6
Torrey Pines Elementary	89.0%	17.3%	17.5
Rowan Elementary*	62.0%	88.9%	17.2
Hickman Elementary*	78.0%	42.9%	16.1
Cadman Elementary	65.0%	76.1%	15.5
Explorer Elementary	89.0%	10.0%	14.7
Nye Elementary*	65.0%	72.1%	13.9
Balboa Elementary	56.0%	95.0%	13.5
Sandburg Elementary*	78.0%	36.0%	13.5
Garfield Elementary	57.0%	90.4%	12.8
Sequoia Elementary	66.0%	66.1%	12.7
Grant Elementary*	81.0%	25.4%	12.5
Holmes Elementary	83.0%	19.4%	12.3
Hawthorne Elementary	64.0%	69.9%	12.1
Scripps Elementary*	88.0%	5.2%	11.9
Cherokee Point Elementary	54.0%	96.1%	11.9
Dana*	72.0%	47.0%	11.6
Boone Elementary*	59.0%	81.4%	11.4
Hage Elementary*	76.0%	35.0%	11.1
Rosa Parks Elementary	52.0%	99.0%	11.0
North Park Elementary	54.0%	92.7%	10.7
Penn Elementary*	60.0%	76.0%	10.4

**SY 08/09 Grade 5 Math Performance, All Elementary Schools (Continued)**

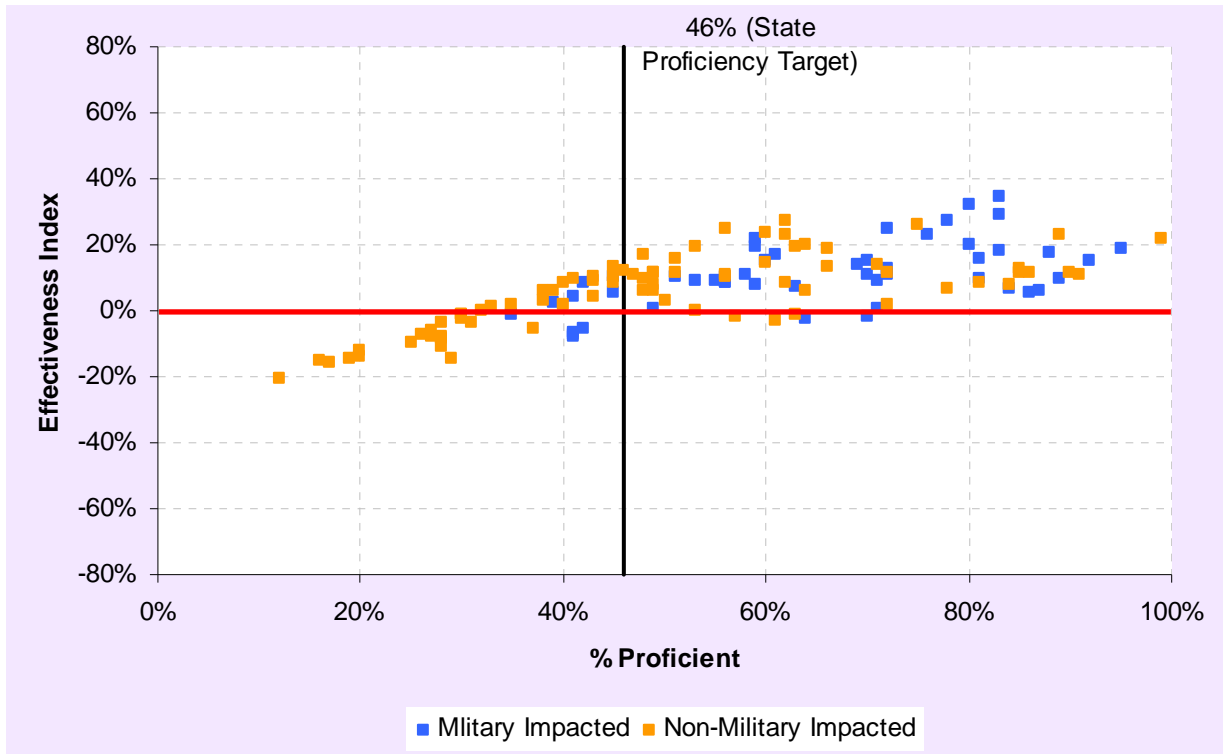
School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Euclid Elementary	51.0%	99.1%	10.0
Dingeman Elementary*	85.0%	8.1%	10.0
Chavez Elementary	52.0%	95.0%	9.5
Freese Elementary	54.0%	88.2%	9.0
Dailard Elementary*	78.0%	23.4%	8.7
Kumeyaay Elementary*	81.0%	15.0%	8.6
King/Chavez Academy	48.0%	100.0%	7.4
Darnall E-Charter	53.0%	85.6%	7.0
Audubon Elementary	51.0%	90.0%	6.6
Franklin Elementary	52.0%	86.1%	6.2
Valencia Park Elementary*	51.0%	88.5%	6.1
Washington Elementary	54.0%	79.9%	5.9
Linda Vista Elementary*	48.0%	95.9%	5.9
Spreckels Elementary	67.0%	44.4%	5.6
Doyle Elementary*	66.0%	47.0%	5.6
Perry Elementary*	55.0%	76.1%	5.5
Hearst Elementary	75.0%	22.0%	5.2
Jefferson Elementary	50.0%	87.5%	4.7
Miramar Ranch Elementary*	77.0%	12.0%	3.5
Jerabek Elementary*	79.0%	6.1%	3.3
Horton Elementary	46.0%	93.0%	2.8
Marvin Elementary*	65.0%	42.1%	2.7
Whitman Elementary	53.0%	73.9%	2.6
Adams Elementary	50.0%	80.9%	2.2
Lafayette Elementary	54.0%	69.4%	1.9
Florence Elementary	51.0%	77.1%	1.8
Bethune Elementary*	54.0%	68.3%	1.5
Encanto Elementary	47.0%	87.0%	1.5
Ross Elementary	48.0%	84.2%	1.5
Chesterton Elementary*	56.0%	61.9%	1.2
Alcott Elementary*	58.0%	54.0%	0.2
Edison Elementary	41.0%	99.1%	0.0
Lindbergh/Schweitzer Elementary*	52.0%	68.4%	-0.4
Toler Elementary	56.0%	57.1%	-0.7
Central Elementary	40.0%	99.0%	-1.0
Juarez Elementary*	50.0%	72.1%	-1.1
Ibarra Elementary	41.0%	96.0%	-1.1
Porter Elementary	42.0%	93.1%	-1.2
Sessions Elementary*	68.0%	22.4%	-1.6
Hancock Elementary*	50.0%	69.1%	-2.2
Tierrasanta Elementary*	63.0%	33.2%	-2.6
Hamilton Elementary	39.0%	97.0%	-2.7
Baker Elementary	39.0%	96.1%	-3.1
Gage Elementary	57.0%	46.9%	-3.5
Johnson Elementary	39.0%	92.1%	-4.6
McKinley Elementary	46.0%	72.0%	-5.1
Clay Elementary	41.0%	85.1%	-5.2
Fay Elementary	36.0%	98.0%	-5.4
Paradise Hills Elementary*	41.0%	84.4%	-5.5
Knox Elementary	36.0%	97.1%	-5.7



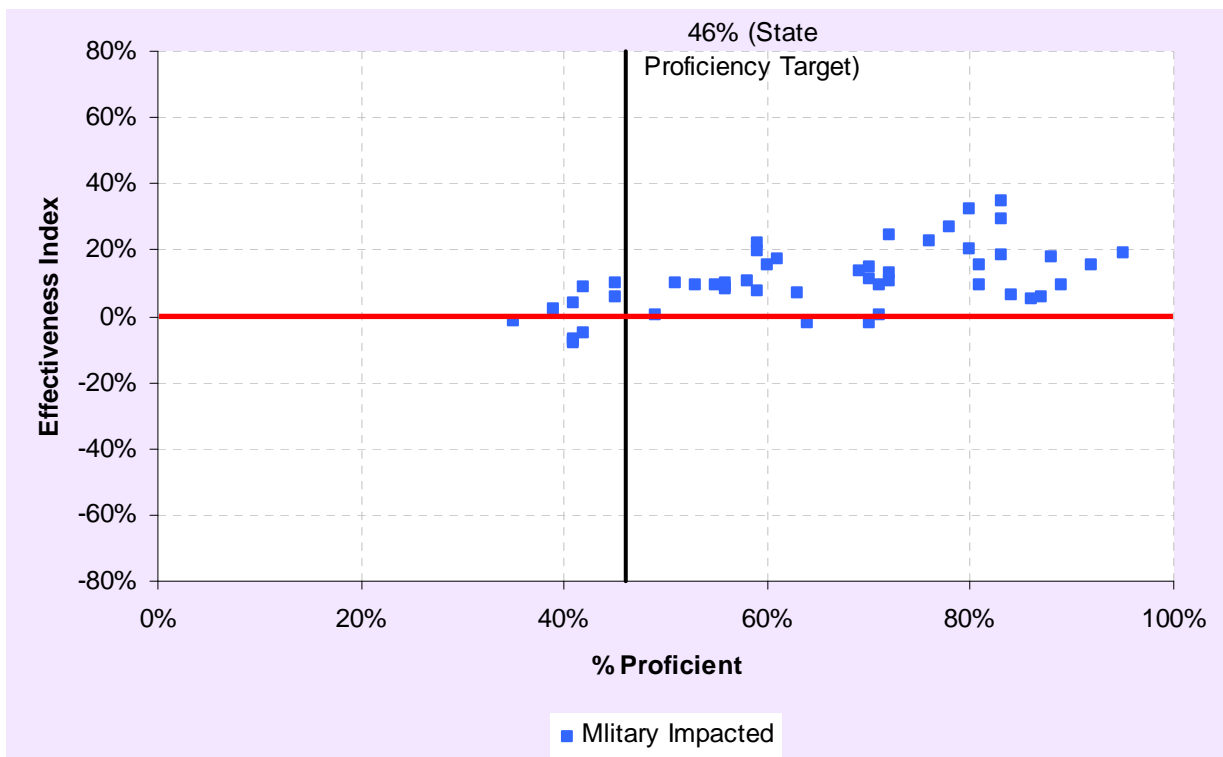
**SY 08/09 Grade 5 Math Performance, All Elementary Schools (Continued)**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Miller Elementary*	46.0%	66.0%	-7.3
Logan Elementary	35.0%	95.0%	-7.5
Language Academy*	50.0%	54.5%	-7.6
Fulton Elementary	36.0%	90.0%	-8.3
Einstein Academy	60.0%	23.7%	-9.1
Bay Park Elementary	55.0%	37.0%	-9.2
King/Chavez Arts Academy	31.0%	100.0%	-9.6
Rodriguez Elementary	31.0%	98.1%	-10.3
Rolando Park Elementary	39.0%	76.3%	-10.5
Foster Elementary	44.0%	59.0%	-12.0
Bayview Terrace Elementary*	32.0%	89.0%	-12.7
Wegeforth Elementary*	38.0%	69.3%	-14.1
Golden Hill Elementary	28.0%	95.1%	-14.4
Normal Heights Elementary	28.0%	94.9%	-14.5
Walker Elementary*	38.0%	67.1%	-14.9
Marshall Elementary	27.0%	96.0%	-15.1
Longfellow	43.0%	49.1%	-16.7
Carver Elementary*	27.0%	90.2%	-17.3
Museum*	51.0%	25.0%	-17.7
IFTIN Charter	24.0%	96.6%	-17.9
Emerson/Bandini Elementary	25.0%	91.1%	-19.0
Nubia Leadership Academy*	32.0%	69.5%	-20.0
Sherman Elementary	20.0%	98.1%	-21.3
Perkins Elementary	21.0%	93.1%	-22.2
Mt. Everest Academy*	50.0%	13.4%	-23.0
San Diego Cooperative Charter	45.0%	25.5%	-23.5
Harriet Tubman Village Charter	24.0%	78.0%	-24.8
Cubberley Elementary*	28.0%	67.2%	-24.9
Burbank Elementary	15.0%	97.1%	-26.7
Learning Choice Academy	32.0%	38.0%	-31.8

**SY 08/09 Grade 5 Reading Performance, All Elementary Schools**



**SY 08/09 Grade 5 Reading Performance, All Military Impacted Elementary Schools**



**SY 08/09 Grade 5 Reading Performance, All Elementary Schools**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Crown Point Elementary*	83.0%	67.4%	34.7
John Muir*	80.0%	68.0%	32.0
Jones Elementary*	83.0%	57.1%	29.3
Webster Elementary	62.0%	93.4%	27.4
Fletcher Elementary*	78.0%	62.4%	27.1
Sequoia Elementary	75.0%	66.1%	26.0
Promise Charter	56.0%	100.0%	24.9
Zamorano Elementary*	72.0%	69.3%	24.7
Garfield Elementary	60.0%	90.4%	23.8
Green Elementary	89.0%	34.1%	23.1
Oak Park Elementary	62.0%	85.0%	23.0
Mason Elementary*	76.0%	58.0%	22.7
Valencia Park Elementary*	59.0%	88.5%	21.8
La Jolla Elementary	99.0%	12.3%	21.6
Ericson Elementary*	80.0%	45.3%	20.1
Lee Elementary	64.0%	75.1%	19.8
Field Elementary*	59.0%	84.1%	19.6
Cadman Elementary	63.0%	76.1%	19.3
Normal Heights Elementary	53.0%	94.9%	19.2
Kumeyaay Elementary*	95.0%	15.0%	19.1
Hawthorne Elementary	66.0%	69.9%	19.1
Sandburg Elementary*	83.0%	36.0%	18.2
Grant Elementary*	88.0%	25.4%	17.6
Penn Elementary*	61.0%	76.0%	17.3
KIPP Adelante	48.0%	100.0%	16.9
Johnson Elementary	51.0%	92.1%	15.8
Hage Elementary*	81.0%	35.0%	15.6
Angier Elementary*	60.0%	74.4%	15.4
Mt. Everest Academy*	92.0%	13.4%	15.2
Language Academy*	70.0%	54.5%	14.9
Birney Elementary	60.0%	72.2%	14.3
Pacific Beach Elementary	71.0%	50.5%	13.8
Alcott Elementary*	69.0%	54.0%	13.7
Rosa Parks Elementary	45.0%	99.0%	13.4
Hardy Elementary	66.0%	59.1%	13.3
Dana*	72.0%	47.0%	13.0
Benchley/Weinberger Elementary	85.0%	22.0%	12.7
Chavez Elementary	46.0%	95.0%	12.3
Freese Elementary	49.0%	88.2%	11.7
Ross Elementary	51.0%	84.2%	11.6
Spreckels Elementary	72.0%	44.4%	11.6
Explorer Elementary	90.0%	10.0%	11.4
Holmes Elementary	85.0%	19.4%	11.4
Jefferson Elementary	49.0%	87.5%	11.3
Torrey Pines Elementary	86.0%	17.3%	11.3
Whitman Elementary	56.0%	73.9%	11.2
Doyle Elementary*	70.0%	47.0%	10.9
Bird Rock Elementary	91.0%	7.1%	10.9

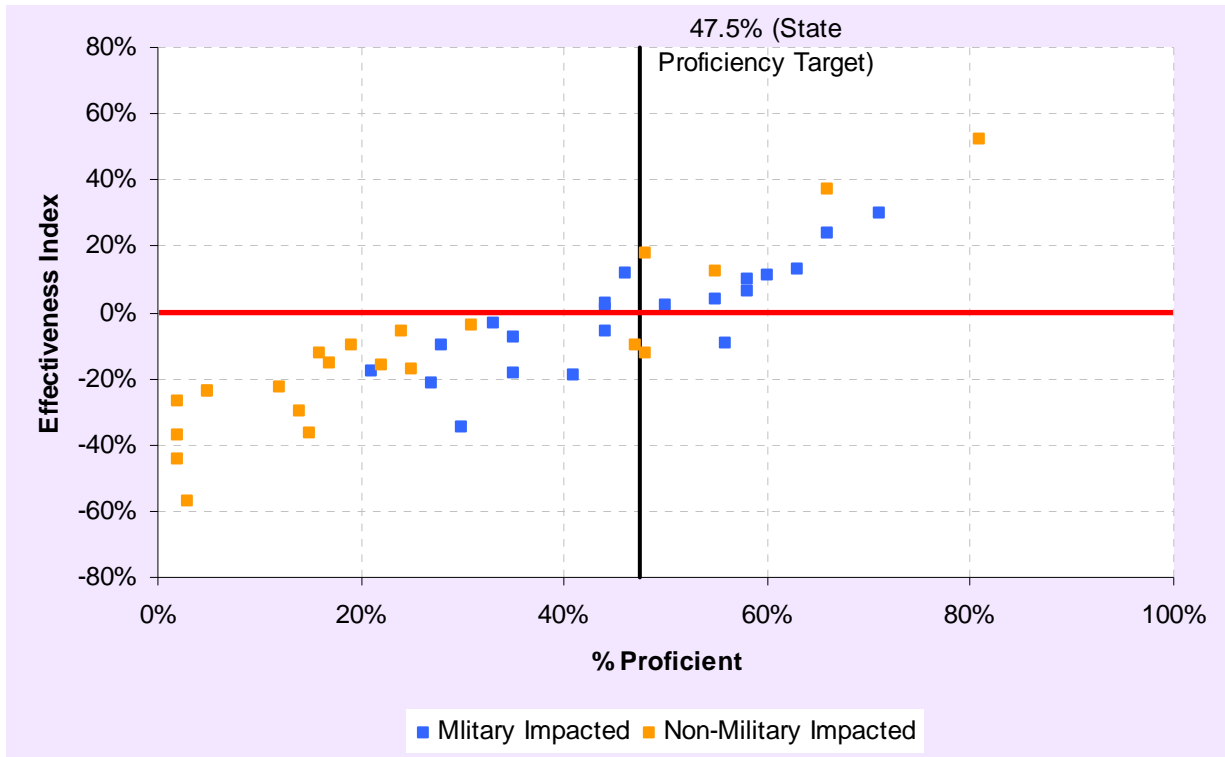
**SY 08/09 Grade 5 Reading Performance, All Elementary Schools (Continued)**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Hickman Elementary*	72.0%	42.9%	10.8
Wegeforth Elementary*	58.0%	69.3%	10.7
Carson Elementary	47.0%	90.1%	10.7
Hamilton Elementary	43.0%	97.0%	10.4
Chollas/Mead Elementary*	45.0%	93.0%	10.2
Joyner Elementary	45.0%	93.0%	10.2
Nye Elementary*	56.0%	72.1%	10.2
McKinley Elementary	56.0%	72.0%	10.1
Boone Elementary*	51.0%	81.4%	10.1
Franklin Elementary	48.0%	86.1%	9.6
Dailard Elementary*	81.0%	23.4%	9.5
Dingeman Elementary*	89.0%	8.1%	9.4
Kimbrough Elementary	41.0%	99.0%	9.4
Marvin Elementary*	71.0%	42.1%	9.3
Perry Elementary*	53.0%	76.1%	9.3
Balboa Elementary	43.0%	95.0%	9.3
Juarez Elementary*	55.0%	72.1%	9.2
Linda Vista Elementary*	42.0%	95.9%	8.8
Hearst Elementary	81.0%	22.0%	8.7
Audubon Elementary	45.0%	90.0%	8.6
Hancock Elementary*	56.0%	69.1%	8.6
Euclid Elementary	40.0%	99.1%	8.4
Toler Elementary	62.0%	57.1%	8.3
Lindbergh/Schweitzer Elementary*	56.0%	68.4%	8.3
Curie Elementary	84.0%	15.0%	8.1
Adams Elementary	49.0%	80.9%	7.9
Chesterton Elementary*	59.0%	61.9%	7.8
Vista Grande Elementary*	63.0%	52.9%	7.1
Einstein Academy	78.0%	23.7%	6.7
Miramar Ranch Elementary*	84.0%	12.0%	6.5
Washington Elementary	48.0%	79.9%	6.3
Longfellow	64.0%	49.1%	6.0
Scripps Elementary*	87.0%	5.2%	5.9
Fay Elementary	38.0%	98.0%	5.9
Cherokee Point Elementary	39.0%	96.1%	5.9
Florence Elementary	49.0%	77.1%	5.8
Paradise Hills Elementary*	45.0%	84.4%	5.7
Jerabek Elementary*	86.0%	6.1%	5.3
Darnall E-Charter	43.0%	85.6%	4.3
Rowan Elementary*	41.0%	88.9%	4.1
Perkins Elementary	38.0%	93.1%	3.3
Lafayette Elementary	50.0%	69.4%	2.8
Bayview Terrace Elementary*	39.0%	89.0%	2.1
Encanto Elementary	40.0%	87.0%	2.0
Ibarra Elementary	35.0%	96.0%	1.8
San Diego Cooperative Charter	72.0%	25.5%	1.6
Edison Elementary	33.0%	99.1%	1.4
Walker Elementary*	49.0%	67.1%	0.6
Museum*	71.0%	25.0%	0.3
Foster Elementary	53.0%	59.0%	0.3

