

# Oregon Small Schools Initiative

Statewide overview of academic achievement at Initiative schools 2004-05 through 2009-10

Prepared for  
Employers for Education Excellence

**ECONorthwest**

ECONOMICS • FINANCE • PLANNING

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## Conversion Sites Update

**Crater** Campus in Central Point - Due to declining enrollment caused by the economy, one of the four small schools on the Crater campus will close at the end of the 2010-11 school year. Students and staff from the Crater Academy of Natural Sciences will be transitioned to the remaining three schools.

**Marshall** Campus in Portland - Despite significant gains in achievement and graduation rates, Portland Public Schools opted for a system of comprehensive high schools of equal size with a common core curriculum. All three schools on the Marshall campus will close at the end of the 2010-2011 school year.

**Newberg** High School - The four schools on the Newberg campus continue to make progress with the additional support of a federal Small Learning Communities grant.

**North Eugene** High School - Three of the four N. Eugene administrators were new this year. This transition provided an opportunity for the small school leaders to revisit and redefine their collaborative leadership structure. An independent study found the schools made significant progress in raising the grades and number of credits earned by their most at-risk students.

**Roosevelt** High School in Portland - The three schools on the Roosevelt campus showed significant improvement in achievement and graduation rates over the course of the OSSI grant. However, Portland Public Schools opted for a system of comprehensive high schools of equal size with a common core curriculum. Roosevelt, the recipient of a Federal School Improvement Grant, will revert to a comprehensive high school as of the 2011-12 school year.

**South Medford** High School - Students and staff at the South Medford High School campus moved into a brand new facility for the 2010-11 school year. The new building was designed to support and accommodate the four small schools, providing unique space for each school.

**Woodburn** Campus - The four small schools on the Woodburn campus continue to show remarkable gains in achievement and graduation rates. The Woodburn Academy of Arts, Academics, Science and Technology (WAAST) was the only high school in Oregon to earn the "Closing the Achievement Gap" award for the 2009-10 school year.

## New Start Schools Update

**The Academy of Arts and Academics (A3)** in Springfield has become a true demonstration site, offering professional development, site visits, and workshops to educators from schools and districts across the state.

**EagleRidge** Charter High School in Klamath Falls is continuing its development as a viable option for students in the Klamath Falls region through a federal School Improvement Grant.

**Health and Science School (HS2)** in Beaverton reached full implementation this year, offering exceptional learning opportunities to students in grades 6-12 with an interest in science or medicine.

**The Leadership and Entrepreneurship Public Charter High School (LÊP)** in Portland continues to build on the promise of its name by establishing partnerships with a growing number of community and business organizations, including Social Venture Partners.

**The Media Arts and Communications Academy (MACA)** in McMinnville will be re-classified from a stand-alone high school to a program under the umbrella of McMinnville High School, the large comprehensive district high school. This decision was made due to budget concerns.

*School updates provided by E3*

# EXECUTIVE SUMMARY

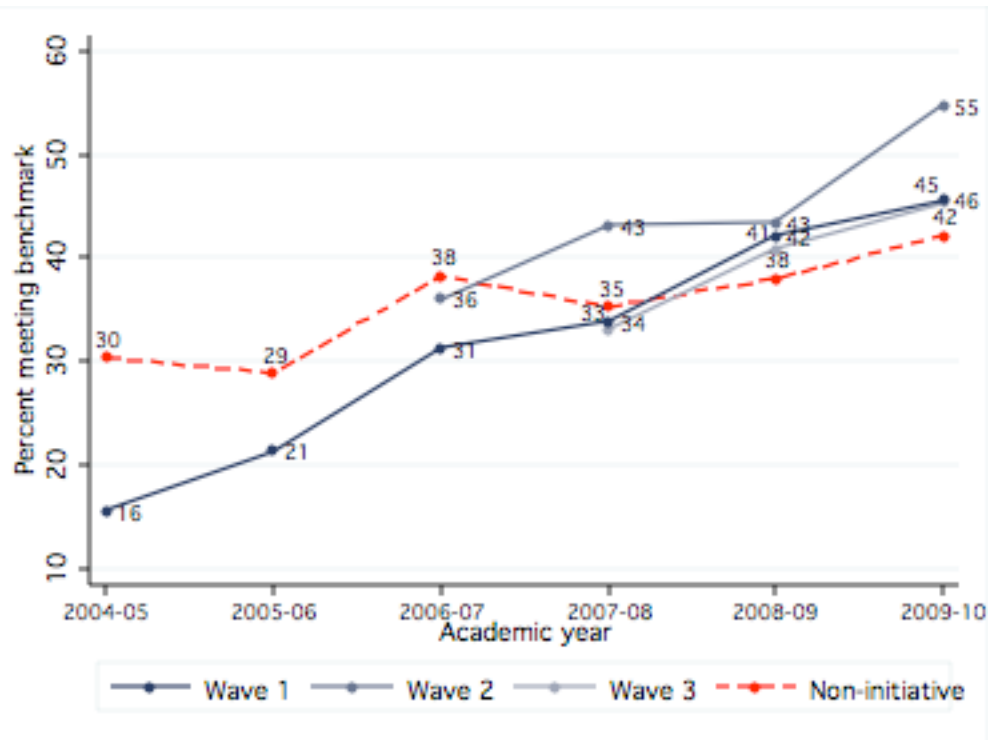
In 2003, responding to a body of research from around the country on the academic and social benefits of small schools, Employers for Education Excellence (E3) was asked to lead the Oregon Small Schools Initiative (OSSI). The Initiative, funded by a joint grant from Meyer Memorial Trust and the Bill & Melinda Gates Foundation, aimed to increase student achievement and graduation rates by supporting new and restructured high schools serving student bodies with relatively high proportions of economically disadvantaged students and/or students of color.

This report provides a statewide overview of the progress OSSI schools have made in improving student achievement, and serves as a data update of ECONorthwest's 2010 final evaluation report. This report focuses on student achievement as measured by Oregon's 10<sup>th</sup> grade math and reading assessments through 2009-10. We will complete a companion data update that presents updated dropout, graduation, and post-secondary enrollment statistics when more recent data become available. We will publish similar updates in 2012 and 2013.

In this report, we compare outcomes on 10<sup>th</sup> grade achievement tests for students at Initiative schools to those for all other Oregon public school students. We disaggregate data for Initiative schools into three waves defined by the year each school opened as an Initiative school.

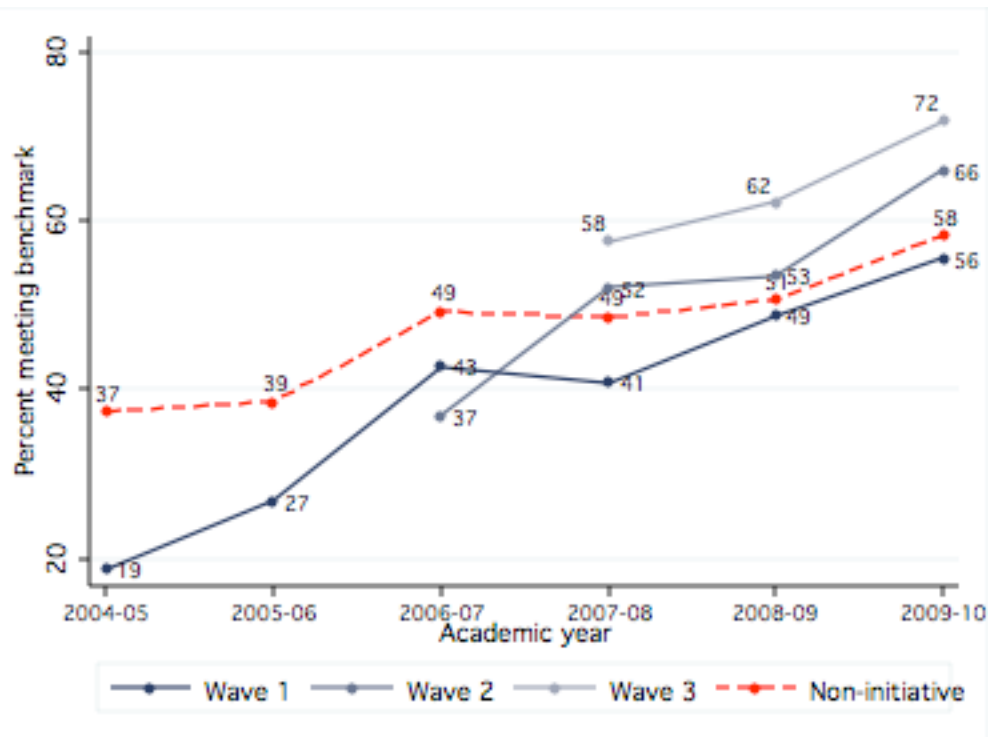
In general, the 2009-10 achievement outcomes largely continued trends apparent in the 2008-09 data, including the strong achievement status of OSSI schools' economically disadvantaged students, relative to their non-OSSI peers. The charts below summarize this success of OSSI's economically disadvantaged students for the three waves of Initiative schools. The main report identifies the schools in each wave displayed in the charts.

**Figure E1: Math - 10<sup>th</sup> grade OAKS meet/exceed rate for economically disadvantaged students, 2004-05 to 2009-10**



Source: ECONorthwest analysis of ODE student-level data.

**Figure E2: Reading - 10<sup>th</sup> grade OAKS meet/exceed rate for economically disadvantaged students, 2004-05 to 2009-10**



Source: ECONorthwest analysis of ODE student-level data.

