

**Colo-NESCO Student Achievement
Data Report 2016-2017**



The Colo-NESCO Community School District is committed to guiding and nurturing the academic, emotional, physical, and social development of all students, while promoting lifelong learning and citizenship in today's rapidly changing world.

The Royal Way

Table of Contents:

- I. District Standardized Assessment Plan
- II. District-wide Student Achievement Goals (submitted to state)
- III. Elementary Achievement Data
 - A. FAST/aReading/Math Benchmarking
 - B. IA Assessment
 - C. Iowa School Report Card Data
- IV. 5-6th Grade Assessment Data
 - A. IA Assessments
 - B. Iowa School Report Card Data
- V. 7-12th Grade Assessment Data
 - A. IA Assessments
 - B. MAP Testing (7-11th Grade Only)
 - C. Iowa School Report Card Data
- VI. Graduate-Post-Graduate Data
 - A. ACT
 - B. Post-Secondary Enrollment & Degree Completion Data
- VII. Data Summary

Acronyms Used:

FAST - Formative Assessment System for Teachers

aReading - Adaptive Reading

MAP -Measures of Academic Progress

I. District Assessment Plan

A. Kindergarten - 4th Grade

1. FAST/aReading/math benchmarking
 - September 19-23
 - January 23-27
 - April 24-28
2. IA Assessments (Grades 2-4)
 - February 6-10

B. 5th-6th Grade

1. FAST/aReading/math benchmarking
 - September 19-23
 - January 23-27
 - April 24-28
2. IA Assessments
 - February 6-10

C. 7th-12th Grade

1. IA Assessments
 - February 6-10, 2017
2. MAP Testing (7-11th Grade Only)
 - Sept. 13-16, 2016
 - April 18-21, 2017

ACT - Primarily 11th-12th Grades

-TAG students in younger grades

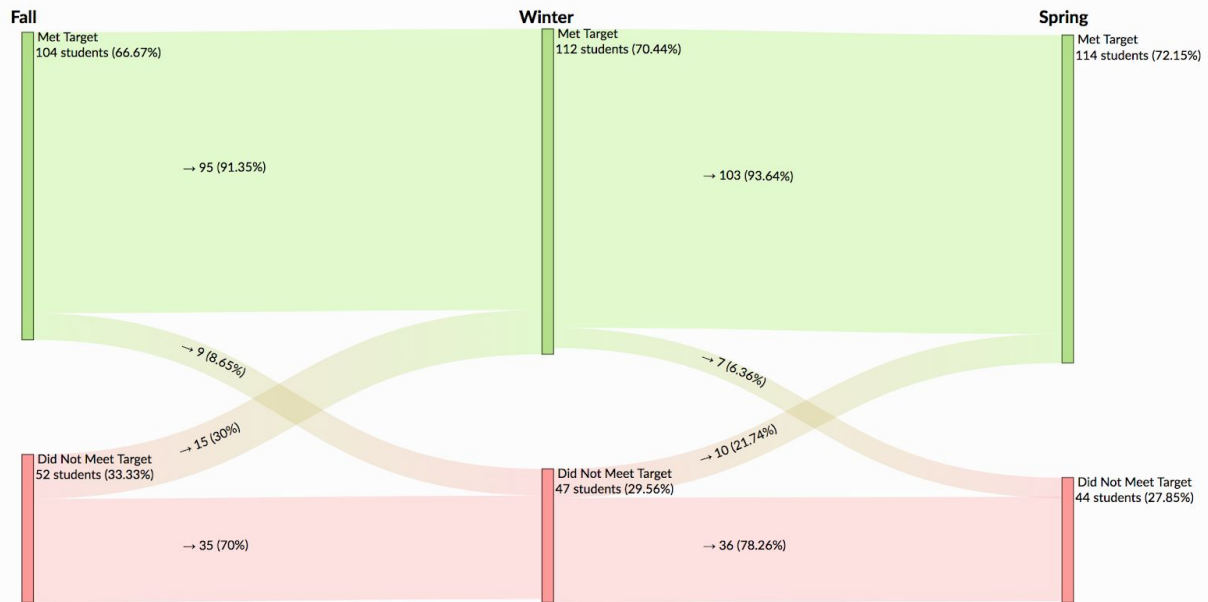
II. District Wide Student Achievement Goals (submitted to state)

1. By the Spring of 2017, 80 percent of Kindergartners will be proficient on the FAST early reading K composite test.
2. By the Spring of 2017, 80 percent of first graders will be proficient on the FAST early reading 1st grade composite test.
3. By the Spring of 2017, 80 percent of students in 2nd-4th grade will be proficient on the FAST CBMreading test.
4. By the year 2018, 80% of students in Kindergarten will be at or above benchmark on the FAST earlyReading K Composite assessment.
5. By the year 2018, 80% of student in 1st grade will be at or above benchmark on the FAST earlyReading 1st Composite assessment.
6. By the year 2018, 80% of students in grades 2-6 will be at or above benchmark on the FAST CBMreading assessment.

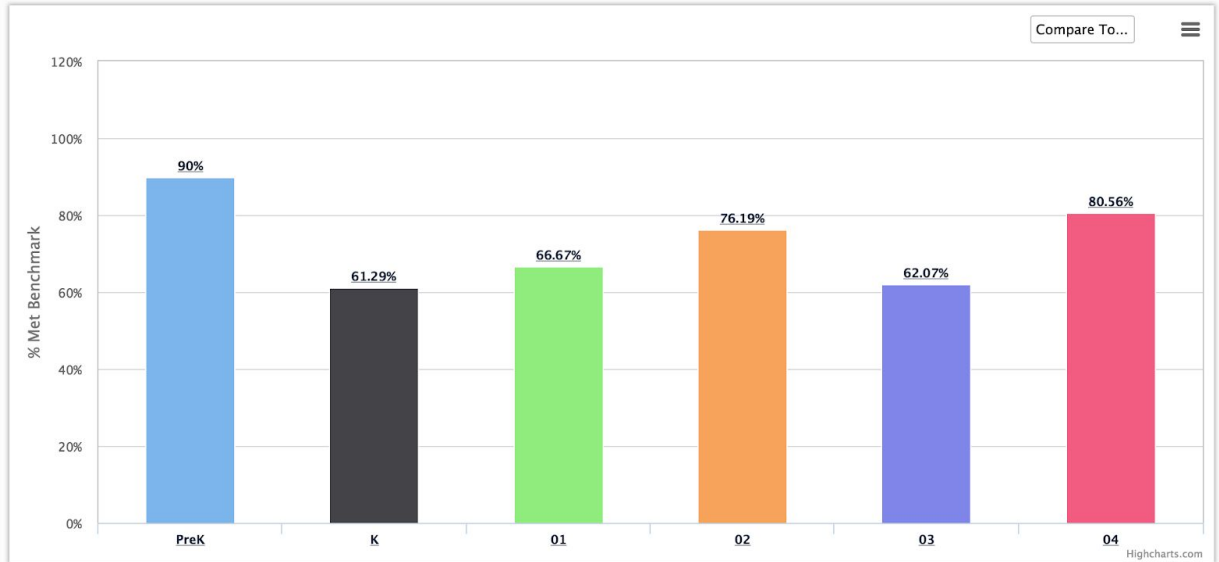
III. Elementary Achievement Data

A. FAST aReading/Math Benchmarking Data

2016-2017, Colo-NESCO Elementary Learning Center (1359-0454), Site Defaults, by Site

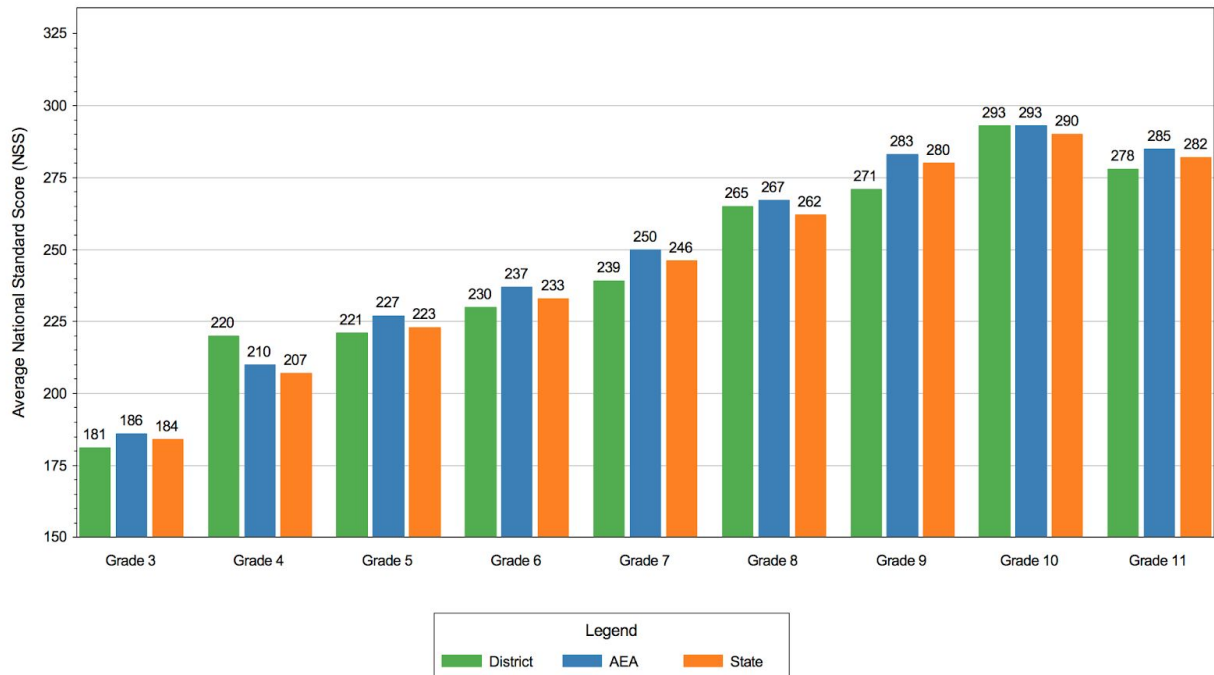


Spring 2016-2017, Colo-NESCO Elementary Learning Center (1359-0454), Site Defaults, by Site, by Grade