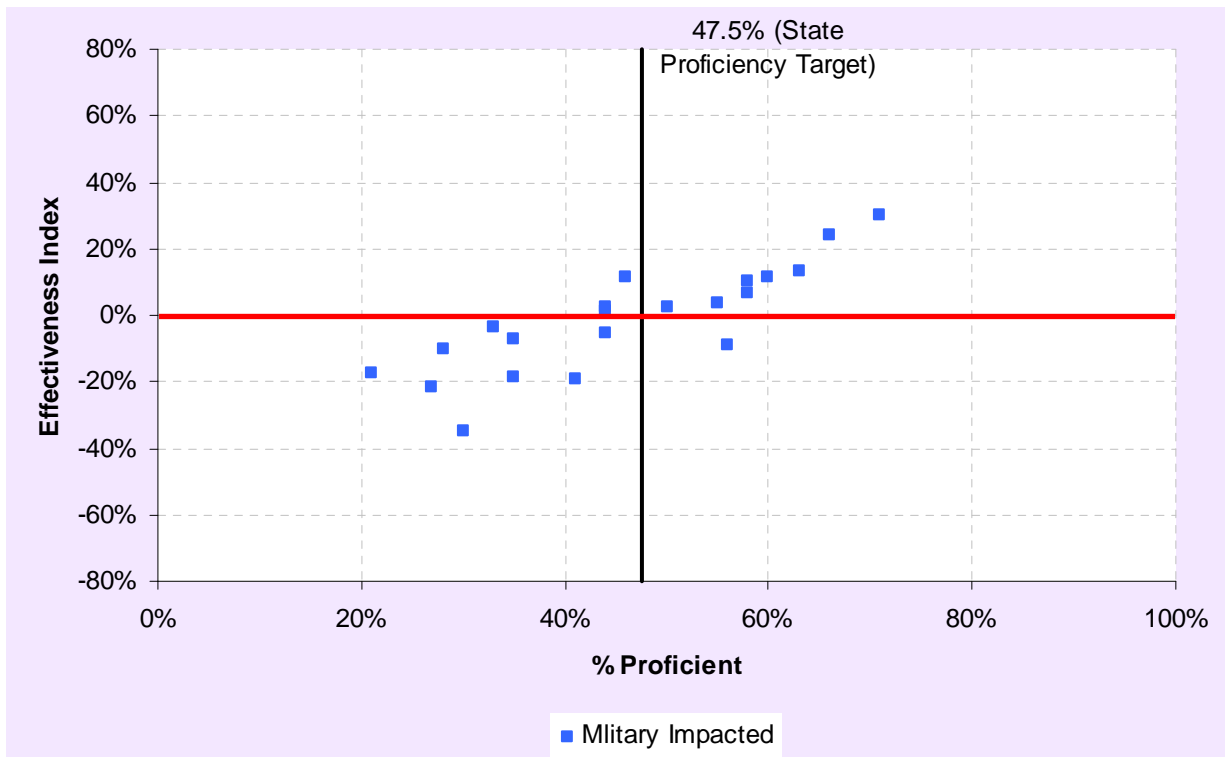
**SY 08/09 Grade 5 Reading Performance, All Elementary Schools (Continued)**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Rodriguez Elementary	32.0%	98.1%	-0.1
King/Chavez Athletics Academy	30.0%	100.0%	-1.1
King/Chavez Academy	30.0%	100.0%	-1.1
Carver Elementary*	35.0%	90.2%	-1.3
Bay Park Elementary	63.0%	37.0%	-1.3
Sessions Elementary*	70.0%	22.4%	-2.0
Gage Elementary	57.0%	46.9%	-2.1
Tierrasanta Elementary*	64.0%	33.2%	-2.4
Knox Elementary	30.0%	97.1%	-2.6
Learning Choice Academy	61.0%	38.0%	-2.8
Central Elementary	28.0%	99.0%	-3.6
North Park Elementary	31.0%	92.7%	-3.9
Nubia Leadership Academy*	42.0%	69.5%	-5.2
Harriet Tubman Village Charter	37.0%	78.0%	-5.7
Marshall Elementary	27.0%	96.0%	-6.2
Bethune Elementary*	41.0%	68.3%	-6.8
Baker Elementary	26.0%	96.1%	-7.1
Cubberley Elementary*	41.0%	67.2%	-7.4
Horton Elementary	27.0%	93.0%	-7.8
Emerson/Bandini Elementary	28.0%	91.1%	-7.8
Miller Elementary*	41.0%	66.0%	-8.0
Fulton Elementary	28.0%	90.0%	-8.3
Porter Elementary	25.0%	93.1%	-9.7
Clay Elementary	28.0%	85.1%	-10.9
Sherman Elementary	20.0%	98.1%	-12.1
Logan Elementary	20.0%	95.0%	-13.7
Rolando Park Elementary	29.0%	76.3%	-14.6
Golden Hill Elementary	19.0%	95.1%	-14.6
King/Chavez Arts Academy	16.0%	100.0%	-15.1
Burbank Elementary	17.0%	97.1%	-15.6
IFTIN Charter	12.0%	96.6%	-20.9

**SY 08/09 Grade 8 Math Performance, All Middle Schools**



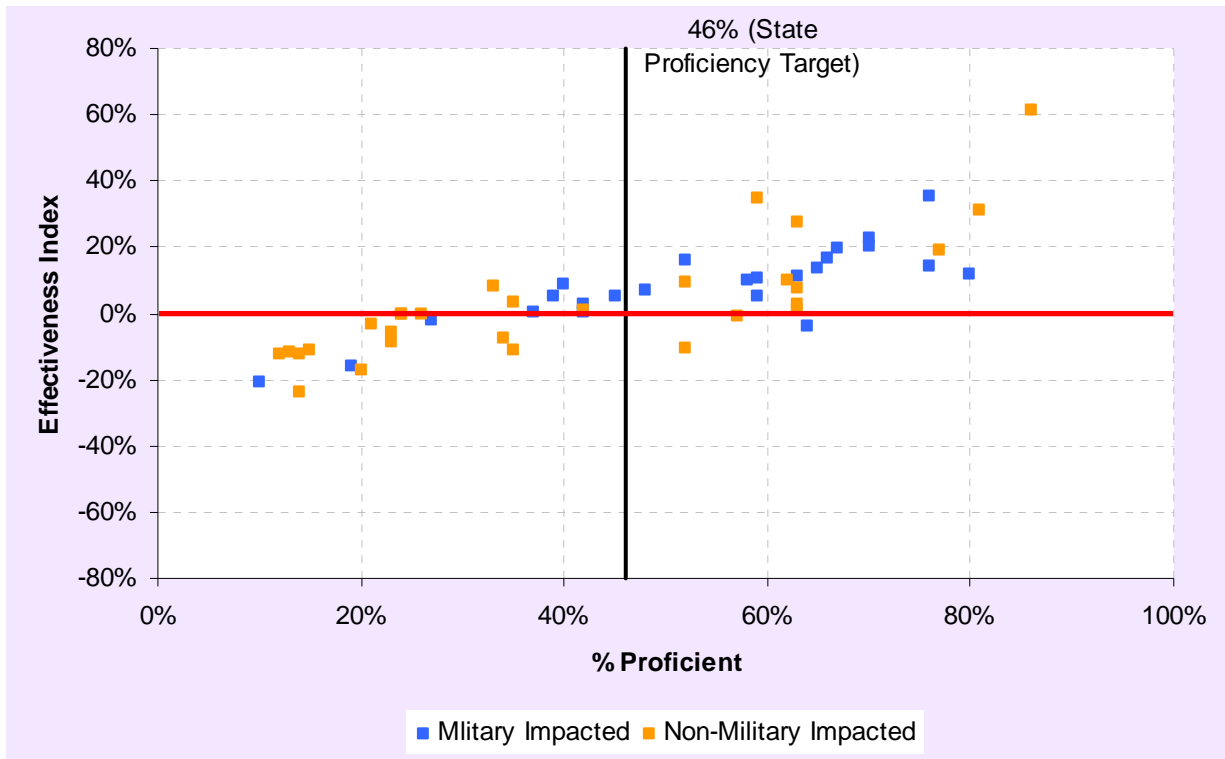
**SY 08/09 Grade 8 Math Performance, All Military Impacted Middle Schools**



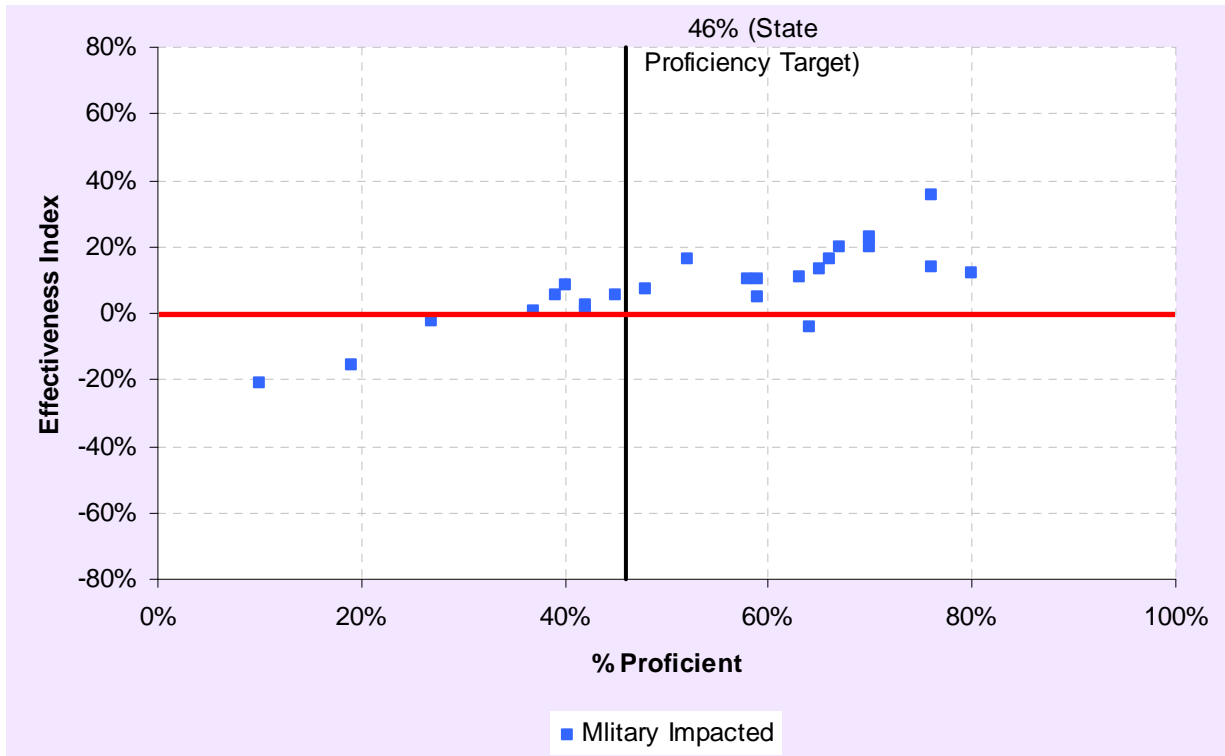
**SY 08/09 Grade 8 Math Performance, All Middle Schools**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
KIPP Adelante	81.0%	100.0%	52.4
Preuss School UCSD	66.0%	100.0%	37.4
Pacific Beach Middle*	71.0%	70.2%	29.9
John Muir*	66.0%	68.0%	23.9
Wilson Middle	48.0%	96.9%	18.1
Challenger Middle*	63.0%	49.0%	13.0
Keiller Leadership Academy	55.0%	66.3%	12.2
Montgomery Middle*	46.0%	86.1%	11.5
Wangenheim Middle*	60.0%	52.0%	11.2
Lewis Middle*	58.0%	54.3%	10.2
De Portola Middle*	58.0%	45.3%	6.4
Standley Middle*	55.0%	46.0%	3.7
Creative Performing and Media Arts*	44.0%	69.4%	2.5
Language Academy*	50.0%	54.5%	2.3
O'Farrell Community Center for Advanced Academy *	44.0%	66.1%	1.1
Farb Middle*	33.0%	81.3%	-3.5
Roosevelt International Middle	31.0%	85.4%	-3.8
Correia Middle*	44.0%	50.1%	-5.6
Knox Elementary	24.0%	97.1%	-5.9
Marston Middle*	35.0%	67.2%	-7.4
Marshall Middle*	56.0%	13.0%	-9.2
Muirlands Middle	47.0%	33.0%	-9.8
Clark Middle	19.0%	99.0%	-10.1
Taft Middle*	28.0%	77.3%	-10.2
Momentum Middle	48.0%	24.5%	-12.3
Promise Charter	16.0%	100.0%	-12.6
Mann Middle	17.0%	91.0%	-15.4
Harriet Tubman Village Charter	22.0%	78.0%	-15.9
Innovation Middle	25.0%	67.2%	-17.4
Bell Middle*	21.0%	76.0%	-17.7
Pershing Middle*	35.0%	41.0%	-18.4
Grant Elementary*	41.0%	25.4%	-19.0
San Diego SCPA*	27.0%	53.0%	-21.4
Gompers Charter Middle	12.0%	86.1%	-22.5
King/Chavez Academy	5.0%	100.0%	-23.6
Memorial Academy of Learning & Tech Center	5.0%	100.0%	-23.6
King/Chavez Preparatory Academy	2.0%	100.0%	-26.6
Audeo Charter	14.0%	64.1%	-29.7
Mt. Everest Academy*	30.0%	13.4%	-35.0
Albert Einstein Academy Middle	15.0%	45.1%	-36.7
Memorial Scholars & Athletes	2.0%	75.1%	-37.1
Charter School of San Diego	2.0%	57.3%	-44.6
San Diego Cooperative Charter	3.0%	25.5%	-56.9

**SY 08/09 Grade 8 Reading Performance, All Middle Schools**



**SY 08/09 Grade 8 Reading Performance, All Military Impacted Middle Schools**

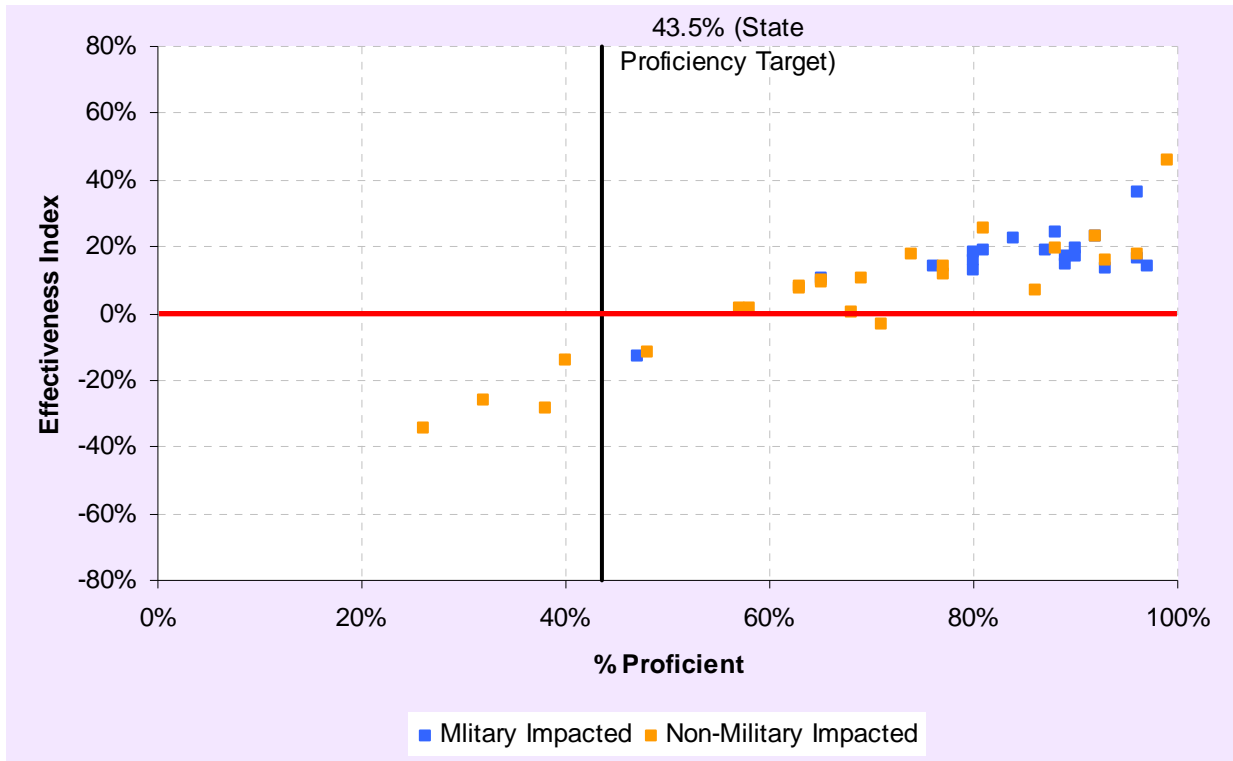




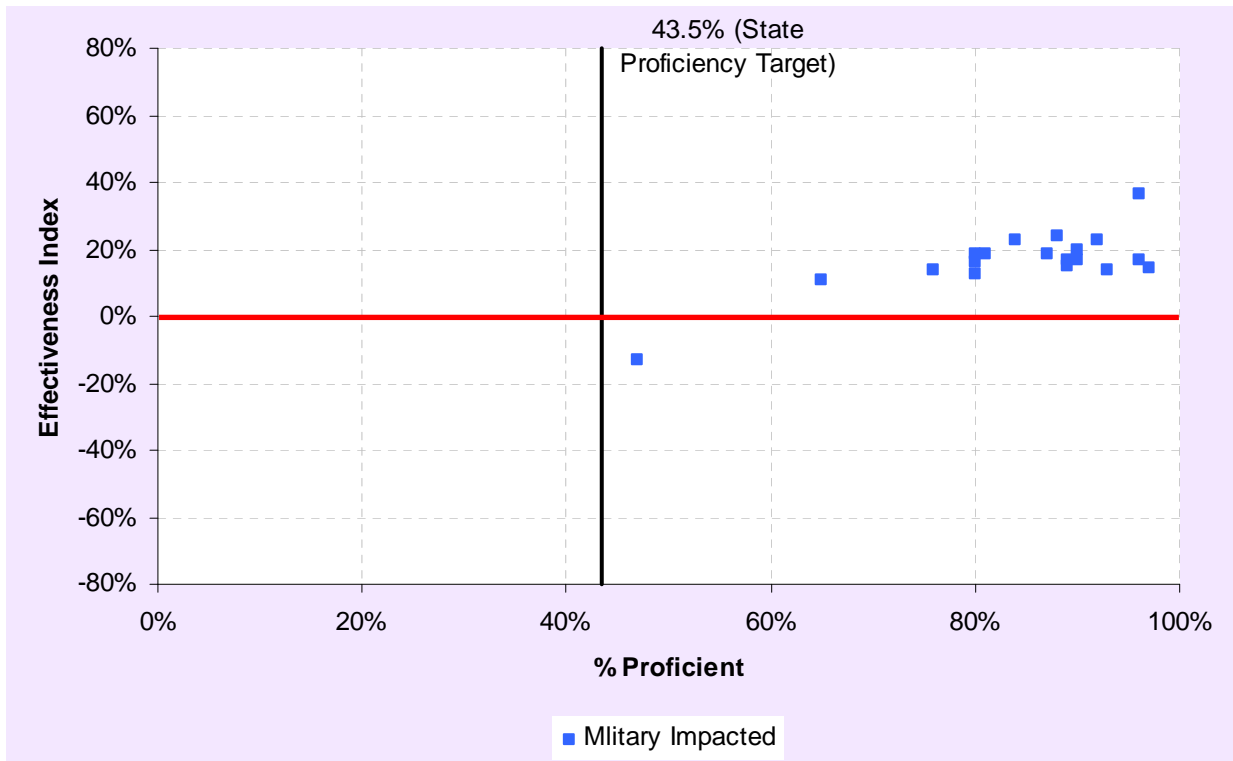
**SY 08/09 Grade 8 Reading Performance, All Middle Schools**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Preuss School UCSD	86.0%	100.0%	61.5
John Muir*	76.0%	68.0%	35.4
KIPP Adelante	59.0%	100.0%	34.5
Longfellow	81.0%	49.1%	30.9
Harriet Tubman Village Charter	63.0%	78.0%	27.5
Language Academy*	70.0%	54.5%	22.7
Challenger Middle*	70.0%	49.0%	19.9
Lewis Middle*	67.0%	54.3%	19.6
Muirlands Middle	77.0%	33.0%	18.9
Correia Middle*	66.0%	50.1%	16.4
Taft Middle*	52.0%	77.3%	16.1
Grant Elementary*	76.0%	25.4%	14.1
Standley Middle*	65.0%	46.0%	13.4
Marshall Middle*	80.0%	13.0%	11.8
De Portola Middle*	63.0%	45.3%	11.1
Wangenheim Middle*	59.0%	52.0%	10.4
Albert Einstein Academy Middle	62.0%	45.1%	9.9
San Diego SCPA*	58.0%	53.0%	9.9
Audeo Charter	52.0%	64.1%	9.5
Montgomery Middle*	40.0%	86.1%	8.5
Clark Middle	33.0%	99.0%	8.0
Learning Choice Academy	63.0%	38.0%	7.4
Marston Middle*	48.0%	67.2%	7.0
Creative Performing and Media Arts*	45.0%	69.4%	5.1
Farb Middle*	39.0%	81.3%	5.1
Pershing Middle*	59.0%	41.0%	4.9
Roosevelt International Middle	35.0%	85.4%	3.2
High Tech Middle	63.0%	29.1%	2.9
Pacific Beach Middle*	42.0%	70.2%	2.6
San Diego Cooperative Charter	63.0%	25.5%	1.1
Innovation Middle	42.0%	67.2%	1.0
O'Farrell Community Center for Advanced Academy*	42.0%	66.1%	0.5
Bell Middle*	37.0%	76.0%	0.5
Wilson Middle	26.0%	96.9%	0.0
Holly Drive Leadership Academy	24.0%	100.0%	-0.5
Promise Charter	24.0%	100.0%	-0.5
High Tech Middle Media Arts	57.0%	33.0%	-1.1
Carver Elementary*	27.0%	90.2%	-2.4
King/Chavez Academy	21.0%	100.0%	-3.5
Mt. Everest Academy*	64.0%	13.4%	-4.0
Mann Middle	23.0%	91.0%	-6.0
Keiller Leadership Academy	34.0%	66.3%	-7.4
Gompers Charter Middle	23.0%	86.1%	-8.5
Momentum Middle	52.0%	24.5%	-10.4
Charter School of San Diego	35.0%	57.3%	-10.9
Knox Elementary	15.0%	97.1%	-11.0
King/Chavez Preparatory Academy	13.0%	100.0%	-11.5
IFTIN Charter	14.0%	96.6%	-12.2
Memorial Academy of Learning & Tech Center	12.0%	100.0%	-12.5
Whittier/Del Sol Academy*	19.0%	79.3%	-15.9
Memorial Scholars & Athletes	20.0%	75.1%	-17.0
Alba*	10.0%	87.1%	-21.0
Riley/New Dawn	14.0%	72.8%	-24.1

