

**Colo-NESCO Student Achievement  
Data Report 2017-2018**



**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***

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**Acronyms Used:**

FAST - Formative Assessment System for Teachers

aReading - Adaptive Reading

CBMReading - Curriculum Based Measure of Oral Reading

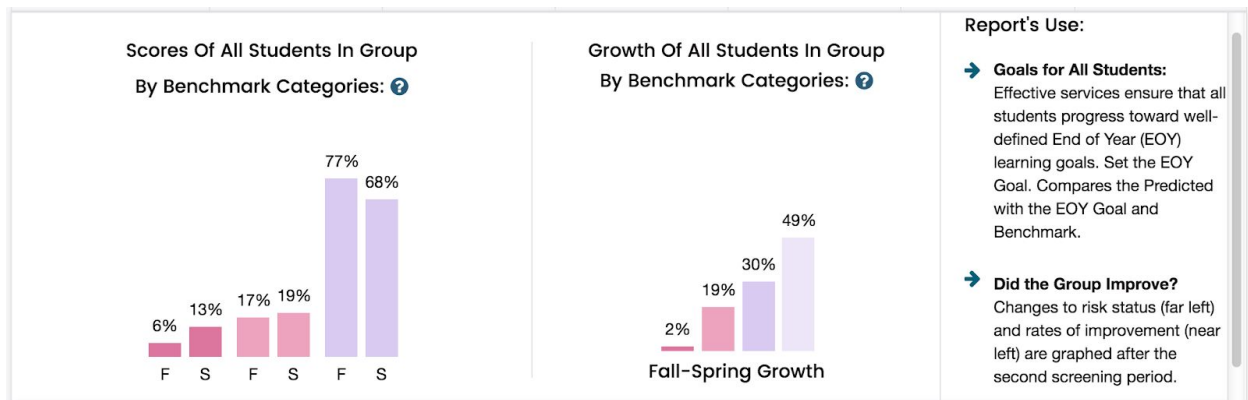
***The Royal Way***

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

1. By the year 2018, 80% of students in grades Pk-6th will be at or above benchmark on the FAST assessments.
  - a. Data related to this goal:
    - i. Kdg-1st Grade -Early Reading Assessment - **65% at Benchmark**
    - ii. 1st Grade -aReading Assessment - **54% at Benchmark**
    - iii. 1st-4th Grade - CBMReading Assessment - **69% at Benchmark**
    - iv. 5-6th Grade - CBMReading Assessment - **78% at Benchmark**
2. In the spring of 2017, 72% of students in Pk-4 were at or above benchmark on the FAST Assessments. By the spring of 2018 we will increase that percentage to 80%.
  - a. Data related to this goal:
    - i. Kdg-1st Grade -Early Reading Assessment - **65% at Benchmark**
    - ii. 1st Grade -aReading Assessment - **54% at Benchmark**
    - iii. 1st-4th Grade - CBMReading Assessment - **69% at Benchmark**

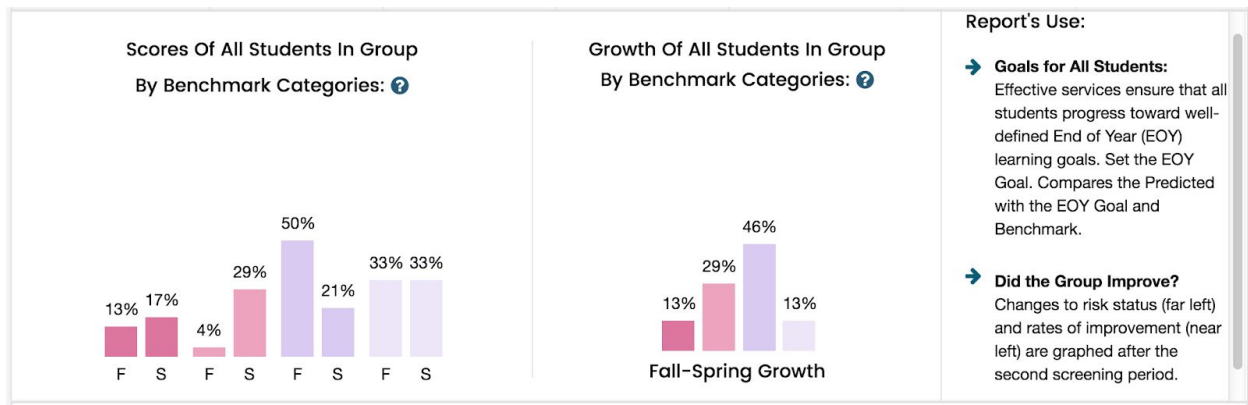
### III. Elementary Achievement Data

#### A. FAST Early Reading - K-1st Grade - Growth Summary Report



Grade Level	Median Student <span>Less Data</span>		Weekly Observed Median Growth		Weekly Goal Median Growth		End of Year		
	Fall Score	Spring Score	Score	%ile	Score	%ile	Predicted Score	Goal Score	Benchmark Score
KG	39	66	1.05	55	-0.54	-	67.5	65.0	65.0
ONE	39	77	1.13	97	-8.62	-	78.0	68.0	68.0
<b>Average</b>	38.75	71.50	1.09	-	-4.58	-	72.94	66.50	66.50
<b>Median</b>	38.75	71.50	1.09	-	-4.58	-	72.94	66.50	66.50
<b>Standard Deviation</b>	0.35	7.78	0.06	-	5.71	-	7.20	2.12	2.12
<b>Min</b>	38.50	66.00	1.05	-	-8.62	-	67.85	65.00	65.00
<b>Max</b>	39.00	77.00	1.13	-	-0.54	-	78.03	68.00	68.00
<b>Student Score:</b> high risk              some risk              low risk              College Pathway					<b>Student Growth %ile:</b> flat growth              modest growth              typical growth              aggressive growth				

## B. FAST a/Reading -1st -Grade - Growth Summary Report



Grade Level	Median Student <span>Less Data</span>		Monthly Observed Median Growth		Monthly Goal Median Growth		End of Year		
	Fall Score	Spring Score	Score	%ile	Score	%ile	Predicted Score	Goal Score	Benchmark Score
KG	-	-	-	-	-	-	-	-	-
ONE	<div> <div>13</div> <div>4</div> <div>50</div> <div>33(%)</div> </div>	<div> <div>17</div> <div>29</div> <div>21</div> <div>33(%)</div> </div>	4.24	48	8.56	-	472	482	471.0
<b>Average</b>	441.01	471.05	4.24	-	8.56	-	472.61	482.00	471.00
<b>Median</b>	441.01	471.05	4.24	-	8.56	-	472.61	482.00	471.00
<b>Standard Deviation</b>	0.00	0.00	0.00	-	0.00	-	0.00	0.00	0.00
<b>Min</b>	441.01	471.05	4.24	-	8.56	-	472.61	482.00	471.00
<b>Max</b>	441.01	471.05	4.24	-	8.56	-	472.61	482.00	471.00