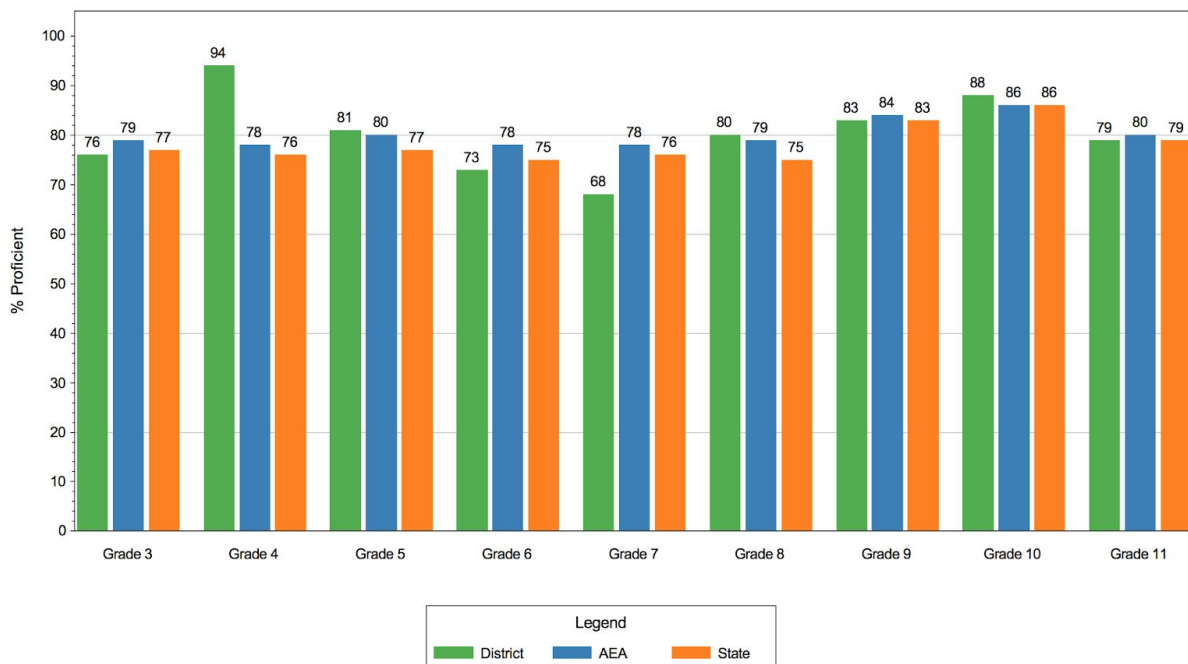


B. IA Assessment Data.

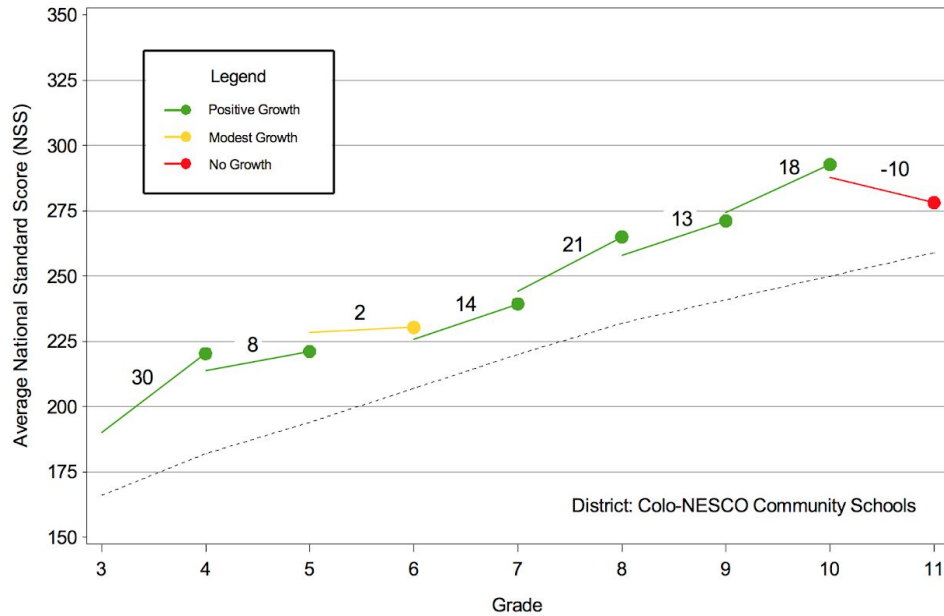
**Reading Snapshot: Average NSS by Grade
Colo-NESCO Community Schools: 2016-2017**



**Reading: Percent Proficient by Grade
Colo-NESCO Community Schools: 2016-2017**



**Cohort Growth in Reading
for the 2015-2016 to 2016-2017 School Years**



The above graph depicts the growth of students in your district. Each line segment represents a different cohort. The dots indicate this year's average NSS for each grade. The line attached and the number above it show the amount of growth a particular cohort made over the past year. The dashed line indicates the level of achievement required for proficiency. Note that growth was not calculated using matched students.

**Domain Performance in Reading on the Iowa Core: Grades 3-8
Colo-NESCO Community Schools: 2016-2017**

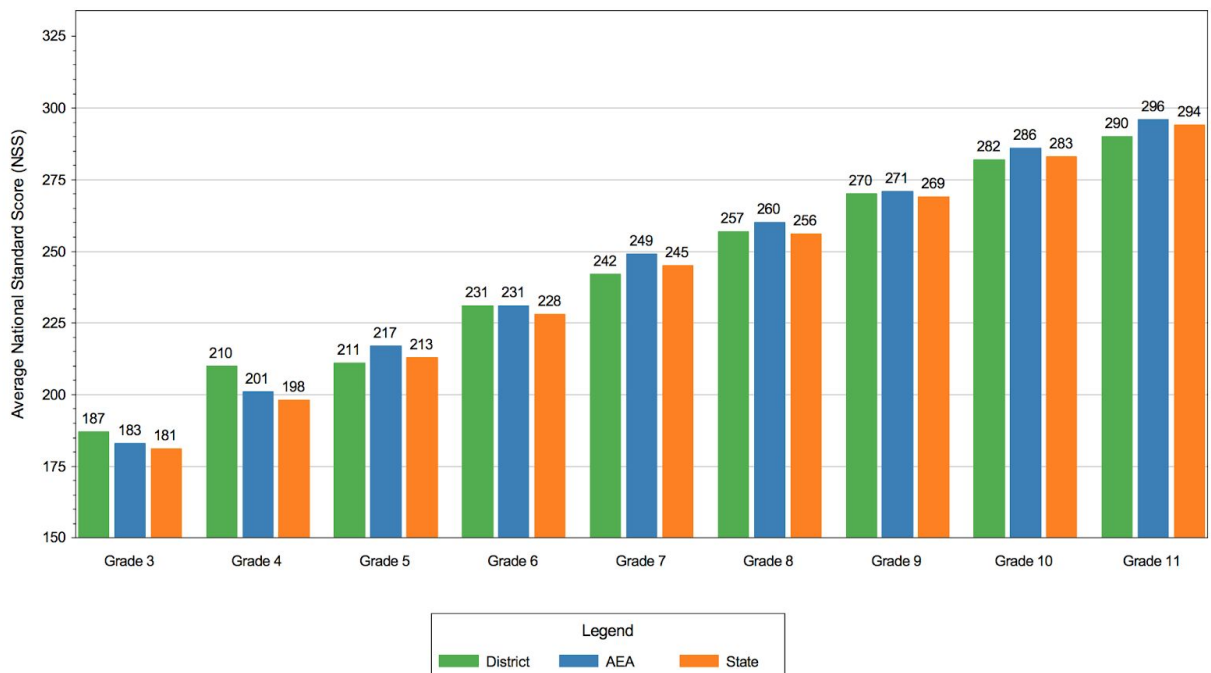
Iowa Core: Reading									
Grade 3 (n=29)					Grade 4 (n=36)				
Domain	# of Points	Percent Correct			Domain	# of Points	Percent Correct		
		District	AEA	Iowa			District	AEA	Iowa
Key Ideas & Details	28	64%	71%	69%	Key Ideas & Details	26	79%	71%	69%
Craft & Structure	11	56%	63%	61%	Craft & Structure	12	75%	69%	67%
Integration of Knowledge & Ideas	02	66%	73%	72%	Integration of Knowledge & Ideas	04	68%	65%	64%
Total	41				Total	42			
Grade 5 (n=31)					Grade 6 (n=30)				
Domain	# of Points	Percent Correct			Domain	# of Points	Percent Correct		
		District	AEA	Iowa			District	AEA	Iowa
Key Ideas & Details	24	68%	71%	68%	Key Ideas & Details	25	67%	71%	69%
Craft & Structure	15	67%	72%	69%	Craft & Structure	16	68%	72%	70%
Integration of Knowledge & Ideas	04	65%	68%	66%	Integration of Knowledge & Ideas	03	57%	60%	57%
Total	43				Total	44			
Grade 7 (n=40)					Grade 8 (n=30)				
Domain	# of Points	Percent Correct			Domain	# of Points	Percent Correct		
		District	AEA	Iowa			District	AEA	Iowa
Key Ideas & Details	27	62%	69%	67%	Key Ideas & Details	27	71%	71%	70%
Craft & Structure	14	66%	69%	67%	Craft & Structure	15	68%	69%	68%
Integration of Knowledge & Ideas	04	56%	62%	59%	Integration of Knowledge & Ideas	04	74%	74%	72%
Total	45				Total	46			

**Domain Performance in Reading on the Iowa Core: Grades 9-11
Colo-NESCO Community Schools: 2016-2017**

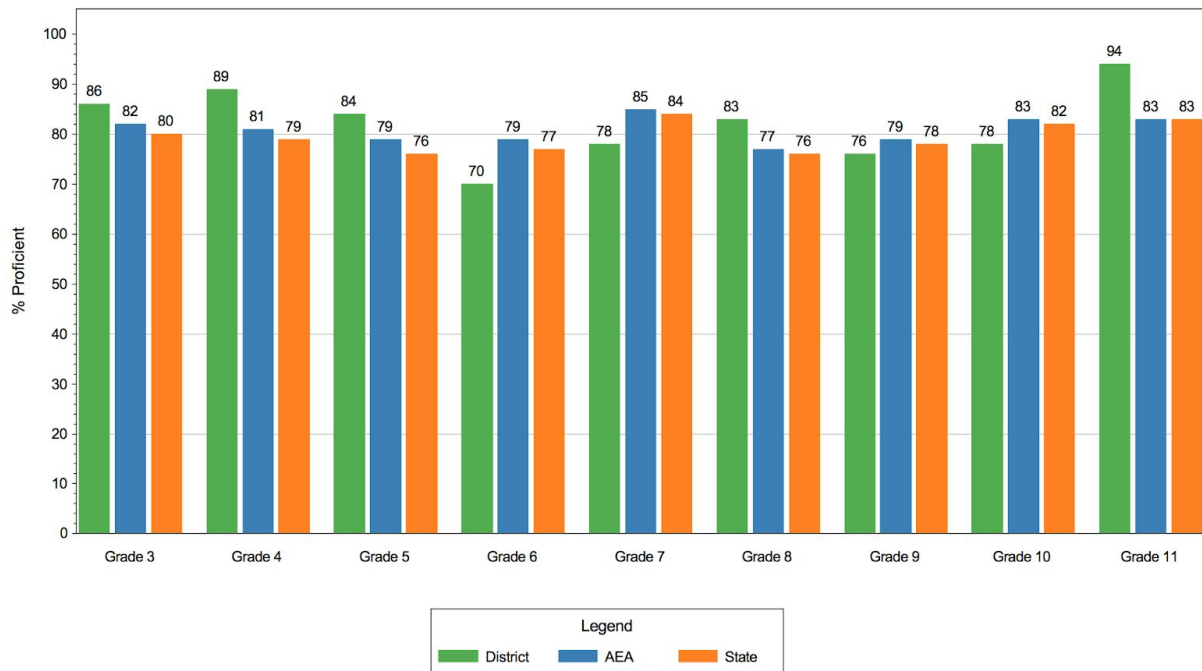
Iowa Core: Reading									
Grade 9 (n=41)					Grade 10 (n=32)				
Domain	# of Points	Percent Correct			Domain	# of Points	Percent Correct		
		District	AEA	Iowa			District	AEA	Iowa
Key Ideas & Details	21	64%	69%	67%	Key Ideas & Details	23	66%	65%	64%
Craft & Structure	16	59%	68%	66%	Craft & Structure	13	71%	72%	71%
Integration of Knowledge & Ideas	03	60%	66%	65%	Integration of Knowledge & Ideas	04	70%	72%	71%
Total	40				Total	40			