**SY 08/09 Grade 10 Math Performance, All High Schools**



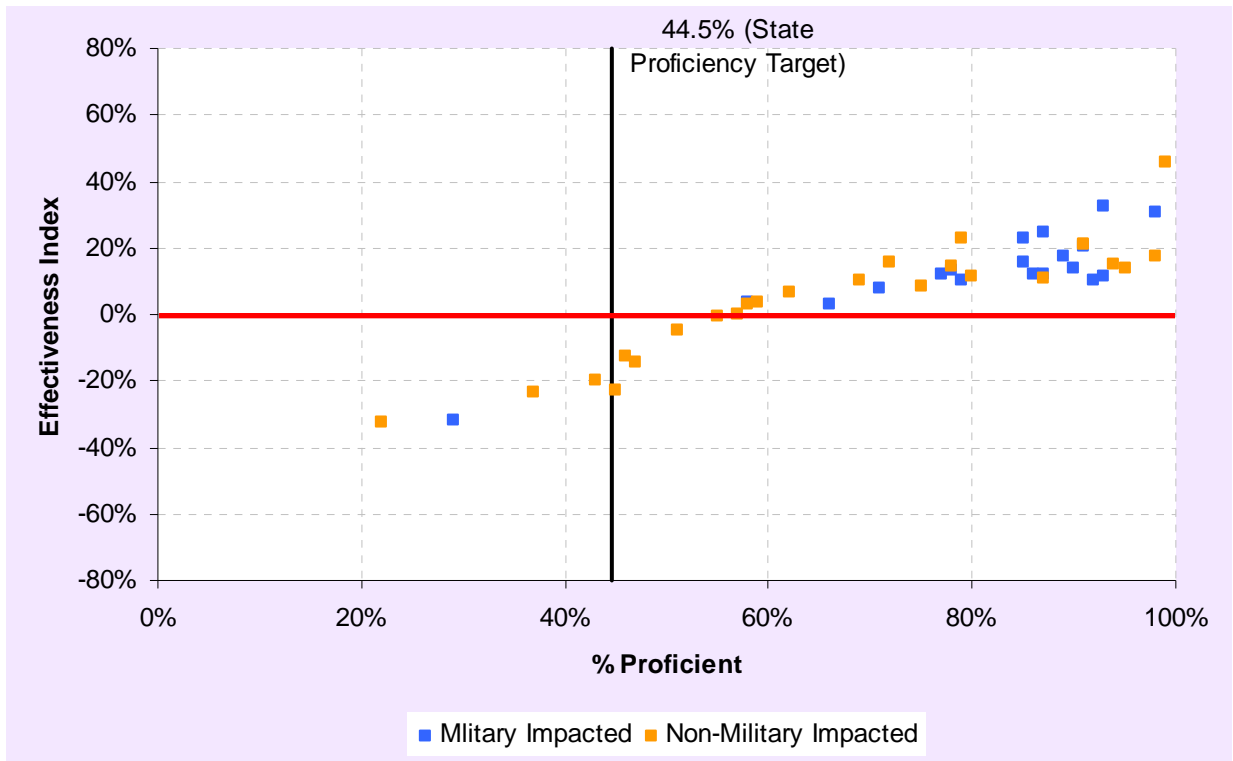
**SY 08/09 Grade 10 Math Performance, All Military Impacted High Schools**



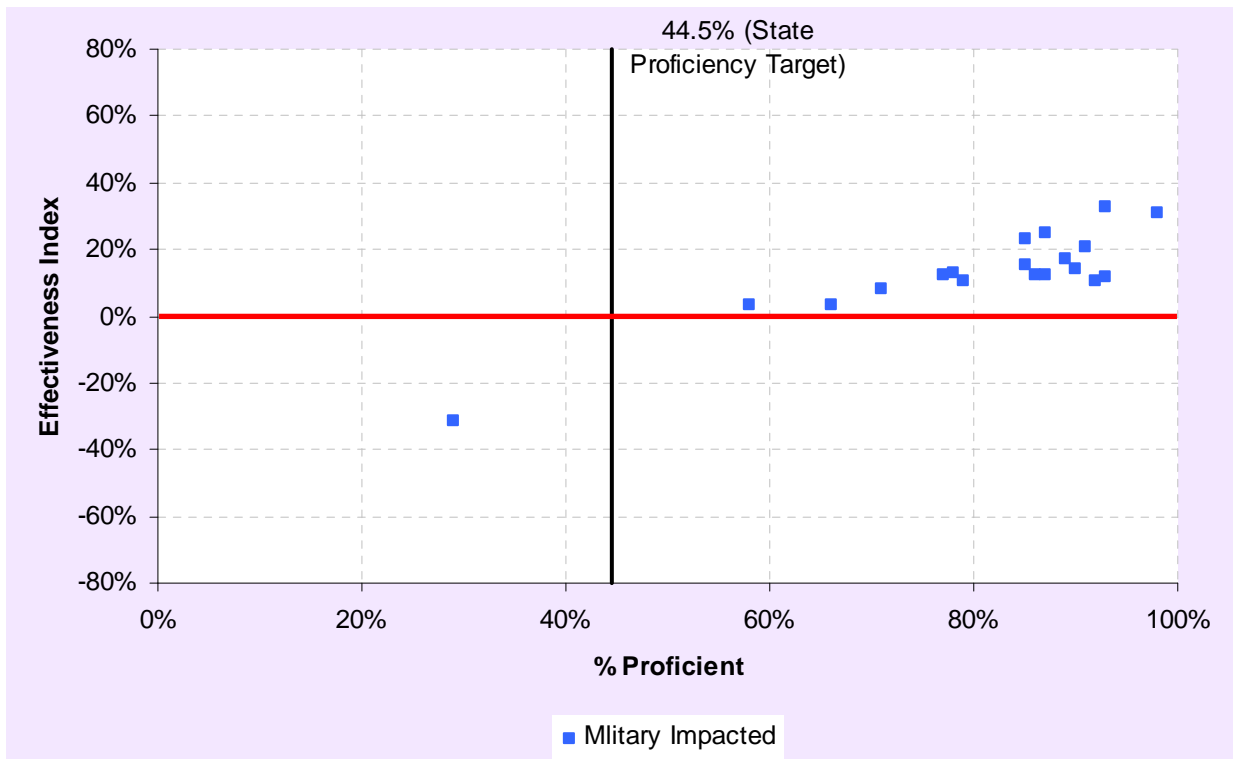
**SY 08/09 Grade 10 Math Performance, All High Schools**

School Name	% Proficient	% Free or Reduced	
		Lunch	Effectiveness Index
Preuss School UCSD	99.0%	100.0%	45.9
Kearny International Business*	96.0%	80.2%	36.2
San Diego LEADS	81.0%	92.1%	25.2
John Muir*	88.0%	68.0%	24.0
San Diego International Studies	92.0%	54.0%	23.2
San Diego SCPA*	92.0%	53.0%	22.9
Kearny SCT*	84.0%	75.5%	22.5
Point Loma High*	90.0%	49.4%	19.6
Health Sciences High and Middle College	88.0%	54.2%	19.3
Mission Bay High*	81.0%	73.0%	18.7
Serra High*	87.0%	55.1%	18.6
Kearny Digital Media & Design*	80.0%	75.1%	18.4
High Tech High	96.0%	25.9%	17.6
San Diego Science and Technology	74.0%	90.3%	17.6
University City High*	89.0%	44.1%	16.9
Mira Mesa High*	90.0%	41.0%	16.8
La Jolla High*	96.0%	23.2%	16.7
Morse High*	80.0%	68.4%	16.1
High Tech High Media Arts	93.0%	30.3%	16.1
Henry High*	89.0%	38.0%	14.8
Mt. Everest Academy*	97.0%	13.4%	14.4
Madison High	77.0%	71.0%	14.0
Kearny Construction Tech*	76.0%	73.3%	13.8
Scripps Ranch High*	93.0%	22.5%	13.5
Clairemont High*	80.0%	58.0%	12.6
Audeo Charter	77.0%	64.1%	11.7
Hoover High*	65.0%	96.0%	10.6
Lincoln High	69.0%	84.0%	10.5
Crawford CHAMPS	65.0%	94.0%	9.9
Crawford IDEA	65.0%	93.1%	9.6
Crawford Multimedia and Visual Arts	63.0%	94.0%	7.9
San Diego MVP Arts	63.0%	93.0%	7.5
High Tech High International	86.0%	24.1%	7.0
San Diego Business	58.0%	90.1%	1.5
Crawford Law and Business	57.0%	92.9%	1.5
Charter School of San Diego	68.0%	57.3%	0.3
Learning Choice Academy	71.0%	38.0%	-3.2
Twain High	48.0%	79.9%	-11.9
Whittier/Del Sol Academy*	47.0%	79.3%	-13.2
San Diego CIMA	40.0%	96.9%	-14.1
Arroyo Paseo Charter High	32.0%	84.7%	-26.3
Cortez Hill Academy	38.0%	60.0%	-28.7
Garfield High	26.0%	78.1%	-34.6

**SY 08/09 Grade 10 Reading Performance, All High Schools**



**SY 08/09 Grade 10 Reading Performance, All Military Impacted High Schools**



**SY 08/09 Grade 10 Reading Performance, All High Schools**

<b>School Name</b>	<b>% Proficient</b>	<b>% Free or Reduced Lunch</b>	<b>Effectiveness Index</b>
Preuss School UCSD	99.0%	100.0%	45.9
Kearny International Business*	93.0%	80.2%	32.6
San Diego Metro Career and Tech*	98.0%	61.1%	30.6
Kearny Digital Media & Design*	87.0%	75.1%	24.7
San Diego LEADS	79.0%	92.1%	23.0
Kearny SCT*	85.0%	75.5%	22.9
Health Sciences High and Middle College	91.0%	54.2%	21.0
San Diego International Studies	91.0%	54.0%	21.0
San Diego SCPA*	91.0%	53.0%	20.6
High Tech High	98.0%	25.9%	17.6
Point Loma High*	89.0%	49.4%	17.2
San Diego Science and Technology	72.0%	90.3%	15.4
Serra High*	85.0%	55.1%	15.3
High Tech High Media Arts	94.0%	30.3%	15.2
Madison High	78.0%	71.0%	14.2
Henry High*	90.0%	38.0%	14.0
High Tech High International	95.0%	24.1%	13.9
John Muir*	78.0%	68.0%	13.1
University City High*	86.0%	44.1%	12.3
Morse High*	77.0%	68.4%	12.3
Mira Mesa High*	87.0%	41.0%	12.2
La Jolla High*	93.0%	23.2%	11.6
Charter School of San Diego	80.0%	57.3%	11.2
Learning Choice Academy	87.0%	38.0%	11.0
Clairemont High*	79.0%	58.0%	10.4
Scripps Ranch High*	92.0%	22.5%	10.3
Lincoln High	69.0%	84.0%	10.0
Audeo Charter	75.0%	64.1%	8.7
Mission Bay High*	71.0%	73.0%	8.0
Crawford CHAMPS	62.0%	94.0%	6.7
Hoover High*	58.0%	96.0%	3.5
Crawford IDEA	59.0%	93.1%	3.4
Kearny Construction Tech*	66.0%	73.3%	3.1
Crawford Multimedia and Visual Arts	58.0%	94.0%	2.7
San Diego Business	57.0%	90.1%	0.3
Crawford Law and Business	55.0%	92.9%	-0.7
San Diego MVP Arts	51.0%	93.0%	-4.6
Arroyo Paseo Charter High	46.0%	84.7%	-12.7
Garfield High	47.0%	78.1%	-14.2
Riley/New Dawn	43.0%	72.8%	-20.1
Cortez Hill Academy	45.0%	60.0%	-22.8
Twain High	37.0%	79.9%	-23.5
Whittier/Del Sol Academy*	29.0%	79.3%	-31.7
San Diego CIMA	22.0%	96.9%	-32.2

## Travis Unified School District, California

### SY 08/09 Grade 3 Math Performance, All Elementary Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Center Elementary*	86.0%	32.9%	13.4
Travis Elementary*∞	88.0%	26.3%	13.1
Scandia Elementary*∞	81.0%	18.7%	3.6
Foxboro Elementary*	64.0%	20.3%	-12.9
Cambridge Elementary	44.0%	28.3%	-30.2

### SY 08/09 Grade 3 Reading Performance, All Elementary Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Travis Elementary*∞	65.0%	26.3%	4.7
Center Elementary*	49.0%	32.9%	-7.9
Scandia Elementary*∞	50.0%	18.7%	-14.3
Foxboro Elementary*	49.0%	20.3%	-14.5
Cambridge Elementary	39.0%	28.3%	-20.3

### SY 08/09 Grade 5 Math Performance, All Elementary Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Travis Elementary*∞	73.0%	26.3%	4.8
Scandia Elementary*∞	62.0%	18.7%	-9.0
Foxboro Elementary*	53.0%	20.3%	-17.4
Center Elementary*	35.0%	32.9%	-30.7
Cambridge Elementary	36.0%	28.3%	-31.4

### SY 08/09 Grade 5 Reading Performance, All Elementary Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Travis Elementary*∞	75.0%	26.3%	5.0
Scandia Elementary*∞	70.0%	18.7%	-4.0
Center Elementary*	61.0%	32.9%	-5.5
Foxboro Elementary*	67.0%	20.3%	-6.1
Cambridge Elementary	56.0%	28.3%	-12.9

### SY 08/09 Grade 8 Math Performance, All Middle Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Golden West Middle*	76.0%	21.9%	14.5

### SY 08/09 Grade 8 Reading Performance, All Middle Schools

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Golden West Middle*	69.0%	21.9%	5.3

---

**SY 08/09 Grade 10 Math Performance, All High Schools**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Vanden High*	91.0%	14.0%	8.6

**SY 08/09 Grade 10 Reading Performance, All High Schools**

School Name	% Proficient	% Free or Reduced Lunch	Effectiveness Index
Vanden High*	93.0%	14.0%	8.2

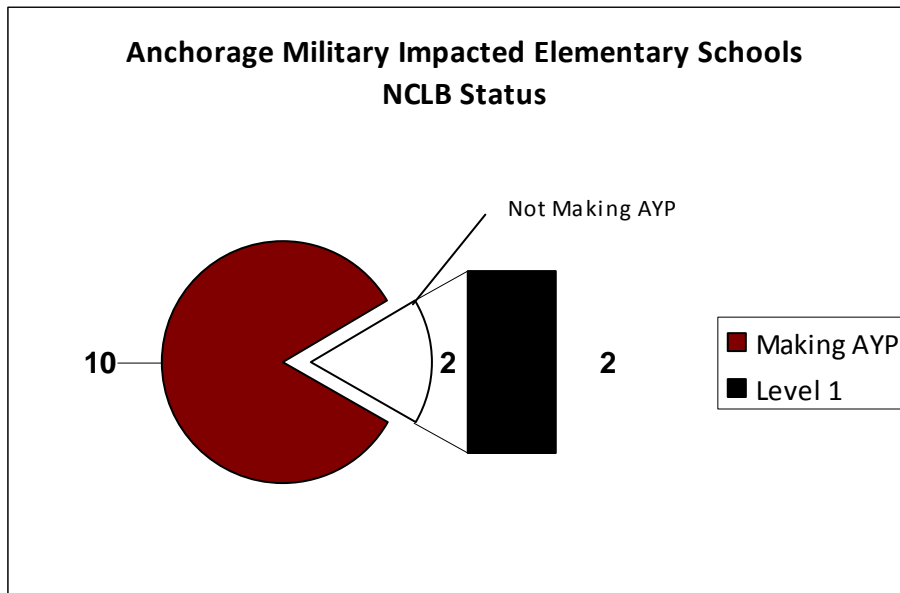
## Appendix D: NCLB

### Comparison Districts

In this report, NCLB data from SY08/09 was compiled for military impacted schools in each of the comparison districts at the elementary, middle and high school levels. Travis Unified School District is the only district that achieved AYP and therefore there is no data included for that district in this Appendix. Data for military impacted special education schools or schools with atypical grade ranges was excluded from this analysis. The data for Hawaii are in the main body of the report. The following data were collected from district websites and reports.

#### Anchorage, Alaska

Military Impacted Elementary Schools by NCLB Status, SY 08/09



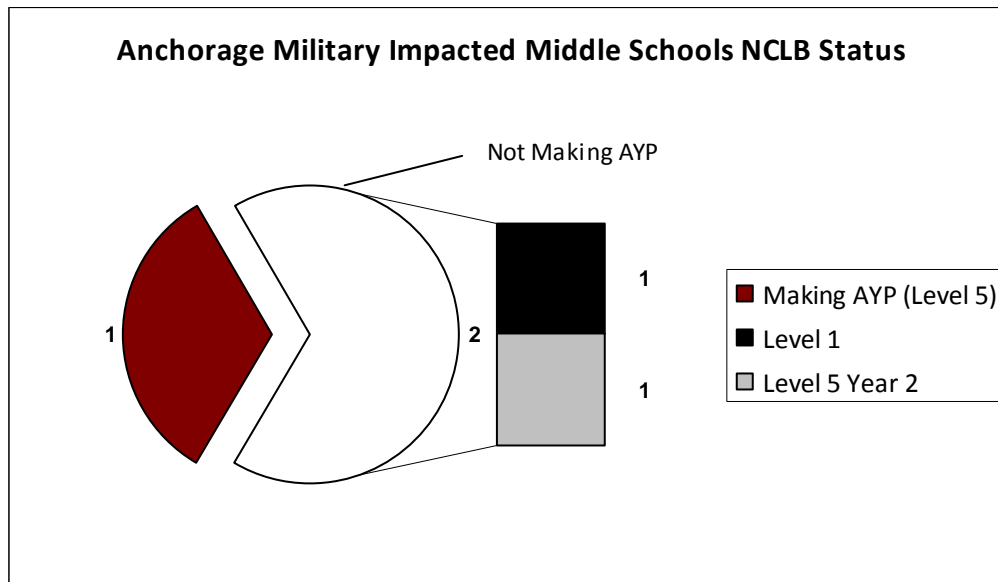
Military Impacted Elementary Schools, Not Making AYP, SY 08/09<sup>34</sup>

Schools	Total Enrollment	% Military	NCLB Status	Language Arts Proficiency	Math Proficiency
				Disabled	Disabled
Orion ES	427	97%	L1	X	
Creekside Park ES	381	13%	L1	X	X

<sup>34</sup> Yellow highlighting in each of the tables that follow indicates an "On-base" school.



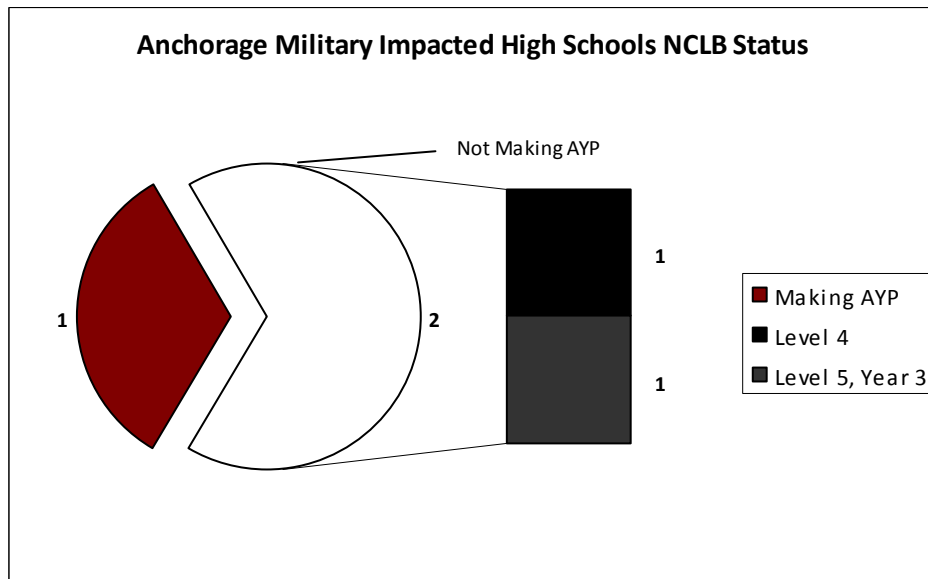
**Military Impacted Middle Schools by NCLB Status, SY 08/09**



**Military Impacted Middle Schools, Not Making AYP, SY 08/09**

Schools	Total Enrollment	% Military	NCLB Status	Language Arts Proficiency					Math Proficiency						
				Disadvantaged	Disabled	ELL	AK Native /American Indian	Asian	Hispanic	Disadvantaged	Disabled	ELL	AK Native /American Indian	Asian	Black
Central MS	684	32%	L5Y2	X	X	X	X	X	X	X	X	X	X	X	X
Mirror Lake MS	668	13%	L1		X						X				

**Military Impacted High Schools by NCLB Status, SY 08/09**

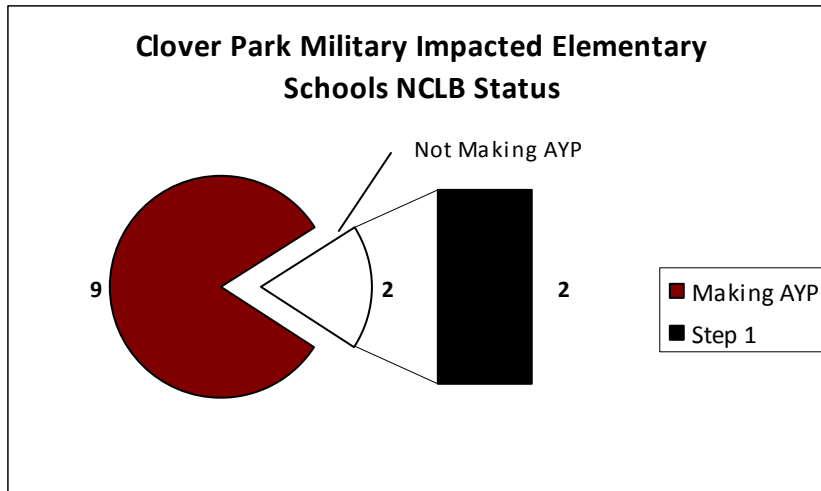


**Military Impacted High Schools, Not Making AYP, SY 08/09**

Schools	Total Enrollment	% Military	NCLB Status	Language Arts Proficiency				Math Proficiency			
				Disadvantaged	Disabled	AK Native /American Indian	Asian	Disadvantaged	Disabled	AK Native /American Indian	Multi-ethnic
Bartlett HS	1,702	16%	L5Y3	X	X	X	X	X	X	X	X
Chugiak HS	1,270	11%	L4		X				X		

## Clover Park School District, Lakewood, Washington

### Military Impacted Elementary Schools by NCLB Status, SY 08/09



### Military Impacted Elementary Schools Not Making AYP, SY 08/09

Schools	Total Enrollment	% Military	NCLB Status	Math Proficiency
				White
Beachwood ES	494	95%	S1	X
Lake Louise ES	376	16%	S1	X

### Military Impacted Middle Schools Not Making AYP, SY 08/09<sup>35</sup>

Schools	Total Enrollment	% Military	NCLB Status	Reading Proficiency	Math Proficiency					
				Disabled	Disadvantaged	Disabled	Asian	Black	Hispanic	White
Woodbrook MS	532	73%	S4	X	X	X	X	X	X	X
Mann MS	455	53%	S2	X	X	X		X		X

<sup>35</sup> There is no accompanying pie chart because none of the Clover Park middle schools made AYP in SY 08/09.