# INTRODUCTION

Responding to a growing body of research from around the country on the academic and social benefits of small schools, Employers for Education Excellence (E3) was asked to lead the Oregon Small Schools Initiative (OSSI). The Initiative, funded by a joint grant from Meyer Memorial Trust and the Bill & Melinda Gates Foundation, aimed to increase student achievement and graduation rates by supporting the creation of new and restructured high schools serving student bodies with relatively high proportions of economically disadvantaged students and/or students of color. Initiative schools, recognizing that size alone does not determine a school's success, developed a comprehensive approach to creating "small, rigorous, and personalized" high schools that build on the benefits of small enrollments through support of strong leadership, enhanced professional development, and other education best practices.

E3 engaged ECONorthwest to conduct an evaluation of the progress Initiative schools have made towards achieving stated program goals. ECONorthwest completed a final evaluation report in 2010. E3 subsequently contracted with ECONorthwest to complete a series of data updates during 2011, 2012, and 2013, of which this document is the first. Below, we focus on student achievement outcomes. We will publish a companion report that includes dropout, graduation, and post-secondary enrollment outcomes as additional data become available. We will also publish a similar pair of reports in 2012 and in 2013.

The final evaluation report included results from a more rigorous statistical analysis than the summary statistics presented here. This more rigorous look at the data was required because, by design, Initiative schools serve students with demographic characteristics that differ from those of Oregon's student population as a whole—Initiative schools have a greater share of students from low-income households and students of color. These student groups have historically underperformed in high school and, as a result, simple comparisons of school performance place Initiative schools at a disadvantage. Comparing the performance of student subgroups, as we do in this report, helps but does not fully answer the question at the heart of this evaluation: *Have Initiative schools improved student outcomes?* The regression analysis described in the final evaluation report provides a more rigorous analysis designed to better answer this question.

## DATA OVERVIEW

Our evaluation relies primarily on a large, student-level database comprised of files made available to ECONorthwest by the Oregon Department of Education (ODE). The database, which excludes personal identifiers such as names, includes demographics, enrollments, attendance, disciplinary actions, achievement scores, and other data elements for students enrolled in an Oregon public school between Fall 2003 and Spring 2010. Data coverage for later school years is more comprehensive. For example, we have achievement test scores for 2003-04 enrollees but little additional information. In addition, we receive enrollment, achievement scores, and some other data collections during the fall following the relevant academic year, but data on high school completion and dropouts for the

same academic year is only available the following Spring—we do not yet have high school completion data for 2009-10 enrollees.

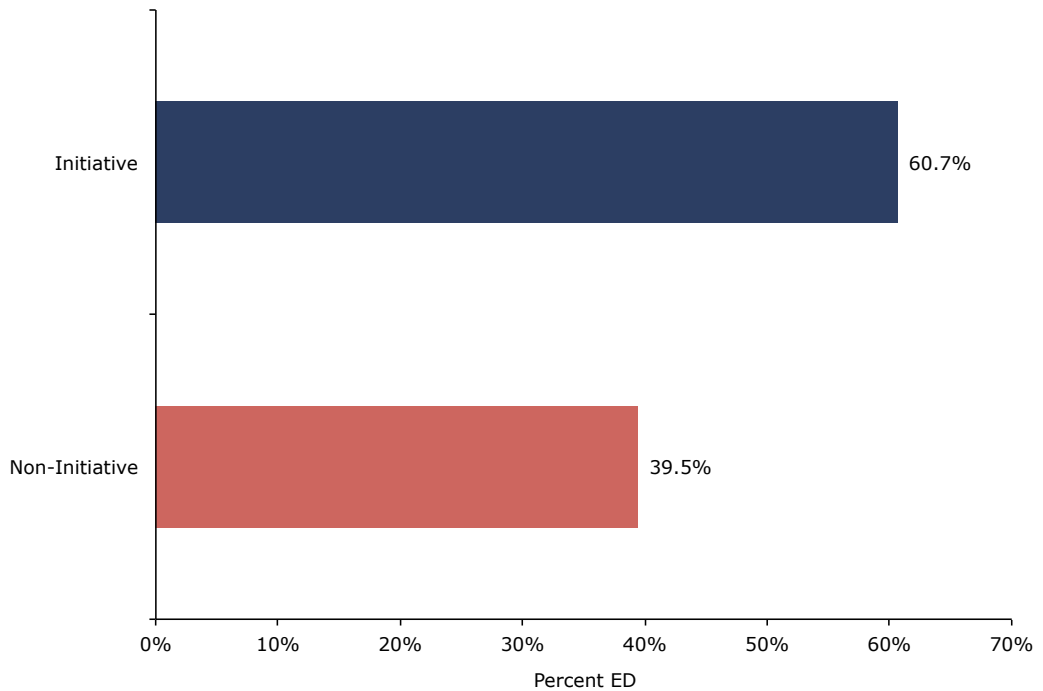
In this report, we focus on math and reading achievement. In particular, we present statistics about benchmark attainment on the 10<sup>th</sup> grade Oregon Assessment of Knowledge and Skills (OAKS) tests for math and reading (an Appendix table presents similar data for the state writing assessment), and the increase in math and reading achievement scores between 8<sup>th</sup> and 10<sup>th</sup> grades.

For achievement outcomes, in some years we have only a student's highest score, while in other years we have scores for all test attempts. Our indicator assigns students their highest score during the academic year. We do not have 8<sup>th</sup> grade test scores for every 10<sup>th</sup> grade student and we obviously cannot calculate achievement growth for these students. Students with missing scores may have moved to Oregon from other states, taken 8<sup>th</sup> grade tests in an academic year for which we lack data, or missed the tests for other reasons.

Below, we present data for all students and for a subset of students identified as economically disadvantaged (ED), a designation that is essentially equivalent to student eligibility for the federal free- and reduced-price lunch program. The ODE data include ED indicators from more than one source, although we believe the 10<sup>th</sup> grade OAKS indicators to be the most accurate. Even so, year to year fluctuations may reflect changes in reporting procedures as much as true changes in student demographics. These changes can, in turn, affect trends in aggregate outcomes that do not necessarily reflect true changes in the performance of this subgroup.

Figure 1 displays the share of 10<sup>th</sup> grade test takers identified as ED at Initiative schools and all other Oregon public school students. The chart incorporates data for 2,847 Initiative students and 45,495 non-Initiative students. Overall, more than half of Initiative 10<sup>th</sup> graders were ED in 2009-10, compared to just over one third of non-Initiative students—a difference with important consequences for school performance.

**Figure 1: Share of 10<sup>th</sup> grade test takers identified as economically disadvantaged, 2009-10**



Source: ECONorthwest analysis of ODE student-level data.

## IMPLEMENTATION TIMELINE AND SCHOOL WAVE DEFINITION

In total, 17 campuses were identified as Initiative schools at some point in time. These include both conversion schools, large regular high schools that were reorganized into several smaller schools at the same site, and “New Start” schools that opened as new, small schools with Initiative funding. The conversion schools are further classified according to their organizational structure as either Autonomous, where individual small schools operate as independent entities on a shared campus, or as Semi-Autonomous, where individual schools at the same site share administration, certain courses, and other resources.

The schools opened in several waves from 2004-05 to 2007-08, and several Conversion Schools began operating as small schools in different years for different grades. In general, we consider a student an Initiative student only with an enrollment at a school that has implemented the small schools model in the student’s grade. One conversion school did not open as planned and two others implemented the small schools model for two or fewer academic years. We exclude these schools’ students from evaluation analysis.

For this report, we assign schools to one of three waves based on the year a school first opened as an Initiative school. Table 1 summarizes the information used to classify school campuses. At present, we are tracking results at 14 campuses encompassing a total of 34 small schools. Since 2008-09, not all schools were funded by the Initiative, but all schools retained their Initiative structure, so we include them as relevant to understanding the impacts of OSSI’s



small schools model. A total of 22 small schools were funded in 2009-10, the Initiative’s final year. We identify students at these schools as Initiative students in the rest of the report.