Grade 11 (n=33)				
Domain	# of Points	Percent Correct		
		District	AEA	Iowa
Key Ideas & Details	24	60%	64%	62%
Craft & Structure	12	66%	69%	68%
Integration of Knowledge & Ideas	04	58%	60%	58%
Total	40			

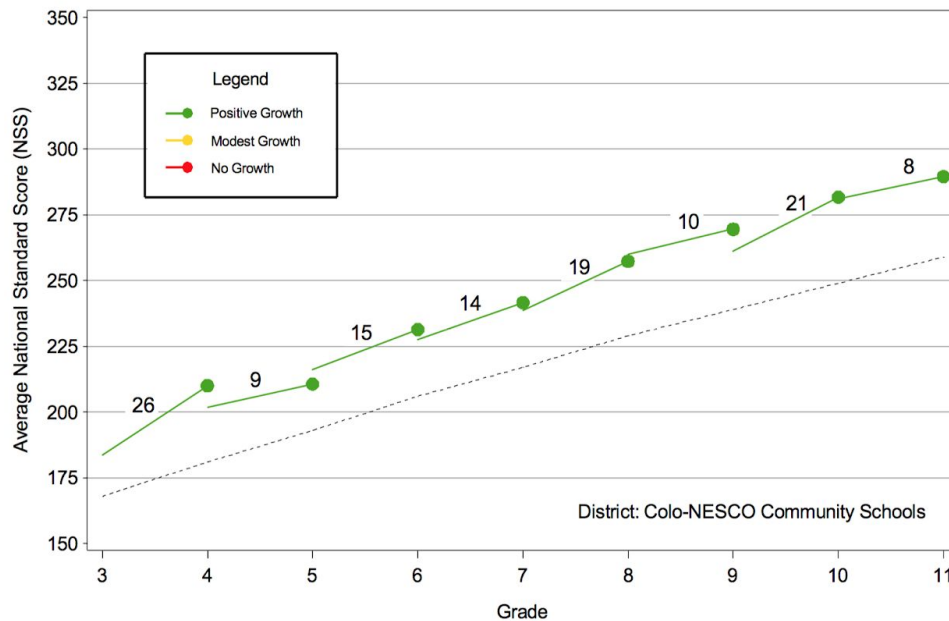
**Mathematics Snapshot: Average NSS by Grade
Colo-NESCO Community Schools: 2016-2017**



**Mathematics: Percent Proficient by Grade
Colo-NESCO Community Schools: 2016-2017**



**Cohort Growth in Mathematics
for the 2015-2016 to 2016-2017 School Years**



The above graph depicts the growth of students in your district. Each line segment represents a different cohort. The dots indicate this year's average NSS for each grade. The line attached and the number above it show the amount of growth a particular cohort made over the past year. The dashed line indicates the level of achievement required for proficiency. Note that growth was not calculated using matched students.

Domain Performance in Mathematics on the Iowa Core: Grades 3-8
Colo-NESCO Community Schools: 2016-2017

Iowa Core: Mathematics									
Grade 3 (n=29)					Grade 4 (n=36)				
Domain	# of	Percent Correct			Domain	# of	Percent Correct		
	Points	District	AEA	Iowa		Points	District	AEA	Iowa
Operations & Algebraic Thinking	14	69%	70%	68%	Operations & Algebraic Thinking	17	75%	72%	69%
Number & Operations in Base 10	06	59%	65%	63%	Number & Operations in Base 10	08	74%	67%	66%
Number & Operations - Fractions	02	71%	74%	73%	Number & Operations - Fractions	02	79%	68%	64%
Measurement & Data	22	75%	70%	68%	Measurement & Data	22	74%	71%	69%
Geometry	06	63%	60%	60%	Geometry	06	68%	58%	55%
Total	50				Total	55			

Grade 5 (n=31)					Grade 6 (n=30)				
Domain	# of	Percent Correct			Domain	# of	Percent Correct		
	Points	District	AEA	Iowa		Points	District	AEA	Iowa
Operations & Algebraic Thinking	15	65%	70%	67%	Ratios & Proportional Relationships	05	49%	53%	51%
Number & Operations in Base 10	11	62%	65%	62%	The Number System	19	65%	66%	63%
Number & Operations - Fractions	02	60%	60%	56%	Expressions & Equations	09	62%	68%	66%
Measurement & Data	23	67%	71%	69%	Geometry	14	61%	61%	59%
Geometry	09	52%	60%	57%	Statistics & Probability	09	64%	64%	62%
	.				Mathematical Practices, Measurement	09	73%	71%	70%
Total	60				Total	65			

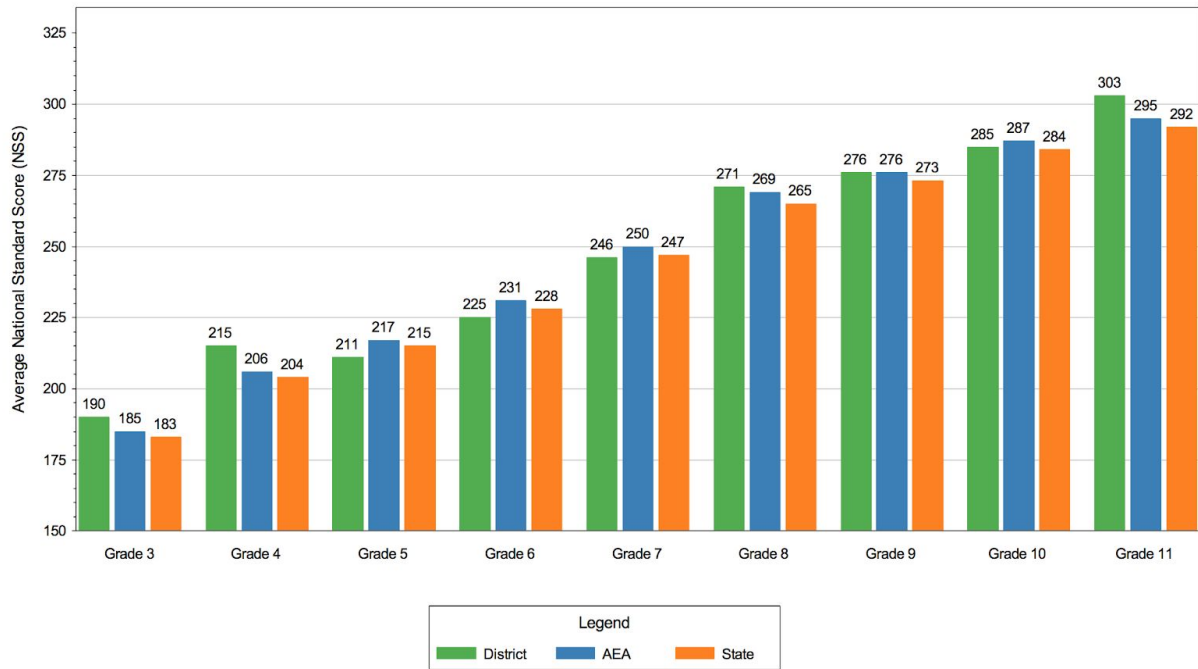
Grade 7 (n=40)					Grade 8 (n=29)				
Domain	# of	Percent Correct			Domain	# of	Percent Correct		
	Points	District	AEA	Iowa		Points	District	AEA	Iowa
Ratios & Proportional Relationships	09	61%	66%	64%	The Number System	16	59%	63%	61%
The Number System	17	59%	66%	64%	Expressions & Equations	20	64%	66%	63%
Expressions & Equations	10	57%	68%	64%	Functions	02	55%	52%	50%
Geometry	15	50%	55%	54%	Geometry	17	49%	53%	52%
Statistics & Probability	10	54%	53%	51%	Statistics & Probability	12	69%	65%	63%
Mathematical Practices, Measurement	09	73%	71%	71%	Mathematical Practices, Measurement	08	56%	57%	55%
Total	70				Total	75			

Domain Performance in Mathematics on the Iowa Core: Grades 9-11
Colo-NESCO Community Schools: 2016-2017

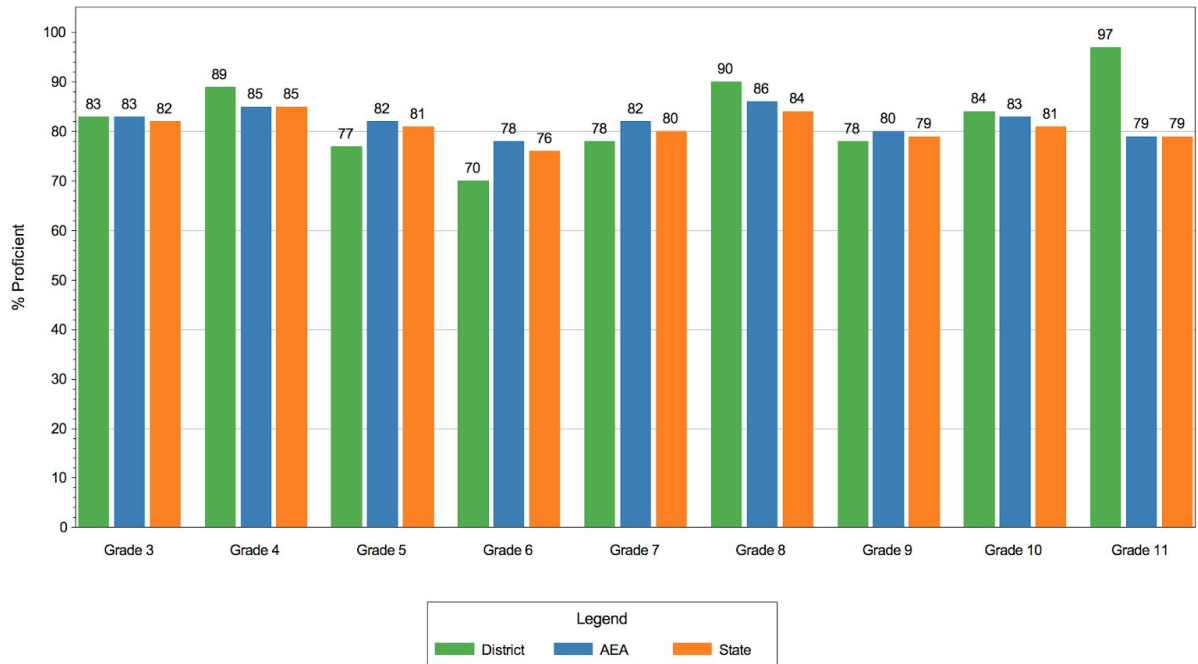
Iowa Core: Mathematics									
Grade 9 (n=41)					Grade 10 (n=32)				
Domain	# of	Percent Correct			Domain	# of	Percent Correct		
	Points	District	AEA	Iowa		Points	District	AEA	Iowa
Number & Quantity	17	48%	51%	50%	Number & Quantity	14	51%	54%	52%
Algebra	07	46%	51%	49%	Algebra	09	49%	56%	54%
Functions	02	61%	59%	57%	Functions	02	56%	55%	52%
Geometry	08	50%	51%	50%	Geometry	08	51%	54%	52%
Statistics & Probability	06	59%	55%	54%	Statistics & Probability	07	55%	58%	56%
Total	40				Total	40			

Grade 11 (n=33)				
Domain	# of	Percent Correct		
	Points	District	AEA	Iowa
Number & Quantity	12	53%	53%	52%
Algebra	10	47%	57%	55%
Functions	02	29%	43%	42%
Geometry	08	41%	50%	48%
Statistics & Probability	08	57%	61%	60%
Total	40			