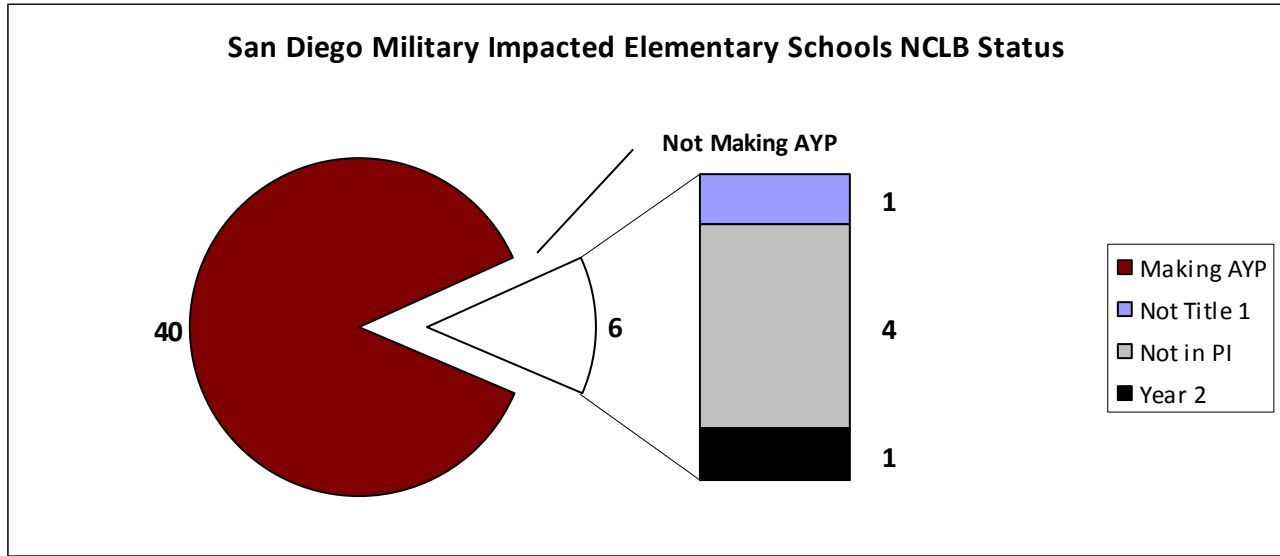
Military Impacted High Schools Not Making AYP, SY 08/09<sup>36</sup>

Schools	Total Enrollment	% Military	NCLB Status	Math Proficiency				
				Disadvantaged	Disabled	Black	Hispanic	White
Lakes HS	1400	40%	S4	X		X		X
Clover Park HS	1191	11%	S4		X		X	X

<sup>36</sup> There is no accompanying pie chart because none of the military impacted Clover Park high schools made AYP in SY 08/09.

San Diego Unified School District, California

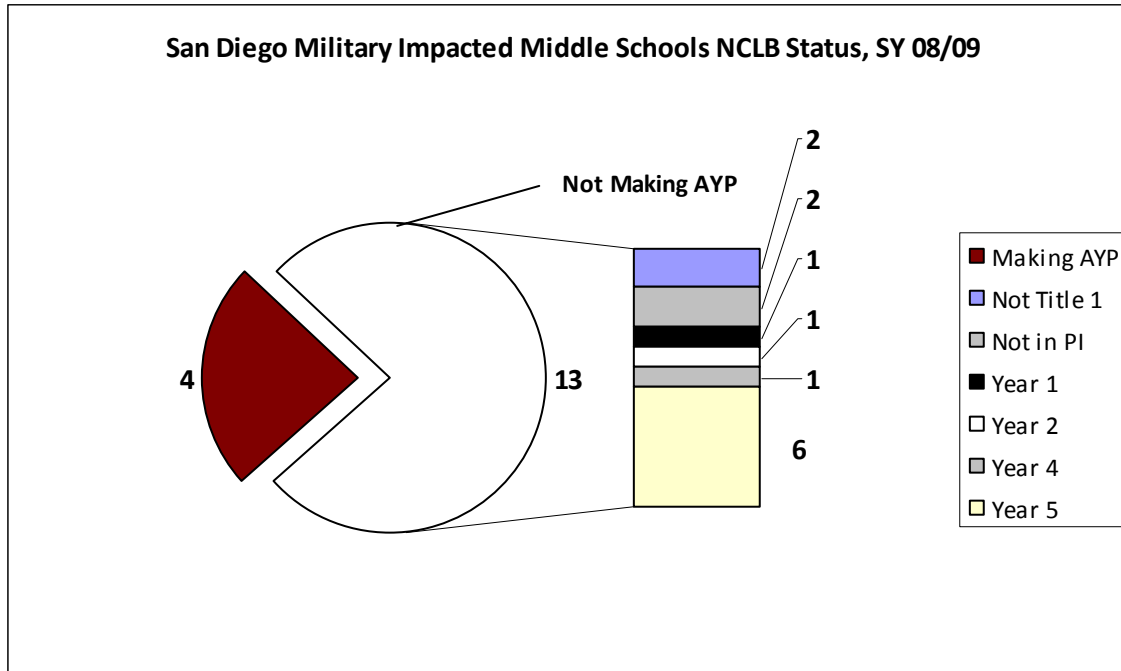
Military Impacted Elementary Schools by NCLB Status, SY 08/09



Military Impacted Elementary Schools Not Making AYP, SY 08/09

Schools	Total Enrollment	% Military	NCLB Status	English Language Arts Proficiency					Math Proficiency
				Disadvantaged	Disabled	ELL	African American	Hispanic	Disabled
Cabrillo ES	219	41%	Not in PI					X	
Tierrasanta ES	536	20%	Not T1		X	X			X
Zamorano ES	1,265	19%	Not in PI		X				
Cubberley ES	252	15%	Not in PI	X					
Alcott ES	504	13%	Year 2					X	
Chollas/Mead ES	864	6%	Not in PI					X	

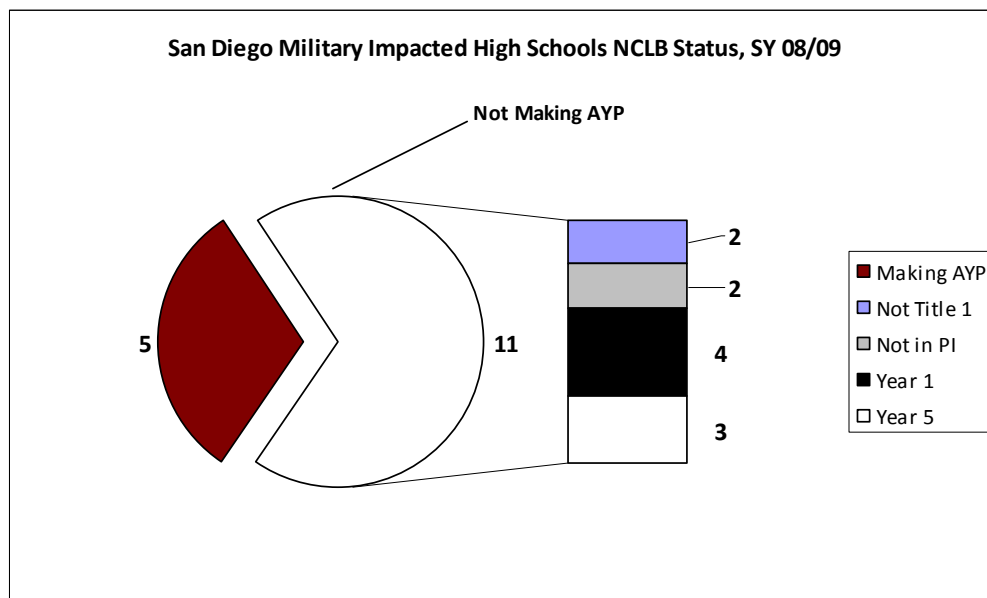
Military Impacted Middle Schools by NCLB Status, SY 08/09



Military Impacted Middle Schools Not Making AYP, SY 08/09

Schools	Total Enrollment	% Military	NCLB Status	English Language Arts Proficiency					Math Proficiency						
				Disadvantaged	Disabled	ELL	African American	Hispanic	Disadvantaged	Disabled	ELL	African American	Filipino	Hispanic	White
Farb MS	770	45%	Year 5	X		X		X	X	X	X	X		X	X
De Portola MS	1,011	36%	Year 1							X					
Millennial Tech MS	229	21%	Not T1								X			X	
Dana	821	20%	Not in PI								X				
Wangenheim MS	1,291	19%	Year 4			X						X		X	
Taft MS	672	18%	Year 5	X	X	X		X	X	X	X	X		X	
Pacific Beach MS	710	13%	Year 5	X											
Bell MS	1,284	13%	Year 5	X	X	X	X	X	X	X	X	X	X	X	
Challenger MS	1,125	12%	Not in PI											X	
Marshall MS	1,471	9%	Not T1		X					X					
Standley MS	1,352	9%	Year 2		X				X	X	X			X	
Marston MS	1,013	6%	Year 5		X	X		X		X	X			X	
Creative, Performing, & Media Arts MS	938	10%	Year 5	X	X	X	X		X	X	X			X	

### Military Impacted High Schools by NCLB Status, SY 08/09



### Military Impacted High Schools Not Making AYP, SY 08/09

Schools	Total Enrollment	% Military	NCLB Status	English Language Arts Proficiency			Math Proficiency		
				Disadvantaged	ELL	Hispanic	Disadvantaged	ELL	Hispanic
Serra HS	2,080	32%	Year 1		X	X		X	
Kearny SCT HS	448	18%	Not in PI	X					
Mira Mesa HS	2,644	13%	Not T1		X				
Kearny Construction									
Tech HS	474	11%	Year 1	X	X	X		X	
Morse HS	2,503	10%	Year 5	X	X	X	X	X	X
Point Loma HS	2,065	8%	Year 1	X					
University City HS	1,843	8%	Not in PI	X	X			X	
Mission Bay HS	1,691	6%	Year 1	X	X	X			
Henry HS	2,444	5%	Not T1		X				
Clairemont HS	1,479	4%	Year 5	X	X	X	X	X	X
Hoover HS	2,086	3%	Year 5	X	X	X			X

## Appendix E: TerraNova

### 2008-09 Mathematics TerraNova Percentile Scores

	Hawaii	Hawaii: Military Impacted	Hawaii: On Base Schools	Anchorage, AK	DoDEA	DDESS
Grade 3 Math	40	47	47	NA	58	56
Grade 5 Math	44	50	50	50	62	58
Grade 7 Math	41	45	45	58	65	59
Grade 8 Math	48	52	54	NA	67	59
Grade 10 Math	56	58	NA	NA	69	58

### 2008-09 Reading TerraNova Percentile Scores

	Hawaii	Hawaii: Military Impacted	Hawaii: On Base Schools	Anchorage, AK	DoDEA	DDESS
Grade 3 Reading	35	41	45	NA	59	56
Grade 5 Reading	38	47	50	50	61	57
Grade 7 Reading	42	47	47	62	67	63
Grade 8 Reading	46	54	56	NA	68	64
Grade 10 Reading	43	48	NA	NA	74	66

**Hawaii Grade 3 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Ahuimanu Elementary	56
Aiea Elementary	20
Aikahi Elementary	64
Aina Haina Elementary	56
Ala Wai Elementary	35
Aliamanu Elementary	41
Aliiolani Elementary	56
August Ahrens Elementary	30
Barbers Point Elementary	41
Connections	48
de Silva Elementary	48
Education Laboratory	56
Eleele Elementary	30
Enchanted Lake Elementary	56
Ewa Beach Elementary	35
Ewa Elementary	35
Fern Elementary	20
Haaheo Elementary	35
Hahaione Elementary	64
Haiku Elementary	48
Halau Lokahi	64
Hale Kula Elementary	41
Haleiwa Elementary	23
Hana High & Elementary	35
Hanalei Elementary	56
Hauula Elementary	26
Hawaii Academy of Arts & Science	14
Hawaii Technology Academy	48
HCDB	6
Heeia Elementary	48
Helemano Elementary	30
Hickam Elementary	56
Hilo Union Elementary	26
Hokulani Elementary	48
Holomua Elementary	35
Holualoa Elementary	48
Honaunau Elementary	30
Honokaa Elementary	30
Honowai Elementary	20
Hookena Elementary & Intermediate	35
Iliahi Elementary	41
Innovations	56
Iroquois Point Elementary	48
Jefferson Elementary	35
Ka Waihona o ka Naauao	30
Kaaawa Elementary	56
Kaahumanu Elementary	35



**Hawaii Grade 3 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Kaala Elementary	30
Kaelepulu Elementary	64
Kaewai Elementary	17
Kahakai Elementary	30
Kahala Elementary	56
Kahaluu Elementary	30
Kahuku Elementary	30
Kahului Elementary	30
Kailua Elementary	35
Kaimiloa Elementary	26
Kainalu Elementary	48
Kaiulani Elementary	26
Kalaheo	41
Kalaniana'ole Elementary & Intermed	30
Kaleiopuu Elementary	30
Kalihi Elementary	23
Kalihi-kai Elementary	23
Kalihi-uka Elementary	35
Kalihi-waena Elementary	30
Kamaile Academy	20
Kamalii Elementary	48
Kamehameha III Elementary	30
Kamiloiki Elementary	41
Kaneohe Elementary	56
Kanoelani Elementary	41
Kanu o ka Aina	35
Kapaa Elementary	30
Kapalama Elementary	30
Kapiolani Elementary	26
Kapolei Elementary	35
Kapunahala Elementary	56
Kau High & Pahala Elementary	23
Kauluwela Elementary	35
Kaumana Elementary	35
Kaumualii Elementary	35
Kaunakakai Elementary	30
Kaunikapono Learning Center	8
Keaau Elementary	35
Kealakehe Elementary	30
Keaukaha Elementary	35
Kekaha Elementary	30
Keolu Elementary	17
Keonepoko Elementary	23
Keoneula Elementary	41
Kihei	56
Kihei Elementary	35
Kilauea Elementary	48

**Hawaii Grade 3 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Kilohana Elementary	35
Kipapa Elementary	35
Kohala Elementary	30
Koko Head Elementary	56
Koloa Elementary	48
Kona Pacific	20
Konawaena Elementary	41
Kualapuu Elementary	26
Kuhio Elementary	41
Kula Aupuni Niihau	12
Kula Elementary	48
Laie Elementary	41
Lanai High & Elementary	35
Lanakila Elementary	35
Lanikai Elementary	56
Laupahoehoe High & Elementary	56
Lehua Elementary	35
Leihoku Elementary	26
Lihikai Elementary	30
Liholiho Elementary	48
Likelike Elementary	30
Liliuokalani Elementary	30
Lincoln Elementary	35
Lunalilo Elementary	35
Maemae Elementary	64
Maili Elementary	17
Makaha Elementary	17
Makakilo Elementary	35
Makalapa Elementary	35
Makawao Elementary	41
Manana Elementary	48
Manoa Elementary	56
Mauka Lani Elementary	23
Maunaloa Elementary	10
Maunawili Elementary	48
Mililani Ike Elementary	56
Mililani Mauka Elementary	56
Mililani Uka Elementary	48
Mililani Waena Elementary	48
Moanalua Elementary	48
Mokapu Elementary	48
Mokulele Elementary	41
Momilani Elementary	64
Mountain View Elementary	35
Myron B. Thompson Academy	41
Naalehu Elementary & Intermediate	14
Nahienaena Elementary	23
Nanaikapono Elementary	20

**Hawaii Grade 3 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Nanakuli Elementary	17
Nimitz Elementary	48
Noelani Elementary	56
Nuuanu Elementary	64
Paauilo Elementary & Intermediate	30
Pahoa Elementary	35
Paia Elementary	41
Palisades Elementary	41
Palolo Elementary	35
Parker Elementary	35
Pauoa Elementary	35
Pearl City Elementary	41
Pearl City Highlands Elementary	35
Pearl Harbor Elementary	35
Pearl Harbor Kai Elementary	41
Pearl Ridge Elementary	56
Pohakea Elementary	41
Pomakai Elementary	48
Pope Elementary	30
Pukalani Elementary	35
Puohala Elementary	41
Puuhale Elementary	23
Red Hill Elementary	30
Royal Elementary	41
Salt Lake Elementary	35
Scott Elementary	41
Shafter Elementary	64
Solomon Elementary	35
Sunset Beach Elementary	56
Volcano School	41
Voyager	56
Wahiawa Elementary	30
Waiahole Elementary	20
Waiakea Elementary	35
Waiakeawaena Elementary	35
Waialae Elementary	48
Waialua Elementary	56
Waianae Elementary	17
Waiau Elementary	35
Waihee Elementary	35
Waikele Elementary	35
Waikiki Elementary	48
Waikoloa Elementary	48
Wailuku Elementary	35
Wailupe Valley Elementary	35
Waimalu Elementary	30
Waimanalo Elementary & Intermediate	26
Waimea Elementary	26
Waipahu Elementary	26
Waters of Life	20
Webling Elementary	41
Wheeler Elementary	56
Wilcox Elementary	41
Wilson Elementary	48

**Hawaii Grade 5 Reading TerraNova Percentiles, SY 08/08**

School	Percentile
Ahuimanu Elementary	48
Aiea Elementary	33
Aikahi Elementary	61
Aina Haina Elementary	67
Ala Wai Elementary	38
Aliamanu Elementary	43
Aliiolani Elementary	54
Anuenue	26
August Ahrens Elementary	38
Barbers Point Elementary	54
Connections	54
de Silva Elementary	48
Education Laboratory	38
Ehunuikaimalino	22
Eleele Elementary	38
Enchanted Lake Elementary	48
Ewa Beach Elementary	38
Ewa Elementary	43
Fern Elementary	22
Haaheo Elementary	43
Hahaione Elementary	61
Haiku Elementary	43
Halau Lokahi	38
Hale Kula Elementary	48
Haleiwa Elementary	33
Hana High & Elementary	33
Hanalei Elementary	67
Hauula Elementary	38
Hawaii Academy of Arts & Science	61
Hawaii Technology Academy	67
HCDB	3
Heeia Elementary	38
Helemano Elementary	38
Hickam Elementary	61
Hilo Union Elementary	33
Hokulani Elementary	54
Holomua Elementary	38
Holualoa Elementary	61
Honaunau Elementary	54
Honokaa Elementary	33
Honowai Elementary	29
Hookena Elementary & Intermedia	43
Iliahi Elementary	43
Innovations	54
Iroquois Point Elementary	43
Jefferson Elementary	38

**Hawaii Grade 5 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Ka Umeke Kaeo	33
Ka Waihona o ka Naauao	33
Kaaawa Elementary	43
Kaahumanu Elementary	38
Kaala Elementary	38
Kaelepulu Elementary	48
Kaewai Elementary	19
Kahakai Elementary	33
Kahala Elementary	67
Kahaluu Elementary	33
Kahuku Elementary	33
Kahului Elementary	33
Kailua Elementary	33
Kaimiloa Elementary	33
Kainalu Elementary	54
Kaiulani Elementary	33
Kalaheo	43
Kalaniana'ole Elementary & Interm	29
Kaleiopuu Elementary	38
Kalihi Elementary	38
Kalihi-kai Elementary	29
Kalihi-uka Elementary	43
Kalihi-waena Elementary	29
Kamaile Academy	19
Kamalii Elementary	48
Kamehameha III Elementary	33
Kamiloiki Elementary	48
Kaneohe Elementary	54
Kanoelani Elementary	43
Kanu o ka Aina	38
Kapaa Elementary	38
Kapalama Elementary	38
Kapiolani Elementary	33
Kapolei Elementary	38
Kapunahala Elementary	54
Kau High & Pahala Elementary	33
Kauluwela Elementary	48
Kaumana Elementary	43
Kaumualii Elementary	38
Kaunakakai Elementary	43
Kaunikapono Learning Center	33
Kawaikini	19
Ke Kula Niihau O Kekaha	22
Ke Kula o Nawahi	10
Ke Kula o Samuel M. Kamakau	19
Keaau Elementary	43
Kealakehe Elementary	33
Keaukaha Elementary	33

**Hawaii Grade 5 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Kekaha Elementary	29
Keolu Elementary	48
Keonepoko Elementary	26
Keoneula Elementary	48
Kihei	81
Kihei Elementary	43
Kilauea Elementary	61
Kilohana Elementary	43
Kipapa Elementary	33
Kohala Elementary	33
Koko Head Elementary	54
Koloa Elementary	33
Konawaena Elementary	43
Kualapuu Elementary	29
Kuhio Elementary	33
Kula Aupuni Niihau	12
Kula Elementary	54
Laie Elementary	43
Lanai High & Elementary	48
Lanakila Elementary	38
Lanikai Elementary	61
Laupahoehoe High & Elementary	33
Lehua Elementary	43
Leihoku Elementary	33
Lihikai Elementary	33
Liholiho Elementary	54
Likelike Elementary	26
Liliuokalani Elementary	54
Lincoln Elementary	43
Lunalilo Elementary	48
Maemae Elementary	61
Maili Elementary	29
Makaha Elementary	26
Makakilo Elementary	33
Makalapa Elementary	61
Makawao Elementary	33
Manana Elementary	54
Manoa Elementary	61
Mauka Lani Elementary	38
Maunaloa Elementary	29
Maunawili Elementary	43
Mililani Ike Elementary	61
Mililani Mauka Elementary	61
Mililani Uka Elementary	48
Mililani Waena Elementary	48
Moanalua Elementary	61
Mokapu Elementary	43
Mokulele Elementary	54