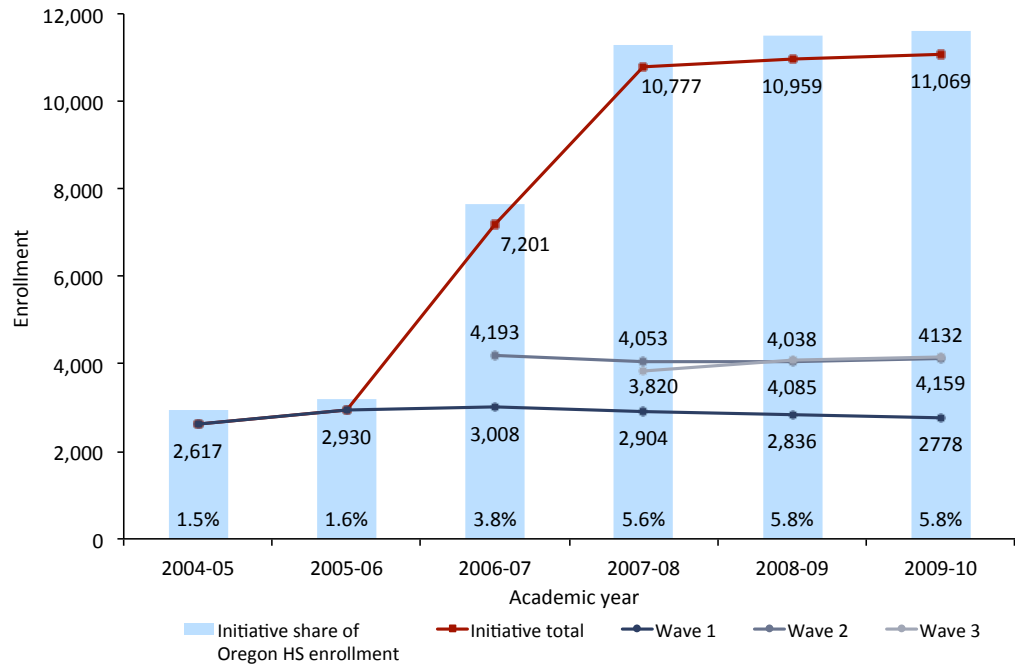
**Table 1: OSSI school classification**

Wave	Campus	Type of small school	Level of autonomy	First open as an OSSI school in:	Final year with a small school structure	Outcomes included as of academic year:	All-grade dropout data included as of academic year:
1	Liberty	Conversion	Semi	03-04	N/A	04-05	04-05
	Marshall	Conversion	Full	04-05	N/A	04-05	04-05
	Nixyaawii	New Start	Full	04-05	N/A	04-05	04-05
	Roosevelt	Conversion	Full	04-05	N/A	04-05	04-05
2	A3	New Start	Full	06-07	N/A	06-07	08-09
	Newberg	Conversion	Semi	06-07	N/A	06-07	07-08
	North Eugene	Conversion	Semi	06-07	N/A	06-07	08-09
	Woodburn	Conversion	Full	06-07	N/A	06-07	06-07
3	Crater	Conversion	Full	07-08	N/A	07-08	07-08
	Eagle Ridge	New Start	Full	07-08	N/A	07-08	09-10
	HS2	New Start	Full	06-07	N/A	07_08	09-10
	LEP	New Start	Full	06-07	N/A	07-08	09-10
	MACA	New Start	Full	07-08	N/A	07-08	09-10
	South Medford	Conversion	Semi	06-07	N/A	07-08	09-10
Excluded	Lebanon	Conversion	N/A	04-05	05-06	Excluded	Excluded
	Madison	Conversion	N/A	07-08	07-08	Excluded	Excluded
	North Medford	Conversion	N/A	N/A	N/A	Excluded	Excluded

Figure 2 displays the number of students enrolled in each wave and total Initiative enrollment as a share of total Oregon high school enrollment over time. Enrollment changes in Wave 1 reflect changes in enrollment patterns. Changes for Wave 2 and Wave 3 also include the impact of staggered implementation at some schools. For example, two Wave 2 sites, A3 and North Eugene, did not enroll 12<sup>th</sup> grade students in their small schools until 2008-09, and have contributed an increasing number of students to the wave total because of this. Regardless, small

schools enrollment grew considerably as a share of Oregon high school enrollment during the course of the Initiative—from 1.5 percent in 2004-05 to 5.8 percent in 2009-10.

**Figure 2: OSSI wave size and share of Oregon high school enrollment, 2004-05 through 2009-10**



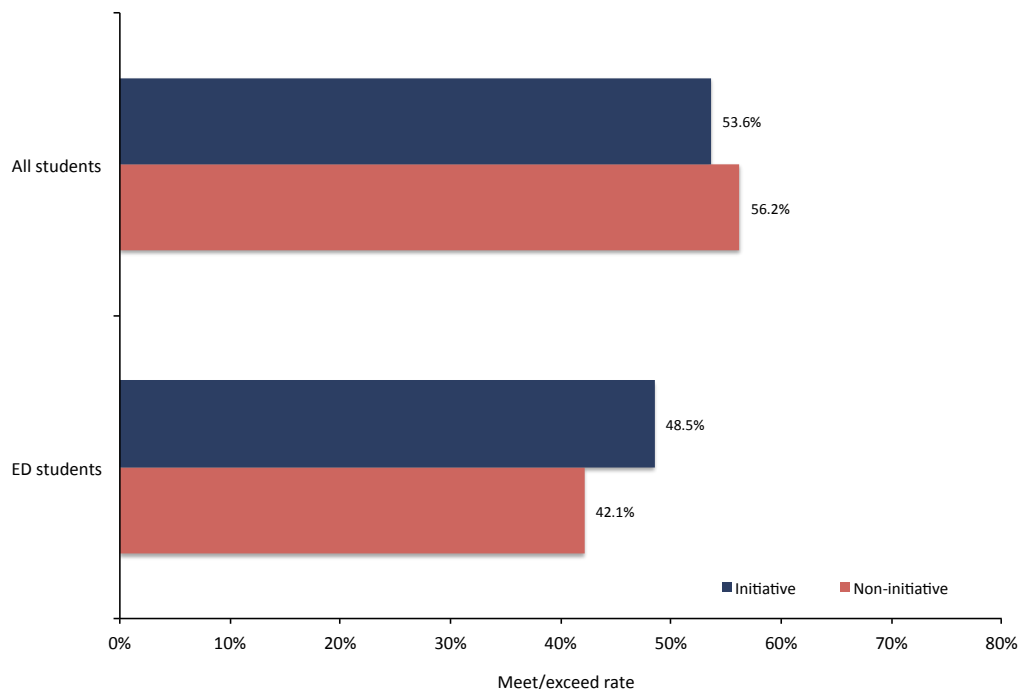
Source: ECONorthwest analysis of ODE student-level data.

# ACADEMIC ACHIEVEMENT IN 2009-10

We begin with an overview of 2009-10 results for all waves combined before presenting the time trends in outcomes for each wave. This provides a snapshot of outcomes across Initiative schools. Based on 2009-10 test results, average Initiative 10<sup>th</sup> grade student performance nearly equals that for other Oregon 10<sup>th</sup> graders, with a strong relative performance by economically disadvantaged (ED) students. We also find evidence that achievement at Initiative schools improves over time.

In math, 53.6 percent of Initiative students met or exceeded the 10<sup>th</sup> grade math benchmark, compared to 56.2 percent of non-Initiative students, a relatively small 2.6 percentage point difference. The difference in 2008-09 was 1.4 percent in the other direction. Note, however, that the share of Initiative students identified as economically disadvantaged has increased somewhat faster for Initiative students than it has across the state, a factor that will, all else equal, tend to reduce the overall average performance of Initiative students, relative to the state. For the Initiative's ED students, 48.5 percent met or exceeded the benchmark, compared to 42.1 percent of other students, a 6.4 percentage point difference (see Figure 3). The difference in 2008-09 was 4.3 percentage points.

**Figure 3: Math - 10<sup>th</sup> grade OAKS meet/exceed rate for Oregon's Initiative and non-Initiative students, 2009-10**

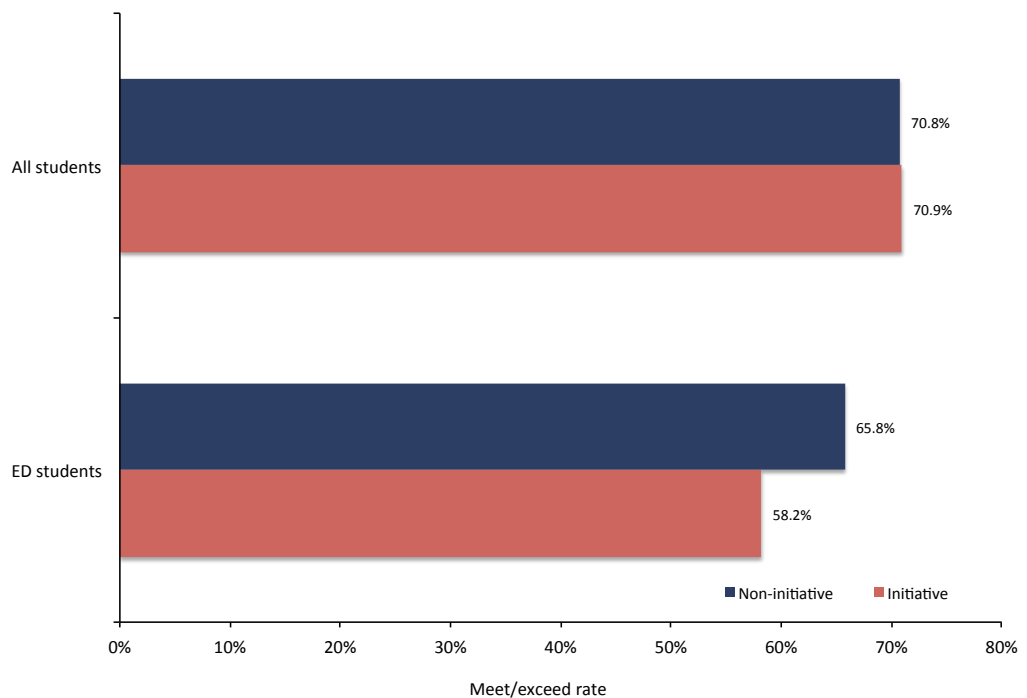


Note: Excludes the scores of 9<sup>th</sup> grade students who took the 10<sup>th</sup> grade achievement test.  
Source: ECONorthwest analysis of ODE student-level data.

