

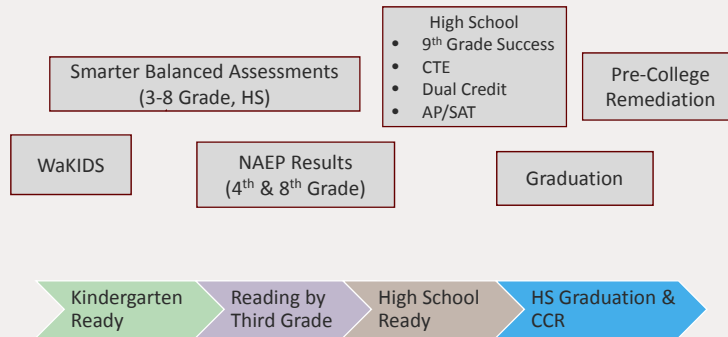


Educational Outcomes 2017 SBE Update

Andrew J. Parr
September 12, 2017

Organization of the Presentation

Data presented on education milestones from kindergarten to postsecondary.

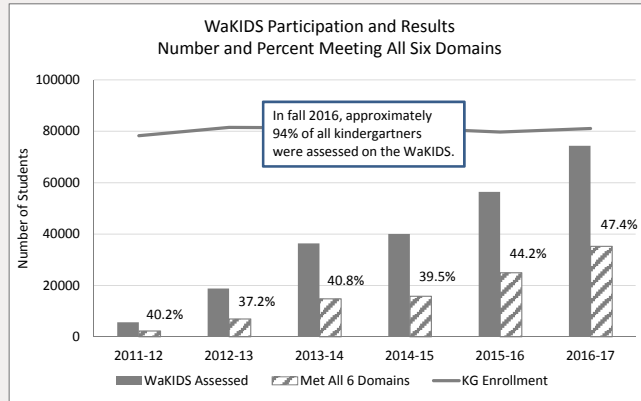


Kindergarten Readiness



2.C.2

Nearly all kindergarten students were assessed on the Washington Kindergarten Inventory of Developing Skills (WaKIDS). About one-half met the standards for all six assessment domains.



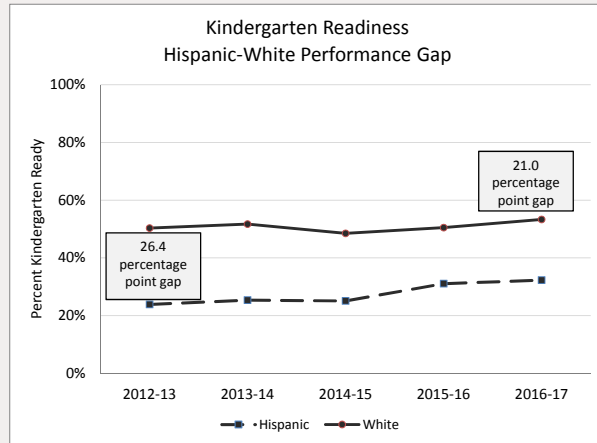
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Kindergarten Readiness



2.C.2

The Kindergarten Readiness performance gap between Hispanic and White student groups is narrowing.



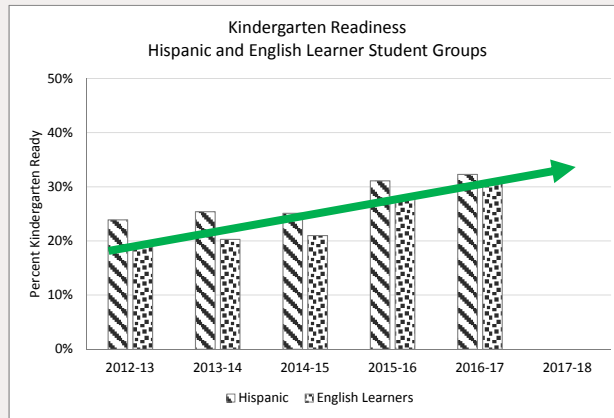
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Improvements in Kindergarten Readiness



2.C.2

On the measure of Kindergarten Readiness, Hispanic children and English language learners are posting solid annual gains.