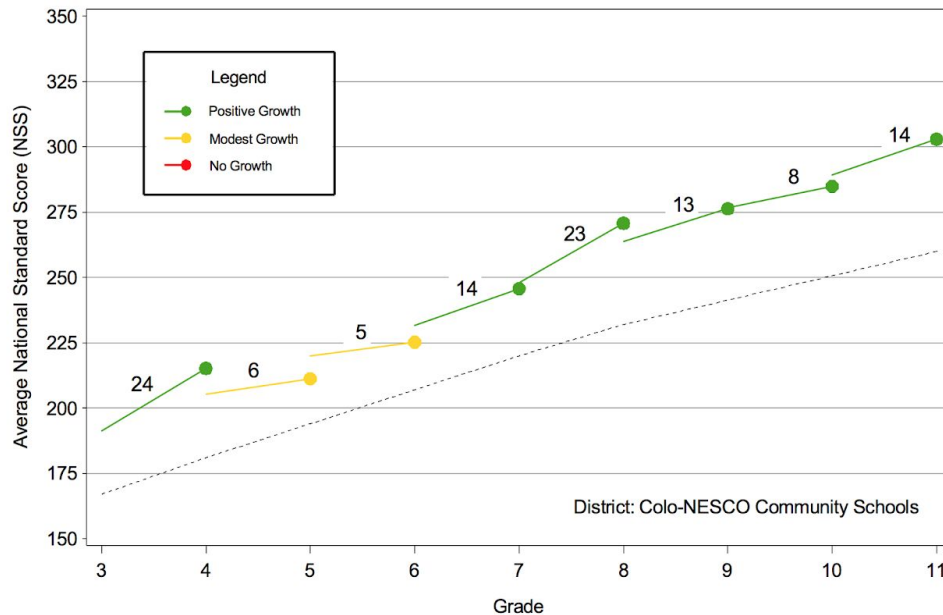
**Science Snapshot: Average NSS by Grade
Colo-NESCO Community Schools: 2016-2017**



**Science: Percent Proficient by Grade
Colo-NESCO Community Schools: 2016-2017**



Cohort Growth in Science for the 2015-2016 to 2016-2017 School Years



The above graph depicts the growth of students in your district. Each line segment represents a different cohort. The dots indicate this year's average NSS for each grade. The line attached and the number above it show the amount of growth a particular cohort made over the past year. The dashed line indicates the level of achievement required for proficiency. Note that growth was not calculated using matched students.

IA Assessment - Growth Report

Understanding how student achievement changes and grows over time is extremely important for improving educational outcomes. This report summarizes achievement growth on the Iowa Assessments for grades in your district with 10 or more students. Your district's results reflect performance during the 2016-2017 school year. State and national performances are for the previous year. A final report will be created at the end of the school year.

Gain Scores are a measure of student growth anchored on the National Standard Score (NSS) scale of the Iowa Assessments. Average Gain Scores are calculated by subtracting each student's prior-year score from their current-year score and then averaging over all students. The magnitude of a Gain Score indicates how much the group of students has changed, whereas the sign indicates if the change in achievement is positive (signifying improvement) or negative (signifying decline). Table 1 gives the average Gain Scores for Reading, Mathematics, and Science. Graphs of the data are presented in Figures 1-3.

Table 1
Average Gain Scores for Reading, Mathematics, and Science
Colo-NESCO Community Schools: 2016-2017

Grade	District Size	Reading			Mathematics			Science		
		District	State	Nation	District	State	Nation	District	State	Nation
4	31	21	22	15	21	17	15	19	21	15
5	28	7	15	14	6	14	14	3	11	14
6	26	-8	9	13	6	13	13	-2	12	13
7	37	11	13	12	10	17	12	13	19	12
8	29	14	17	11	12	12	11	16	18	11
9	37	14	17	10	8	12	10	8	9	10
10	30	15	9	8	17	13	8	5	9	8

Figure 1
Reading: Average Gain Scores by Grade
Colo-NESCO Community Schools: 2016-2017

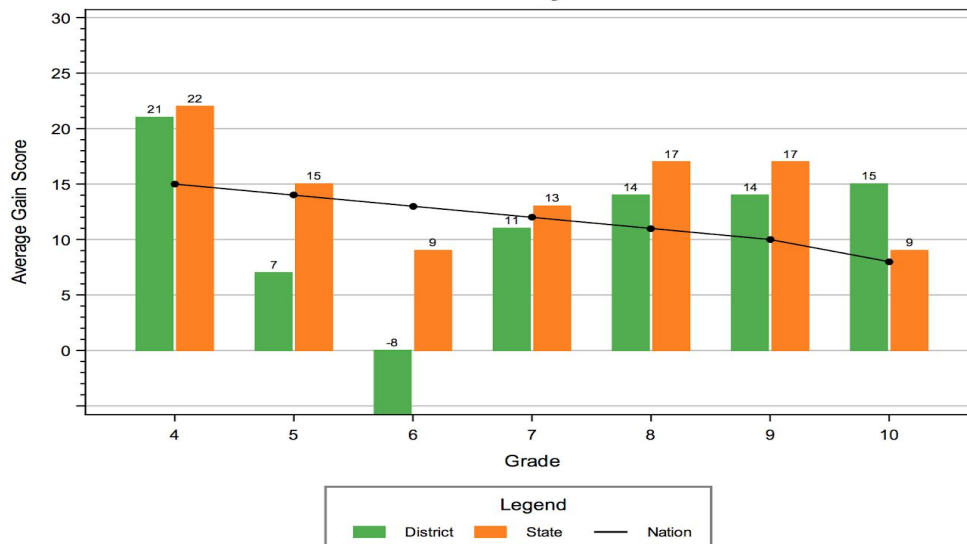


Figure 2
Mathematics: Average Gain Scores by Grade
Colo-NESCO Community Schools: 2016-2017

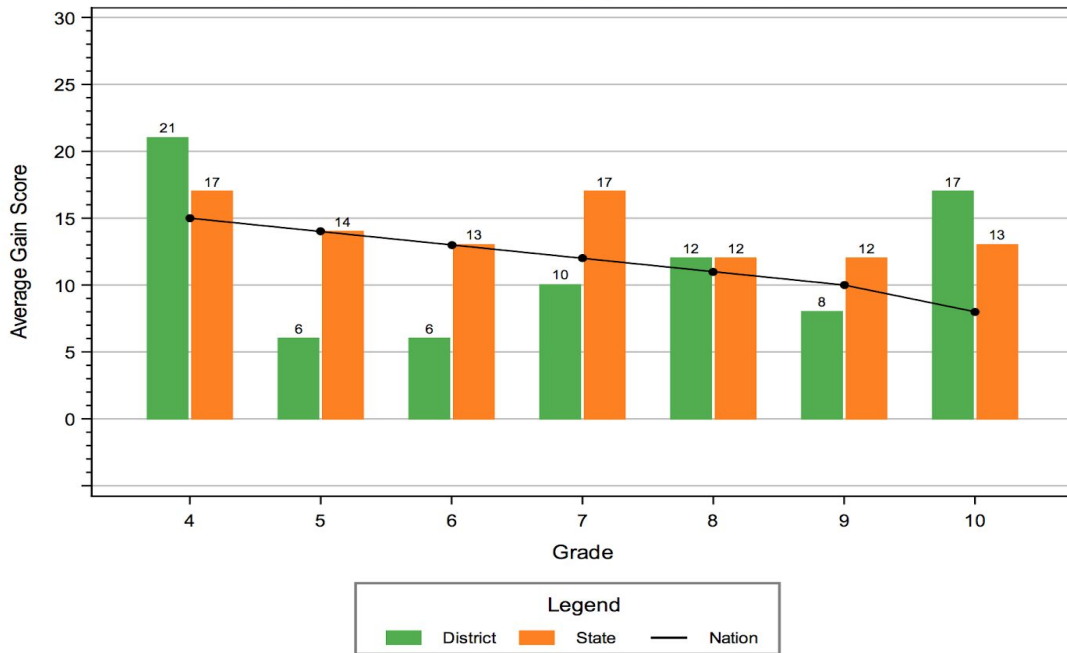
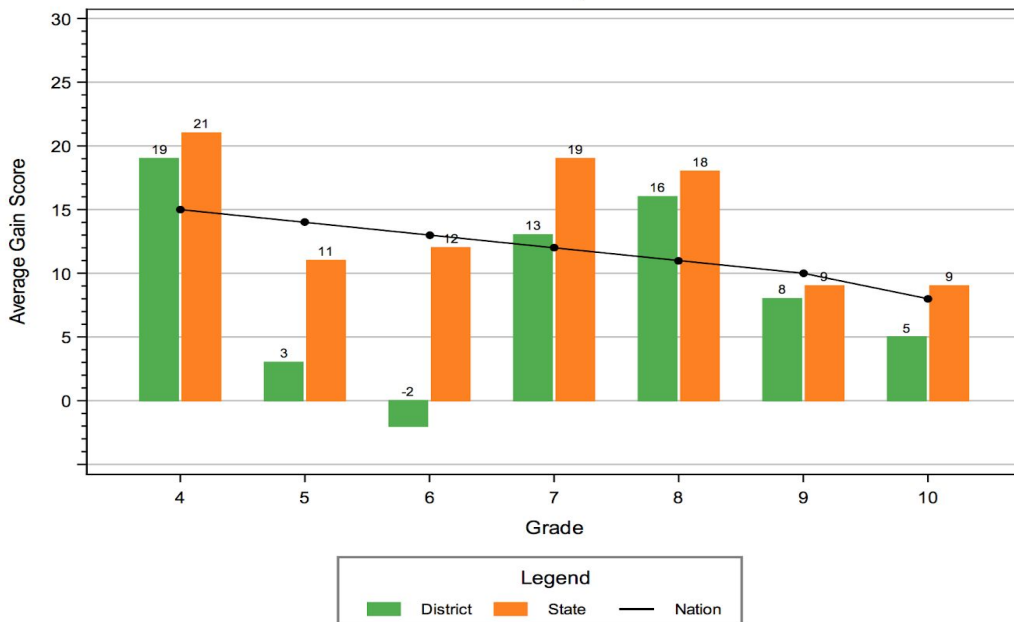


Figure 3
Science: Average Gain Scores by Grade
Colo-NESCO Community Schools: 2016-2017



IA Assessment - Percent Proficient in Reading, Math, Science, & Social Studies

Building/Grade Level Summary Percent of Students Scoring Proficient Colo-Nesco 16-17

Building	Grade	IA Reading M	IA Mathematics M	IA Science M	IA Social Studies M
Colo-Nesco Elem.	02	57%	86%	86%	76%
Colo-Nesco Elem.	03	76%	86%	83%	86%
Colo-Nesco Elem.	04	94%	89%	89%	92%

More Concern Borderline Less Concern

Below 70% 70% to 79% 80% and Above

Percent of Students Scoring Proficient

Building/Grade Level Summary Percent of Students Scoring Proficient Colo-Nesco 16-17

Building	Grade	IA Reading M	IA Mathematics M	IA Science M	IA Social Studies M
Colo-Nesco MS	05	81%	84%	77%	68%
Colo-Nesco MS	06	73%	70%	70%	73%
Colo-Nesco MS	07	68%	78%	78%	73%
Colo-Nesco MS	08	80%	83%	90%	83%