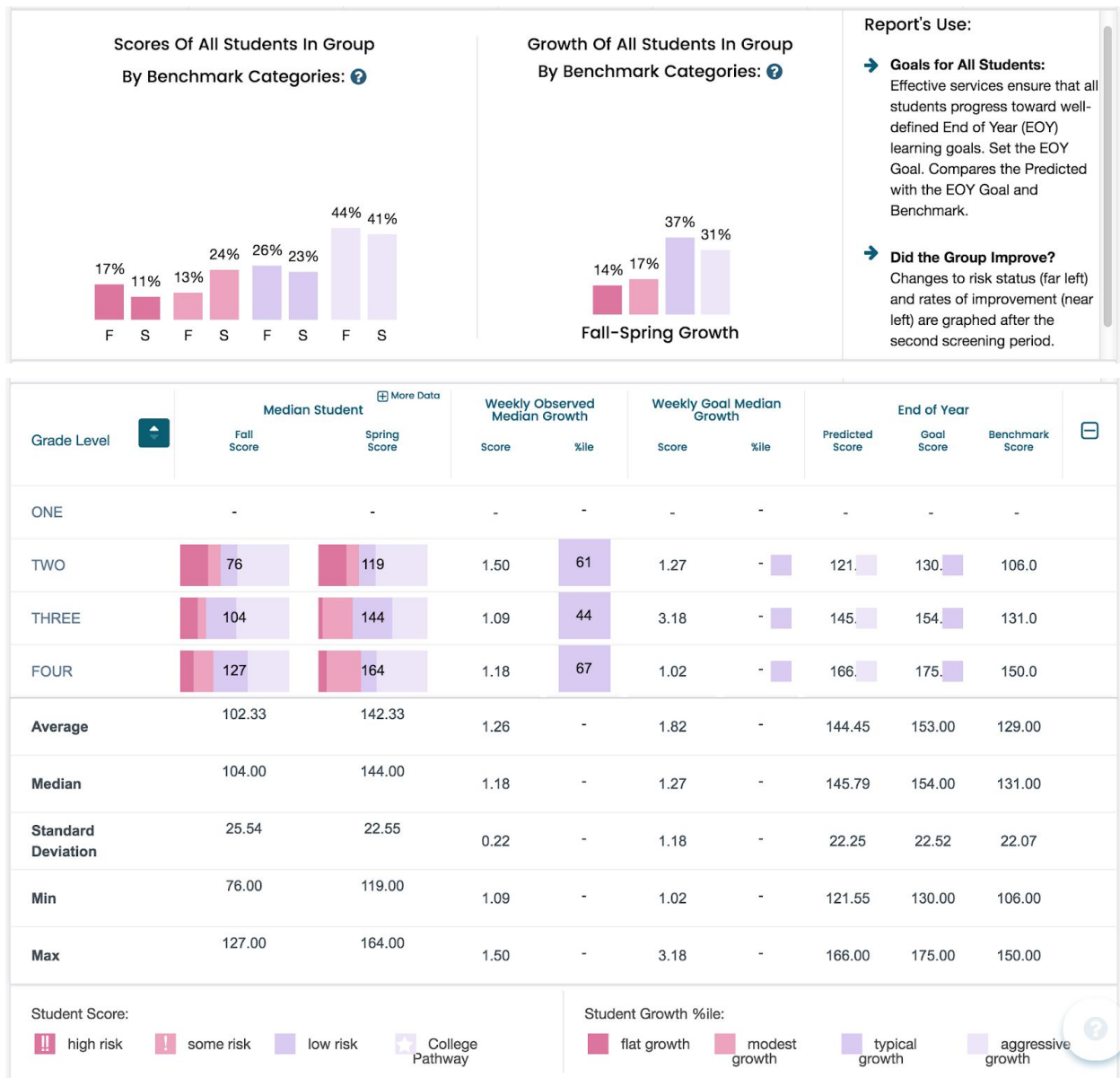
Student Score:

!! high risk   ! some risk   low risk   College Pathway

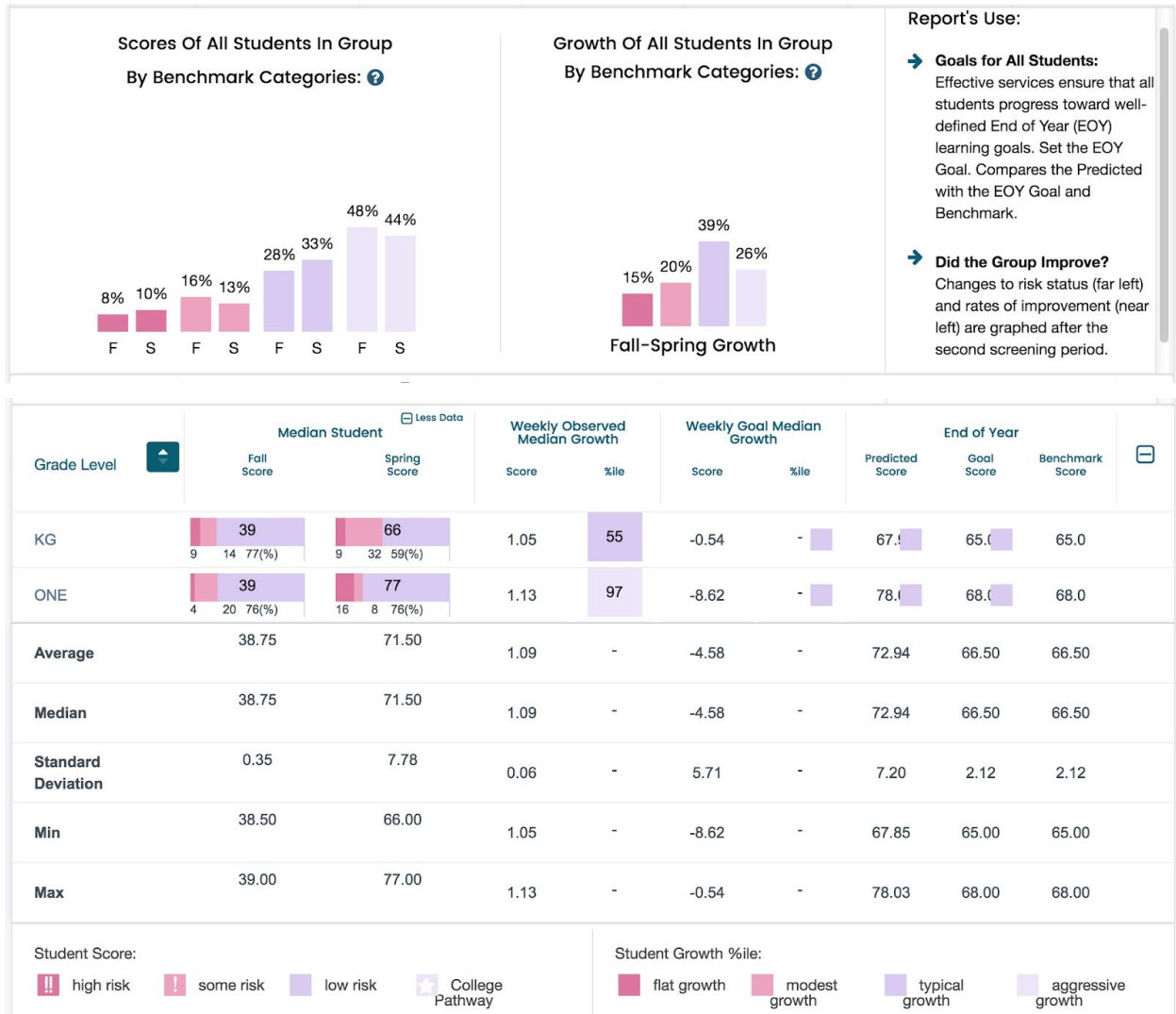
Student Growth %ile:

flat growth   modest growth   typical growth   aggressive growth

## C. FAST CBMR - 2nd-4th Grade - Growth Summary Report



## D. FAST CBMR 5th-6th Grade - Growth Report



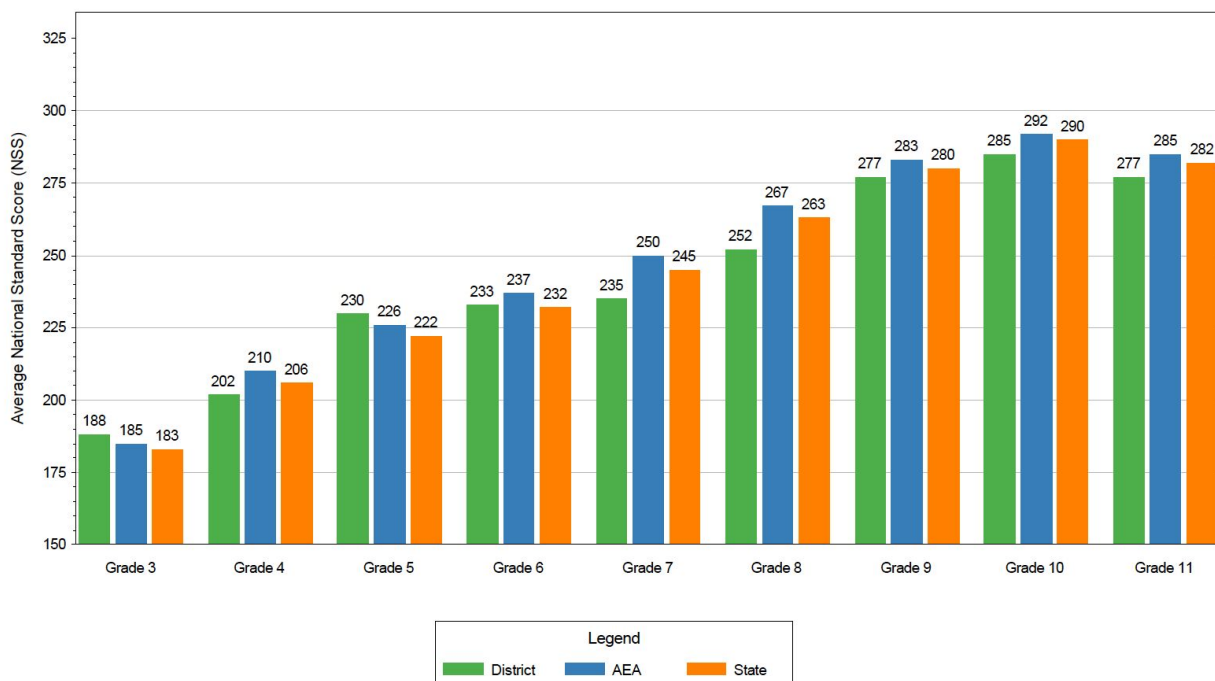
## Iowa Assessment - Core Report

*“This report summarizes student achievement information on the Iowa Assessments for grades in your district. To provide this report in a timely manner, only your district's results reflect performance during the 2017-2018 school year. AEA and state performances are for the previous year. As districts test throughout the year, time-of-year adjustments were made to allow for comparisons with the AEA and state averages.” - Iowa Core Report Document 2017-2018*

### D. IA Assessment - Reading, Math, and Science Data

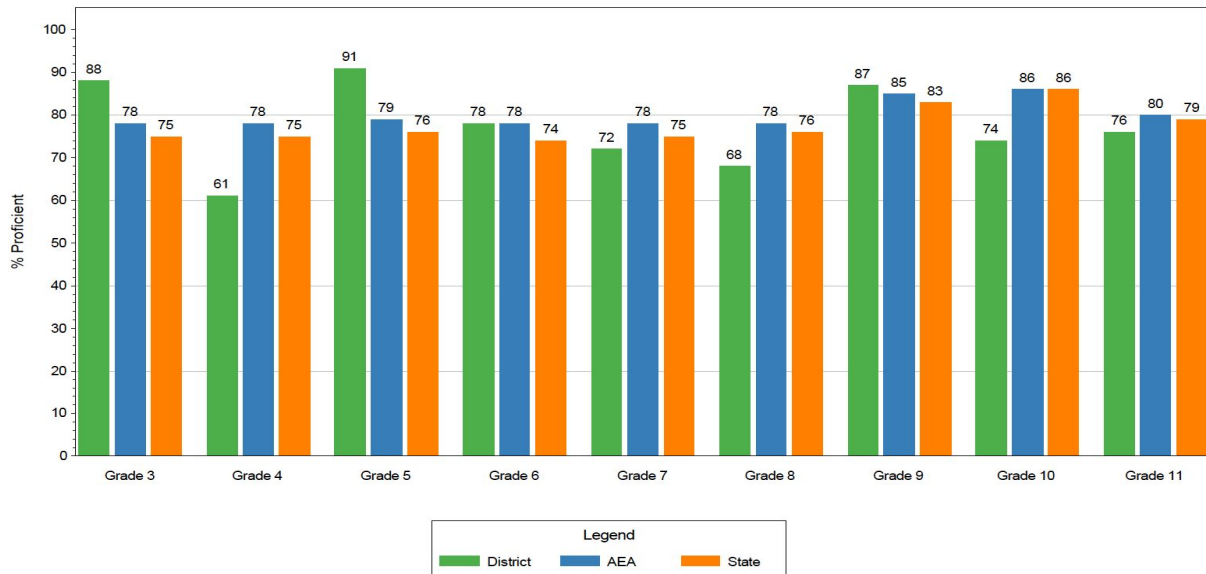
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Figure 1  
Reading Snapshot: Average NSS by Grade  
Colo-NESCO Community Schools: 2017-2018

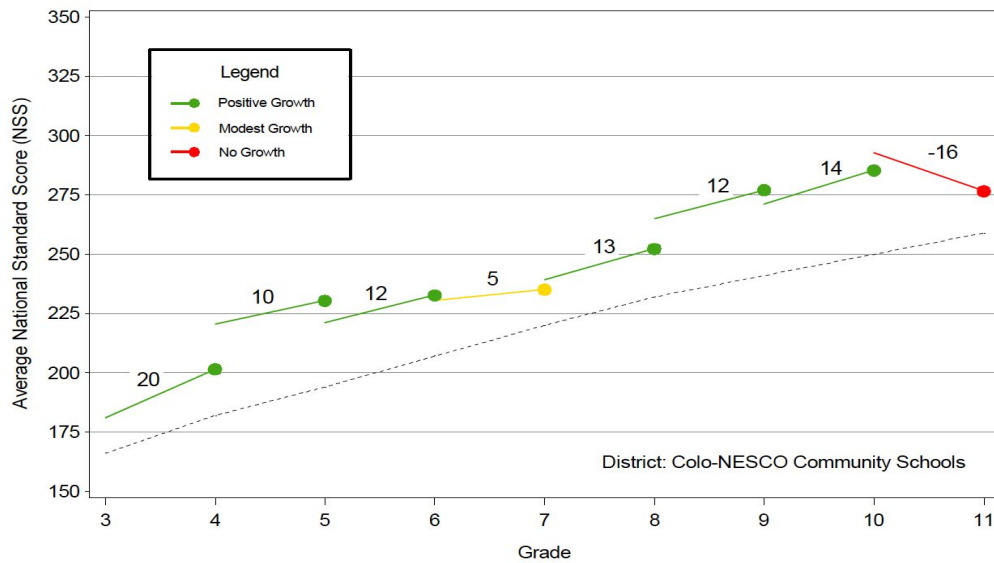




**Figure 2**  
**Reading: Percent Proficient by Grade**  
**Colo-NESCO Community Schools: 2017-2018**



**Figure 7**  
**Cohort Growth in Reading**  
**for the 2016-2017 to 2017-2018 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.



**Table 1**  
**Domain Performance in Reading on the Iowa Core: Grades 3-8**  
**Colo-NESCO Community Schools: 2017-2018**

<b>Iowa Core: Reading</b>									
<b>Grade 3 (n=26)</b>					<b>Grade 4 (n=28)</b>				
<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>			<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>		
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Key Ideas & Details	28	70%	70%	68%	Key Ideas & Details	26	64%	71%	69%
Craft & Structure	11	69%	63%	61%	Craft & Structure	12	59%	69%	66%
Integration of Knowledge & Ideas	02	60%	72%	70%	Integration of Knowledge & Ideas	04	60%	66%	64%
Total	41				Total	42			

<b>Grade 5 (n=32)</b>					<b>Grade 6 (n=32)</b>				
<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>			<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>		
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Key Ideas & Details	24	74%	70%	68%	Key Ideas & Details	25	69%	71%	69%
Craft & Structure	15	72%	71%	69%	Craft & Structure	16	70%	72%	69%
Integration of Knowledge & Ideas	04	76%	67%	66%	Integration of Knowledge & Ideas	03	56%	60%	56%
Total	43				Total	44			

<b>Grade 7 (n=29)</b>					<b>Grade 8 (n=41)</b>				
<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>			<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>		
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Key Ideas & Details	27	58%	69%	67%	Key Ideas & Details	27	64%	71%	70%
Craft & Structure	14	66%	69%	67%	Craft & Structure	15	64%	70%	68%
Integration of Knowledge & Ideas	04	54%	62%	59%	Integration of Knowledge & Ideas	04	59%	74%	72%
Total	45				Total	46			