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Washington students performed well on the 2016 Smarter Balanced (SBA) tests



2.C.2

Originally published December 2, 2016 at 6:02 am | Updated December 3, 2016 at 10:37 am

Washington students look good on Smarter Balanced tests

Washington students in grades 3-8 performed at or near the top among the 15 states that administered the Smarter Balanced test in 2015.

A selection of the top performing states:

ENGLISH/LANGUAGE ARTS TEST

STATE	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8
New Hampshire	56.0%	57.0%	63.0%	59.0%	62.0%	62.0%
Washington	55.4%	58.0%	61.2%	57.6%	60.0%	61.5%
Vermont	53.8%	53.8%	58.2%	56.2%	57.6%	58.5%
Connecticut	54.0%	55.6%	58.8%	55.0%	55.2%	55.5%
Delaware	53.8%	55.9%	60.3%	51.8%	52.7%	54.2%

Washington students were the second highest performing on the SBA in ELA.

MATH TEST

STATE	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8
Washington	60.0%	56.5%	50.1%	49.0%	51.1%	49.4%
New Hampshire	57.0%	51.0%	48.0%	47.0%	52.0%	47.0%
Vermont	55.8%	49.9%	43.3%	40.9%	46.0%	43.9%
South Dakota	54.0%	48.5%	38.2%	41.0%	42.6%	41.9%
Delaware	55.1%	50.6%	41.5%	37.0%	39.6%	37.7%

Washington students were the overall highest performing on the SBA in math.

Source: Office of Superintendent of Public Instruction

MARK NOWLIN / THE SEATTLE TIMES

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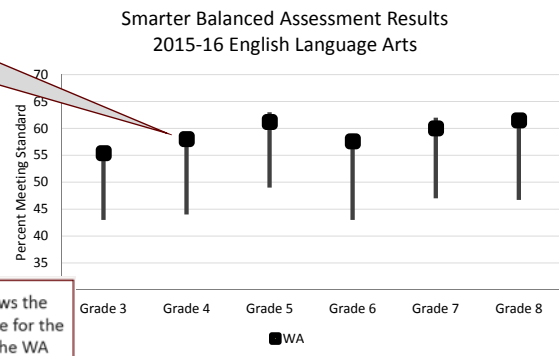
Smarter Balanced – English Language Arts



2.C.2

On the 2015-16 Smarter Balanced ELA assessment, Washington students were among the highest performing of the states using the assessment.

Among the highest performing.



Vertical bar shows the performance range for the 15 SBA states. The WA performance is noted (●).

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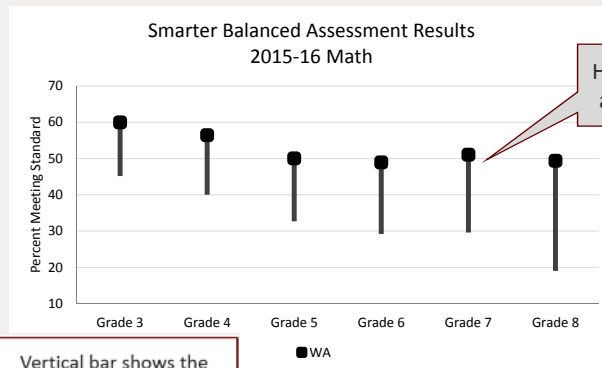
Smarter Balanced – Math



2.C.2

Washington students were the highest performing of the states using the Smarter Balanced math assessment.

Highest performing at all grade levels.



Vertical bar shows the performance range for the 15 SBA states. The WA performance is noted (●).