**Hawaii Grade 5 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Momilani Elementary	67
Mountain View Elementary	38
Myron B. Thompson Academy	54
Naalehu Elementary & Intermedia	17
Nahienaena Elementary	33
Nanaikapono Elementary	19
Nanakuli Elementary	22
Nimitz Elementary	48
Noelani Elementary	67
Nuuanu Elementary	54
Paauilo Elementary & Intermediat	33
Pahoa Elementary	38
Paia Elementary	33
Palisades Elementary	54
Palolo Elementary	33
Parker Elementary	38
Pauoa Elementary	61
Pearl City Elementary	33
Pearl City Highlands Elementary	38
Pearl Harbor Elementary	38
Pearl Harbor Kai Elementary	54
Pearl Ridge Elementary	61
Pohakea Elementary	29
Pomakai Elementary	38
Pope Elementary	17
Pukalani Elementary	38
Puohala Elementary	54
Puuhale Elementary	33
Red Hill Elementary	43
Royal Elementary	48
Salt Lake Elementary	38
Scott Elementary	38
Shafter Elementary	61
Solomon Elementary	38
Sunset Beach Elementary	54
Volcano School	61
Voyager	48
Wahiawa Elementary	33

**Hawaii Grade 5 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Waiahole Elementary	43
Waiakea Elementary	43
Waiakeawaena Elementary	43
Waialae Elementary	48
Waialua Elementary	48
Waianae Elementary	17
Waiau Elementary	38
Waihee Elementary	38
Waikele Elementary	33
Waikiki Elementary	54
Waikoloa Elementary	38
Wailuku Elementary	33
Wailupe Valley Elementary	61
Waimalu Elementary	48
Waimanalo Elementary & Interme	29
Waimea Elementary	33
Waipahu Elementary	26
Waters of Life	12
Webling Elementary	48
Wheeler Elementary	54
Wilcox Elementary	43
Wilson Elementary	61



**Hawaii Grade 7 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Aiea Intermediate	42
Aliamanu Middle	42
Anuenue	22
Central Middle	26
Connections	47
Dole Middle	22
Education Laboratory	68
Ehunuikaimalino	42
Halau Ku Mana	42
Halau Lokahi	34
Hana High & Elementary	38
Hawaii Academy of Arts & Science	52
Hawaii Technology Academy	68
HCDB	2
Highlands Intermediate	47
Hilo Intermediate	38
Honokaa High & Intermediate	34
Iao Intermediate	38
Ilima Intermediate	38
Innovations	57
Jarrett Middle	38
Ka Umeke Kaeo	26
Ka Waihona o ka Naauao	34
Kahuku High & Intermediate	47
Kailua Intermediate	52
Kaimuki Middle	52
Kalakaua Middle	26
Kalama Intermediate	38
Kalaniana'ole Elementary & Intermediate	38
Kamakahahei Middle	47
Kanu o ka Aina	38
Kapaa Middle	42
Kapolei Middle	42
Kau High & Pahala Elementary	47
Kaunikapono Learning Center	38
Kawaikini	26
Kawananakoa Middle	47
Ke Ana La`ahana	26
Ke Kula Niihau O Kekaha	29
Ke Kula o Nawahi	29
Ke Kula o Samuel M. Kamakau	16
Keaau Middle	38
Kealakehe Intermediate	38
Kihei	57
King Intermediate	38
Kohala Middle	42
Konawaena Middle	42
Kua o ka La	26



**Hawaii Grade 7 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Kula Aupuni Niihau	19
Lahaina Intermediate	34
Lanai High & Elementary	38
Laupahoehoe High & Elementary	26
Lokelani Intermediate	38
Maui Waena Intermediate	34
Mililani Middle	52
Moanalua Middle	52
Molokai Intermediate	22
Myron B. Thompson Academy	47
Naalehu Elementary & Intermediate	29
Nanakuli High & Intermediate	22
Niihau	1
Niu Valley Middle	62
Olomana	10
Paauiilo Elementary & Intermediate	47
Pahoa High & Intermediate	29
Stevenson Middle	38
Volcano School	47
Voyager	57
Wahiawa Middle	34
Waiakea Intermediate	47
Waialua High & Intermediate	42
Waianae Intermediate	29
Waikoloa Elementary	42
Waimanalo Elementary & Intermediate	29
Waimea Canyon Elementary & Intermediate	42
Waimea Middle	38
Waipahu Intermediate	29
Washington Middle	42
Waters of Life	29
West Hawaii Explorations	68
Wheeler Middle	47

**Hawaii Grade 8 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Aiea Intermediate	51
Aliamanu Middle	51
Anuenue	27
Central Middle	34
Connections	43
Dole Middle	38
Education Laboratory	76
Ehunuikaimalino	56
Halau Ku Mana	43
Halau Lokahi	43
Hana High & Elementary	43
Hawaii Academy of Arts & Science	76
Hawaii Technology Academy	56
HCDB	5
Highlands Intermediate	51
Hilo Intermediate	46
Honokaa High & Intermediate	43
Iao Intermediate	46
Ilima Intermediate	46
Innovations	60
Jarrett Middle	43
Ka Waihona o ka Naauao	38
Kahuku High & Intermediate	51
Kailua Intermediate	56
Kaimuki Middle	60
Kalakaua Middle	43
Kalama Intermediate	46
Kalaniana'ole Elementary & Intermediate	38
Kamakahelei Middle	51
Kanu o ka Aina	46
Kapaa Middle	43
Kapolei Middle	46
Kau High & Pahala Elementary	30
Kaunikapono Learning Center	60
Kawaikini	46
Kawananakoa Middle	51
Ke Ana La`ahana	34
Ke Kula Niihau O Kekaha	38
Ke Kula o Nawahi	34
Ke Kula o Samuel M. Kamakau	30
Keaau Middle	46
Kealakehe Intermediate	43
Kihei	70
King Intermediate	43
Kohala Middle	43
Konawaena Middle	46

**Hawaii Grade 8 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Kua o ka La	46
Kula Aupuni Niihau	43
Lahaina Intermediate	38
Lanai High & Elementary	43
Laupahoehoe High & Elementary	27
Lokelani Intermediate	46
Maui Waena Intermediate	38
Mililani Middle	60
Moanalua Middle	60
Molokai Intermediate	27
Myron B. Thompson Academy	66
Nanakuli High & Intermediate	30
Niihau	9
Niu Valley Middle	60
Olomana	24
Paauiolo Elementary & Intermediate	46
Pahoa High & Intermediate	30
Stevenson Middle	46
Volcano School	70
Voyager	70
Wahiawa Middle	43
Waiakea Intermediate	51
Waialua High & Intermediate	51
Waianae Intermediate	34
Waimanalo Elementary & Intermediate	34
Waimea Canyon Elementary & Intermediate	43
Waimea Middle	43
Waipahu Intermediate	38
Washington Middle	46
Waters of Life	46
West Hawaii Explorations	66
Wheeler Middle	56

**Hawaii Grade 10 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Aiea High	47
Anuenue	32
Baldwin High	47
Campbell High	47
Castle High	40
Connections	56
Education Laboratory	69
Ehunuikaimalino	32
Farrington High	36
Halau Ku Mana	36
Halau Lokahi	43
Hana High & Elementary	32
Hawaii Academy of Arts & Science	64
Hawaii Technology Academy	56
HCDB	11
Hilo High	43
Honokaa High & Intermediate	36
Kahuku High & Intermediate	47
Kailua High	40
Kaimuki High	36
Kaiser High	51
Kalaheo High	51
Kalani High	56
Kanu o ka Aina	43
Kapaa High	47
Kapolei High	47
Kau High & Pahala Elementary	36
Kauai High	47
Kawaikini	51
Ke Ana La`ahana	51
Ke Kula Niihau O Kekaha	32
Ke Kula o Samuel M. Kamakau	32
Keaau High	36
Kealakehe High	47
Kekaulike High	51
Kihei	56

Hawaii Grade 10 Reading TerraNova Percentiles, SY 08/09 (Continued)

School	Percentile
Kohala High	40
Konawaena High	43
Kua o ka La	43
Lahainaluna High	43
Lanai High & Elementary	43
Laupahoehoe High & Elementary	40
Leilehua High	47
Maui High	40
McKinley High	51
Mililani High	56
Moanalua High	51
Molokai High	43
Myron B. Thompson Academy	60
Nanakuli High & Intermediate	29
Olomana	32
Pahoa High & Intermediate	32
Pearl City High	47
Radford High	47
Roosevelt High	47
Waiakea High	56
Waialua High & Intermediate	43
Waianae High	36
Waimea High	43
Waipahu High	40
Waters of Life	43
West Hawaii Explorations	69

**Hawaii Grade 3 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Ahuimanu Elementary	68
Aiea Elementary	27
Aikahi Elementary	77
Aina Haina Elementary	58
Ala Wai Elementary	49
Aliamanu Elementary	49
Aliiolani Elementary	49
August Ahrens Elementary	49
Barbers Point Elementary	33
Connections	40
de Silva Elementary	58
Education Laboratory	27
Eleele Elementary	49
Enchanted Lake Elementary	58
Ewa Beach Elementary	40
Ewa Elementary	33
Fern Elementary	27
Haaheo Elementary	40
Hahaione Elementary	68
Haiku Elementary	49
Halau Lokahi	49
Hale Kula Elementary	40
Haleiwa Elementary	33
Hana High & Elementary	40
Hanalei Elementary	68
Hauula Elementary	27
Hawaii Academy of Arts & Science	33
Hawaii Technology Academy	40
HCDB	4
Heeia Elementary	58
Helemano Elementary	33
Hickam Elementary	58
Hilo Union Elementary	27
Hokulani Elementary	58
Holomua Elementary	40
Holualoa Elementary	40
Honaunau Elementary	58
Honokaa Elementary	40
Honowai Elementary	21
Hookena Elementary & Intermediate	40
Iliahi Elementary	40
Innovations	40
Iroquois Point Elementary	58
Jefferson Elementary	33
Ka Waihona o ka Naauao	33
Kaaawa Elementary	58

**Hawaii Grade 3 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Kaahumanu Elementary	40
Kaala Elementary	40
Kaelepulu Elementary	68
Kaewai Elementary	14
Kahakai Elementary	27
Kahala Elementary	68
Kahaluu Elementary	49
Kahuku Elementary	33
Kahului Elementary	40
Kailua Elementary	40
Kaimiloa Elementary	33
Kainalu Elementary	49
Kaiulani Elementary	27
Kalaheo	49
Kalaniana'ole Elementary & Intermediate	40
Kaleiopuu Elementary	40
Kalihi Elementary	21
Kalihi-kai Elementary	33
Kalihi-uka Elementary	40
Kalihi-waena Elementary	33
Kamaile Academy	17
Kamalii Elementary	68
Kamehameha III Elementary	27
Kamiloiki Elementary	49
Kaneohe Elementary	58
Kanoelani Elementary	49
Kanu o ka Aina	17
Kapaa Elementary	33
Kapalama Elementary	40
Kapiolani Elementary	27
Kapolei Elementary	40
Kapunahala Elementary	58
Kau High & Pahala Elementary	21
Kauluwela Elementary	49
Kaumana Elementary	33
Kaumualii Elementary	49
Kaunakakai Elementary	40
Kaunikapono Learning Center	5
Keaau Elementary	40
Kealakehe Elementary	33
Keaukaha Elementary	40
Kekaha Elementary	40
Keolu Elementary	33
Keonepoko Elementary	27
Keoneula Elementary	40
Kihei	94
Kihei Elementary	49
Kilauea Elementary	58
Kilohana Elementary	40



**Hawaii Grade 3 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Kipapa Elementary	40
Kohala Elementary	33
Koko Head Elementary	58
Koloa Elementary	68
Kona Pacific	17
Konawaena Elementary	40
Kualapuu Elementary	33
Kuhio Elementary	49
Kula Aupuni Niihau	11
Kula Elementary	49
Laie Elementary	49
Lanai High & Elementary	40
Lanakila Elementary	49
Lanikai Elementary	58
Laupahoehoe High & Elementary	49
Lehua Elementary	40
Leihoku Elementary	27
Lihikai Elementary	33
Liholiho Elementary	58
Likelike Elementary	40
Liliuokalani Elementary	49
Lincoln Elementary	40
Lunalilo Elementary	40
Maemae Elementary	68
Maili Elementary	17
Makaha Elementary	27
Makakilo Elementary	49
Makalapa Elementary	33
Makawao Elementary	49
Manana Elementary	49
Manoa Elementary	68
Mauka Lani Elementary	33
Maunaloa Elementary	21
Maunawili Elementary	33
Mililani Ike Elementary	68
Mililani Mauka Elementary	58
Mililani Uka Elementary	58
Mililani Waena Elementary	49
Moanalua Elementary	49
Mokapu Elementary	49
Mokulele Elementary	33
Momilani Elementary	68
Mountain View Elementary	27
Myron B. Thompson Academy	27
Naalehu Elementary & Intermediate	21
Nahienaena Elementary	21

**Hawaii Grade 3 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Nanaikapono Elementary	21
Nanakuli Elementary	21
Nimitz Elementary	40
Noelani Elementary	58
Nuuanu Elementary	68
Paauilo Elementary & Intermediate	49
Pahoa Elementary	27
Paia Elementary	49
Palisades Elementary	49
Palolo Elementary	33
Parker Elementary	40
Pauoa Elementary	49
Pearl City Elementary	40
Pearl City Highlands Elementary	49
Pearl Harbor Elementary	33
Pearl Harbor Kai Elementary	40
Pearl Ridge Elementary	68
Pohakea Elementary	49
Pomakai Elementary	40
Pope Elementary	33
Pukalani Elementary	40
Puohala Elementary	58
Puuhale Elementary	27
Red Hill Elementary	40
Royal Elementary	40
Salt Lake Elementary	40
Scott Elementary	49
Shafter Elementary	40
Solomon Elementary	49
Sunset Beach Elementary	68
Volcano School	27
Voyager	49
Wahiawa Elementary	33
Waiahole Elementary	7
Waiakea Elementary	40
Waiakeawaena Elementary	33
Waialae Elementary	49
Waialua Elementary	58
Waianae Elementary	17
Waiau Elementary	40
Waihee Elementary	49
Waikele Elementary	40
Waikiki Elementary	68
Waikoloa Elementary	58
Wailuku Elementary	40
Wailupe Valley Elementary	27
Waimalu Elementary	40
Waimanalo Elementary & Intermediate	27
Waimea Elementary	21
Waipahu Elementary	27
Waters of Life	33
Webling Elementary	58
Wheeler Elementary	49
Wilcox Elementary	49
Wilson Elementary	68

**Hawaii Grade 5 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Ahuimanu Elementary	71
Aiea Elementary	38
Aikahi Elementary	71
Aina Haina Elementary	77
Ala Wai Elementary	44
Aliamanu Elementary	49
Aliiolani Elementary	63
Anuenue	33
August Ahrens Elementary	56
Barbers Point Elementary	49
Connections	44
de Silva Elementary	56
Education Laboratory	29
Ehunuikaimalino	29
Eleele Elementary	49
Enchanted Lake Elementary	56
Ewa Beach Elementary	38
Ewa Elementary	49
Fern Elementary	29
Haaheo Elementary	56
Hahaione Elementary	63
Haiku Elementary	49
Halau Lokahi	44
Hale Kula Elementary	44
Haleiwa Elementary	29
Hana High & Elementary	38
Hanalei Elementary	77
Hauula Elementary	44
Hawaii Academy of Arts & Science	56
Hawaii Technology Academy	63
HCDB	1
Heeia Elementary	38
Helemano Elementary	44
Hickam Elementary	56
Hilo Union Elementary	44
Hokulani Elementary	63
Holomua Elementary	49
Holualoa Elementary	63
Honaunau Elementary	49
Honokaa Elementary	38
Honowai Elementary	38
Hookena Elementary & Intermediate	33
Iliahi Elementary	56
Innovations	49
Iroquois Point Elementary	49
Jefferson Elementary	56

**Hawaii Grade 5 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Ka Umeke Kaeo	44
Ka Waihona o ka Naauao	49
Kaaawa Elementary	56
Kaahumanu Elementary	44
Kaala Elementary	44
Kaelepulu Elementary	56
Kaewai Elementary	29
Kahakai Elementary	38
Kahala Elementary	77
Kahaluu Elementary	33
Kahuku Elementary	38
Kahului Elementary	44
Kailua Elementary	44
Kaimiloa Elementary	44
Kainalu Elementary	49
Kaiulani Elementary	33
Kalaheo	56
Kalaniana'ole Elementary & Intermediate	33
Kaleiopuu Elementary	49
Kalihi Elementary	44
Kalihi-kai Elementary	38
Kalihi-uka Elementary	63
Kalihi-waena Elementary	33
Kamaile Academy	21
Kamalii Elementary	49
Kamehameha III Elementary	33
Kamiloiki Elementary	63
Kaneohe Elementary	63
Kanoelani Elementary	49
Kanu o ka Aina	38
Kapaa Elementary	38
Kapalama Elementary	49
Kapiolani Elementary	38
Kapolei Elementary	44
Kapunahala Elementary	56
Kau High & Pahala Elementary	29
Kauluwela Elementary	63
Kaumana Elementary	49
Kaumualii Elementary	44
Kaunakakai Elementary	63
Kaunikapono Learning Center	29
Kawaikini	29
Ke Kula Niihau O Kekaha	9
Ke Kula o Nawahi	9
Ke Kula o Samuel M. Kamakau	18
Keaau Elementary	44
Kealakehe Elementary	38

**Hawaii Grade 5 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Keaukaha Elementary	56
Kekaha Elementary	38
Keolu Elementary	49
Keonepoko Elementary	21
Keoneula Elementary	44
Kihei	63
Kihei Elementary	56
Kilauea Elementary	56
Kilohana Elementary	56
Kipapa Elementary	38
Kohala Elementary	33
Koko Head Elementary	71
Koloa Elementary	49
Konawaena Elementary	49
Kualapuu Elementary	38
Kuhio Elementary	38
Kula Aupuni Niihau	9
Kula Elementary	56
Laie Elementary	56
Lanai High & Elementary	63
Lanakila Elementary	49
Lanikai Elementary	56
Laupahoehoe High & Elementary	44
Lehua Elementary	44
Leihoku Elementary	44
Lihikai Elementary	38
Liholiho Elementary	71
Likelike Elementary	33
Liliuokalani Elementary	44
Lincoln Elementary	49
Lunalilo Elementary	63
Maemae Elementary	77
Maili Elementary	33
Makaha Elementary	29
Makakilo Elementary	44
Makalapa Elementary	71
Makawao Elementary	44
Manana Elementary	63
Manoa Elementary	71
Mauka Lani Elementary	44
Maunaloa Elementary	38
Maunawili Elementary	44
Mililani Ike Elementary	71
Mililani Mauka Elementary	71
Mililani Uka Elementary	49
Mililani Waena Elementary	44
Moanalua Elementary	63
Mokapu Elementary	44

**Hawaii Grade 5 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Mokulele Elementary	49
Momilani Elementary	85
Mountain View Elementary	38
Myron B. Thompson Academy	49
Naalehu Elementary & Intermediate	15
Nahienaena Elementary	33
Nanaikapono Elementary	21
Nanakuli Elementary	29
Nimitz Elementary	44
Noelani Elementary	77
Nuuanu Elementary	63
Paauiolo Elementary & Intermediate	49
Pahoa Elementary	38
Paia Elementary	38
Palisades Elementary	63
Palolo Elementary	33
Parker Elementary	38
Pauoa Elementary	56
Pearl City Elementary	38
Pearl City Highlands Elementary	63
Pearl Harbor Elementary	38
Pearl Harbor Kai Elementary	56
Pearl Ridge Elementary	63
Pohakea Elementary	44
Pomakai Elementary	44
Pope Elementary	18
Pukalani Elementary	49
Puohala Elementary	56
Puuhale Elementary	44
Red Hill Elementary	44
Royal Elementary	63
Salt Lake Elementary	44
Scott Elementary	44
Shafter Elementary	63
Solomon Elementary	38
Sunset Beach Elementary	63
Volcano School	63
Voyager	44

---

**Hawaii Grade 5 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Wahiawa Elementary	29
Waiahole Elementary	44
Waiakea Elementary	49
Waiakeawaena Elementary	44
Waialae Elementary	49
Waialua Elementary	49
Waianae Elementary	18
Waiuu Elementary	44
Waihee Elementary	49
Waiale Elementary	33
Waikiki Elementary	71
Waikoloa Elementary	29
Wailuku Elementary	44
Wailupe Valley Elementary	77
Waimalu Elementary	56
Waimanalo Elementary & Intermediate	33
Waimea Elementary	29
Waipahu Elementary	33
Waters of Life	21
Webbing Elementary	49
Wheeler Elementary	63
Wilcox Elementary	44
Wilson Elementary	77

**Hawaii Grade 7 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Aiea Intermediate	41
Aliamanu Middle	41
Anuenue	17
Central Middle	29
Connections	33
Dole Middle	29
Education Laboratory	55
Ehunuikaimalino	41
Halau Ku Mana	23
Halau Lokahi	20
Hana High & Elementary	33
Hawaii Academy of Arts & Science	45
Hawaii Technology Academy	55
HCDB	8
Highlands Intermediate	50
Hilo Intermediate	37
Honokaa High & Intermediate	41
Iao Intermediate	37
Ilima Intermediate	37
Innovations	45
Jarrett Middle	37
Ka Umeke Kaeo	33
Ka Waihona o ka Naauao	29
Kahuku High & Intermediate	45
Kailua Intermediate	50
Kaimuki Middle	59
Kalakaua Middle	29
Kalama Intermediate	29
Kalaniana'ole Elementary & Intermediate	29
Kamakahelei Middle	41
Kanu o ka Aina	37
Kapaa Middle	41
Kapolei Middle	41
Kau High & Pahala Elementary	41
Kaunikapono Learning Center	37
Kawaikini	13
Kawananakoa Middle	55
Ke Ana La`ahana	37
Ke Kula Niihau O Kekaha	5
Ke Kula o Nawahi	23
Ke Kula o Samuel M. Kamakau	8
Keaau Middle	33
Kealakehe Intermediate	33
Kihei	45
King Intermediate	41
Kohala Middle	37