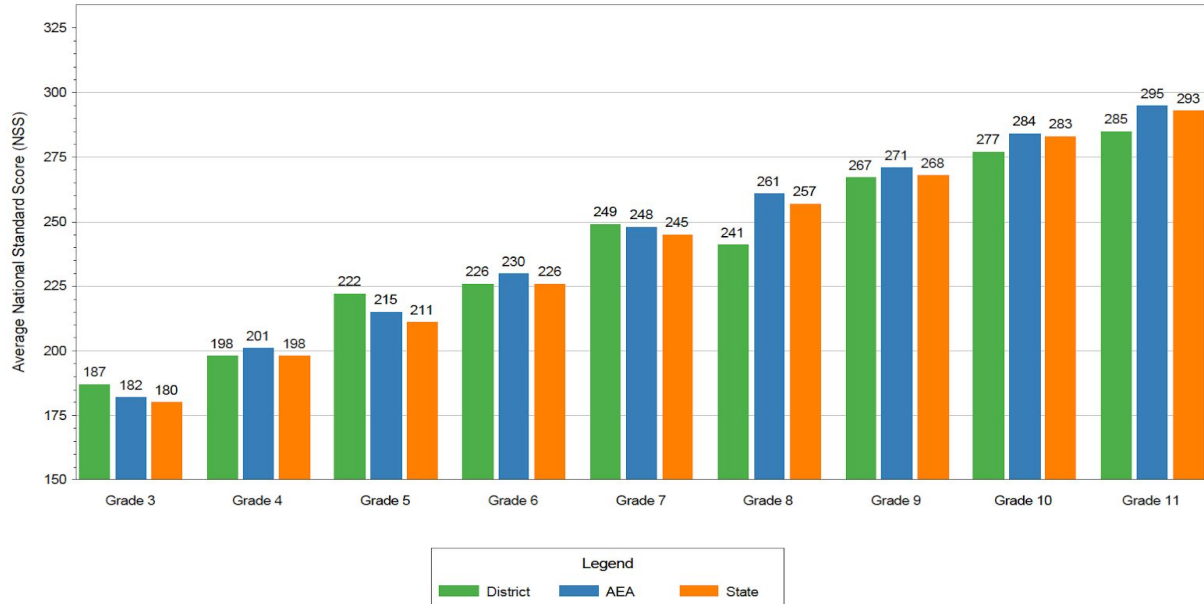
**Table 2**  
**Domain Performance in Reading on the Iowa Core: Grades 9-11**  
**Colo-NESCO Community Schools: 2017-2018**

<b>Iowa Core: Reading</b>									
<b>Grade 9 (n=31)</b>					<b>Grade 10 (n=38)</b>				
<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>			<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>		
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Key Ideas & Details	21	65%	69%	67%	Key Ideas & Details	23	60%	65%	64%
Craft & Structure	16	66%	68%	66%	Craft & Structure	13	67%	72%	70%
Integration of Knowledge & Ideas	03	61%	66%	64%	Integration of Knowledge & Ideas	04	59%	71%	70%
Total	40				Total	40			

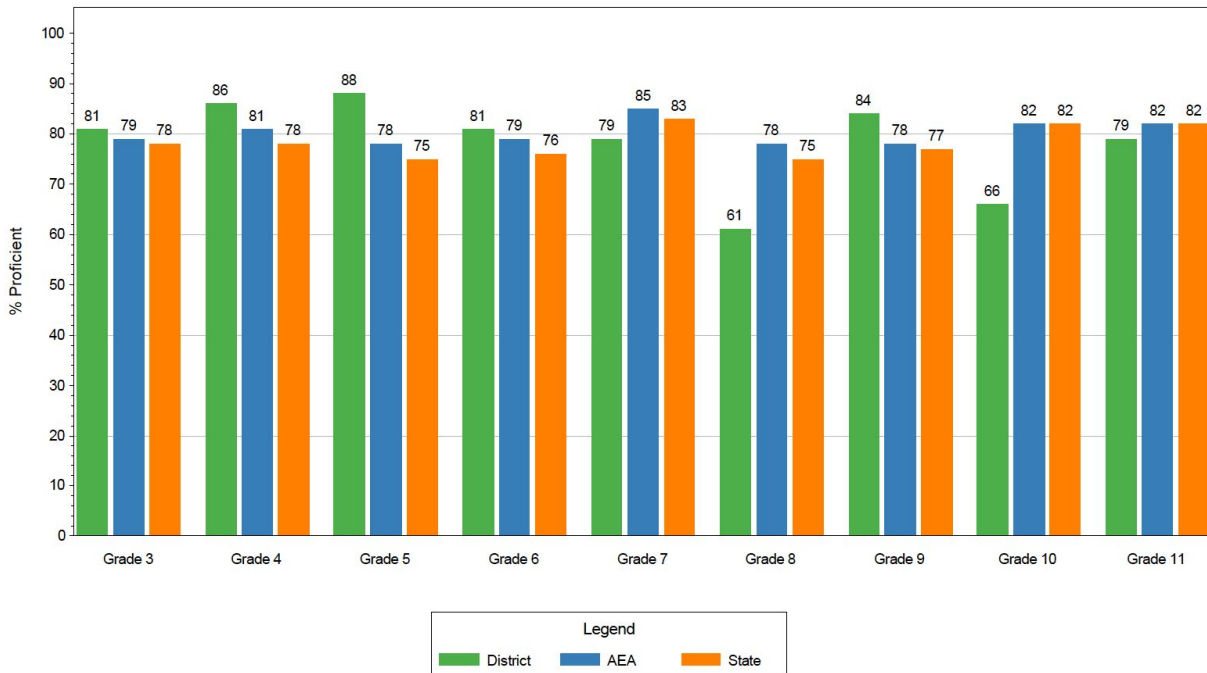
  

<b>Grade 11 (n=33)</b>				
<i>Domain</i>	# of <i>Points</i>	<i>Percent Correct</i>		
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Key Ideas & Details	24	60%	64%	62%
Craft & Structure	12	62%	69%	68%
Integration of Knowledge & Ideas	04	52%	60%	58%
Total	40			

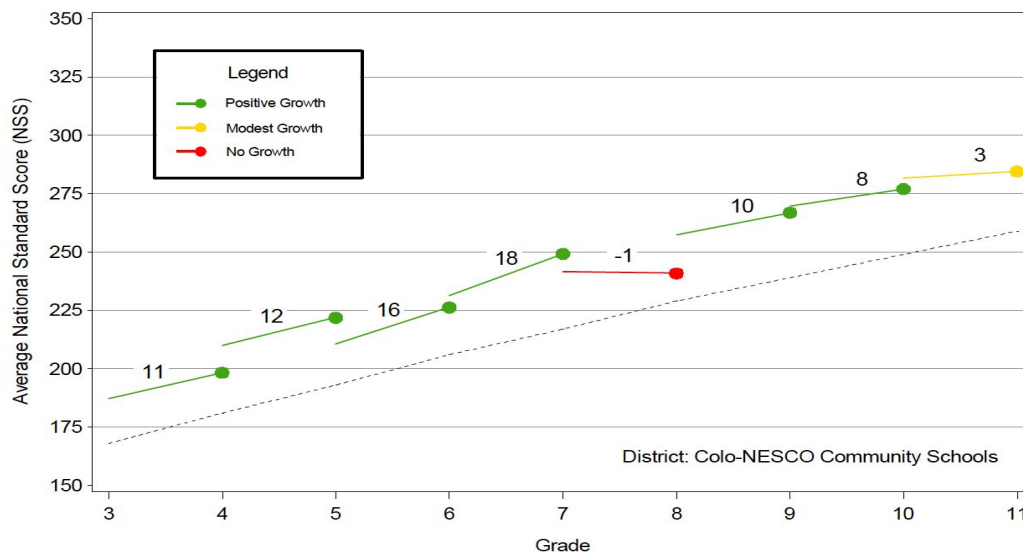
**Figure 3**  
**Mathematics Snapshot: Average NSS by Grade**  
**Colo-NESCO Community Schools: 2017-2018**



**Figure 4**  
**Mathematics: Percent Proficient by Grade**  
**Colo-NESCO Community Schools: 2017-2018**



**Figure 8**  
**Cohort Growth in Mathematics**  
**for the 2016-2017 to 2017-2018 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.