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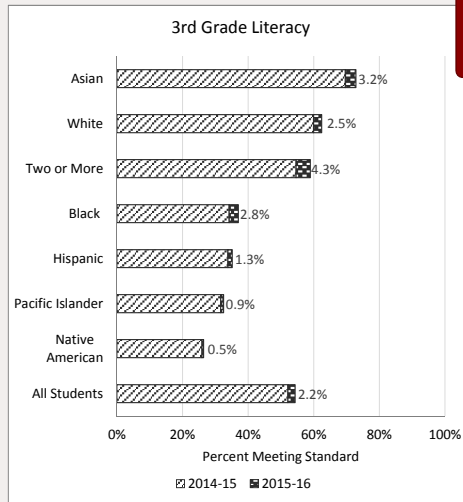
Reading by the 3rd Grade



2.C.2

All race/ethnicity student groups improved in the 2015-16 school year.

A little more than one-half of 3rd graders met standard on the ELA assessment.



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2015 NAEP Results Reading and Math (Combined) Average



2.C.2

National Ranking	4 th Grade Reading and Math Average	Percent At or Above Proficient
1	Massachusetts	51.8
2	New Hampshire	48.7
3	Minnesota	46.2
4	Virginia	45.1
5	Indiana	44.8
9	Washington	43.7

National Ranking	8 th Grade Reading and Math Average	Percent At or Above Proficient
1	Massachusetts	48.2
2	New Hampshire	45.7
3	Minnesota	43.7
4	New Jersey	43.4
5	Vermont	43.0
8	Washington	38.4

On the 2015 NAEP*, Washington 4th and 8th graders ranked in the top 10 nationally.

*Note: NAEP is the National Assessment of Educational Progress

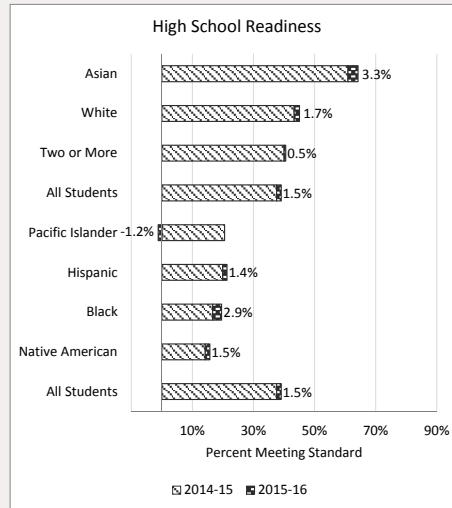
8th Grade High School Readiness



2.C.2

Approximately four of ten 8th graders are ready for the rigorous content of high school coursework.

The performance of most student groups was better in the 2015-16 school year.



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2015 NAEP Results – From Quality Counts



2.C.2

National Ranking	4 th and 8 th Grade Achievement and Gap Measures	Overall Rating Score
1	Massachusetts	85.2
2	New Jersey	81.0
3	New Hampshire	79.4
4	Vermont	78.8
5	Maryland	76.8
13	Washington	73.2

Based on various outcome and gap measures from the NAEP*, Washington was the 13th highest ranked in the nation.

*Note: NAEP is the National Assessment of Educational Progress

Source: <http://www.edweek.org/media/k12-achievement-education-week-quality-counts-2016>

High School Success Measures



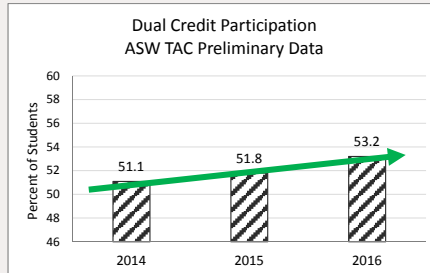
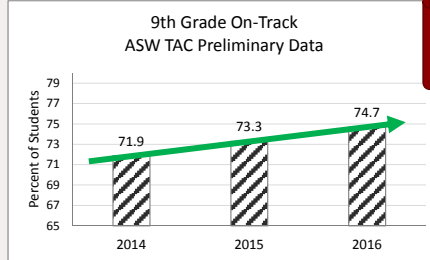
1.D.1