More Concern Borderline Less Concern

Below 70% 70% to 79% 80% and Above

Percent of Students Scoring Proficient

Building/Grade Level Summary

Percent of Students Scoring Proficient

Colo-Nesco 16-17

Building	Grade	NWEA Reading S	IA Reading M	NWEA Math S	IA Mathematics M	NWEA General Sci. S	IA Science M	NWEA Lang. Usage S	IA Language/Written Expression M
Colo-Nesco MS	05		81%		84%		77%		74%
Colo-Nesco MS	06		73%		70%		70%		73%
Colo-Nesco MS	07	48%	68%	68%	78%	63%	78%	63%	63%
Colo-Nesco MS	08	65%	80%	55%	83%	74%	90%	71%	77%

More Concern Borderline Less Concern
Below 70% 70% to 79% 80% and Above
 Percent of Students Scoring Proficient

Building/Grade Level Summary

Percent of Students Scoring Proficient

Colo-Nesco 16-17

Building	Grade	IA Reading M	IA Mathematics M	IA Science M	IA Social Studies M
Colo-Nesco HS	09	83%	76%	78%	88%
Colo-Nesco HS	10	88%	78%	84%	100%
Colo-Nesco HS	11	79%	94%	97%	91%

More Concern Borderline Less Concern
Below 70% 70% to 79% 80% and Above
 Percent of Students Scoring Proficient

Building/Grade Level Summary

Percent of Students Scoring Proficient

Colo-Nesco 16-17

Building	Grade	NWEA Reading S	IA Reading M	NWEA Math S	IA Mathematics M	NWEA General Sci. S	IA Science M	NWEA Lang. Usage S	IA Language/Written Expression M
Colo-Nesco HS	09	58%	83%	35%	76%	63%	78%	65%	76%
Colo-Nesco HS	10	74%	88%	29%	78%	68%	84%	74%	84%
Colo-Nesco HS	11	67%	79%	31%	94%	100%	97%	70%	79%
Colo-Nesco HS	12	-		-		-		-	

- Less than 5 total scores

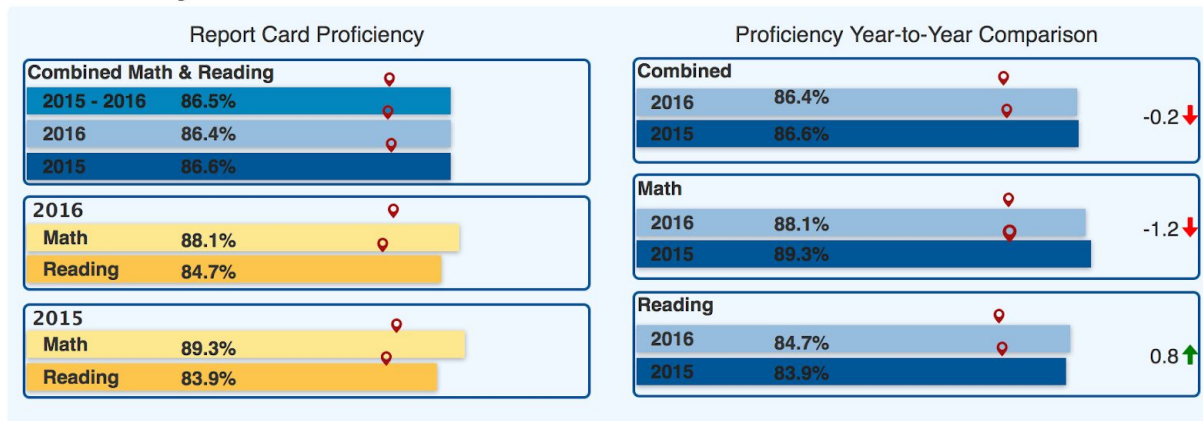
More Concern Borderline Less Concern
Below 70% 70% to 79% 80% and Above
 Percent of Students Scoring Proficient

C. Iowa School Report Card Data

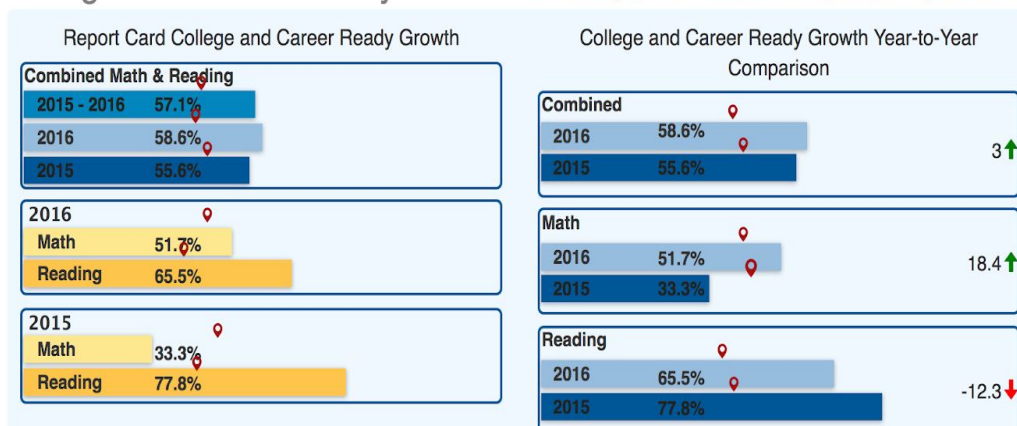
a. K- 4 - Overall Rank = High Performing 75.4 - Full Report Can be Accessed [Here](#)

- K-4 Data based on 133 students

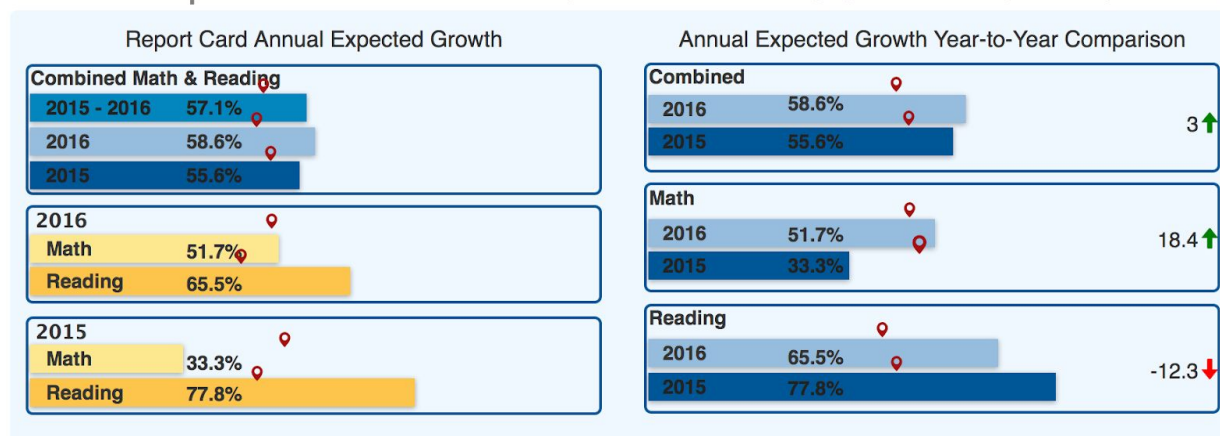
Proficiency What percent of students meet or exceed proficiency targets?



College and Career Ready Growth What is the percent of students who are growing each year toward college and career readiness?



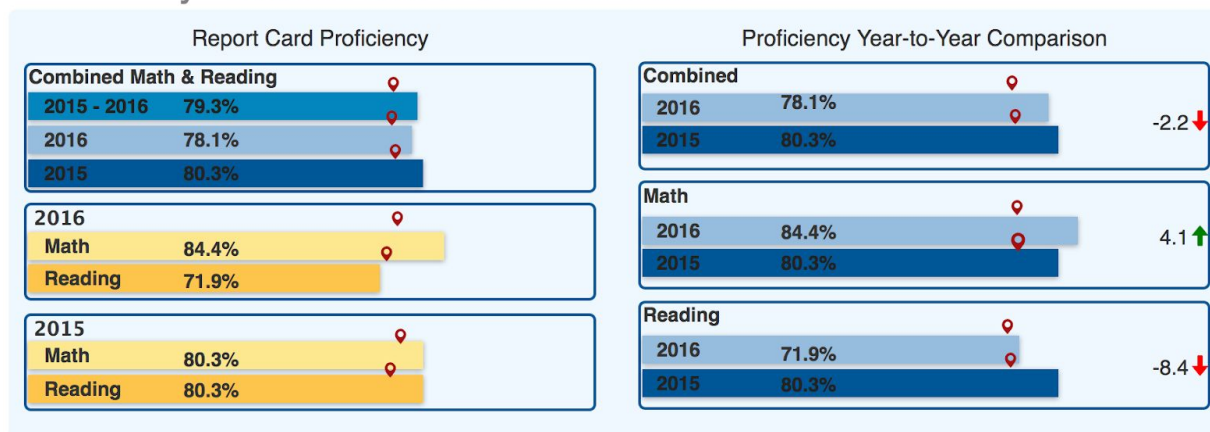
Annual Expected Growth What is the percent of students achieving a year of academic growth in a year's time?



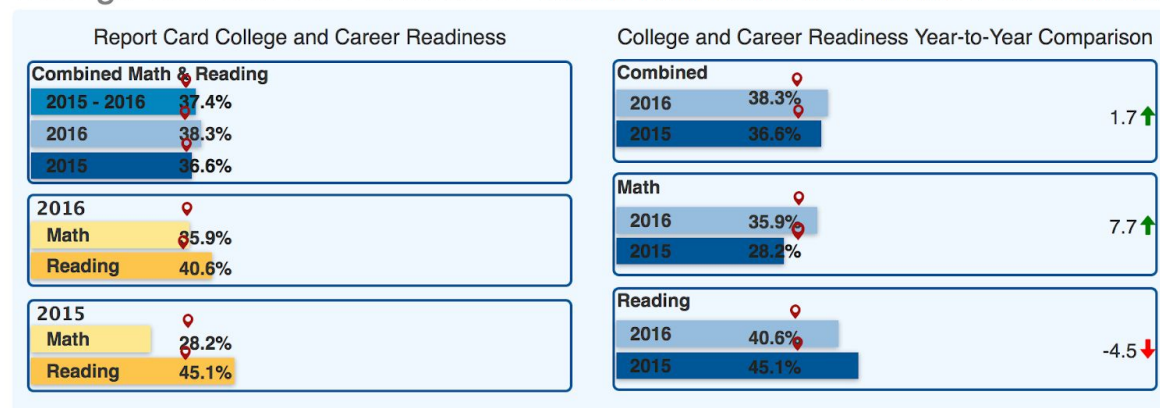
C. Intermediate Building - 5-6th Grade - Overall Rank = Needs Improvement 55.6

- Full Report Can Be Accessed [Here](#)
- 5-6th Data based on 66 students

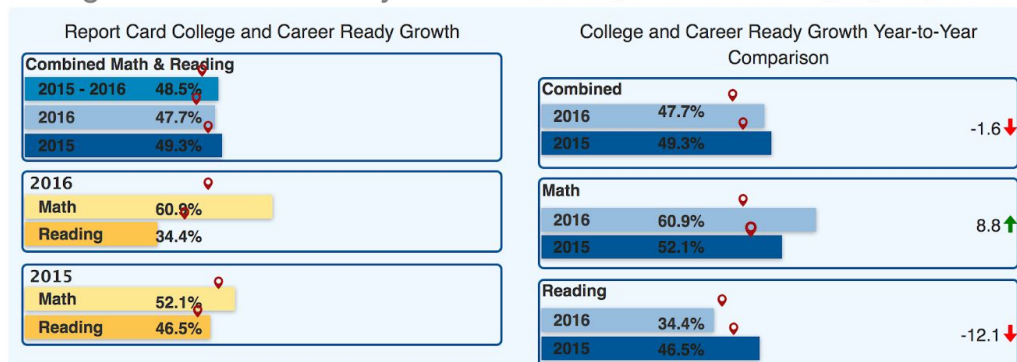
Proficiency What percent of students meet or exceed proficiency targets?