**Table 3**  
**Domain Performance in Mathematics on the Iowa Core: Grades 3-8**  
**Colo-NESCO Community Schools: 2017-2018**

<b>Iowa Core: Mathematics</b>									
<b>Grade 3 (n=26)</b>					<b>Grade 4 (n=28)</b>				
Domain	# of Points	Percent Correct			Domain	# of Points	Percent Correct		
		District	AEA	Iowa			District	AEA	Iowa
Operations & Algebraic Thinking	14	70%	69%	67%	Operations & Algebraic Thinking	17	66%	72%	69%
Number & Operations in Base 10	06	62%	64%	62%	Number & Operations in Base 10	08	66%	68%	65%
Number & Operations - Fractions	02	73%	75%	72%	Number & Operations - Fractions	02	70%	68%	64%
Measurement & Data	22	70%	69%	68%	Measurement & Data	22	67%	71%	69%
Geometry	06	71%	61%	60%	Geometry	06	58%	58%	55%
<b>Total</b>	<b>50</b>				<b>Total</b>	<b>55</b>			
<b>Grade 5 (n=32)</b>					<b>Grade 6 (n=32)</b>				
Domain	# of Points	Percent Correct			Domain	# of Points	Percent Correct		
		District	AEA	Iowa			District	AEA	Iowa
Operations & Algebraic Thinking	15	72%	69%	66%	Ratios & Proportional Relationships	05	43%	53%	51%
Number & Operations in Base 10	11	70%	64%	61%	The Number System	19	63%	65%	62%
Number & Operations - Fractions	02	67%	59%	56%	Expressions & Equations	09	61%	68%	65%
Measurement & Data	23	73%	70%	68%	Geometry	14	54%	61%	58%
Geometry	09	58%	59%	56%	Statistics & Probability	09	66%	63%	61%
					Mathematical Practices, Measurement	09	73%	71%	70%
<b>Total</b>	<b>60</b>				<b>Total</b>	<b>65</b>			
<b>Grade 7 (n=29)</b>					<b>Grade 8 (n=41)</b>				
Domain	# of Points	Percent Correct			Domain	# of Points	Percent Correct		
		District	AEA	Iowa			District	AEA	Iowa
Ratios & Proportional Relationships	09	67%	66%	64%	The Number System	16	55%	63%	62%
The Number System	17	63%	65%	64%	Expressions & Equations	20	52%	66%	64%
Expressions & Equations	10	65%	67%	64%	Functions	02	39%	54%	50%
Geometry	15	52%	55%	53%	Geometry	17	42%	53%	52%
Statistics & Probability	10	58%	53%	50%	Statistics & Probability	12	54%	65%	63%
Mathematical Practices, Measurement	09	74%	71%	70%	Mathematical Practices, Measurement	08	46%	58%	56%
<b>Total</b>	<b>70</b>				<b>Total</b>	<b>75</b>			

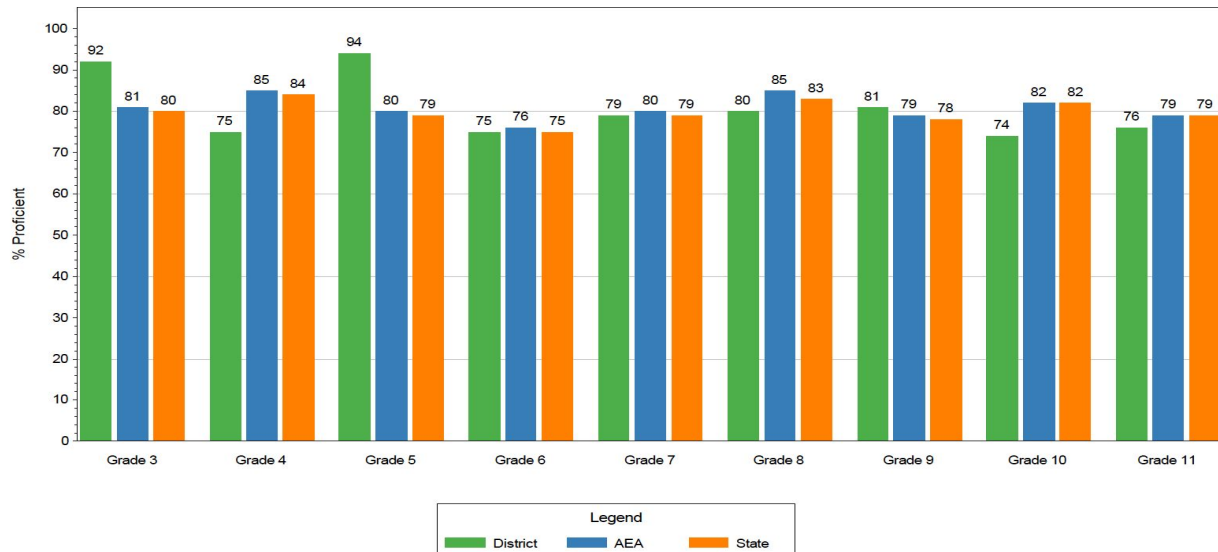
**Table 4**  
**Domain Performance in Mathematics on the Iowa Core: Grades 9-11**  
**Colo-NESCO Community Schools: 2017-2018**

<b>Iowa Core: Mathematics</b>									
<b>Grade 9 (n=31)</b>					<b>Grade 10 (n=38)</b>				
<i>Domain</i>	# of Points	<i>Percent Correct</i>			<i>Domain</i>	# of Points	<i>Percent Correct</i>		
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Number & Quantity	17	47%	51%	50%	Number & Quantity	14	48%	53%	52%
Algebra	07	40%	52%	49%	Algebra	09	49%	56%	55%
Functions	02	58%	59%	56%	Functions	02	49%	54%	52%
Geometry	08	52%	52%	50%	Geometry	08	54%	53%	52%
Statistics & Probability	06	51%	55%	53%	Statistics & Probability	07	49%	57%	56%
Total	40				Total	40			

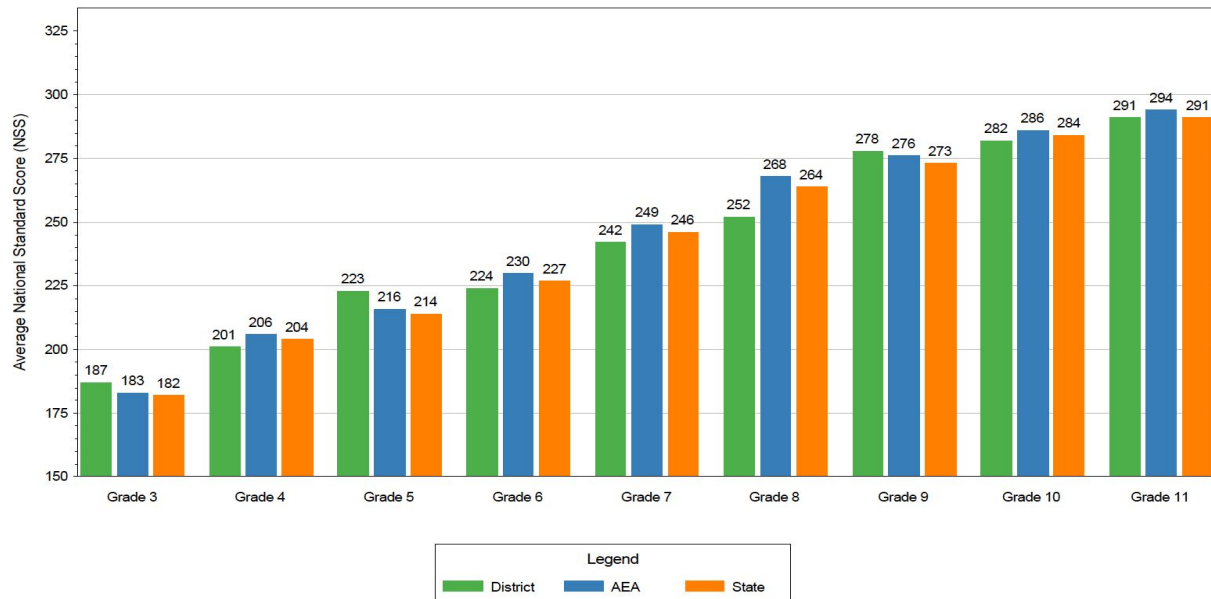
<b>Grade 11 (n=33)</b>				
<i>Domain</i>	# of Points	<i>Percent Correct</i>		
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Number & Quantity	12	49%	53%	52%
Algebra	10	48%	57%	55%
Functions	02	18%	46%	42%
Geometry	08	47%	50%	47%
Statistics & Probability	08	51%	61%	60%
Total	40			