High School Index Measures Incremental Improvement

The percentage of 9th graders who are 'on-track', which means no course failures

The percentage of high school students who participate in dual credit programs

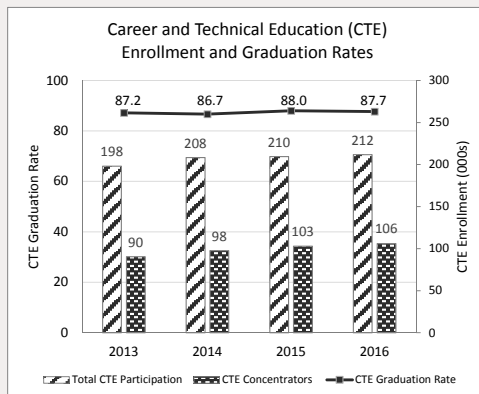
Preliminary Data from the Accountability Systems Workgroup (ASW) Technical Advisory Committee (TAC)



Career and Technical Education



The four-year, high school graduation rate for CTE concentrators* is approximately 8-10 percentage points higher than the state graduation rate.

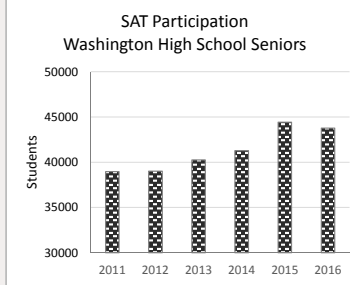


From the 2012-13 to the 2015-16 school year:

- Total CTE enrollment increased approximately seven percent
- The number of CTE concentrators increased approximately 17 percent

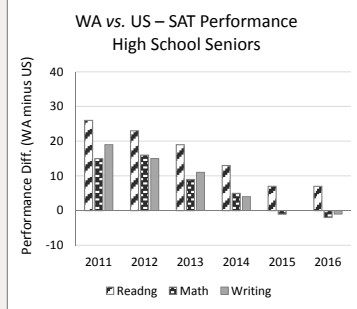
Concentrators are students who have enrolled in two or more CTE courses above the exploratory level in a single cluster.

SAT Participation and Results



In 2016, 55 percent of the graduation cohort sat for the SAT.

WA high school seniors now perform about the same as the US average.



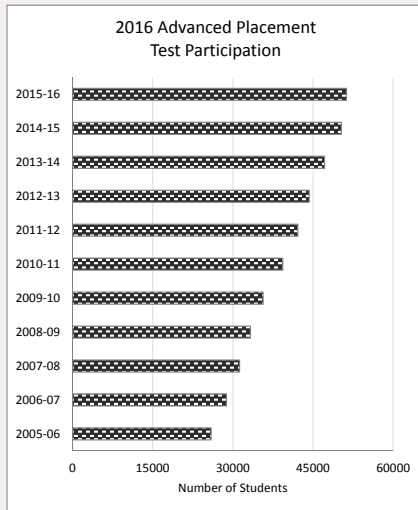
Source <https://reports.collegeboard.org>

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Advanced Placement - Participation



1.C.1



Participation in Advanced Placement courses has steadily increased over the years.

About 40 percent of Washington high school graduates take at least one Advanced Placement test throughout their high school career.

Source <https://reports.collegeboard.org>

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Advanced Placement – Attainment

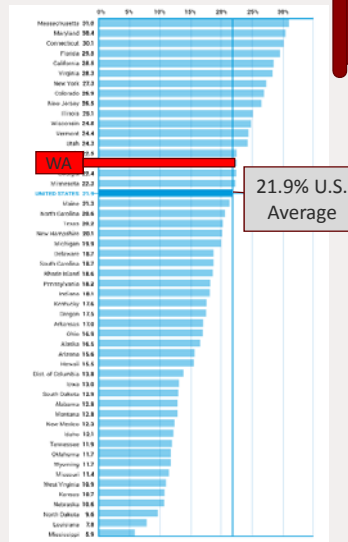


1.C.1

Washington - Class of 2016

About 22.5 percent of the cohort scored a 3 or higher on at least one AP test.

Washington's rate is a little better than the U.S. average (21.9 percent) and the 15th best in the nation.