**Hawaii Grade 7 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Konawaena Middle	33
Kua o ka La	29
Kula Aupuni Niihau	17
Lahaina Intermediate	33
Lanai High & Elementary	37
Laupahoehoe High & Elementary	17
Lokelani Intermediate	41
Maui Waena Intermediate	37
Mililani Middle	45
Moanalua Middle	50
Molokai Intermediate	37
Myron B. Thompson Academy	45
Naalehu Elementary & Intermediate	23
Nanakuli High & Intermediate	26
Niihau	5
Niu Valley Middle	55
Olomana	33
Paaui Elementary & Intermediate	55
Pahoa High & Intermediate	26
Stevenson Middle	41
Volcano School	33
Voyager	59
Wahiawa Middle	37
Waiakea Intermediate	41
Waialua High & Intermediate	45
Waianae Intermediate	29
Waikoloa Elementary	37
Waimanalo Elementary & Intermediate	29
Waimea Canyon Elementary & Intermediate	50
Waimea Middle	37
Waipahu Intermediate	33
Washington Middle	45
Waters of Life	20
West Hawaii Explorations	55
Wheeler Middle	45

**Hawaii Grade 8 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Aiea Intermediate	48
Aliamanu Middle	54
Anuenue	32
Central Middle	37
Connections	43
Dole Middle	43
Education Laboratory	64
Ehunuikaimalino	37
Halau Ku Mana	37
Halau Lokahi	37
Hana High & Elementary	43
Hawaii Academy of Arts & Science	64
Hawaii Technology Academy	48
HCDB	4
Highlands Intermediate	54
Hilo Intermediate	43
Honokaa High & Intermediate	43
Iao Intermediate	48
Ilima Intermediate	43
Innovations	54
Jarrett Middle	43
Ka Waihona o ka Naauao	32
Kahuku High & Intermediate	48
Kailua Intermediate	59
Kaimuki Middle	75
Kalakaua Middle	43
Kalama Intermediate	43
Kalaniana'ole Elementary & Intermediate	27
Kamakahelei Middle	43
Kanu o ka Aina	48
Kapaa Middle	37
Kapolei Middle	48
Kau High & Pahala Elementary	27
Kaunikapono Learning Center	59
Kawaikini	48
Kawanakoa Middle	59

**Hawaii Grade 8 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Ke Ana La`ahana	43
Ke Kula Niihau O Kekaha	32
Ke Kula o Nawahi	37
Ke Kula o Samuel M. Kamakau	27
Keaau Middle	43
Kealakehe Intermediate	43
Kihei	64
King Intermediate	43
Kohala Middle	43
Konawaena Middle	48
Kua o ka La	17
Kula Aupuni Niihau	37
Lahaina Intermediate	37
Lanai High & Elementary	48
Laupahoehoe High & Elementary	22
Lokelani Intermediate	48
Maui Waena Intermediate	37
Mililani Middle	59
Moanalua Middle	54
Molokai Intermediate	37
Myron B. Thompson Academy	70
Nanakuli High & Intermediate	32
Niihau	2
Niu Valley Middle	59
Olomana	22
Paauiilo Elementary & Intermediate	54
Pahoa High & Intermediate	32
Stevenson Middle	54
Volcano School	54
Voyager	75
Wahiawa Middle	43
Waiakea Intermediate	48
Waialua High & Intermediate	43
Waianae Intermediate	32
Waimanalo Elementary & Intermediate	37
Waimea Canyon Elementary & Intermediate	48
Waimea Middle	37
Waipahu Intermediate	43
Washington Middle	59
Waters of Life	37
West Hawaii Explorations	54
Wheeler Middle	54

**Hawaii Grade 10 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Aiea High	56
Anuenue	29
Baldwin High	56
Campbell High	56
Castle High	50
Connections	50
Education Laboratory	78
Ehunuikaimalino	29
Farrington High	43
Halau Ku Mana	50
Halau Lokahi	36
Hana High & Elementary	43
Hawaii Academy of Arts & Science	56
Hawaii Technology Academy	56
HCDB	8
Hilo High	56
Honokaa High & Intermediate	43
Kahuku High & Intermediate	56
Kailua High	50
Kaimuki High	50
Kaiser High	62
Kalaheo High	62
Kalani High	73
Kanu o ka Aina	50
Kapaa High	50
Kapolei High	50
Kau High & Pahala Elementary	43
Kauai High	56
Kawaikini	22
Ke Ana La`ahana	50
Ke Kula Niihau O Kekaha	50
Ke Kula o Samuel M. Kamakau	36
Keaau High	29
Kealakehe High	50
Kekaulike High	56
Kihei	50
Kohala High	43

**Hawaii Grade 10 Math TerraNova Percentiles, SY08/09 (Continued)**

School	Percentile
Konawaena High	50
Kua o ka La	29
Lahainaluna High	43
Lanai High & Elementary	50
Laupahoehoe High & Elementary	43
Leilehua High	56
Maui High	50
McKinley High	67
Mililani High	67
Moanalua High	62
Molokai High	56
Myron B. Thompson Academy	62
Nanakuli High & Intermediate	29
Olomana	29
Pahoa High & Intermediate	36
Pearl City High	56
Radford High	56
Roosevelt High	62
Waiakea High	62
Waialua High & Intermediate	50
Waianae High	43
Waimea High	56
Waipahu High	43
Waters of Life	29
West Hawaii Explorations	62

**Anchorage, Alaska Grade 5 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Abbott Loop Elementary School	35
Airport Heights Elementary School	29
Alaska Native Charter	27
Alaska State School for the Deaf and Hard of Hearing	6
Alpenglow Elementary School	66
Aquarian Charter School	66
Aurora Elementary School	61
Baxter Elementary School	51
Bayshore Elementary School	70
Bear Valley Elementary School	67
Birchwood ABC Elementary School	65
Bowman Elementary School	48
Campbell Elementary School	44
Chester Valley Elementary School	33
Chinook Elementary School	40
Chugach Optional Elementary School	85
Chugiak Elementary School	61
College Gate Elementary School	39
Creekside Park Elementary School	40
Denali Montessori School	59
Eagle Academy Charter School	74
Eagle River Elementary School	51
Fairview Elementary School	31
Family Partnership Charter School	60
Fire Lake Elementary School	48
Frontier Charter School	48
Girdwood School	73
Gladys Wood Elementary School	38
Government Hill Elementary School	48
Homestead Elementary School	59
Huffman Elementary School	58
Inlet View Elementary School	59
Kasuun Elementary School	51
Kincaid Elementary School	56
Klatt Elementary School	39
Lake Hood Elementary School	50
Lake Otis Elementary School	42
Mountain View Elementary School	26
Mt. Spurr Elementary School	55
Muldoon Elementary School	25
North Star Elementary School	22
Northern Lights ABC School	74
Northwood Elementary School	35
Nunaka Valley Elementary School	53
Ocean View Elementary School	59
O'Malley Elementary School	61

**Anchorage, Alaska Grade 5 Reading TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Orion Elementary School	57
Polaris K-12 School	70
Ptarmigan Elementary School	41
Rabbit Creek Elementary School	70
Ravenwood Elementary School	66
Rilke Schule Charter School	51
Rogers Park Elementary School	63
Russian Jack Elementary School	45
Sand Lake Elementary School	63
Scenic Park Elementary School	48
Spring Hill Elementary School	44
Susitna Elementary School	37
Taku Elementary School	47
Trailside Elementary School	61
Tudor Elementary School	49
Turnagain Elementary School	53
Tyson Elementary School	29
Ursa Major Elementary School	46
Ursa Minor Elementary School	46
Whaley Center	15
Williwaw Elementary School	24
Willow Crest Elementary School	31
Winterberry Charter School	61
Wonder Park Elementary School	37

---

**Anchorage, Alaska Grade 7 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Begich Middle School	48
Benson Secondary School/SEARCH	34
Central Middle School of Science	61
Continuation School	38
Family Partnership Charter School	66
Frontier Charter School	74
Girdwood School	80
Goldenview Middle School	73
Gruening Middle School	68
Hanshaw Middle School	55
Highland Tech Charter School	64
McLaughlin School	33
Mears Middle School	64
Mirror Lake Middle School	68
Northern Lights ABC School	80
Polaris K-12 School	83
Rilke Schule Charter School	48
Romig Middle School	53
Steller Secondary School	85
Wendler Middle School	50
Whaley Center	34
Winterberry Charter School	48



**Anchorage, Alaska Grade 5 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Abbott Loop Elementary School	30
Airport Heights Elementary School	26
Alaska Native Charter	18
Alaska State School for the Deaf and Hard of Hearing	20
Alpenglow Elementary School	66
Aquarian Charter School	73
Aurora Elementary School	60
Baxter Elementary School	51
Bayshore Elementary School	66
Bear Valley Elementary School	73
Birchwood ABC Elementary School	62
Bowman Elementary School	48
Campbell Elementary School	44
Chester Valley Elementary School	41
Chinook Elementary School	37
Chugach Optional Elementary School	76
Chugiak Elementary School	62
College Gate Elementary School	37
Creekside Park Elementary School	40
Denali Montessori School	51
Eagle Academy Charter School	73
Eagle River Elementary School	51
Fairview Elementary School	50
Family Partnership Charter School	48
Fire Lake Elementary School	51
Frontier Charter School	39
Girdwood School	68
Gladys Wood Elementary School	45
Government Hill Elementary School	41
Homestead Elementary School	65
Huffman Elementary School	62
Inlet View Elementary School	56
Kasuun Elementary School	53
Kincaid Elementary School	61
Klatt Elementary School	44
Lake Hood Elementary School	55
Lake Otis Elementary School	38
Mountain View Elementary School	37
Mt. Spurr Elementary School	61
Muldoon Elementary School	25
North Star Elementary School	24
Northern Lights ABC School	70
Northwood Elementary School	42

**Anchorage, Alaska Grade 5 Math TerraNova Percentiles, SY 08/09 (Continued)**

School	Percentile
Nunaka Valley Elementary School	46
Ocean View Elementary School	53
O'Malley Elementary School	58
Orion Elementary School	60
Polaris K-12 School	47
Ptarmigan Elementary School	45
Rabbit Creek Elementary School	64
Ravenwood Elementary School	65
Rilke Schule Charter School	57
Rogers Park Elementary School	64
Russian Jack Elementary School	48
Sand Lake Elementary School	55
Scenic Park Elementary School	44
Spring Hill Elementary School	54
Susitna Elementary School	39
Taku Elementary School	42
Trailside Elementary School	63
Tudor Elementary School	53
Turnagain Elementary School	42
Tyson Elementary School	35
Ursa Major Elementary School	45
Ursa Minor Elementary School	44
Whaley Center	7
Williwaw Elementary School	25
Willow Crest Elementary School	37
Winterberry Charter School	54
Wonder Park Elementary School	35

---

**Anchorage, Alaska Grade 7 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Begich Middle School	43
Benson Secondary School/SEARCH	16
Central Middle School of Science	59
Continuation School	47
Family Partnership Charter School	55
Frontier Charter School	61
Girdwood School	71
Goldenview Middle School	73
Gruening Middle School	63
Hanshaw Middle School	53
Highland Tech Charter School	57
McLaughlin School	24
Mears Middle School	63
Mirror Lake Middle School	63
Northern Lights ABC School	81
Polaris K-12 School	75
Rilke Schule Charter School	68
Romig Middle School	55
Steller Secondary School	80
Wendler Middle School	47
Whaley Center	14
Winterberry Charter School	46

**DDESS Grade 3 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Antilles	52
Ashurst	62
Barkley	56
Bitz	57
Bolden	51
Bowley	55
Brittin	55
Butner	60
Dahlgren	78
Delalio	70
Devers	48
Dexter	65
Diamond	47
Ft Rucker	57
Gordon	36
Holbrook	56
Jackson	49
Kessler	45
Kingsolver	68
Lincoln	67
Loyd	63
Lucas	66
Marshall	42
Maxwell	71
McBride	55
McNair	53
Mudge	75
Murray	86
Pierce	52
Pinckney	57
Pope	62
Ramey School	57
Russell	65
Stowers	48
Tarawa Terii	44
Van Voorhis	61
W T Sampson	65
West Point	74
White	75
Wilson	37

---

**DDESS Grade 5 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Antilles	53
Barkley	64
Bitz	59
Bolden	54
Brittin	41
Burrows	66
Dahlgren	52
Delalio	64
Dexter	77
Diamond	54
Ft Rucker	64
Gordon	58
Irwin	50
Jackson	59
Kessler	40
Lincoln	57
Loyd	58
Lucas	65
MacDonald	65
Marshall	56
Maxwell	69
McBride	58
Pinckney	56
Ramey School	47
Stowers	62
Tarawa Terii	53
W T Sampson	58
Walker	53
West Point	75
White	81
Wilson	59

---

**DDESS Grade 7 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Albritton	58
Antilles	63
Bolden	61
Brewster	60
Dahlgren	*
Faith	66
Mahaffey	63
Quantico	69
Ramey School	56
Scott	68
W T Sampson	68
Wassom	56
West Point	74

**DDESS Grade 8 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Albritton	61
Antilles	60
Bolden	62
Brewster	62
Dahlgren	*
Faith	63
Mahaffey	67
Quantico	77
Ramey School	58
Scott	65
W T Sampson	52
Wassom	58
West Point	85

**DDESS Grade 10 Reading TerraNova Percentiles, SY 08/09**

School	Percentile
Antilles	62
Campbell	67
Ft Knox	71
Lejeune	64
Quantico	71
Ramey School	66
W T Sampson	82

**DDESS Grade 3 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Antilles	58
Ashurst	57
Barkley	59
Bitz	56
Bolden	53
Bowley	65
Brittin	46
Butner	67
Dahlgren	86
Delalio	70
Devers	42
Dexter	70
Diamond	55
Ft Rucker	54
Gordon	42
Holbrook	57
Jackson	47
Kessler	42
Kingsolver	72
Lincoln	61
Loyd	71
Lucas	62
Marshall	43
Maxwell	72
McBride	46
McNair	62
Mudge	72
Murray	76
Pierce	62
Pinckney	44
Pope	49
Ramey School	62
Russell	56
Stowers	44
Tarawa Terii	39
Van Voorhis	69
W T Sampson	59
West Point	71
White	66
Wilson	43

---

**DDESS Grade 5 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Antilles	53
Barkley	60
Bitz	62
Bolden	56
Brittin	53
Burrows	64
Dahlgren	71
Delalio	81
Dexter	81
Diamond	55
Ft Rucker	61
Gordon	56
Irwin	50
Jackson	55
Kessler	52
Lincoln	58
Loyd	63
Lucas	66
MacDonald	63
Marshall	55
Maxwell	67
McBride	63
Pinckney	55
Ramey School	58
Stowers	63
Tarawa Terii	48
W T Sampson	62
Walker	61
West Point	64
White	71
Wilson	67



---

**DDESS Grade 7 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Albritton	52
Antilles	53
Bolden	59
Brewster	60
Dahlgren	*
Faith	69
Mahaffey	59
Quantico	58
Ramey School	53
Scott	60
W T Sampson	72
Wassom	49
West Point	79

**DDESS Grade 8 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Albritton	49
Antilles	55
Bolden	67
Brewster	59
Dahlgren	*
Faith	66
Mahaffey	59
Quantico	61
Ramey School	51
Scott	60
W T Sampson	57
Wassom	51
West Point	82

**DDESS Grade 10 Math TerraNova Percentiles, SY 08/09**

School	Percentile
Antilles	59
Campbell	52
Ft Knox	56
Lejeune	59
Quantico	60
Ramey School	61
W T Sampson	76

## Appendix F: Impact Aid

### Overview

Impact Aid is administered by the U.S. Department of Education and is designed to assist local education agencies that educate a large number of children living on federal, and therefore non-taxable, land. Impact Aid funding applies to military bases, federally owned low-income housing, land taken by the federal government through eminent domain, and Indian lands. Section 8003 in the Impact Aid legislation, also known as Basic Support Payments, is the section of Impact Aid that includes federal land with military housing and housing on military bases.

### Funding Calculation

To calculate Impact Aid funding, a complex formula is applied using weighted federal student units. The basic support payment is calculated by multiplying the number of eligible students by their appropriate weights, and by the Local Contribution Rate. The weights are as follows: military dependent students that reside on federal property are weighted at 1.00, as are students who are children of civilians who live and work on federal property. A civilian student whose parent only works on federal property is weighted at .05. In addition to weights, the amount the school district receives also depends on its own local contribution rate (LCR) which determines the local financial burden incurred to provide education to these students, and is based on half of the state or national per pupil expenditure (whichever is larger). Therefore, the amount of Impact Aid funding a district receives directly depends on the number and type of federally connected students and the LCR.

In the table below are the Impact Aid payments-to-date to Hawaii and the comparison districts, as reported by the US DoE. It should be noted that payments to districts for are not always dispersed in the appropriate school year. These numbers represent what each district has been paid by the US DoE to date for each fiscal year. There may be outstanding payments not captured in these figures.

Impact Aid payments, FY 2007-2009

	Hawaii	Anchorage	Clover Park	San Diego Unified	Travis Unified
<b>FY 2009</b>	\$41,073,630	\$587,381	\$11,499,742	\$6,203,418	\$2,915,321
<b>FY 2008</b>	\$38,420,995	\$738,781	\$9,812,833	\$6,336,781	\$2,982,782
<b>FY 2007</b>	\$40,897,944	\$507,665	\$10,833,594	\$5,706,988	\$3,123,228

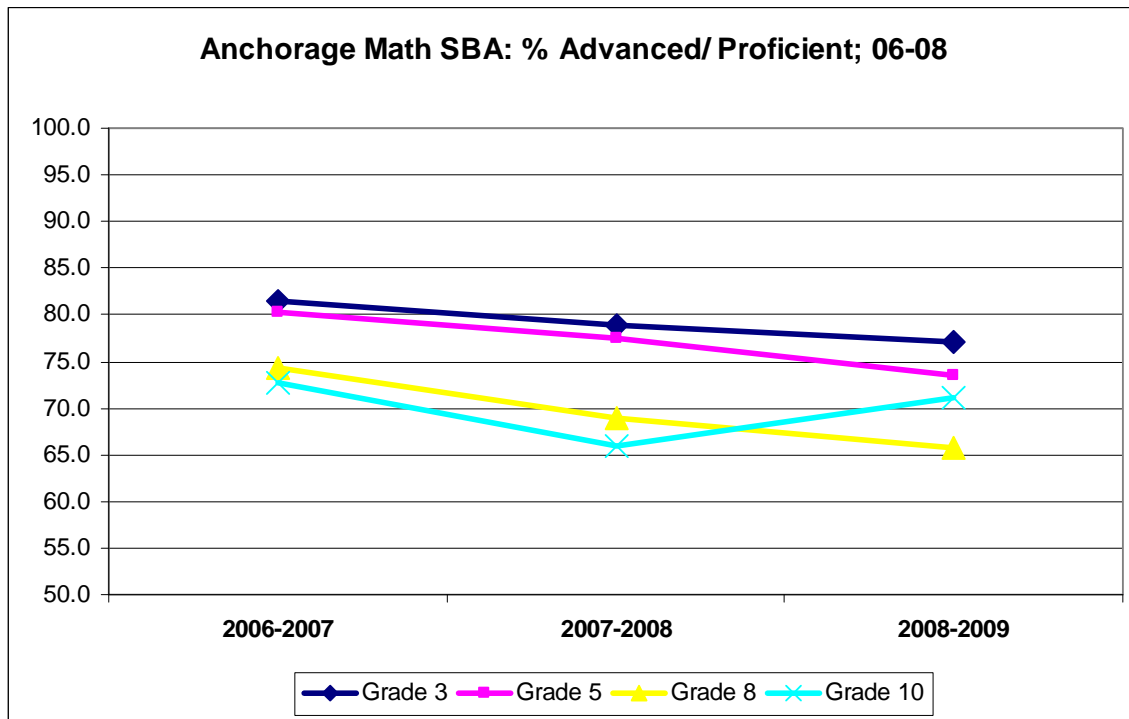
Source: US Department of Education

## Appendix G: Trend Data

Trend Data: Performance

Anchorage Trend Data

SBA/MATH

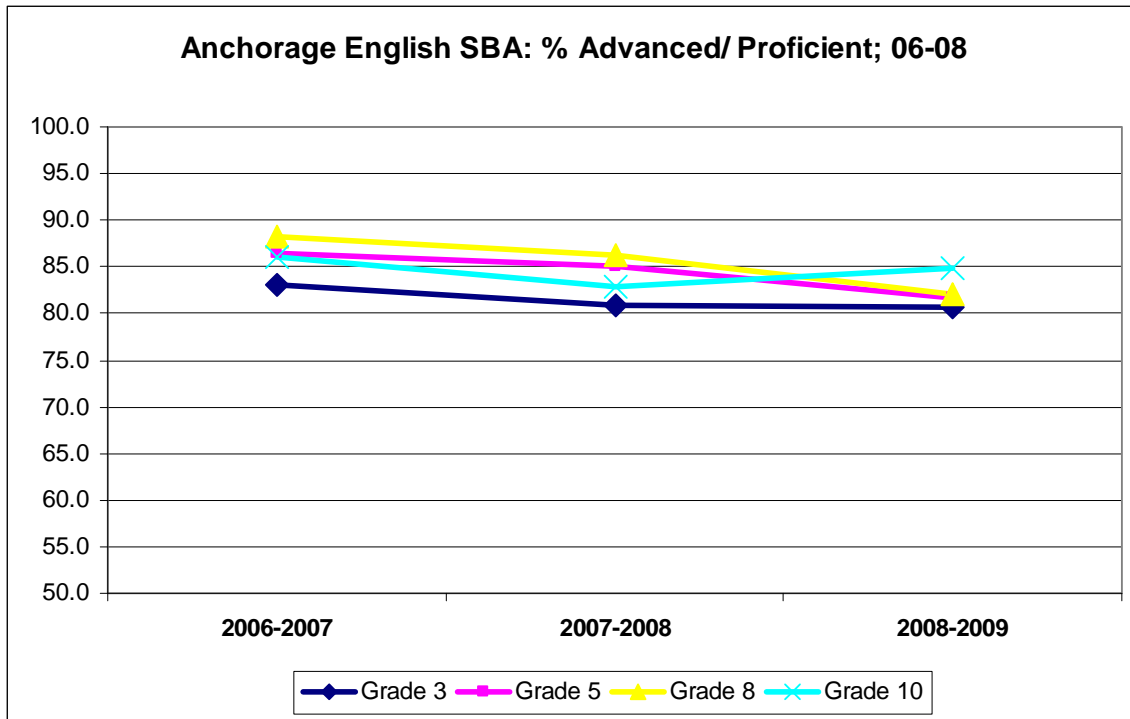


**Math: Anchorage SBA % Advanced/ Proficient**

	2006-2007	2007-2008	2008-2009
Grade 3	81.5	78.9	77.0
Grade 5	80.2	77.5	73.5
Grade 8	74.4	68.9	65.8
Grade 10	72.7	65.9	71.2