In reading, a nearly identical share of Initiative students reached benchmark as non-Initiative students—70.8 percent versus 70.9 percent (see Figure 4). But

results for all students are misleading in both subjects because of the high share of ED students—who typically score lower than their non-disadvantaged counterparts—at Initiative schools. ED students at Initiative schools met the reading benchmark at a higher rate than did their non-Initiative peers (65.8 percent versus 58.2 percent). These findings suggest positive impacts of the small schools model - a conclusion supported by our 2010 report, where we found that, after accounting for student demographics, Initiative students were more likely to meet state academic benchmarks in math than were otherwise similar, non-Initiative students. Put another way, Initiative schools appear to meaningfully close the gap in achievement between ED students and the statewide average.

**Figure 4: Reading - 10<sup>th</sup> grade OAKS meet/exceed rate for Oregon’s Initiative and non-Initiative students, 2009-10**



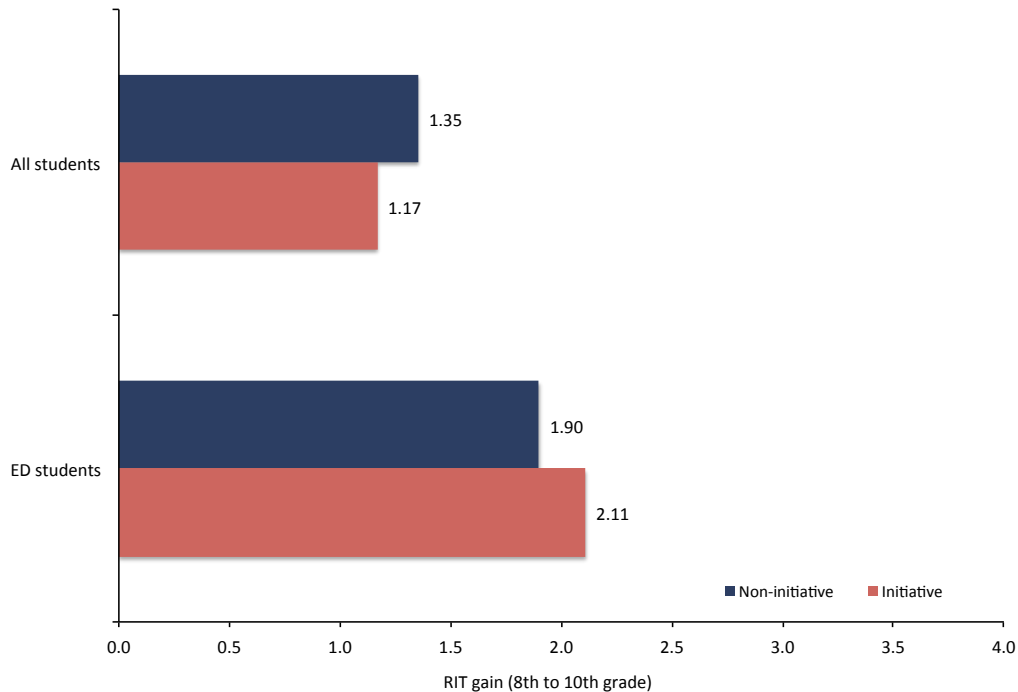
Source: ECONorthwest analysis of ODE student-level data.

Looking at achievement growth between 8<sup>th</sup> and 10<sup>th</sup> grades provides another perspective on student success at Initiative schools. Statewide, students make relatively little progress in math achievement, with an average growth of just over one RIT point<sup>1</sup>—much smaller than the almost six point increase in the statewide math benchmark between 8<sup>th</sup> and 10<sup>th</sup>. Keeping in mind this meager average gain, Initiative students outperform non-Initiative students in terms of achievement growth in math—gaining 1.4 RIT points compared to 1.2 points for non-Initiative students (see Figure 5). The difference between Initiative and non-Initiative ED

<sup>1</sup> OAKS scores are expressed in RIT points, abbreviated from Rasch Units, where each point increase identifies an equal amount of improvement. For example, an improvement of ten points from 230 to 240 indicates an equal amount of academic growth as an improvement from 210 to 220.

students is of a similar magnitude, but in the opposite direction—non-Initiative ED students slightly outperform Initiative ED students.

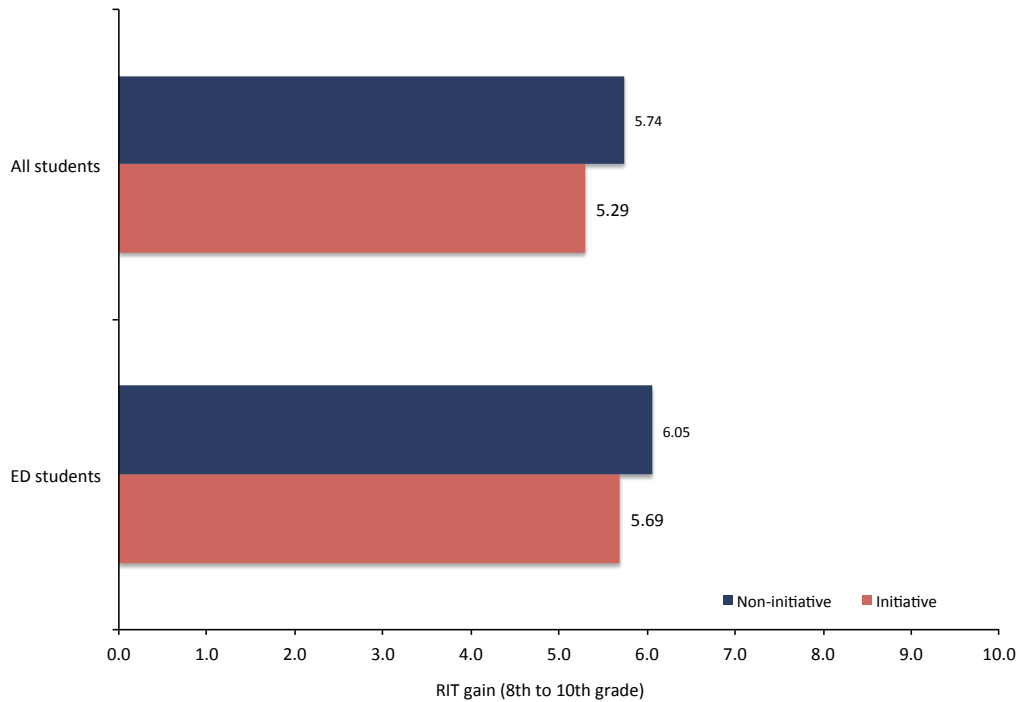
**Figure 5: Math - average change in RIT score between 8<sup>th</sup> and 10<sup>th</sup> grade for Oregon’s Initiative and non-Initiative students, 2009-10**



Source: ECONorthwest analysis of ODE student-level data.

Oregon 10<sup>th</sup> graders demonstrate greater average gains in reading than in math. Initiative 10<sup>th</sup> graders gained an average 5.7 RIT points, compared to 5.3 points for all non-Initiative students in 2009-10. ED students gained slightly more in reading; however, the gap between Initiative and non-initiative ED students was smaller (6.1 versus 5.7). For both groups, the additional gains of Initiative students were smaller in 2009-10 than they were in 2008-09.

**Figure 6: Reading - average change in RIT score between 8<sup>th</sup> and 10<sup>th</sup> grade for Oregon’s Initiative and non-Initiative students, 2009-10**



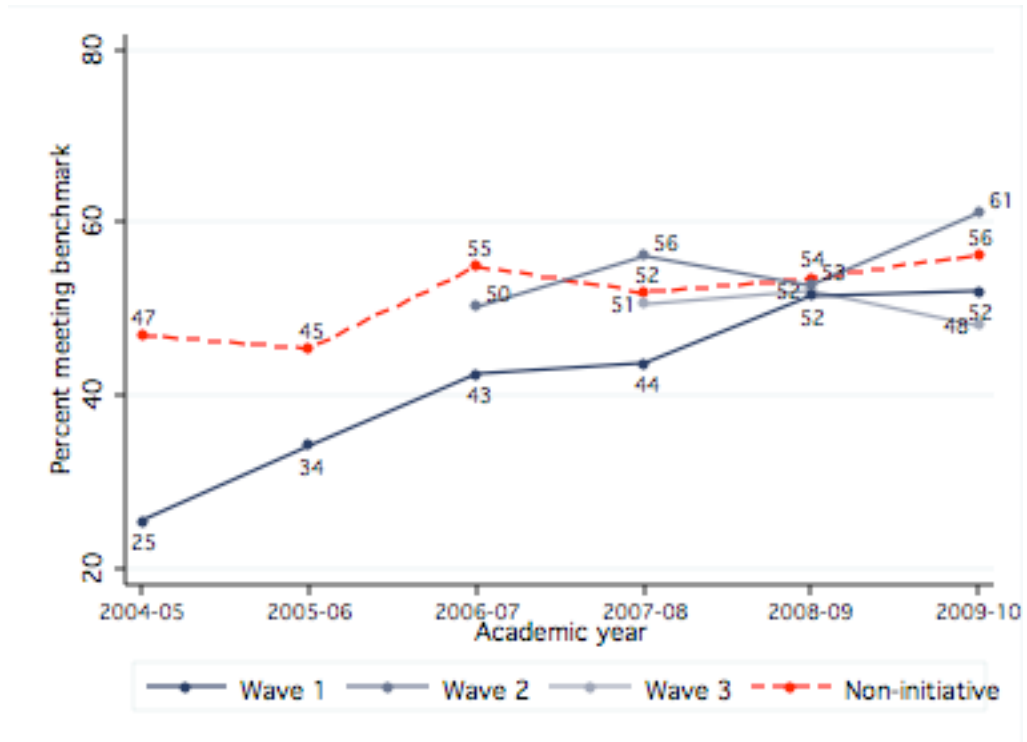
Source: ECONorthwest analysis of ODE student-level data.