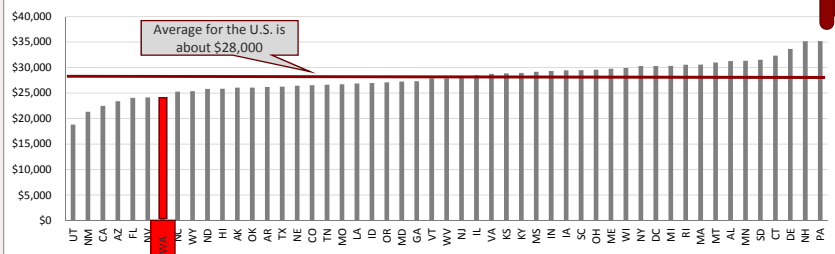
Source <https://reports.collegeboard.org/ap-program-results/class-2016-data>

Benefits of Dual Credit Attainment



1.C.1

College Graduates - Average Student Loan Debt



Success in dual credit programs (such as Running Start and Advanced Placement) contributes to below average student loan debt carried by Washington students upon graduation.

Source <https://lendedu.com/blog/student-loan-debt-statistics-by-school-by-state-2017/#statelevel>

4-Year Adjusted Cohort Graduation Rate

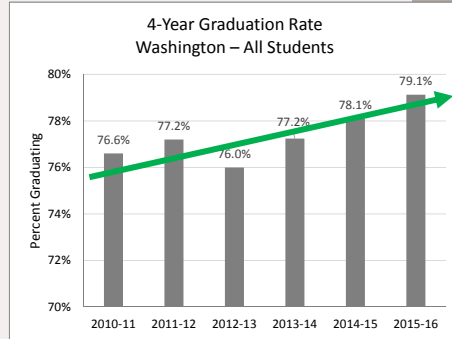


1.D.1

National Ranking	Class of 2014	Percent of Cohort Graduating
1	Iowa	90.5
2	Nebraska	89.7
3	Wisconsin	88.6
4	New Jersey	88.6
5	Texas	88.3
38	Washington	77.2

All states have different graduation requirements and award different types of diplomas.

National Ranking	Class of 2015	Percent of Cohort Graduating
1	Iowa	90.8
2	New Jersey	89.7
3	Alabama	89.3
4	Texas	89.0
5	Nebraska	88.9
41	Washington	78.1

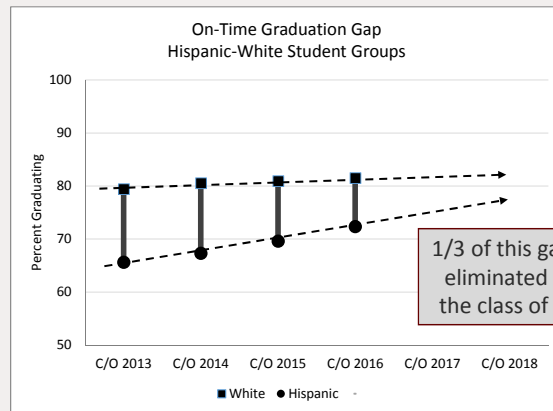


The White-Hispanic Graduation Gap is Decreasing



1.D.1

For the Four-Year Adjusted Cohort Graduation Rate, the performance gap between Hispanic and White students is decreasing.



1/3 of this gap was eliminated since the class of 2013.

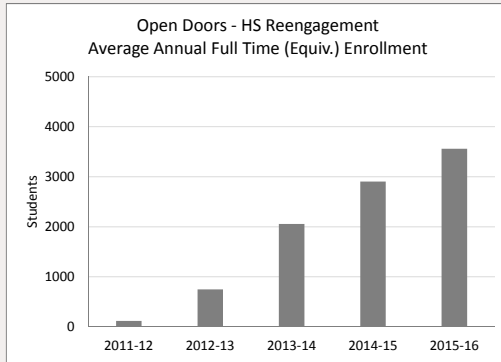
Open Doors – High School Reengagement



1.D.2

In the 2015-16 school year, approximately 7500 students were enrolled (PT or FT) in the Open Doors Reengagement Program

- Approximately 90 percent have never been enrolled in a reengagement program
- Over 400 program participants earned their high school diploma in the 2015-16 school year
- 300+ programs at approximately 150 sites in the 2016-17 school year.