**Figure 6**  
**Science: Percent Proficient by Grade**  
**Colo-NESCO Community Schools: 2017-2018**





**Figure 5**  
**Science Snapshot: Average NSS by Grade**  
**Colo-NESCO Community Schools: 2017-2018**



### **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.

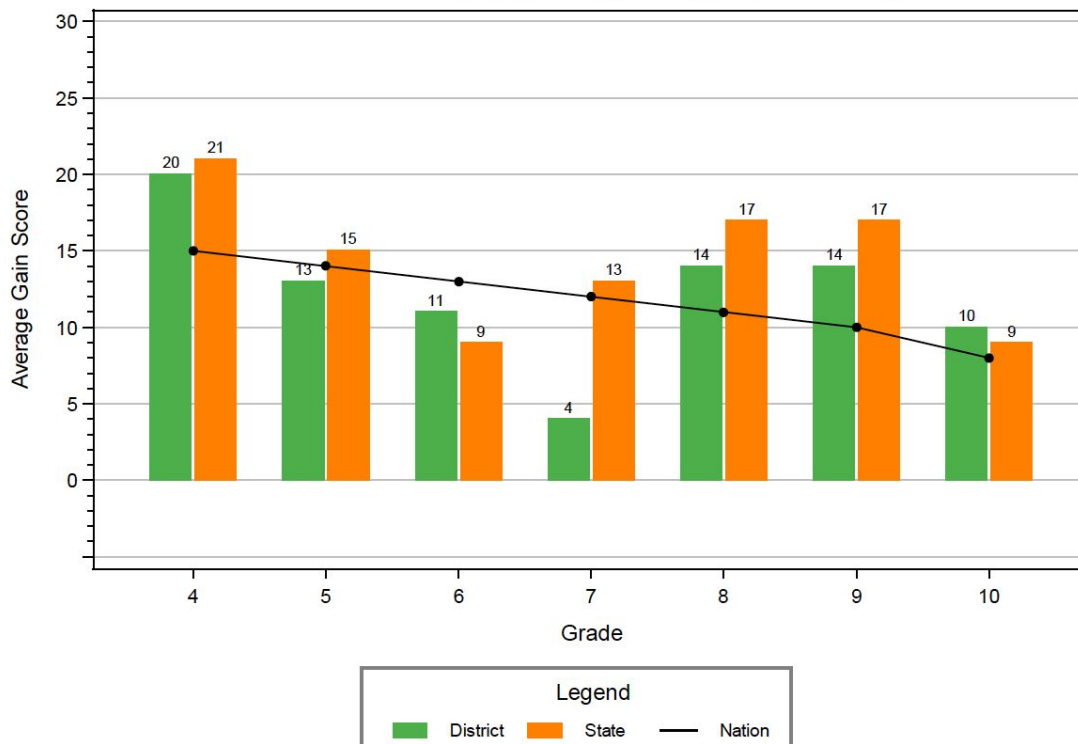
Gain Scores are a measure of student growth anchored on the National Standard Score (NSS) scale of the Iowa Assessments. Average Gain Scores are calculated by subtracting each student's prior-year score from their current-year score and then averaging over all students. The magnitude of a Gain Score 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.

## E. IA Assessment Growth Report - Reading, Math, & Science

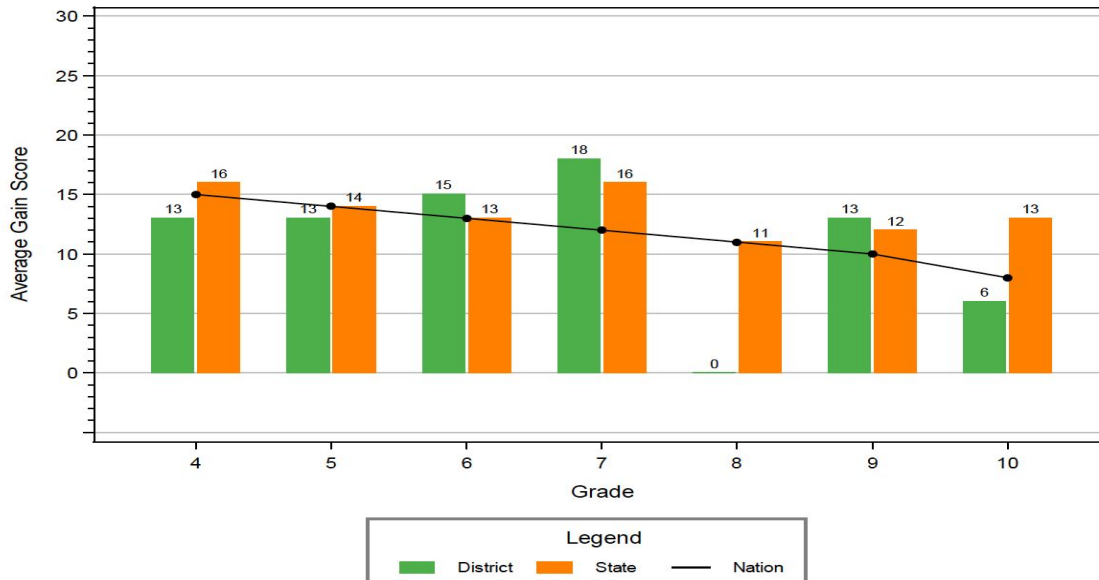
**Table 1**  
Average Gain Scores for Reading, Mathematics, and Science  
Colo-NESCO Community Schools: 2017-2018

Grade	District Size	Reading			Mathematics			Science		
		District	State	Nation	District	State	Nation	District	State	Nation
4	27	20	21	15	13	16	15	14	21	15
5	32	13	15	14	13	14	14	8	10	14
6	30	11	9	13	15	13	13	10	11	13
7	27	4	13	12	18	16	12	16	19	12
8	38	14	17	11	0	11	11	6	17	11
9	28	14	17	10	13	12	10	13	9	10
10	36	10	9	8	6	13	8	-1	9	8

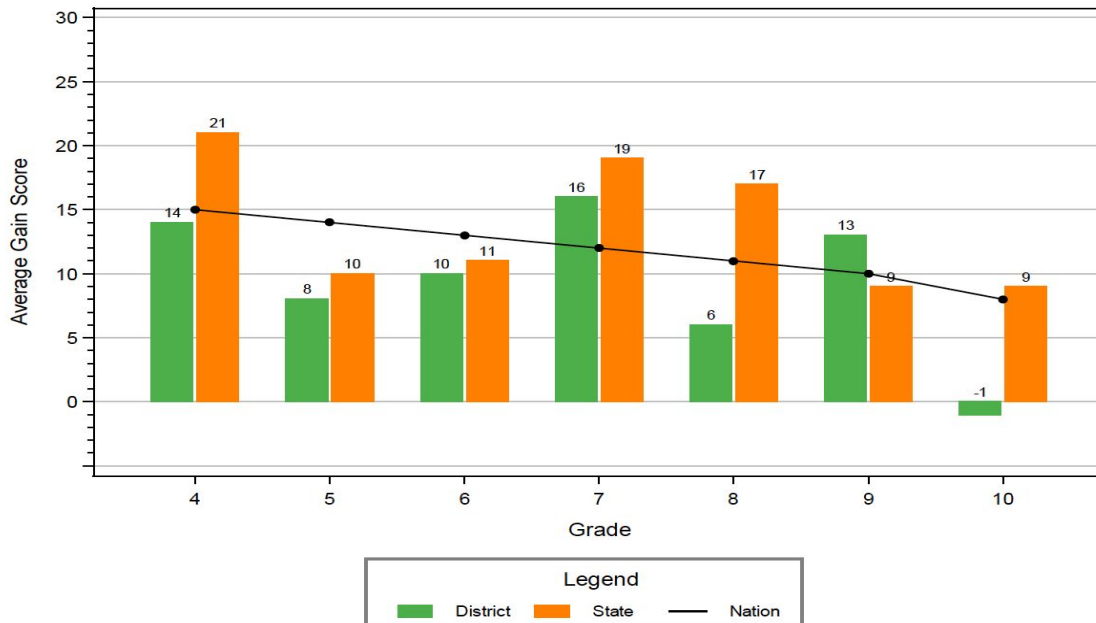
**Figure 1**  
Reading: Average Gain Scores by Grade  
Colo-NESCO Community Schools: 2017-2018