## ACHIEVEMENT AT INITIATIVE SCHOOLS OVER TIME

The charts in the previous section present the portfolio of Initiative schools as generally performing at or above the state average, despite the challenged populations served by these schools. But this picture masks great variation across schools and does not show the strong gains made by many schools in the years since they opened as Initiative schools, as illustrated in this section. The charts below display time trends in the share of students meeting state math and reading benchmarks for each wave of Initiative students and for all non-Initiative students. Two charts show these outcomes for all students (Figure 7 and Figure 9). The remaining Figures display similar information for ED students only (Figure 8 and Figure 10). In general, we find that Initiative schools typically opened as below-average performers. For conversion schools, this is a legacy of under-performance at the regular high school that pre-dated conversion. But the trends also suggest, in most cases, significant improvement over time, producing 2009-10 outcomes at or above the average for non-Initiative students in spite of the challenges faced by the Initiative student population.

The share of Initiative students meeting the 10<sup>th</sup> grade math benchmark has grown over time, particularly for the Wave 1 and Wave 2 schools (see Figure 7), although both Wave 1 and Wave 3 performance was similar to, or slightly worse than in 2008-09. On the other hand, Wave 2 schools demonstrated strong improvement. The statewide rate increased slightly from 2008-09 to 2009-10.

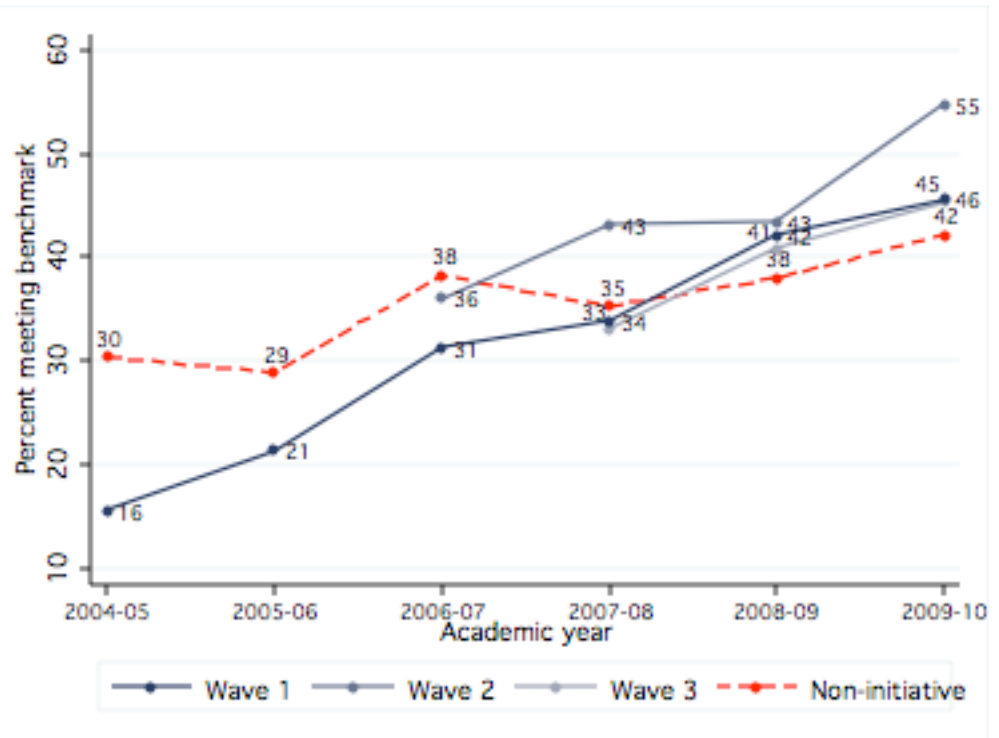
**Figure 7: Math - 10<sup>th</sup> grade OAKS meet/exceed rate for all students, 2004-05 to 2009-10**



Source: ECONorthwest analysis of ODE student-level data.

Performance by Initiative ED students demonstrates a similar, but more positive, trend (see Figure 8)—the meet/exceed rate almost tripled between 2004-05 and 2009-10 for Wave 1 students. The meet/exceed rate for Wave 3 ED students continues to rise despite the overall Wave 3 decline in the share of all students meeting the 10<sup>th</sup> grade math benchmark. Since 2008-09, ED students in all three Waves outperformed their non-Initiative peers.

**Figure 8: Math - 10<sup>th</sup> grade OAKS meet/exceed rate for economically disadvantaged students, 2004-05 to 2009-10**

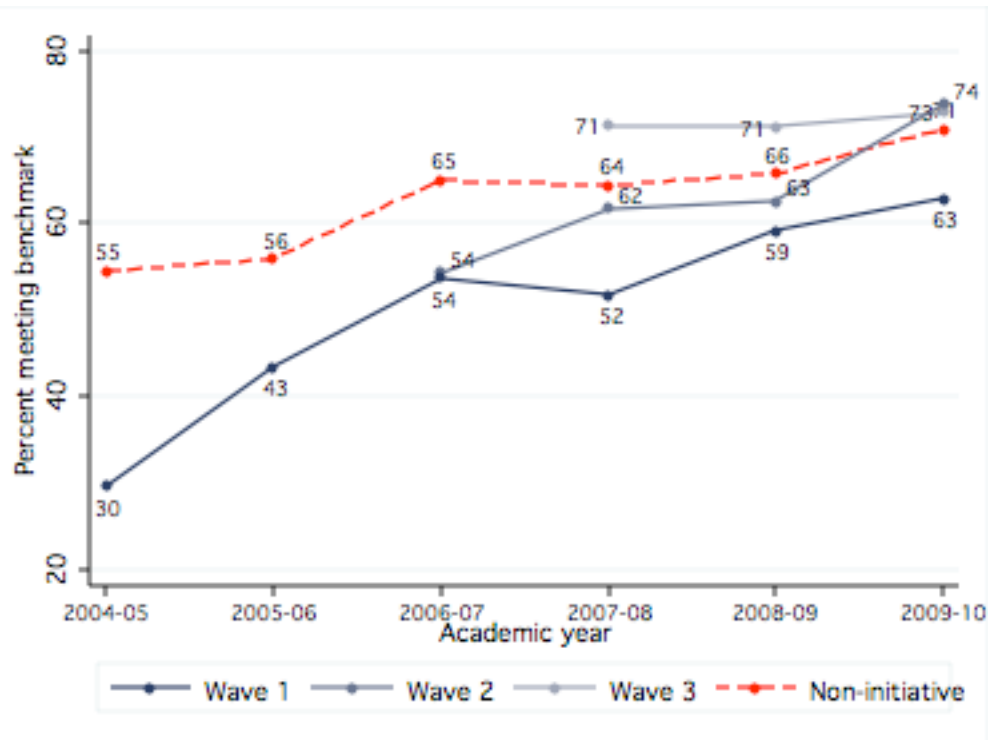


Source: ECONorthwest analysis of ODE student-level data.

The trends in performance on the 10<sup>th</sup> grade OAKS reading test are more positive for Initiative students, with strong improvement over time for all students and for ED students alone (see Figure 9 and Figure 10). By 2009-10, Wave 2 and Wave 3 students outperformed their non-Initiative counterparts, and Wave 1 had made significant progress towards closing the 18 percentage point gap with non-Initiative students that was present in 2004-05.

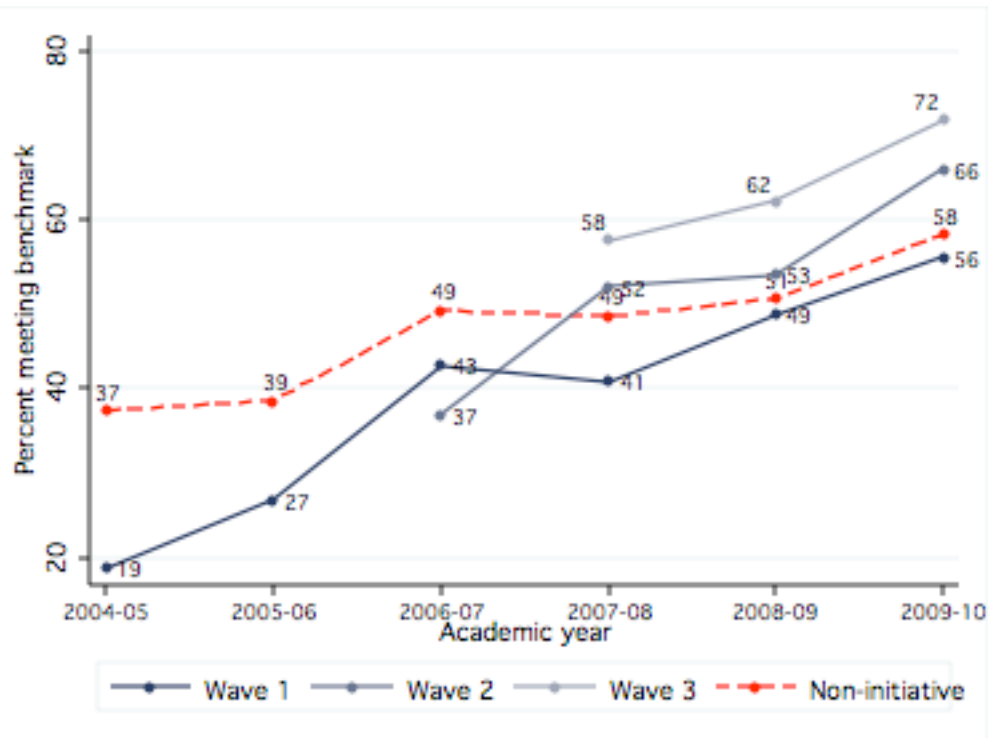


**Figure 9: Reading - 10<sup>th</sup> grade OAKS meet/exceed rate for all students, 2004-05 to 2009-10**



Source: ECONorthwest analysis of ODE student-level data.