Source: Anchorage Public Schools

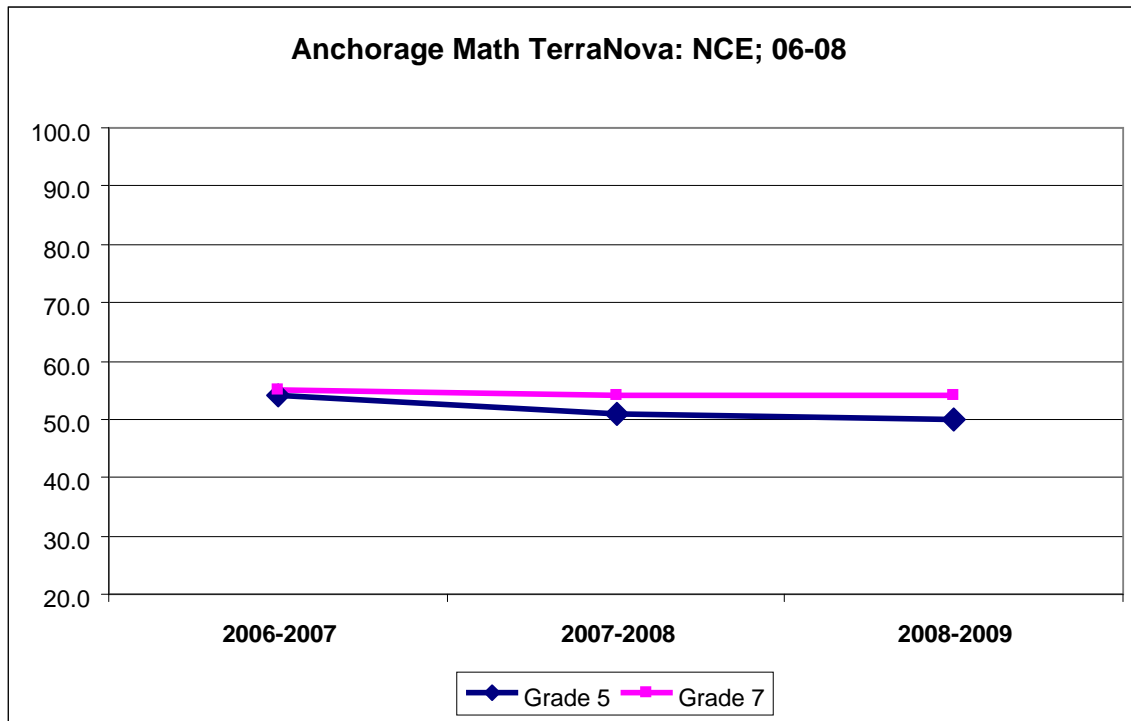
SBA/READING



Reading: Anchorage SBA % Advanced/ Proficient

	2006-2007	2007-2008	2008-2009
Grade 3	83.1	80.9	80.7
Grade 5	86.4	85.1	81.6
Grade 8	88.3	86.3	82.0
Grade 10	86.0	82.9	84.8

Source: Anchorage Public Schools



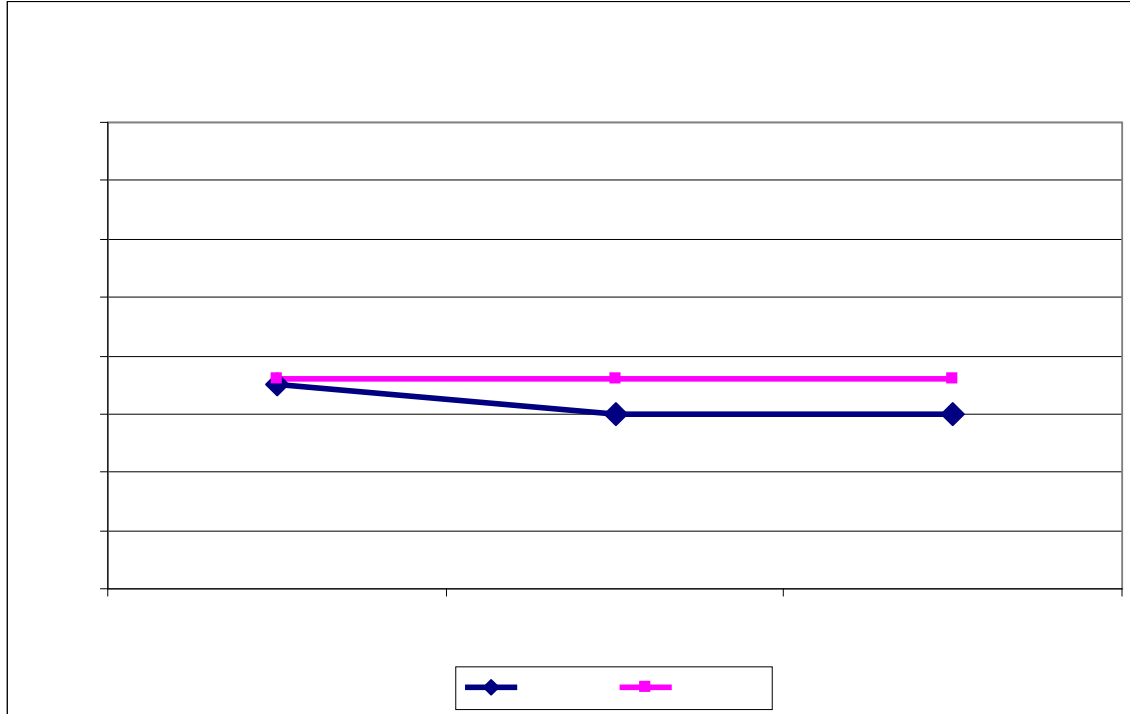
**Math: Anchorage TerraNova**

	2006-2007	2007-2008	2008-2009
Grade 5	54.0	51.0	50.0
Grade 7	55.0	54.0	54.0

Source: Anchorage Public Schools

<sup>37</sup> Data are reported as Mean Normal Curve Equivalent, not Percentile

TERRANOVA/READING<sup>38</sup>



Reading: Anchorage TerraNova

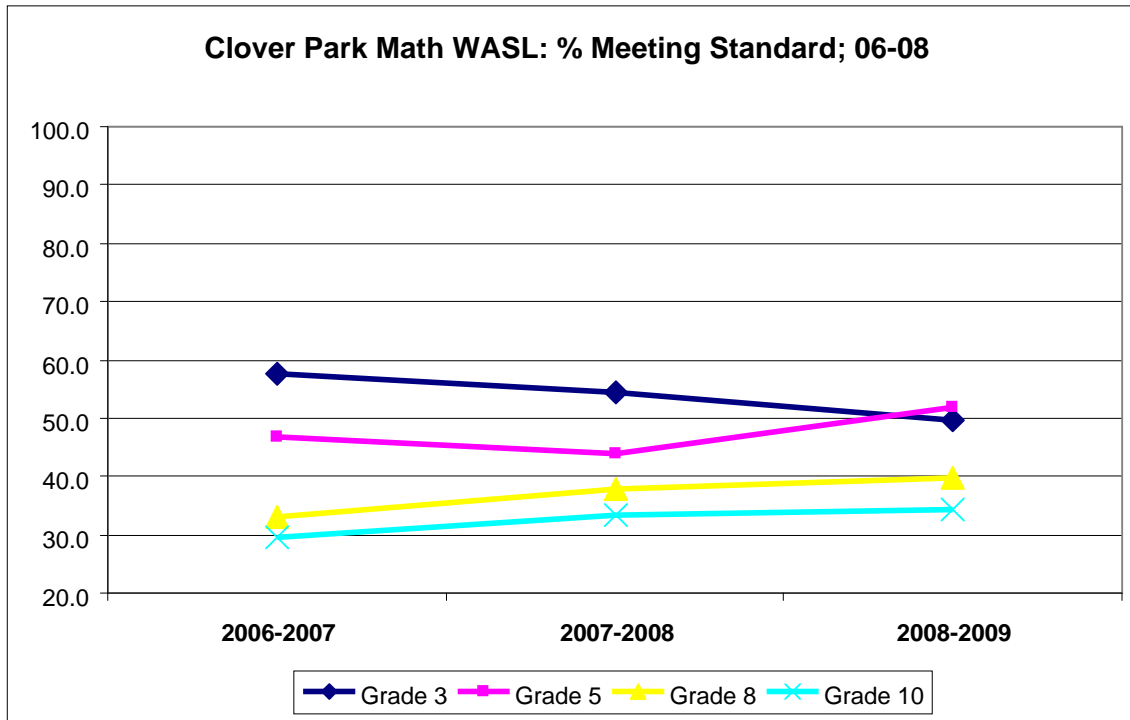
	2006-2007	2007-2008	2008-2009
Grade 5	55.0	50.0	50.0
Grade 7	56.0	56.0	56.0

Source: Anchorage Public Schools

<sup>38</sup> Data are reported as Mean Normal Curve Equivalent, not Percentile

Clover Park Trend Data

WASL/MATH

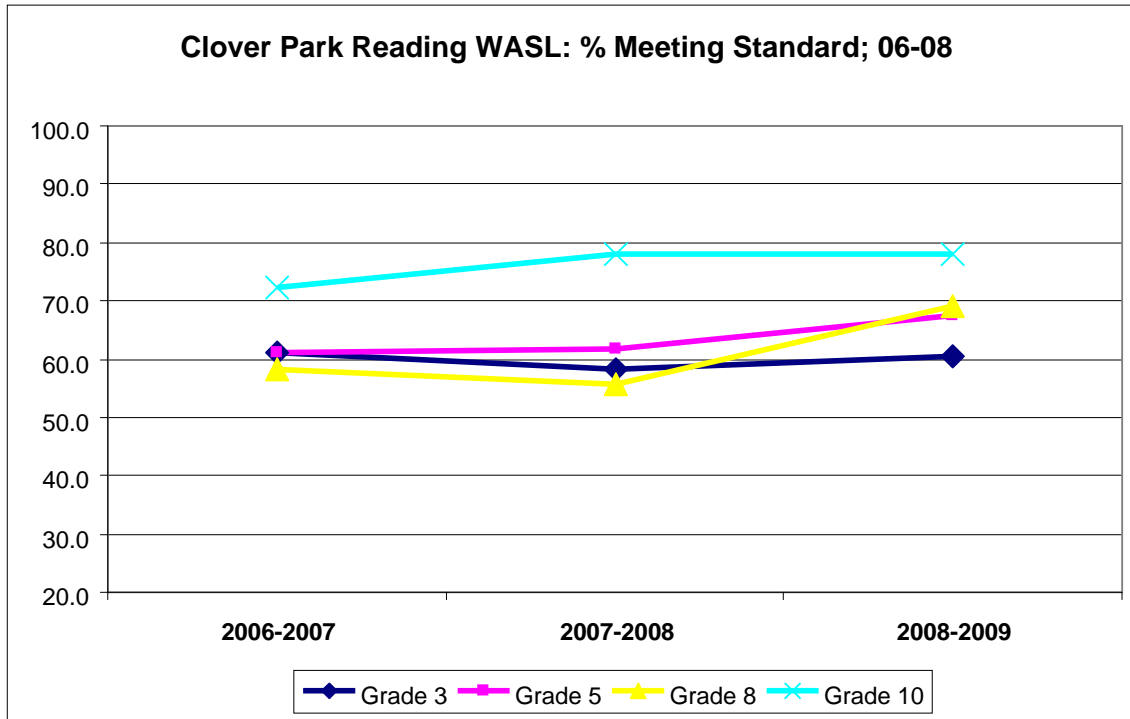


Math: Clover Park WASL: % Meeting Standard

	2006-2007	2007-2008	2008-2009
Grade 3	57.6	54.5	49.7
Grade 5	46.9	44.0	51.8
Grade 8	33.2	37.7	39.8
Grade 10	29.7	33.5	34.2

Source: Clover Park School District

**WASL/READING**



**Reading: Clover Park WASL: % Meeting Standard**

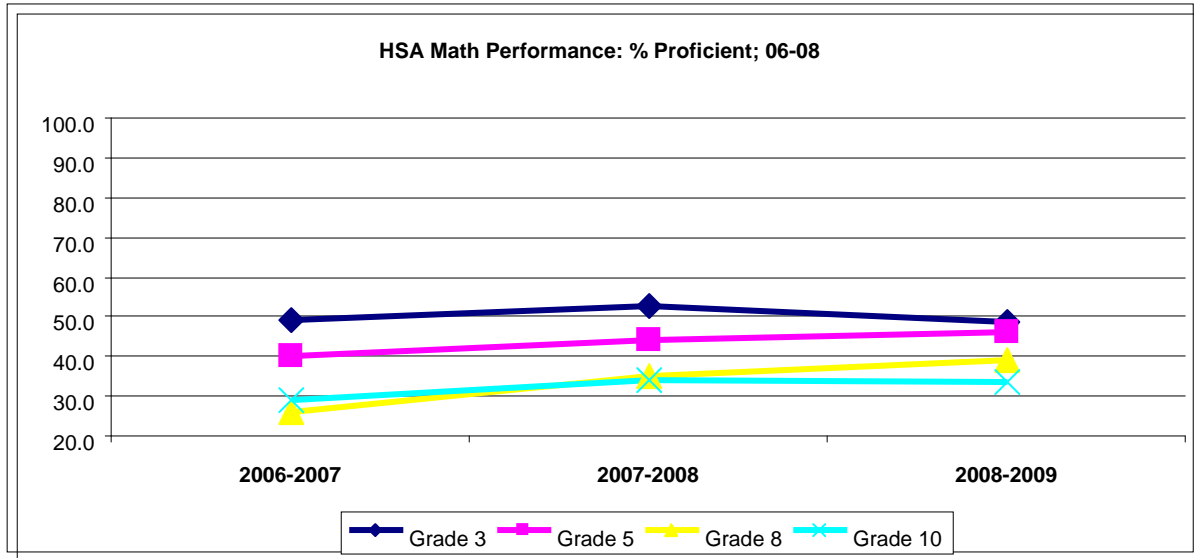
	2006-2007	2007-2008	2008-2009
Grade 3	61.2	58.1	60.4
Grade 5	61.1	61.7	67.6
Grade 8	58.2	55.6	69.2
Grade 10	72.3	77.9	78

Source: Clover Park School District



Hawaii Trend Data

**HSA/MATH**

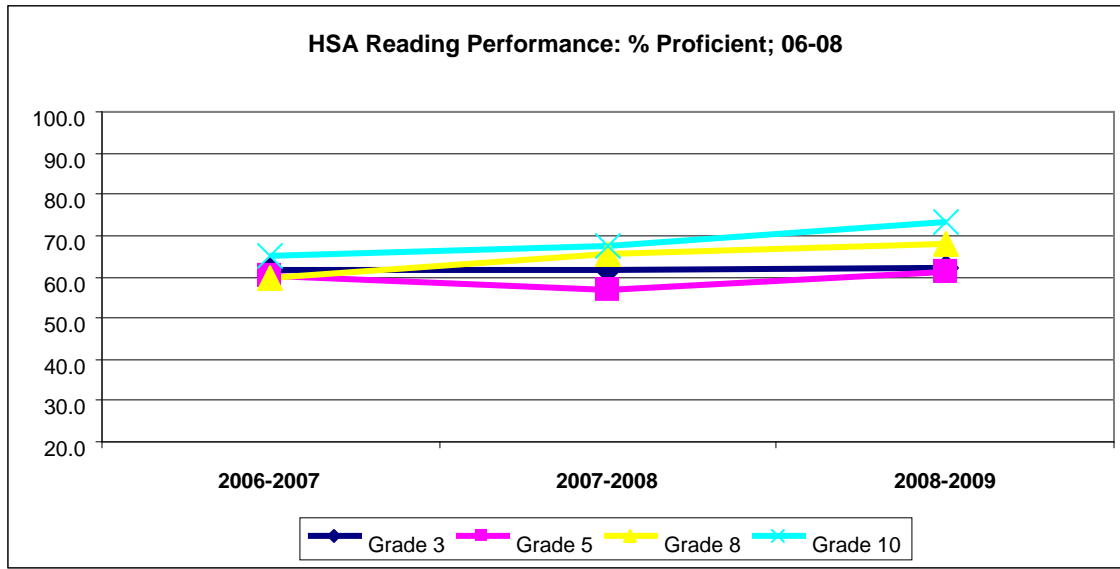


**Math: Hawaii State Assessment**

	2006-2007	2007-2008	2008-2009
Grade 3	49.0	52.6	48.5
Grade 5	40.0	44.3	46.1
Grade 8	25.8	35.3	39.1
Grade 10	29.3	34.2	33.7

Source: Hawaii Department of Education

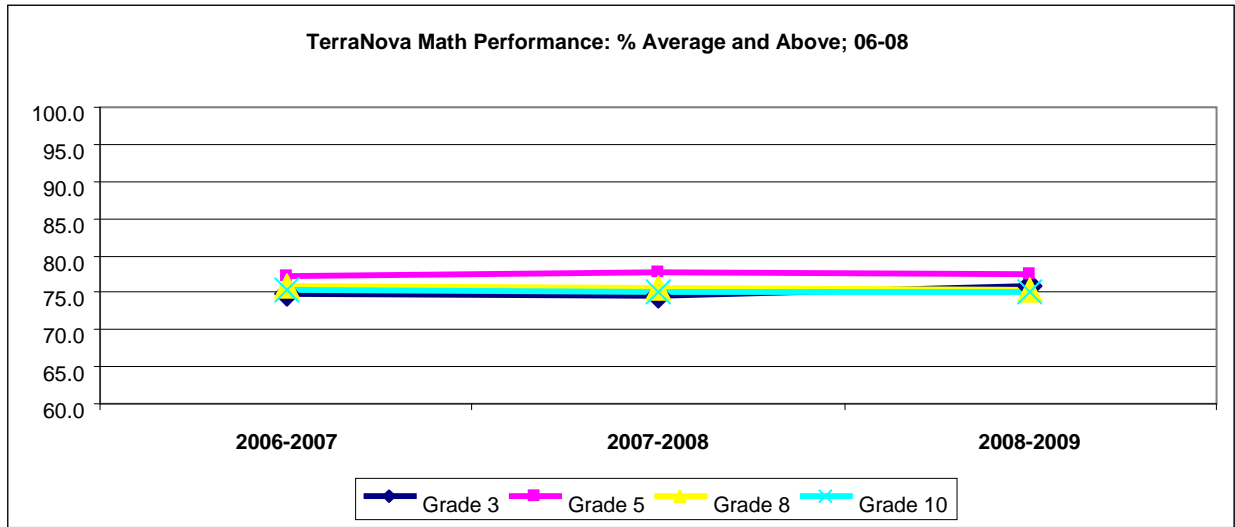
## HSA/READING



### Reading: Hawaii State Assessment

	2006-2007	2007-2008	2008-2009
Grade 3	61.5	61.7	62.4
Grade 5	60.2	56.8	61.2
Grade 8	59.9	65.6	68.1
Grade 10	64.9	67.4	73.2

Source: Hawaii Department of Education



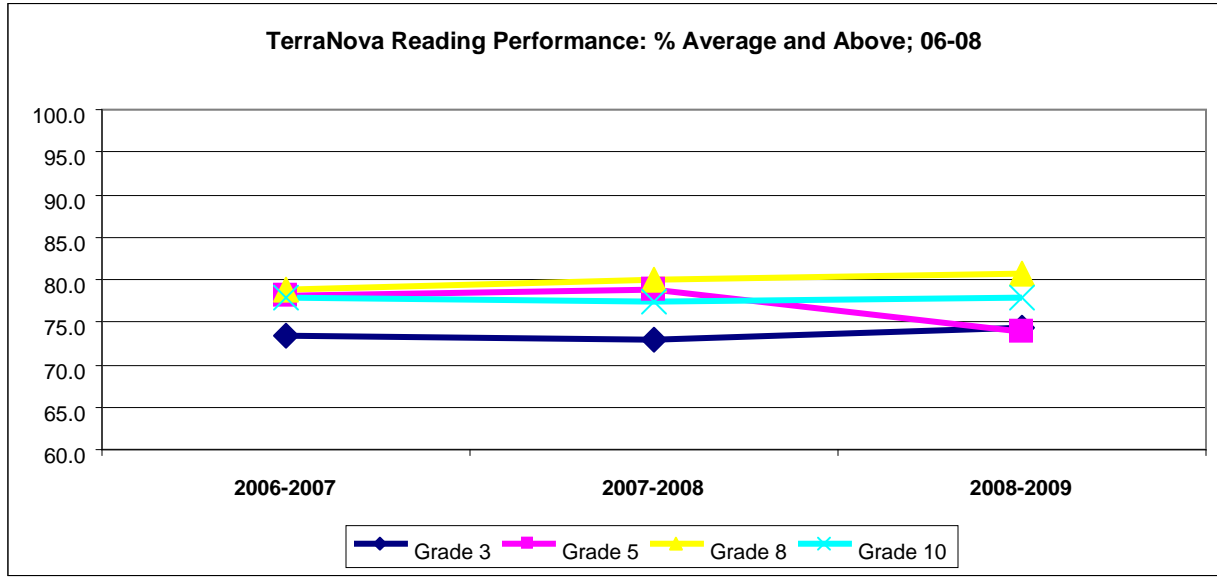
**Math: TerraNova % Average and Above**

	2006-2007	2007-2008	2008-2009
Grade 3	74.9	74.7	75.8
Grade 5	77.1	77.8	77.6
Grade 8	76.0	75.5	75.3
Grade 10	75.3	75.2	75.1

Source: Hawaii Department of Education

<sup>39</sup> The data available via the Hawaii DoE website is only available in % Average or Above. The data presented in our report is in percentiles, which was provided by Hawaii DoE upon special request for SY 08/09 only. See p. 5 for additional information on the TerraNova data.