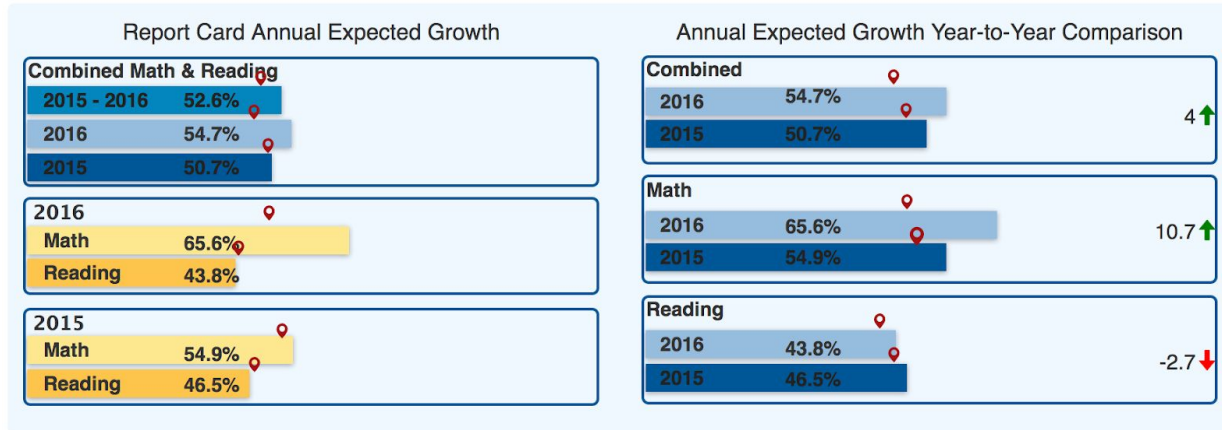
College and Career Readiness What is the percent of students that are at or above a college readiness benchmark?



College and Career Ready Growth What is the percent of students who are growing each year toward college and career readiness?



Annual Expected Growth What is the percent of students achieving a year of academic growth in a year's time?



Closing Achievement Gap (FRL, IEP and ELL)

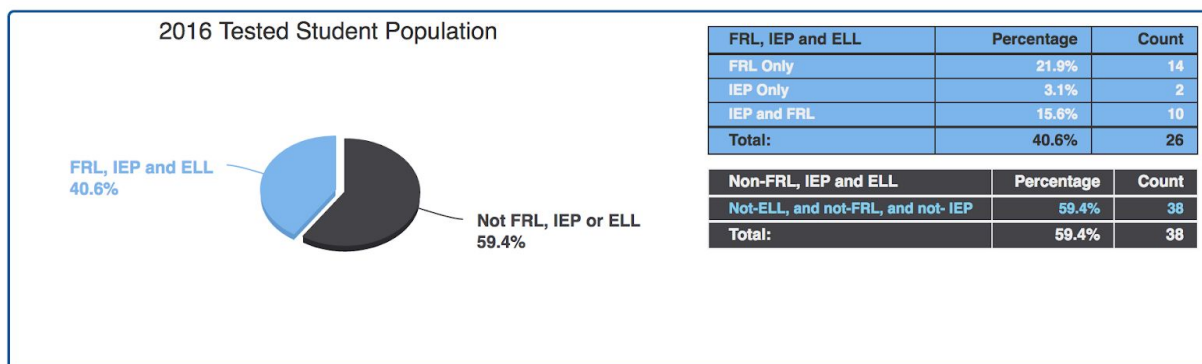
Is progress being made in closing the achievement gap between students that traditionally lag in achievement, compared to the rest of the school?

Achievement gap in education refers to the disparity in academic performance between groups of students. Iowa faces significant gaps in achievement for students who are part of these groups:

- individualized education program (IEP)
- students whose first language is not English (ELL)
- students who face economic hardship (Iowa uses free or reduced priced lunch **FRL** eligibility as a proximate measure for economic diversity)

For this measure, an aggregate group of these students who are **FRL**, **IEP** and/or **ELL** is compared to the rest of the students in this school who are not eligible for **FRL**, do not have an **IEP** and are not English language learners (**ELL**).

The combined **Math** and **Reading** proficiency is compared for the last three most recent years.

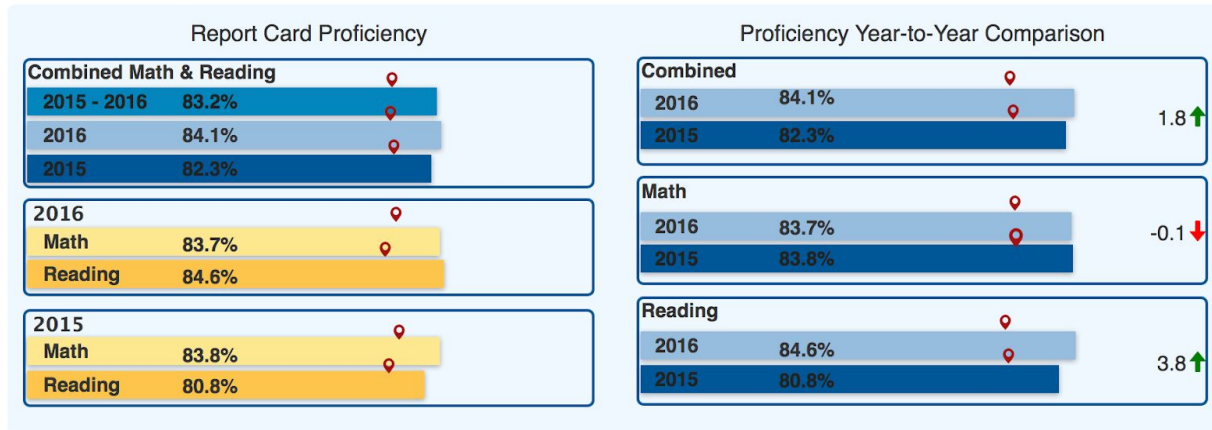


Year	Groups	Proficiency Percentage	Achievement Gap	Closing Gap	Average Closing Gap	Closing Gap Score (T-Score)
2016	FRL, IEP and ELL	<div><div></div></div> 59.6%	31.2	0.1	10.4	26.3
	Not FRL, IEP or ELL	<div><div></div></div> 90.8%				
2015	FRL, IEP and ELL	<div><div></div></div> 63.6%	31.1	20.6		
	Not FRL, IEP or ELL	<div><div></div></div> 94.7%				
2014	FRL, IEP and ELL	<div><div></div></div> 77%	10.5			
	Not FRL, IEP or ELL	<div><div></div></div> 87.5%				

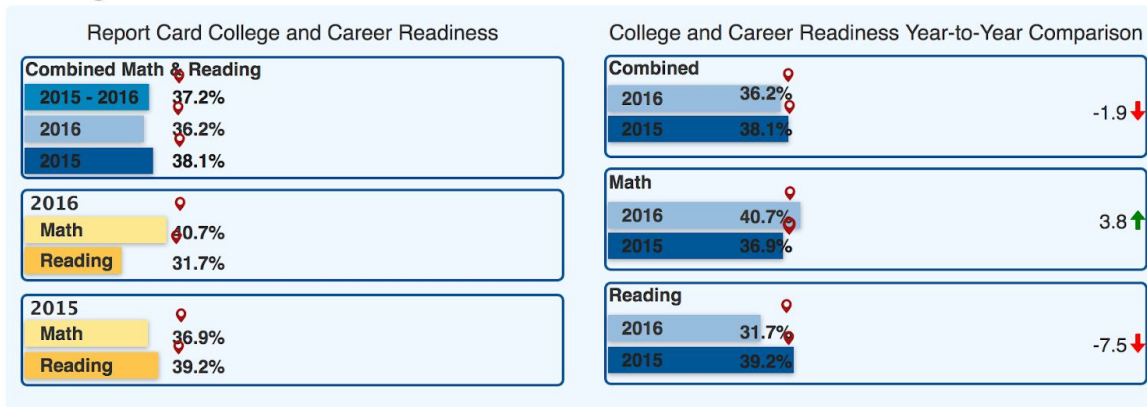
D. MS/HS Building - 7-12th Grade - Overall Rank = Acceptable 65.3

- Full Report Can Be Accessed [Here](#)
- 7-12 Report Based on 209 Students

Proficiency What percent of students meet or exceed proficiency targets?

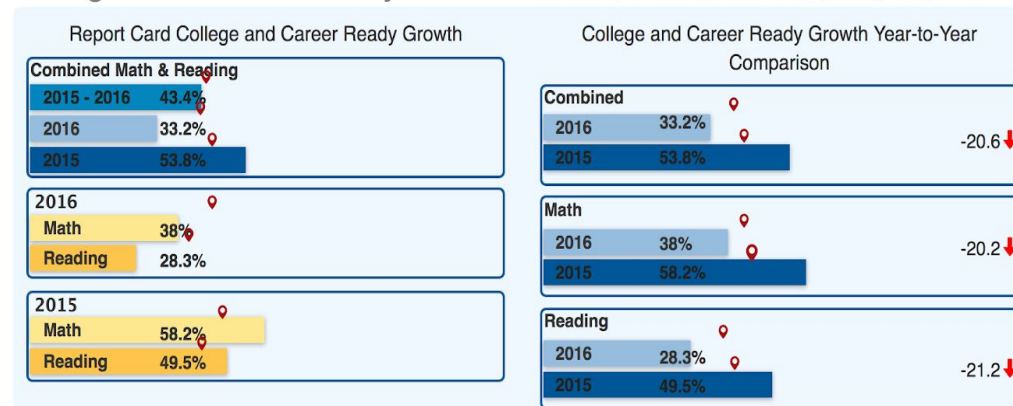


College and Career Readiness What is the percent of students that are at or above a college readiness benchmark?



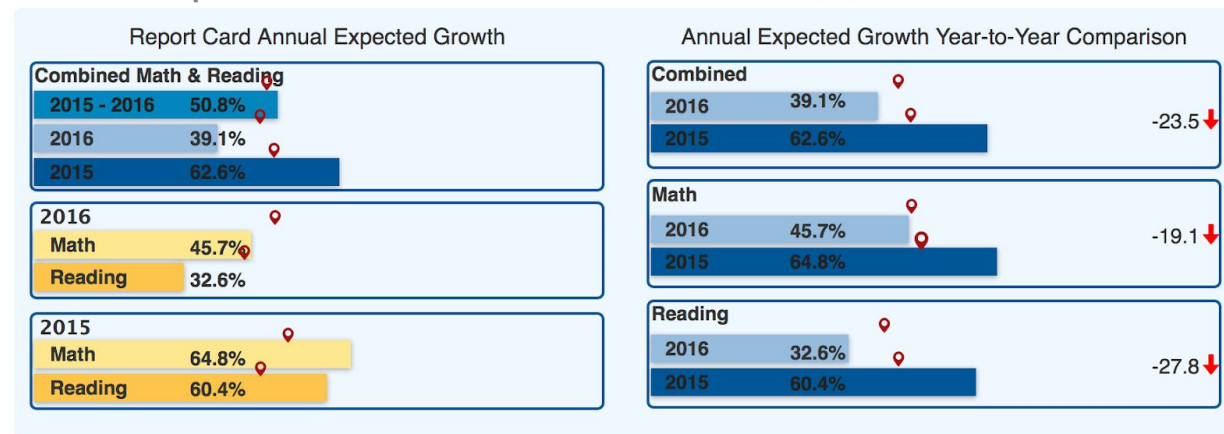
College and Career Ready Growth

What is the percent of students who are growing each year toward college and career readiness?