**Figure 2**  
**Mathematics: Average Gain Scores by Grade**  
**Colo-NESCO Community Schools: 2017-2018**



**Figure 3**  
**Science: Average Gain Scores by Grade**  
**Colo-NESCO Community Schools: 2017-2018**





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

# Building/Grade Level Summary

## Percent of Students Scoring Proficient

### Colo-Nesco 17-18

Building	Grade	IA Reading M	IA Mathematics M	IA Science M	IA Social Studies M
Colo-Nesco Elem.	03	88%	81%	92%	92%
Colo-Nesco Elem.	04	61%	86%	75%	75%
Colo-Nesco HS	09	87%	84%	81%	87%
Colo-Nesco HS	10	76%	68%	73%	89%
Colo-Nesco HS	11	76%	79%	76%	76%
Colo-Nesco MS	05	91%	88%	94%	91%
Colo-Nesco MS	06	78%	81%	75%	63%
Colo-Nesco MS	07	72%	79%	79%	62%
Colo-Nesco MS	08	69%	62%	81%	64%

More Concern

Borderline

Less Concern

Below 70%

70% to 79%

80% and Above

Percent of Students Scoring Proficient

## 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	22	21.6	21.2	19.4	21.3	23.1	22.6	22.1	22.1	21.7	21.9

*The Royal Way*

**District Attendance and Graduation Rates:**

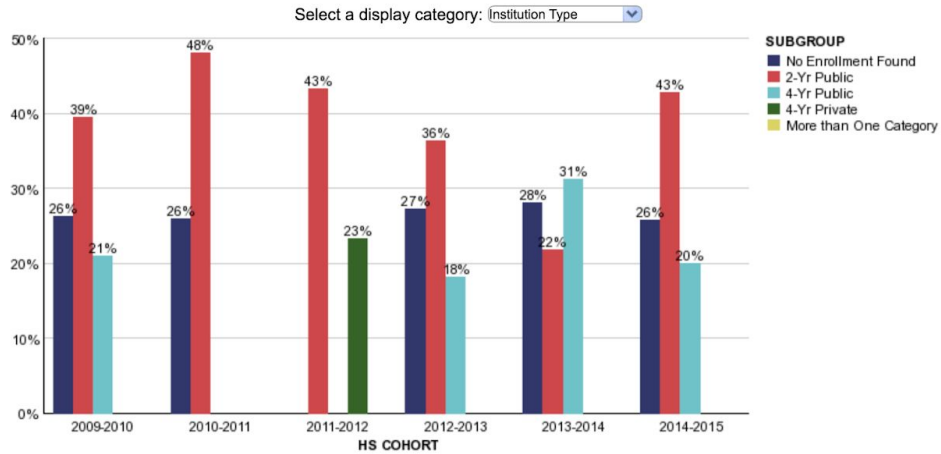
Average Daily Attendance				Graduation Rate (4 year)			5 Year Grad Rate
School Year	MS/HS	Intermediate	Elementary	Graduation Year	C-N	State Avg	C-N
13-14	93.03	95.18	96.26	2012	96.9	89.3	87.1
14-15	93.80	94.79	95.95	2013	89.19	89.7	96.9
15-16	92.40	96.11	96.17	2014	94.12	90.8	89.19
16-17	94.90	N/A	95.18	2015	94.59	90.8	94.12
17-18				2016	96.43	91.3	97.3
				2017	97.22	91	96.43
				Graduation Cohort	Dropouts	Rate	
				2012	0	0	
				2013	2	1.5	
				2014	5	2.34	
				2015	0	0	
				2016	4	2.84	
				2017	0	0	

- 5-Year Trend is for Previous Years Cohort

## Post-Secondary Enrollment Information:

### SLDS 1.1 - First Year Postsecondary Enrollment Trends Colo-NESCO Jr./Sr. High School (1359-0172)

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



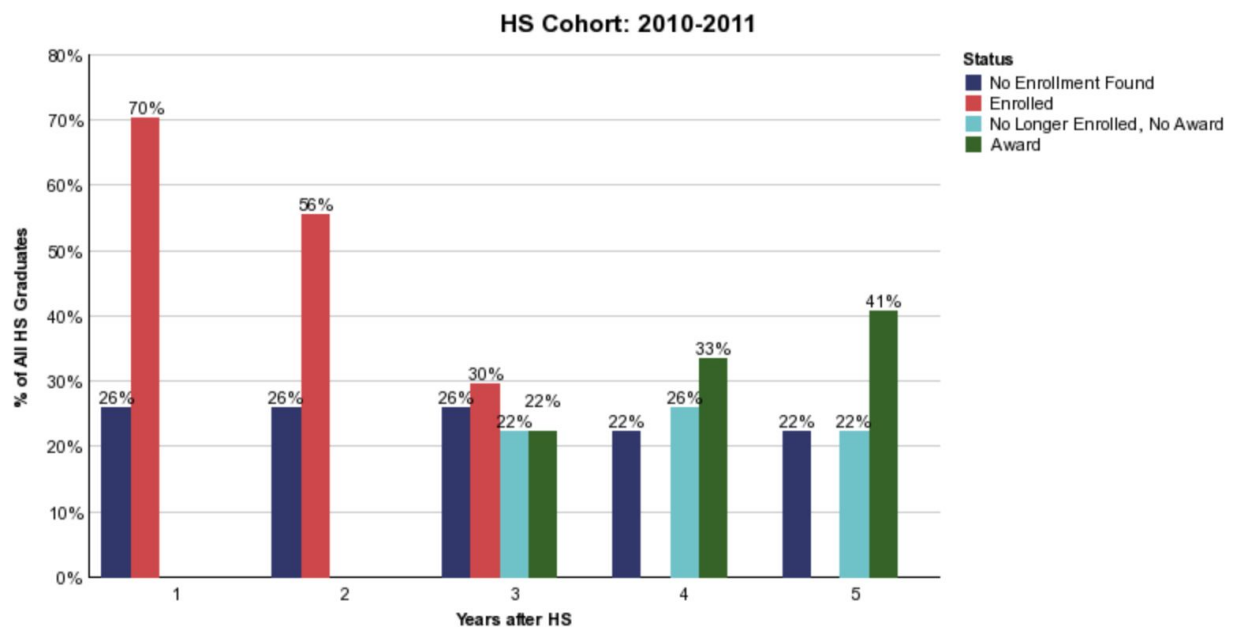
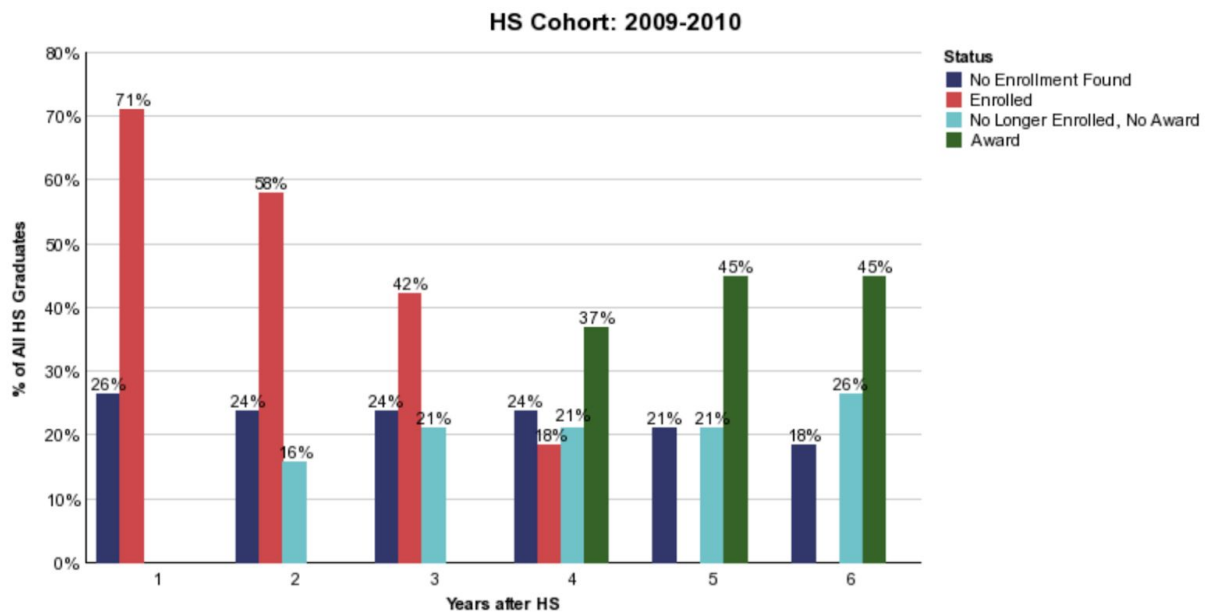
	2009-2010		2010-2011		2011-2012		2012-2013		2013-2014		2014-2015	
	# HS Graduates	%	# HS Graduates	%	# HS Graduates	%	# HS Graduates	%	# HS Graduates	%	# HS Graduates	%
No Enrollment Found	10	26.3%	7	25.9%	*	*	9	27.3%	9	28.1%	9	25.7%
2-Yr Public	15	39.5%	13	48.1%	13	43.3%	12	36.4%	7	21.9%	15	42.9%
4-Yr Public	8	21.1%	*	*	*	*	6	18.2%	10	31.2%	7	20.0%
4-Yr Private	*	*	*	*	7	23.3%	*	*	*	*	*	*
More than One Category	0	0.0%	*	*	*	*	*	*	*	*	0	0.0%