**Figure 10: Reading - 10<sup>th</sup> grade OAKS meet/exceed rate for economically disadvantaged students, 2004-05 to 2009-10**



Source: ECONorthwest analysis of ODE student-level data.

In conclusion, this data update suggests that, for the most part, Initiative schools have maintained the successes highlighted in earlier reports. Nonetheless, significant work remains, and the current fiscal crisis will present significant new challenges for this group of schools.

## APPENDIX

The tables in this appendix provide detailed achievement meet/exceed rate data by wave, school, and year. The tables also provide population counts underlying each of these data. Not all small schools have a unique ODE identifier, and school-level detail is only available for schools that do. Dropout and graduation rates are provided only for schools in years in which all four grades (9<sup>th</sup> through 12<sup>th</sup>) had implemented the small schools model. Achievement growth data and additional population size data are available upon request to ECONorthwest.

**Table A1: 10<sup>th</sup> grade OAKS math meet/exceed by school, 2004-05 to 2009-10**

OSSSI Campus	10th grade OAKS math meet/exceed											
	All students						Economically distadvantaged students					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<i>All Non-Initiative schools</i>	47.0	45.4	54.9	51.9	53.5	56.2	30.4	28.9	38.2	35.3	38.0	42.1
<i>Wave 1 schools</i>	24.7	34.3	42.5	43.8	51.5	52.1	29.3	43.3	53.7	51.7	59.1	62.9
Liberty HS	31.7	44.6	56.7	53.1	63.3	68.9	14.8	20.5	35.7	32.3	46.8	59.4
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
ACT (at Liberty)	--	--	--	--	--	--	--	--	--	--	--	--
HHS	--	--	--	--	--	--	--	--	--	--	--	--
Marshall HS	27.1	24.7	37.6	39.4	45.3	44.2	29.6	27.8	49.4	51.0	55.4	57.3
Biz Tech	29.6	26.2	32.2	31.0	30.9	35.5	28.6	25.5	29.5	29.4	30.0	36.2
Pauling	32.6	23.6	40.0	56.1	57.4	51.0	30.3	21.4	37.3	51.3	56.1	60.0
RA2	18.9	24.1	40.4	34.7	47.1	47.1	19.2	25.0	38.9	37.3	50.0	49.0
Nixyaawii Community School	0.0	12.5	14.3	11.8	7.7	0.0	*	*	*	15.4	14.3	*
Roosevelt HS	10.4	26.5	28.7	33.3	40.6	30.3	20.0	29.8	35.9	37.3	45.2	39.0
ACT	8.1	26.5	47.2	29.3	44.4	31.0	2.3	13.0	36.6	26.2	35.3	30.2
POWER	7.5	20.0	14.9	36.0	45.1	39.3	3.7	20.5	16.0	32.4	41.7	33.3
SEIS	16.7	34.6	21.4	35.1	32.8	19.6	16.2	26.7	17.4	38.5	31.5	19.05
<i>Wave 2 schools</i>	--	--	52.1	56.1	52.8	61.1	--	--	54.4	61.7	62.5	73.8
A3 (Springfield)	--	--	30.0	39.6	55.6	50.9	--	--	25.0	33.3	52.9	46.9
Newberg HS	--	--	69.6	74.5	63.0	71.6	--	--	48.9	54.3	46.6	62.7
Blue School	--	--	--	--	--	--	--	--	--	--	--	--
Green School	--	--	--	--	--	--	--	--	--	--	--	--
Red School	--	--	--	--	--	--	--	--	--	--	--	--
Silver School	--	--	--	--	--	--	--	--	--	--	--	--
Yellow Schools	--	--	--	--	--	--	--	--	--	--	--	--
North Eugene HS	--	--	--	50.8	46.5	58.5	--	--	--	32.1	34.4	50.9
AoA	--	--	--	--	--	--	--	--	--	--	--	--
NIHS	--	--	--	--	--	--	--	--	--	--	--	--
IDEAS	--	--	--	--	--	--	--	--	--	--	--	--
Woodburn HS	--	--	31.9	41.3	44.2	53.6	--	--	31.9	41.3	44.2	53.6
AIS	--	--	--	27.5	31.1	34.8	--	--	--	27.5	31.1	34.8
WAAST	--	--	--	45.3	41.8	64.4	--	--	--	45.3	41.8	64.4
WACA	--	--	--	55.0	48.1	51.2	--	--	--	55.0	48.1	51.2
WeBSS	--	--	--	35.8	53.8	59.0	--	--	--	35.8	53.8	59.0
<i>Wave 3 schools</i>	--	--	--	50.6	52.1	48.1	--	--	--	33.1	40.8	45.3
Crater HS	--	--	--	47.0	47.9	48.6	--	--	--	32.1	42.9	32.9
BIS	--	--	--	48.0	57.0	54.8	--	--	--	41.2	54.2	45.8
RA	--	--	--	45.5	43.7	40.0	--	--	--	22.9	37.9	29.4
CAHPS	--	--	--	54.4	52.0	59.1	--	--	--	43.5	47.6	29.6
CANS	--	--	--	40.4	38.3	41.5	--	--	--	29.4	33.3	31.9
Eagle Ridge HS	--	--	--	10.5	23.2	27.3	--	--	--	14.3	13.8	*
Health and Science School	--	--	--	--	57.7	64.4	--	--	--	--	28.6	50.0
LEP	--	--	--	22.4	35.6	18.1	--	--	--	6.9	23.3	10.2
MACA	--	--	--	44.9	53.9	51.6	--	--	--	22.2	41.0	43.3
South Medford HS	--	--	--	60.0	60.6	54.1	--	--	--	40.7	49.5	54.0
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
BACH	--	--	--	--	--	--	--	--	--	--	--	--
CHAMPS	--	--	--	--	--	--	--	--	--	--	--	--
Discovery	--	--	--	--	--	--	--	--	--	--	--	--

Notes: \*Data suppressed.

Source: ECONorthwest analysis of ODE student-level data.

**Table A2: 10<sup>th</sup> grade OAKS reading meet/exceed rate, by school, 2004-05 to 2009-10**

OSSI Campus	10th grade OAKS reading meet/exceed											
	All students						Economically distadvantaged students					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<i>All Non-Initiative schools</i>	54.5	55.9	65.0	64.4	65.8	70.9	37.4	38.5	49.3	48.5	50.7	58.2
<i>Wave 1 schools</i>	29.3	43.3	53.7	51.7	59.1	62.9	18.5	26.8	42.7	40.9	48.7	55.5
Liberty HS	33.4	59.6	68.9	60.2	70.3	78.4	13.9	33.6	50.8	36.7	53.9	69.3
Freshman Academy ACT (at Liberty) HHS	--	--	--	--	--	--	--	--	--	--	--	--
Marshall HS	29.6	27.8	49.4	51.0	55.4	57.3	29.3	24.4	42.6	50.7	53.2	57.7
Biz Tech	16.7	24.2	35.2	45.6	44.4	54.2	8.3	20.8	27.9	45.8	38.5	55.6
Pauling	34.1	32.7	56.6	59.3	60.8	58.3	40.6	31.0	48.0	55.0	60.0	58.8
RA2	35.1	27.1	56.2	49.3	60.0	59.2	34.6	22.0	51.4	52.0	60.0	58.8
Nixyaawii Community School	30.8	*	50.0	29.4	33.3	44.4	*	*	*	30.8	50.0	*
Roosevelt HS	20.0	29.8	35.9	37.3	45.2	39.0	15.1	23.8	35.3	35.0	39.3	34.9
ACT	21.3	36.9	50.7	33.9	53.4	41.4	17.1	29.5	56.4	28.6	45.1	41.9
POWER	15.6	24.6	30.0	39.2	48.0	47.3	6.5	22.7	33.3	35.1	44.4	42.9
SEIS	23.1	27.1	24.6	39.3	33.3	27.5	20.6	19.0	19.6	42.1	30.2	19.5
<i>Wave 2 schools</i>	--	--	--	61.7	62.5	73.8	--	--	35.3	52.1	53.4	65.9
A3 (Springfield)	--	--	--	87.5	83.3	86.0	--	--	53.8	81.0	70.6	78.1
Newberg HS	--	--	--	73.7	64.3	79.9	--	--	42.9	48.1	42.1	68.5
Blue School	--	--	--	--	--	--	--	--	--	--	--	--
Green School	--	--	--	--	--	--	--	--	--	--	--	--
Red School	--	--	--	--	--	--	--	--	--	--	--	--
Silver School	--	--	--	--	--	--	--	--	--	--	--	--
Yellow Schools	--	--	--	--	--	--	--	--	--	--	--	--
North Eugene HS	--	--	--	49.8	67.1	78.2	--	--	--	40.0	57.3	71.6
AoA	--	--	--	--	--	--	--	--	--	--	--	--
NIHS	--	--	--	--	--	--	--	--	--	--	--	--
IDEAS	--	--	--	--	--	--	--	--	--	--	--	--
Woodburn HS	--	--	32.8	52.8	54.7	61.4	--	--	32.8	52.8	54.7	61.4
AIS	--	--	--	39.7	39.1	31.2	--	--	--	39.7	39.1	31.2
WAAST	--	--	--	56.4	52.0	73.3	--	--	--	56.4	52.0	73.3
WACA	--	--	--	63.7	64.1	70.2	--	--	--	63.7	64.1	70.2
WeBSS	--	--	--	49.3	61.3	62.7	--	--	--	49.3	61.3	62.7
<i>Wave 3 schools</i>	--	--	--	71.3	71.2	72.8	--	--	--	57.6	62.1	71.8
Crater HS	--	--	--	68.3	67.6	75.2	--	--	--	59.3	61.2	67.6
BIS	--	--	--	68.0	67.0	79.8	--	--	--	52.9	58.3	75.0
RA	--	--	--	66.7	74.7	69.9	--	--	--	68.6	75.9	62.7
CAHPS	--	--	--	69.2	73.3	75.8	--	--	--	47.8	61.9	53.8
CANS	--	--	--	69.5	55.8	75.8	--	--	--	60.6	45.8	76.6
Eagle Ridge HS	--	--	--	44.7	47.2	50.0	--	--	--	42.9	40.7	*
Health and Science School	--	--	--	--	67.3	81.4	--	--	--	--	36.7	75.9
LEP	--	--	--	51.0	56.0	49.6	--	--	--	37.9	43.3	38.2
MACA	--	--	--	67.3	72.0	64.3	--	--	--	50.0	61.5	50.8
South Medford HS	--	--	--	78.4	80.5	79.6	--	--	--	61.7	75.3	80.8
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
BACH	--	--	--	--	--	--	--	--	--	--	--	--
CHAMPS	--	--	--	--	--	--	--	--	--	--	--	--
Discovery	--	--	--	--	--	--	--	--	--	--	--	--