Annual Expected Growth

What is the percent of students achieving a year of academic growth in a year's time?



Closing Achievement Gap (FRL, IEP and ELL)

Is progress being made in closing the achievement gap between students that traditionally lag in achievement, compared to the rest of the school?

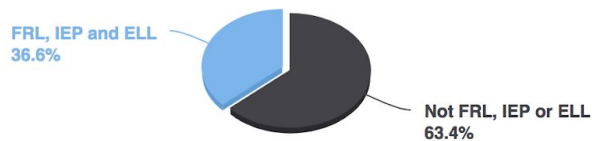
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The combined **Math** and **Reading** proficiency is compared for the last three most recent years.

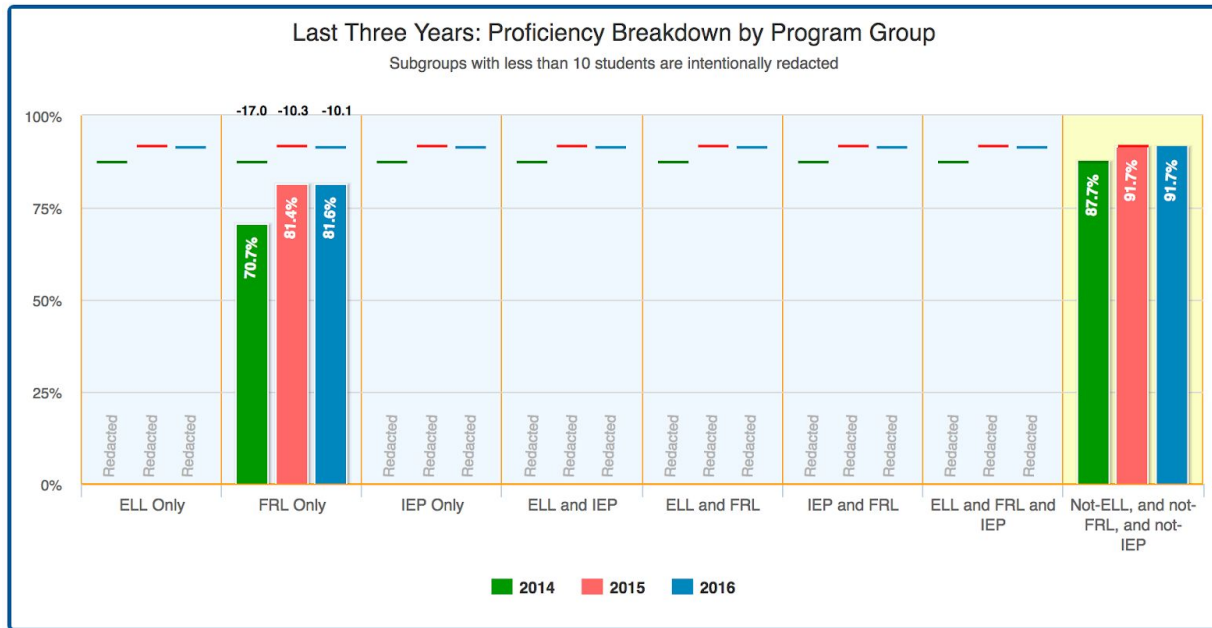
2016 Tested Student Population



FRL, IEP and ELL	Percentage	Count
FRL Only	30.9%	38
IEP Only	2.4%	3
IEP and FRL	3.3%	4
Total:	36.6%	45

Non-FRL, IEP and ELL	Percentage	Count
Not-ELL, and not-FRL, and not- IEP	63.4%	78
Total:	63.4%	78

Year	Groups	Proficiency Percentage	Achievement Gap	Closing Gap	Average Closing Gap	Closing Gap Score (T-Score)
2016	FRL, IEP and ELL	71.1%	20.6	-2.8		
	Not FRL, IEP or ELL	91.7%				
2015	FRL, IEP and ELL	68.3%	23.4	-2.9	-2.9	58.4
	Not FRL, IEP or ELL	91.7%				
2014	FRL, IEP and ELL	61.4%	26.3			
	Not FRL, IEP or ELL	87.7%				



ACT - 5-Year Trends - Average ACT Scores

*Only includes scores for graduating seniors who took the ACT exam

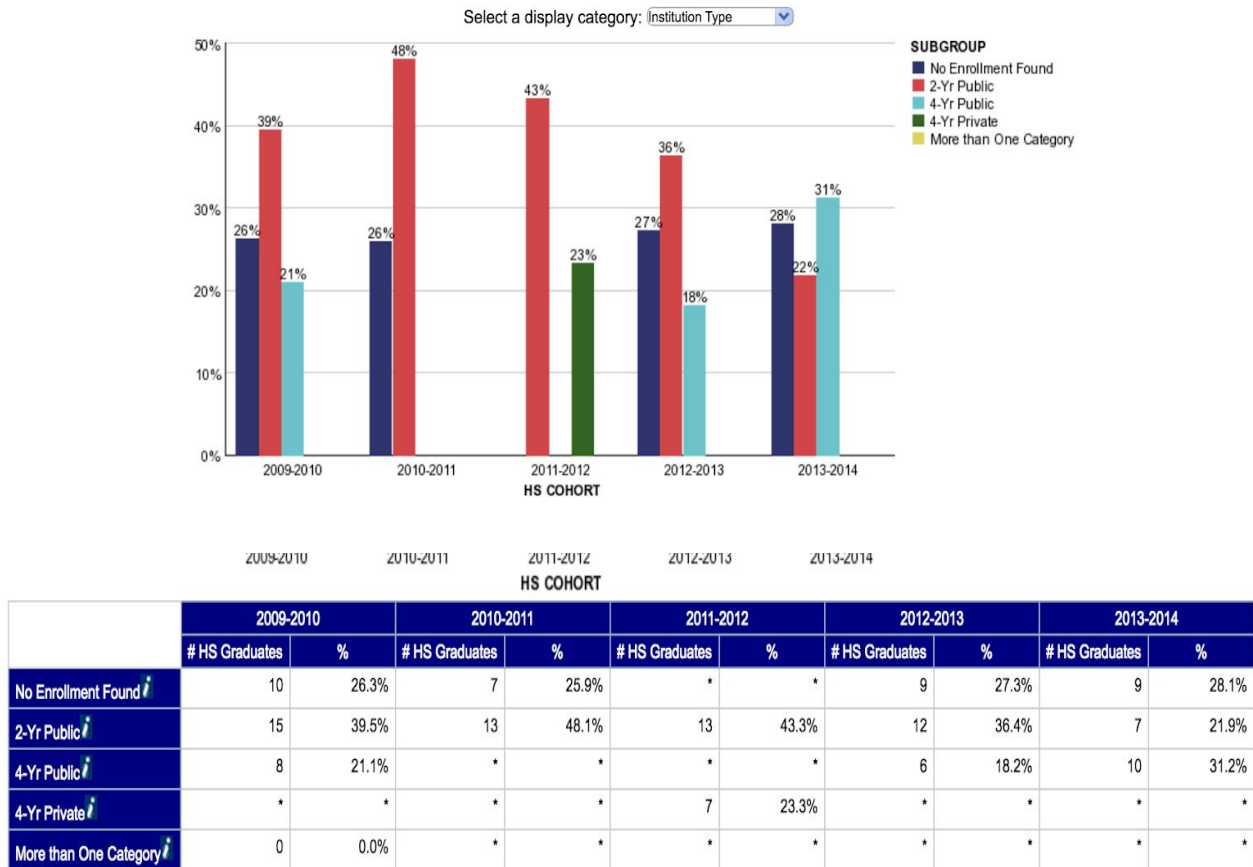
Total Tested		English		Math		Reading		Science		Composite	
Grad year	School	School	State	School	State	School	State	School	State	School	State
2012	20	22.4	21.6	20.8	21.7	23.8	22.5	23.2	22.2	22.7	22.1
2013	18	21.7	21.5	20.4	21.6	22.9	22.5	22.1	22.2	21.9	22.1
2014	20	20.5	21.5	19.1	21.4	23.2	22.5	22.0	22.2	21.4	22.0
2015	23	20.5	21.6	19.6	21.5	22.1	22.7	21.9	22.3	21.2	22.2
2016	21	19.4	21.4	18.3	21.4	20.9	22.7	20.3	22.3	20.0	22.1
2017											

Post-Secondary Enrollment Information:

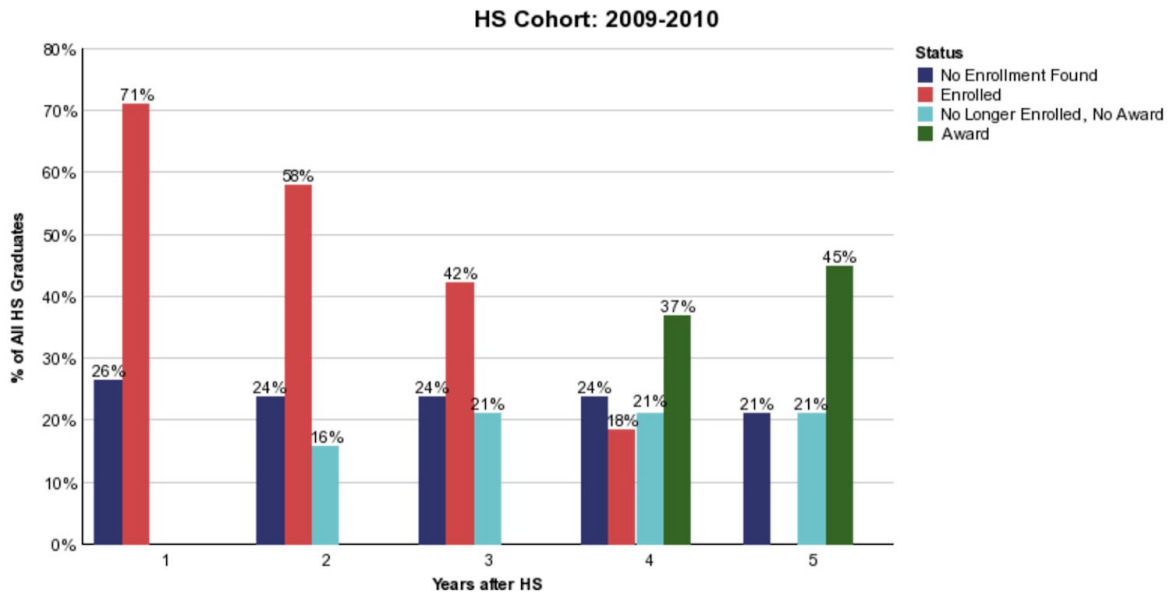
Colo-NESCO Jr./Sr. High School (1359-0172)