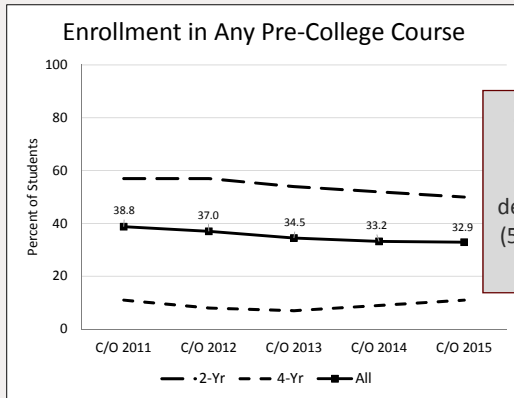


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Enrollment in Precollege Coursework



2.C.2



Overall, the percentage of students enrolling in precollege coursework declined by about 15 percent (5.9 percentage points) since the class of 2011.

Source: Educational Research and Data Center (ERDC) High School Feedback Reports.

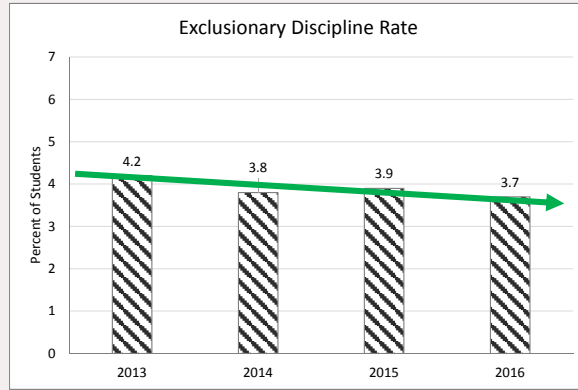
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Statewide Exclusionary Discipline Rate

The percentage of students who experience exclusionary disciplinary events declined ever so slightly over the three most recent years.



1.B.2



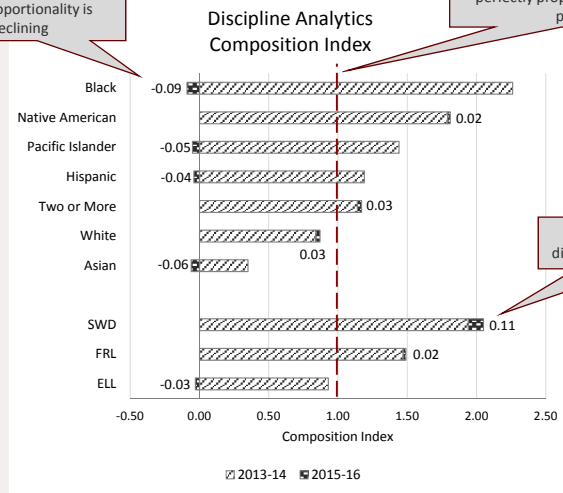
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Exclusionary Discipline – Composition Index

Negative values are desired as disproportionality is declining

A Composition Index of 1.0 represents perfectly proportionate discipline practice.

1.B.2



Positive values mean disproportionality is increasing

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Summary of Educational Outcomes

Educational outcomes are on an upward trend but there are opportunities for improving outcomes.



2.C.2

Milestone	Trend	Status
Kindergarten Readiness	↑	More than one-half of children are not ready for kindergarten.
Reading by 3rd Grade	↑	One-half of 3rd graders did not meet grade level reading (ELA) standards.
High School Readiness	↑	6 of 10 8 th graders are not prepared for rigorous high school coursework.
High School Graduation	↑	20 percent of high school students do not graduate in four years.
Career and College Ready	↑	3 of 10 high school graduates who enroll in college enroll in at least one pre-college course.