Notes: \*Data suppressed.

Source: ECONorthwest analysis of ODE student-level data.

**Table A3: 10<sup>th</sup> grade OAKS writing meet/exceed rate, by school, 2004-05 to 2009-10**

OSSI Campus	10th grade OAKS writing meet/exceed											
	All students						Economically distadvantaged students					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<i>All Non-Initiative schools</i>	56.3	55.9	54.9	56.3	55.3	52.7	39.7	38.3	37.7	40.2	39.2	38.3
<i>Wave 1 schools</i>	41.5	40.1	38.3	43.1	45.7	48.8	28.5	29.8	26.9	33.4	38.1	40.8
Liberty HS	49.2	46.2	52.7	42.9	38.3	63.2	24.8	23.4	28.9	26.2	22.1	52.0
Freshman Academy ACT (at Liberty) HHS	--	--	--	--	--	--	--	--	--	--	--	--
Marshall HS	34.7	31.6	33.9	52.4	56.0	40.6	32.9	29.5	32.1	45.1	51.3	41.4
Biz Tech	51.7	30.2	29.7	50.9	45.2	34.8	47.8	32.7	27.8	46.5	40.6	36.6
Pauling	19.4	27.8	34.4	53.7	72.1	54.3	25.0	19.5	32.5	44.4	66.7	48.1
RA2	36.1	36.8	36.8	52.5	52.3	37.1	28.0	35.9	35.2	44.2	47.9	41.7
Nixyaawii Community School	8.3	0.0	50.0	23.5	9.1	22.2	*	*	*	*	*	*
Roosevelt HS	32.3	39.2	20.5	33.8	53.4	25.2	30.9	36.2	18.2	30.3	46.5	22.7
ACT	34.5	46.2	21.8	30.2	61.0	28.2	37.8	40.0	21.2	22.6	53.7	32.3
POWER	25.7	36.5	20.7	36.6	70.0	31.0	13.6	39.5	19.1	36.4	65.6	19.4
SEIS	35.0	33.3	18.8	34.8	29.8	16.7	34.3	28.6	14.6	31.4	24.4	17.1
<i>Wave 2 schools</i>	--	--	44.2	50.6	54.9	50.7	--	--	22.7	39.7	45.1	42.2
A3 (Springfield)	--	--	57.1	70.8	60.0	61.1	--	--	61.5	71.4	64.7	54.8
Newberg HS	--	--	62.7	60.7	63.5	58.6	--	--	30.9	46.3	45.1	45.8
Blue School	--	--	--	--	--	--	--	--	--	--	--	--
Green School	--	--	--	--	--	--	--	--	--	--	--	--
Red School	--	--	--	--	--	--	--	--	--	--	--	--
Silver School	--	--	--	--	--	--	--	--	--	--	--	--
Yellow Schools	--	--	--	--	--	--	--	--	--	--	--	--
North Eugene HS	--	--	--	51.3	53.1	50.0	--	--	--	44.6	42.6	38.0
AoA	--	--	--	--	--	--	--	--	--	--	--	--
NIHS	--	--	--	--	--	--	--	--	--	--	--	--
IDEAS	--	--	--	--	--	--	--	--	--	--	--	--
Woodburn HS	--	--	17.9	33.7	44.8	40.9	--	--	17.9	33.7	44.8	40.9
AIS	--	--	--	47.8	39.7	39.7	--	--	--	47.8	39.7	39.7
WAAST	--	--	--	30.2	47.3	44.0	--	--	--	30.2	46.7	44.0
WACA	--	--	--	36.8	52.2	41.0	--	--	--	36.8	52.9	41.5
WeBSS	--	--	--	17.0	40.4	38.6	--	--	--	17.0	40.4	39.0
<i>Wave 3 schools</i>	--	--	--	64.1	55.5	46.2	--	--	--	50.0	45.5	45.5
Crater HS	--	--	--	65.5	66.2	50.1	--	--	--	55.3	65.6	40.3
BIS	--	--	--	54.7	67.4	67.7	--	--	--	29.4	63.6	70.8
RA	--	--	--	76.0	77.5	53.1	--	--	--	74.3	72.4	45.8
CAHPS	--	--	--	74.7	70.1	53.3	--	--	--	60.0	80.0	30.8
CANS	--	--	--	57.3	51.1	26.1	--	--	--	45.2	45.5	23.9
Eagle Ridge HS	--	--	--	25.0	31.1	19.5	--	--	--	28.6	20.0	*
Health and Science School	--	--	--	--	47.0	35.6	--	--	--	--	19.1	20.7
LEP	--	--	--	29.2	41.7	24.2	--	--	--	20.7	20.0	13.3
MACA	--	--	--	52.1	36.6	21.8	--	--	--	38.9	44.4	18.4
South Medford HS	--	--	--	70.8	55.7	56.4	--	--	--	54.9	48.6	56.5
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
BACH	--	--	--	--	--	--	--	--	--	--	--	--
CHAMPS	--	--	--	--	--	--	--	--	--	--	--	--
Discovery	--	--	--	--	--	--	--	--	--	--	--	--

Notes: \*Data suppressed.

Source: ECONorthwest analysis of ODE student-level data.

**Table A4: Population counts, 10<sup>th</sup> grade OAKS math meet/exceed rate, by school, 2004-05 to 2009-10**

OSSI Campus	10th grade OAKS math meet/exceed											
	All students						Economically distadvantaged students					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<i>All Non-Initiative schools</i>	40103	41237	41453	39844	39663	39741	41310	13678	13662	13655	14860	16577
<i>Wave 1 schools</i>	570	696	774	720	695	680	313	384	438	399	418	430
Liberty HS	306	325	298	335	316	325	122	112	115	127	139	165
Freshman Academy ACT (at Liberty) HHS	--	--	--	--	--	--	--	--	--	--	--	--
Marshall HS	107	178	274	203	179	181	80	133	184	141	131	133
Biz Tech	27	65	90	71	55	62	21	51	61	51	40	47
Pauling	43	55	80	57	54	49	33	42	51	39	41	35
RA2	37	58	104	75	70	70	26	40	72	51	50	51
Nixyaawii Community School	13	8	7	17	13	9*		*	*	13	7	5
Roosevelt HS	144	185	195	165	187	165	107	135	137	118	141	127
ACT	62	68	72	58	72	58	43	46	41	42	51	43
POWER	40	65	67	50	51	56	27	44	50	37	36	42
SEIS	42	52	56	57	64	51	37	45	46	39	54	42
<i>Wave 2 schools</i>	--	--	705	987	1051	974	--	--	403	517	572	567
A3 (Springfield)	--	--	20	48	36	55	--	--	12	21	17	32
Newberg HS	--	--	378	373	432	348	--	--	94	105	133	110
Blue School	--	--	--	--	--	--	--	--	--	--	--	--
Green School	--	--	--	--	--	--	--	--	--	--	--	--
Red School	--	--	--	--	--	--	--	--	--	--	--	--
Silver School	--	--	--	--	--	--	--	--	--	--	--	--
Yellow Schools	--	--	--	--	--	--	--	--	--	--	--	--
North Eugene HS	--	--	--	244	241	248	--	--	--	78	90	110
AoA	--	--	--	--	--	--	--	--	--	--	--	--
NIHS	--	--	--	--	--	--	--	--	--	--	--	--
IDEAS	--	--	--	--	--	--	--	--	--	--	--	--
Woodburn HS	--	--	307	322	342	323	--	--	307	322	342	323
AIS	--	--	--	80	74	66	--	--	--	80	74	66
WAAST	--	--	--	95	98	90	--	--	--	95	98	90
WACA	--	--	--	80	77	84	--	--	--	80	77	84
WeBSS	--	--	--	67	93	83	--	--	--	67	93	83
<i>Wave 3 schools</i>	--	--	--	1002	1124	1126	--	--	--	347	439	713
Crater HS	--	--	--	383	376	385	--	--	--	109	98	149
BIS	--	--	--	100	93	93	--	--	--	17	24	24
RA	--	--	--	99	87	105	--	--	--	35	29	51
CAHPS	--	--	--	90	102	93	--	--	--	23	21	27
CANS	--	--	--	94	94	94	--	--	--	34	24	47
Eagle Ridge HS	--	--	--	38	56	44	--	--	--	14	29	3
Health and Science School	--	--	--	--	104	59	--	--	--	--	49	30
LEP	--	--	--	49	73	105	--	--	--	29	30	49
MACA	--	--	--	49	76	95	--	--	--	18	39	60
South Medford HS	--	--	--	483	439	438	--	--	--	177	194	422
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
BACH	--	--	--	--	--	--	--	--	--	--	--	--
CHAMPS	--	--	--	--	--	--	--	--	--	--	--	--
Discovery	--	--	--	--	--	--	--	--	--	--	--	--