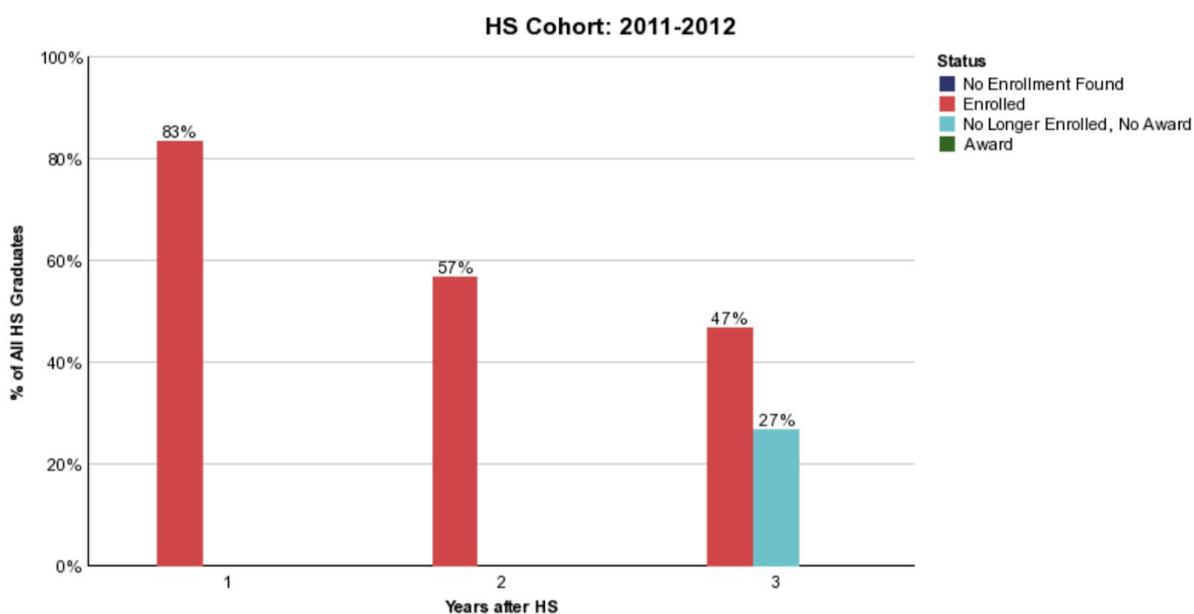
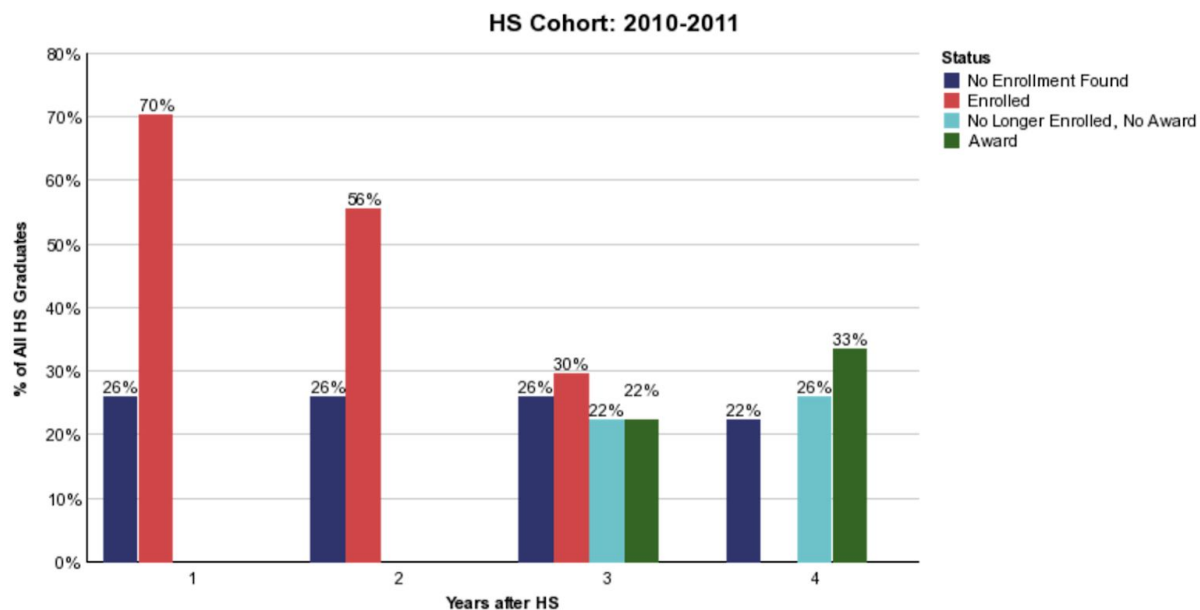
[Report Definition](#)

This report provides information on public high school graduates who enrolled in a postsecondary institution within one year of graduation.

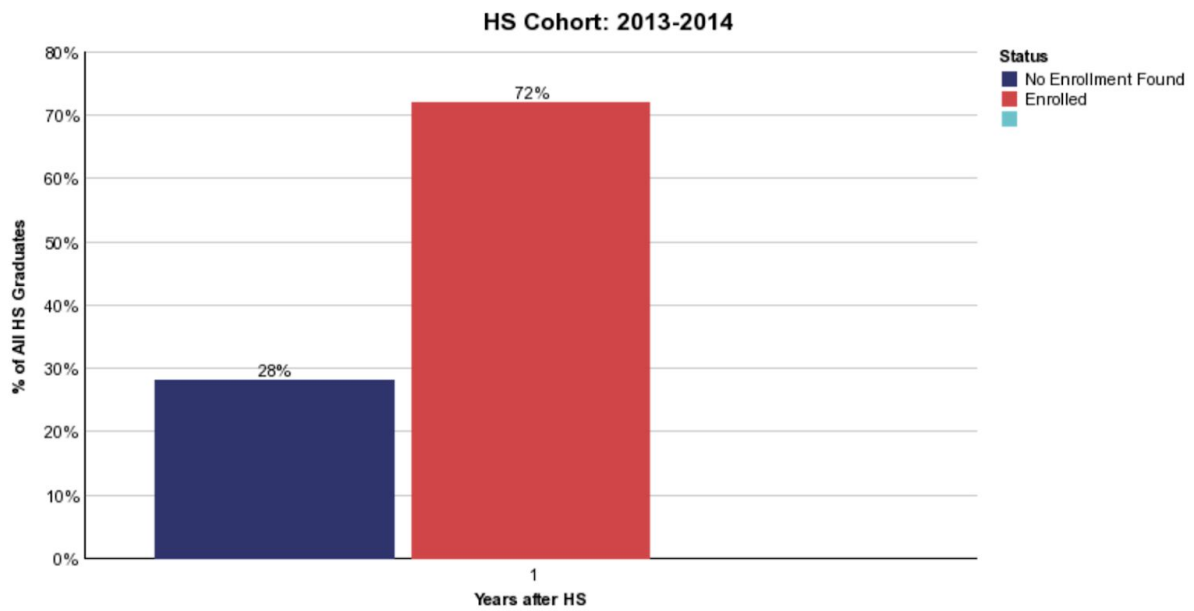
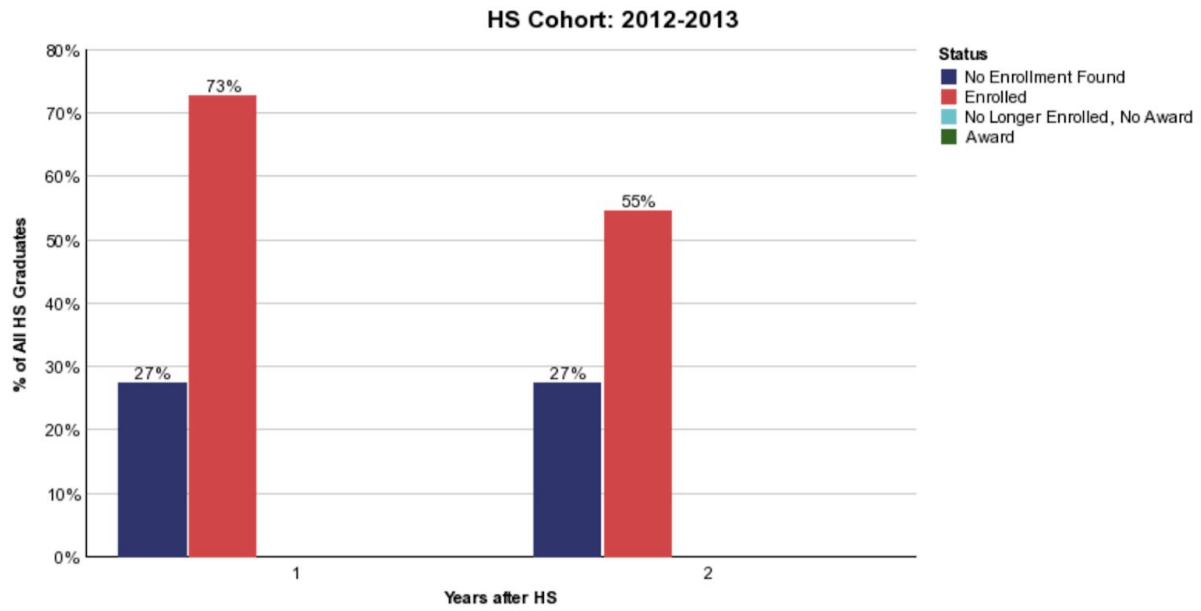


Post-secondary Degree Completion Data:





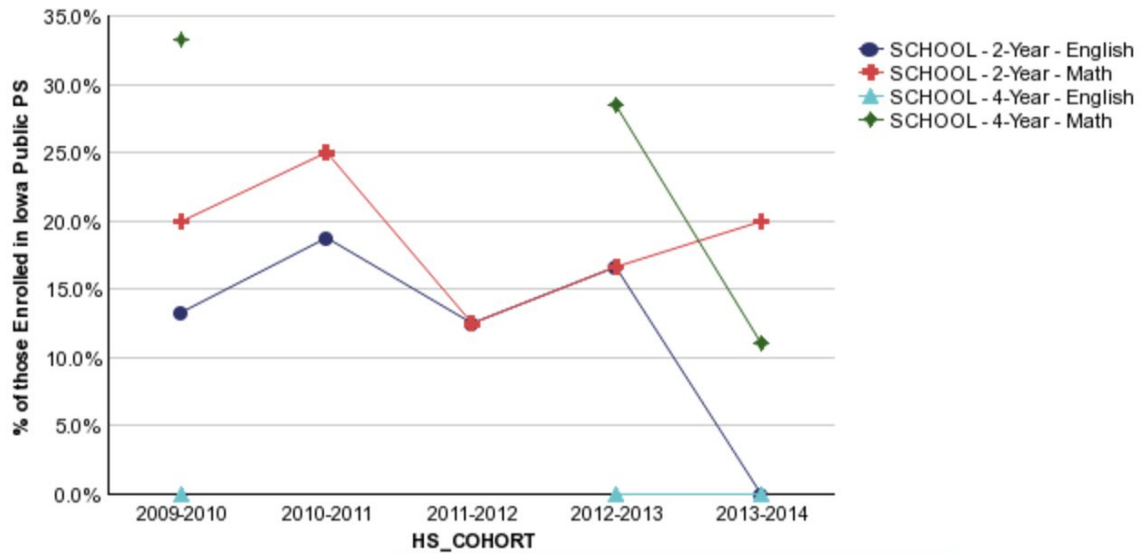
The Royal Way



The Royal Way

Post-Secondary Remedial Course Enrollment Data:

% Of Those Enrolled in Iowa Public PS Taking At Least One Remedial/Developmental Course



			2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
SCHOOL	2-Year	English	13.3%	18.8%	12.5%	16.7%	0.0%
		Math	20.0%	25.0%	12.5%	16.7%	20.0%
	4-Year	English	0.0%	*	*	0.0%	0.0%
		Math	33.3%	*	*	28.6%	11.1%