**TERRANOVA/READING<sup>40</sup>**



**Reading: TerraNova % Average and Above**

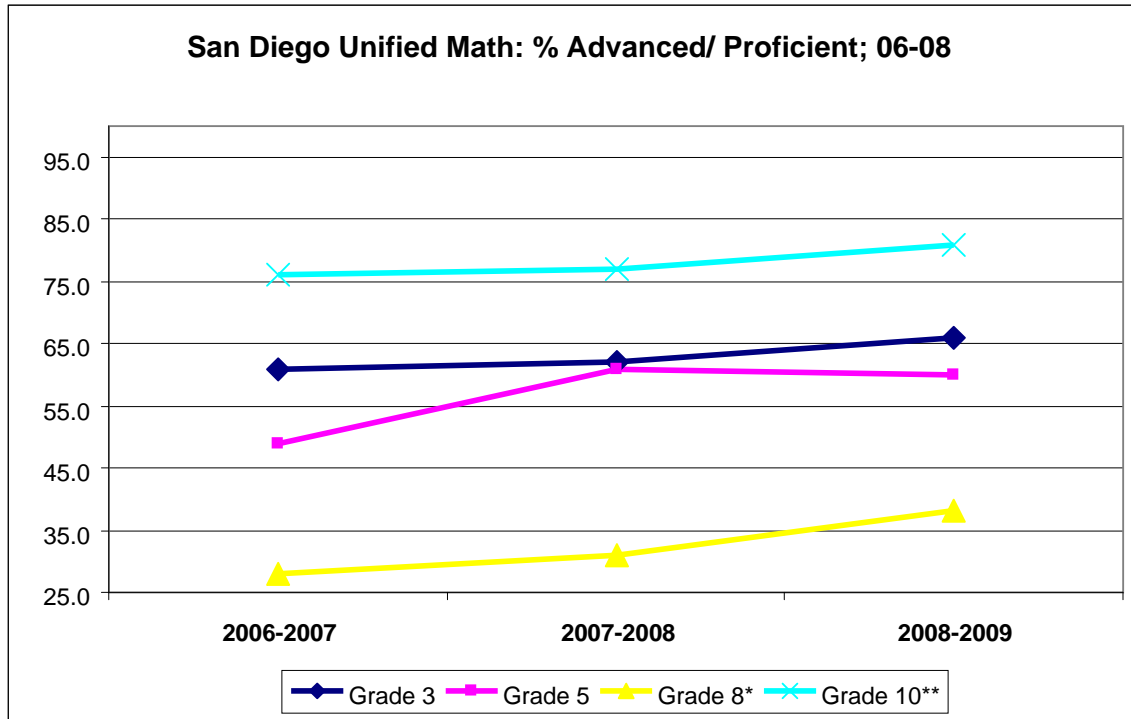
	<b>2006-2007</b>	<b>2007-2008</b>	<b>2008-2009</b>
Grade 3	73.5	73.0	74.3
Grade 5	78.2	78.8	74.0
Grade 8	78.9	80.1	80.6
Grade 10	77.8	77.4	77.8

Source: Hawaii Department of Education

<sup>40</sup> The data available via the Hawaii DoE website is only available in % Average or Above. The data presented in our report is in percentiles, which was provided by Hawaii DoE upon special request for SY 08/09 only. See p. 5 for additional information on the TerraNova data.

San Diego Unified Trend Data

CSA/MATH



Math: California State Assessment (% proficient or advanced)

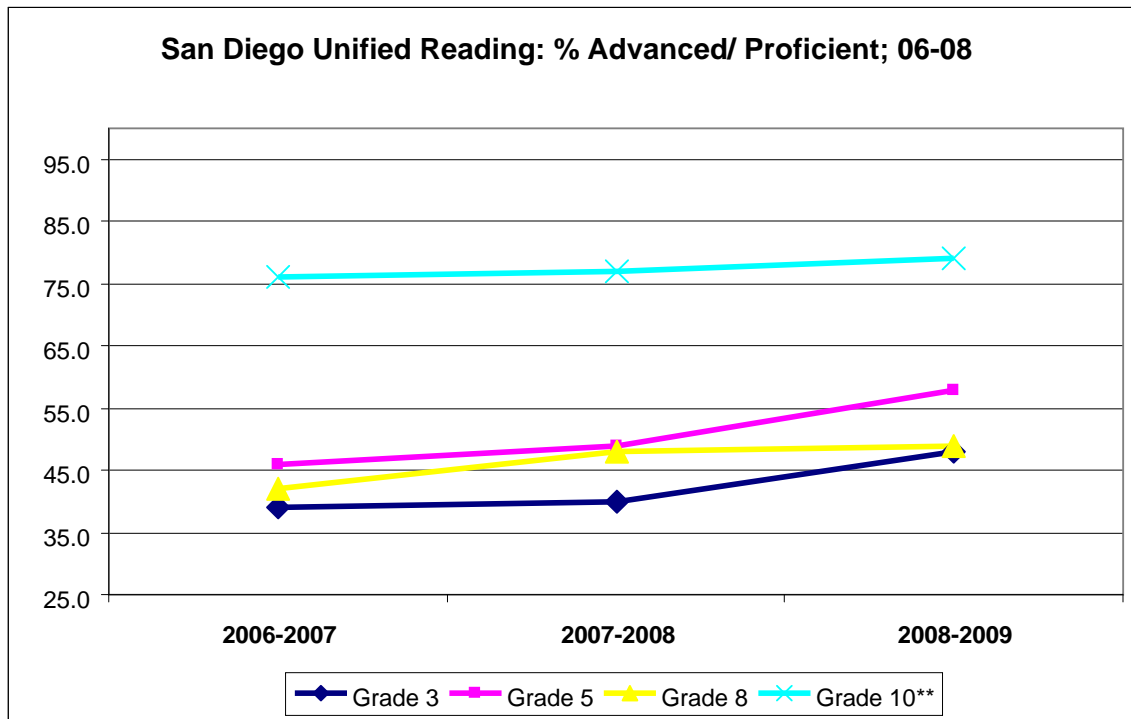
	2006-2007	2007-2008	2008-2009
Grade 3	61.0	62.0	66.0
Grade 5	49.0	61.0	60.0
Grade 8*	28.0	31.0	38.0
Grade 10**	76.0	77.0	81.0

Source: California Department of Education

\*STAR Algebra 1 test

\*\* CAHSEE

CSA/READING



English Language Arts: California State Assessment (% Proficient or Advanced)

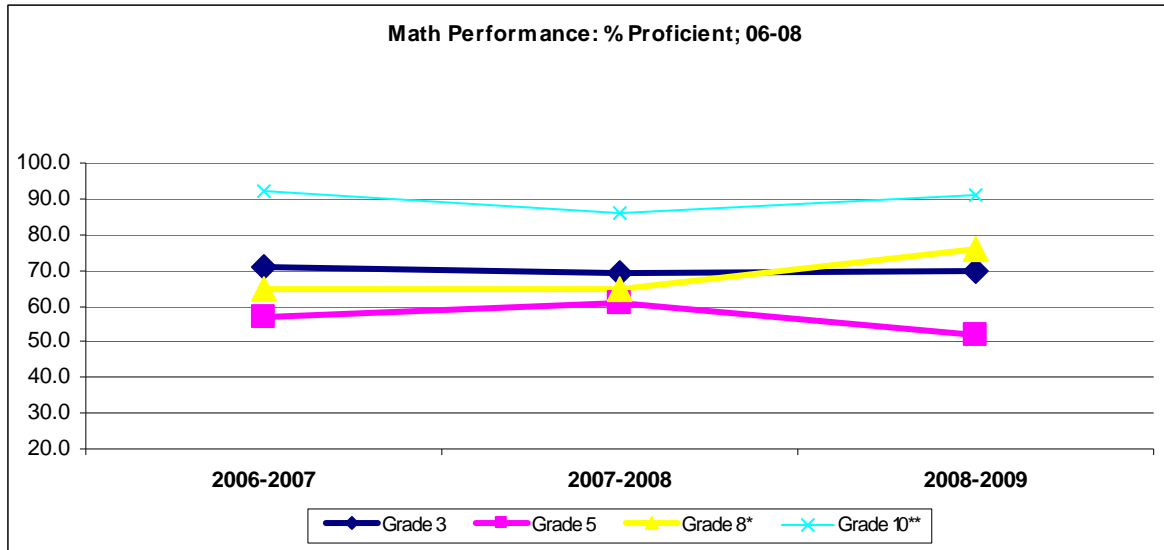
	2006-2007	2007-2008	2008-2009
Grade 3	39.0	40.0	48.0
Grade 5	46.0	49.0	58.0
Grade 8	42.0	48.0	49.0
Grade 10**	76.0	77.0	79.0

Source: California Department of Education

\*\* CAHSEE

Travis Unified Trend Data

CSA/MATH



Math: California State Assessment (% proficient or advanced)

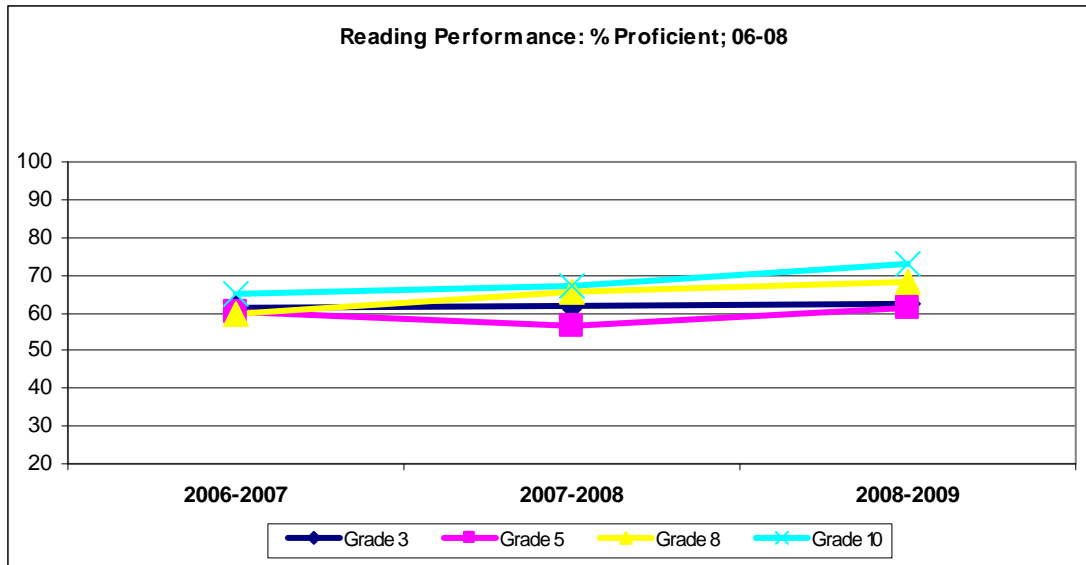
	2006-2007	2007-2008	2008-2009
Grade 3	71.0	69.0	70
Grade 5	57.0	61.0	52
Grade 8*	65.0	65.0	76
Grade 10**	92.0	86.0	91

Source: California Department of Education

\*STAR Algebra 1 test

\*\* CAHSEE

**CSA/READING**



**English Language Arts: California State Assessment (% Proficient or Advanced)**

	2006-2007	2007-2008	2008-2009
Grade 3	50.0	49.0	50.0
Grade 5	61.0	63.0	66.0
Grade 8	62.0	73.0	68.0
Grade 10**	88.0	88.0	93.0

Source: California Department of Education

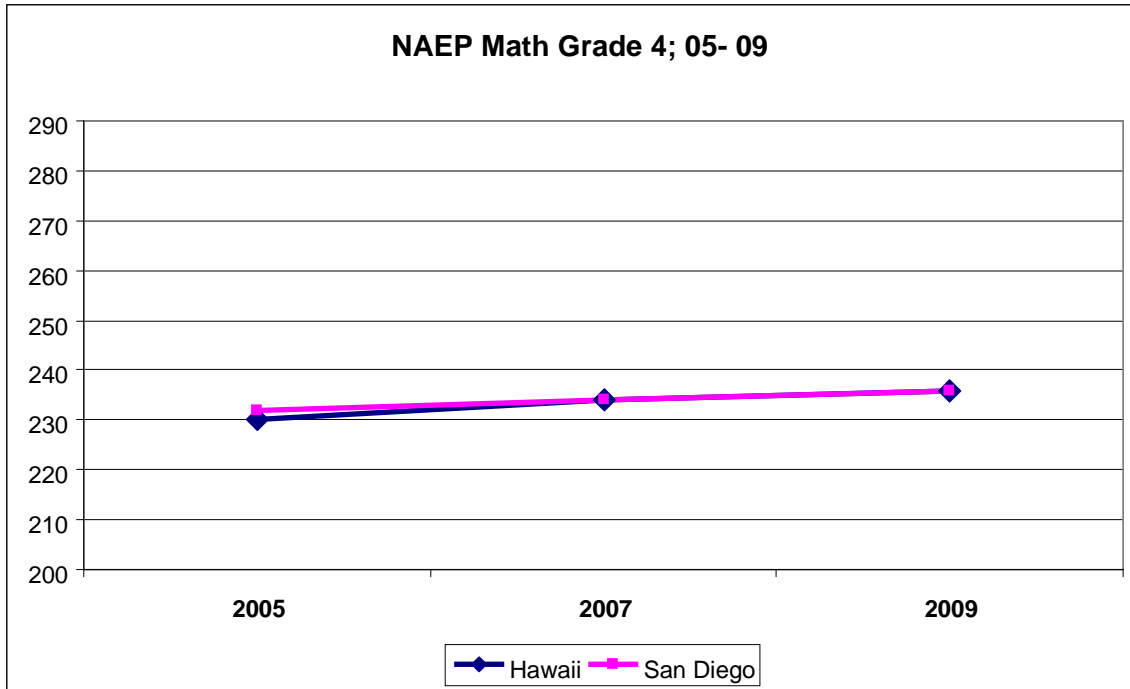
\*\* CAHSEE



---

NAEP Trend Data

**NAEP, Math, Grade 4**

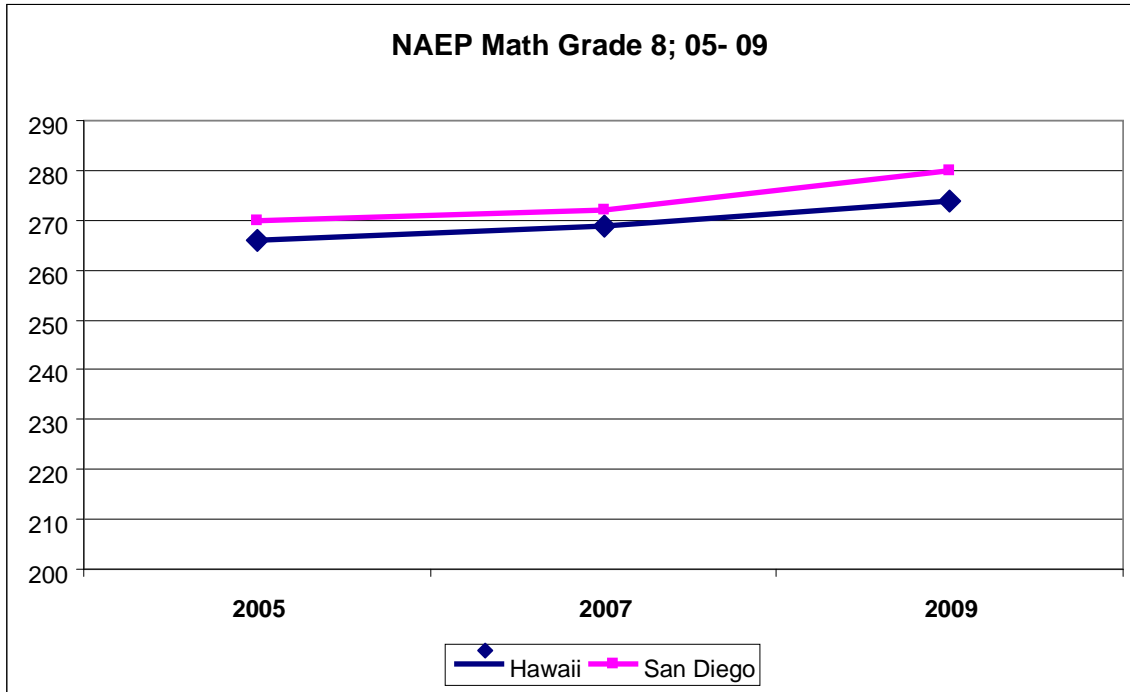


**NAEP, Math, Grade 4**

	<b>2005</b>	<b>2007</b>	<b>2009</b>
Hawaii	230	234	236
San Diego	232	234	236

Source: US Department of Education, Institute of Education Sciences, NCES, NAEP

**NAEP, Math, Grade 8**

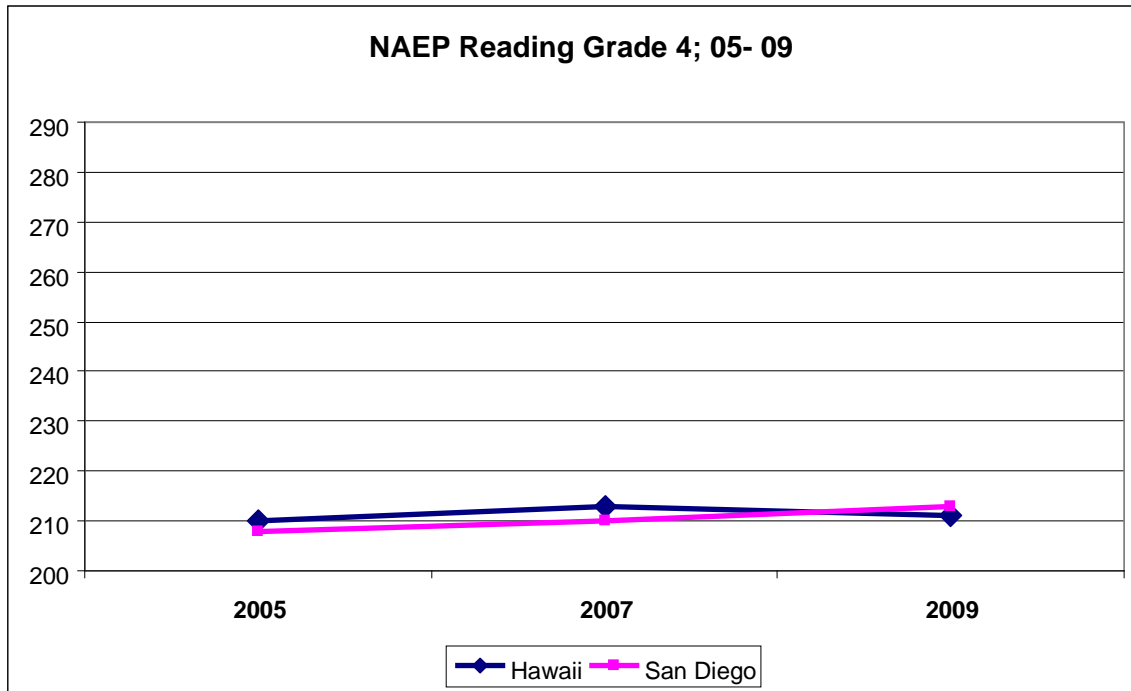


**NAEP, Math, Grade 8**

	<b>2005</b>	<b>2007</b>	<b>2009</b>
Hawaii	266	269	274
San Diego	270	272	280

Source: US Department of Education, Institute of Education Sciences, NCES, NAEP

**NAEP, Reading, Grade 4**

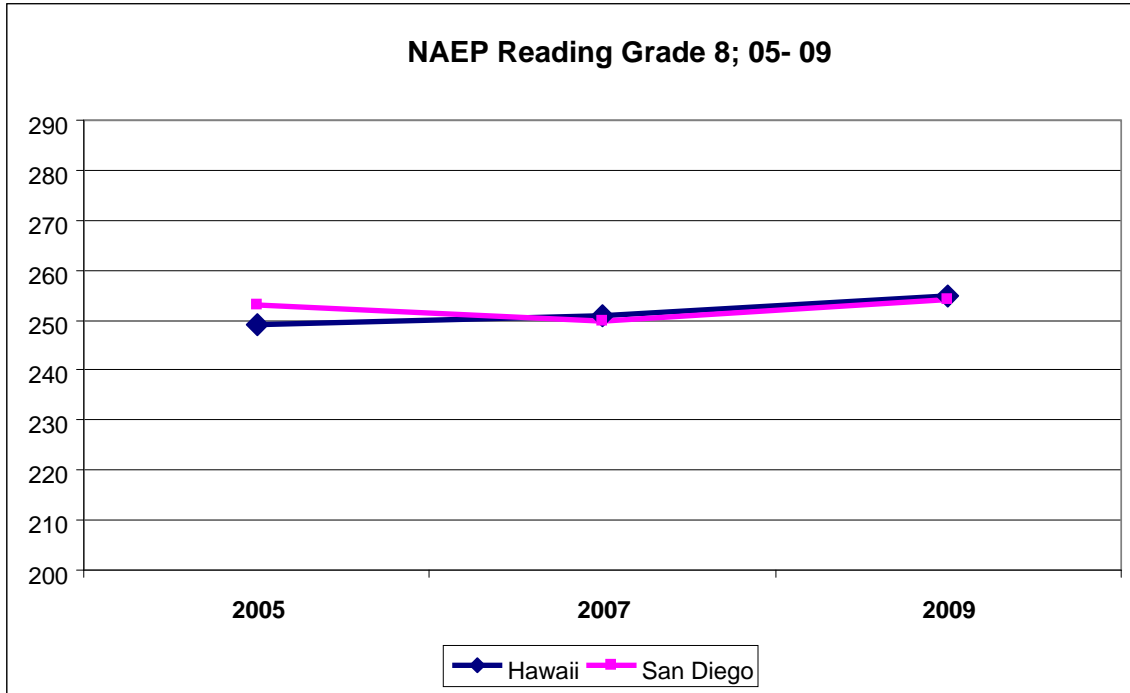


**NAEP, Reading, Grade 4**

	<b>2005</b>	<b>2007</b>	<b>2009</b>
Hawaii	210	213	211
San Diego	208	210	213

Source: US Department of Education, Institute of Education Sciences, NCES, NAEP

**NAEP, Reading, Grade 8**



**NAEP, Reading, Grade 8**

	<b>2005</b>	<b>2007</b>	<b>2009</b>
Hawaii	249	251	255
San Diego	253	250	254

Source: US Department of Education, Institute of Education Sciences, NCES, NAEP