Notes: \*Data suppressed.

Source: ECONorthwest analysis of ODE student-level data.

**Table A5: Population counts, 10<sup>th</sup> grade OAKS reading meet/exceed rate, by school, 2004-05 to 2009-10**

OSSI Campus	10th grade OAKS reading meet/exceed											
	All students						Economically distadvantaged students					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<i>All Non-Initiative schools</i>	40327	41310	42010	40280	40124	40250	12731	13600	13732	13668	14906	16660
<i>Wave 1 schools</i>	580	688	784	727	690	679	314	377	440	396	411	427
Liberty HS	314	329	309	344	317	328	122	113	118	128	141	166
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
ACT (at Liberty)	--	--	--	--	--	--	--	--	--	--	--	--
HHS	--	--	--	--	--	--	--	--	--	--	--	--
Marshall HS	108	176	269	200	175	178	82	131	183	138	124	130
Biz Tech	30	62	88	68	54	59	24	48	61	48	39	45
Pauling	41	55	76	59	51	48	32	42	50	40	35	34
RA2	37	59	105	73	70	71	26	41	72	50	50	51
Nixyaawii Community School	13	5	8	17	12	9	4	3	3	13	6	5
Roosevelt HS	145	178	198	166	186	164	145	178	198	166	186	164
ACT	61	65	71	59	73	58	41	44	39	42	51	43
POWER	45	65	70	51	50	55	31	44	51	37	36	42
SEIS	39	48	57	56	63	51	34	42	46	38	53	41
<i>Wave 2 schools</i>	--	--	698	983	1049	980	--	--	399	507	573	563
A3 (Springfield)	--	--	22	48	36	57	--	--	13	21	17	32
Newberg HS	--	--	383	376	429	354	--	--	98	104	133	108
Blue School	--	--	--	--	--	--	--	--	--	--	--	--
Green School	--	--	--	--	--	--	--	--	--	--	--	--
Red School	--	--	--	--	--	--	--	--	--	--	--	--
Silver School	--	--	--	--	--	--	--	--	--	--	--	--
Yellow Schools	--	--	--	--	--	--	--	--	--	--	--	--
North Eugene HS	--	--	--	243	246	248	--	--	--	75	96	109
AoA	--	--	--	--	--	--	--	--	--	--	--	--
NIHS	--	--	--	--	--	--	--	--	--	--	--	--
IDEAS	--	--	--	--	--	--	--	--	--	--	--	--
Woodburn HS	--	--	293	316	338	321	--	--	293	316	338	321
AIS	--	--	--	70	69	64	--	--	--	70	69	64
WAAST	--	--	--	97	98	90	--	--	--	97	98	90
WACA	--	--	--	76	78	84	--	--	--	76	78	84
WeBSS	--	--	--	93	93	83	--	--	--	93	93	83
<i>Wave 3 schools</i>	--	--	--	998	1126	1148	--	--	--	344	433	717
Crater HS	--	--	--	385	377	387	--	--	--	108	98	148
BIS	--	--	--	100	94	94	--	--	--	17	24	24
RA	--	--	--	99	87	103	--	--	--	35	29	51
CAHPS	--	--	--	91	101	95	--	--	--	23	21	26
CANS	--	--	--	95	95	95	--	--	--	33	24	47
Eagle Ridge HS	--	--	--	38	53	42	--	--	--	14	27	3
Health and Science School	--	--	--	--	104	59	--	--	--	--	49	29
LEP	--	--	--	49	75	115	--	--	--	29	30	55
MACA	--	--	--	49	75	98	--	--	--	18	39	61
South Medford HS	--	--	--	477	442	447	--	--	--	175	190	421
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
BACH	--	--	--	--	--	--	--	--	--	--	--	--
CHAMPS	--	--	--	--	--	--	--	--	--	--	--	--
Discovery	--	--	--	--	--	--	--	--	--	--	--	--

Notes: \*Data suppressed.

Source: ECONorthwest analysis of ODE student-level data.



**Table A6: Population counts, 10<sup>th</sup> grade OAKS writing meet/exceed rate, by school, 2004-05 to 2009-10**

OSSI Campus	10th grade OAKS writing meet/exceed											
	All students						Economically distadvantaged students					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
<i>All Non-Initiative schools</i>	39084	40161	39579	38115	37376	37323	12231	13198	13020	12960	14022	15537
<i>Wave 1 schools</i>	544	671	663	627	610	574	291	369	386	356	370	368
Liberty HS	301	314	264	312	303	299	117	107	97	122	136	150
Freshman Academy ACT (at Liberty) HHS	--	--	--	--	--	--	--	--	--	--	--	--
Marshall HS	101	174	230	168	150	143	76	129	165	122	113	116
Biz Tech	29	63	74	55	42	46	23	49	54	43	32	41
Pauling	36	54	61	54	43	35	28	41	40	36	33	27
RA2	36	57	95	59	65	62	25	39	71	43	48	48
Nixyaawii Community School	12	7	8	17	11	9*		*	*	*	*	*
Roosevelt HS	130	176	161	130	146	123	94	130	121	99	114	97
ACT	55	65	55	43	59	39	37	45	33	31	41	31
POWER	35	63	58	41	40	42	22	43	47	33	32	31
SEIS	40	48	48	46	47	42	35	42	41	35	41	35
<i>Wave 2 schools</i>	--	--	670	915	995	950	--	--	379	466	550	557
A3 (Springfield)	--	--	21	48	35	54	--	--	13	21	17	31
Newberg HS	--	--	375	351	400	343	--	--	94	95	122	107
Blue School	--	--	--	--	--	--	--	--	--	--	--	--
Green School	--	--	--	--	--	--	--	--	--	--	--	--
Red School	--	--	--	--	--	--	--	--	--	--	--	--
Silver School	--	--	--	--	--	--	--	--	--	--	--	--
Yellow Schools	--	--	--	--	--	--	--	--	--	--	--	--
North Eugene HS	--	--	--	240	241	240	--	--	--	74	94	108
AoA	--	--	--	--	--	--	--	--	--	--	--	--
NIHS	--	--	--	--	--	--	--	--	--	--	--	--
IDEAS	--	--	--	--	--	--	--	--	--	--	--	--
Woodburn HS	--	--	274	276	319	313	--	--	274	276	319	313
AIS	--	--	--	69	68	63	--	--	--	69	68	63
WAAST	--	--	--	86	93	84	--	--	--	86	93	84
WACA	--	--	--	68	69	83	--	--	--	68	69	83
WeBSS	--	--	--	53	89	83	--	--	--	53	89	83
<i>Wave 3 schools</i>	--	--	--	942	1022	1050	--	--	--	326	396	672
Crater HS	--	--	--	359	358	373	--	--	--	103	93	144
BIS	--	--	--	95	89	93	--	--	--	17	22	24
RA	--	--	--	96	80	98	--	--	--	35	29	48
CAHPS	--	--	--	79	97	90	--	--	--	20	20	26
CANS	--	--	--	89	92	92	--	--	--	31	22	46
Eagle Ridge HS	--	--	--	32	45	41	--	--	--	14	25	3
Health and Science School	--	--	--	--	100	59	--	--	--	--	47	29
LEP	--	--	--	48	48	91	--	--	--	29	20	45
MACA	--	--	--	48	71	78	--	--	--	18	36	49
South Medford HS	--	--	--	455	400	408	--	--	--	162	175	402
Freshman Academy	--	--	--	--	--	--	--	--	--	--	--	--
BACH	--	--	--	--	--	--	--	--	--	--	--	--
CHAMPS	--	--	--	--	--	--	--	--	--	--	--	--
Discovery	--	--	--	--	--	--	--	--	--	--	--	--

Notes: \*Data suppressed.

Source: ECONorthwest analysis of ODE student-level data.