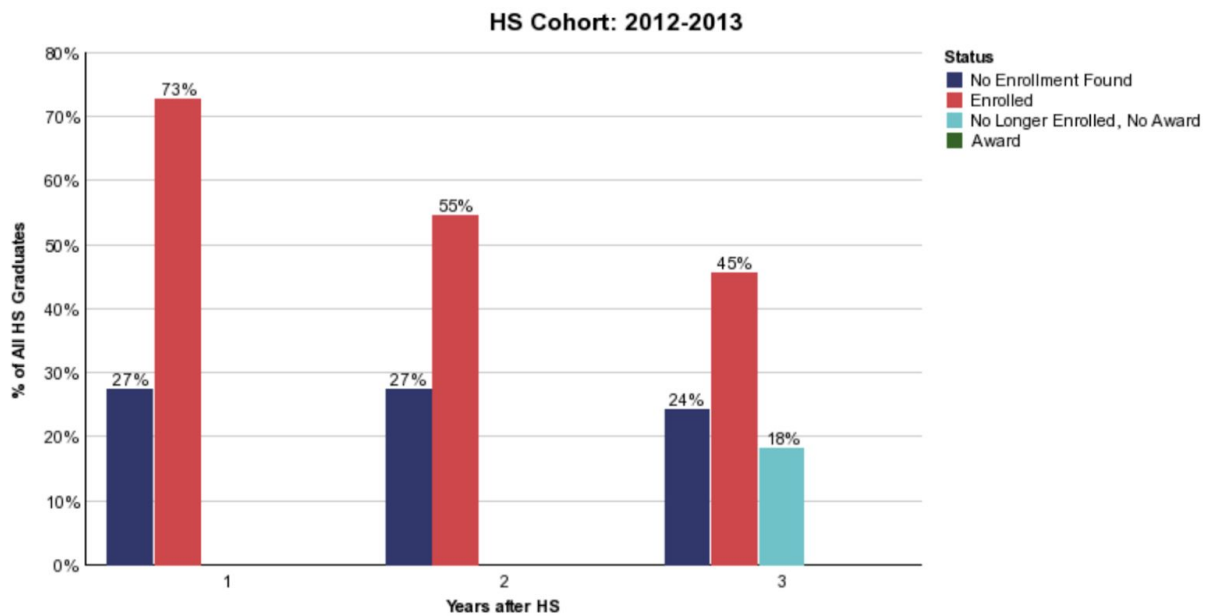
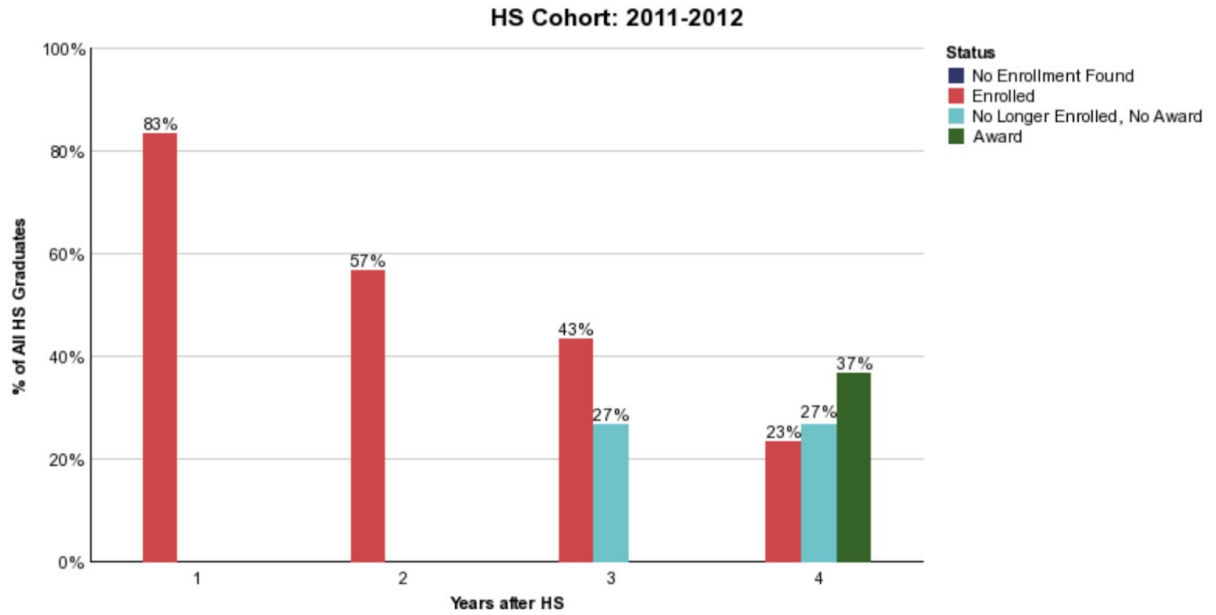
\* Indicates data that have been redacted to protect student identities

None of the observable differences and/or trends in this report have been tested for statistical significance.

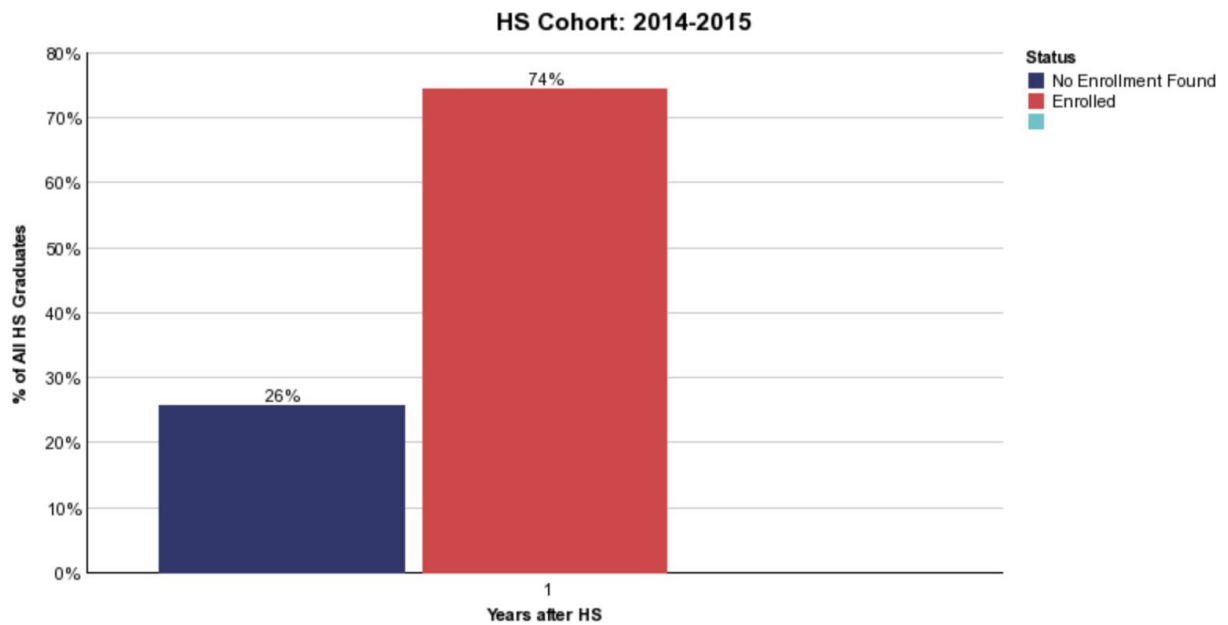
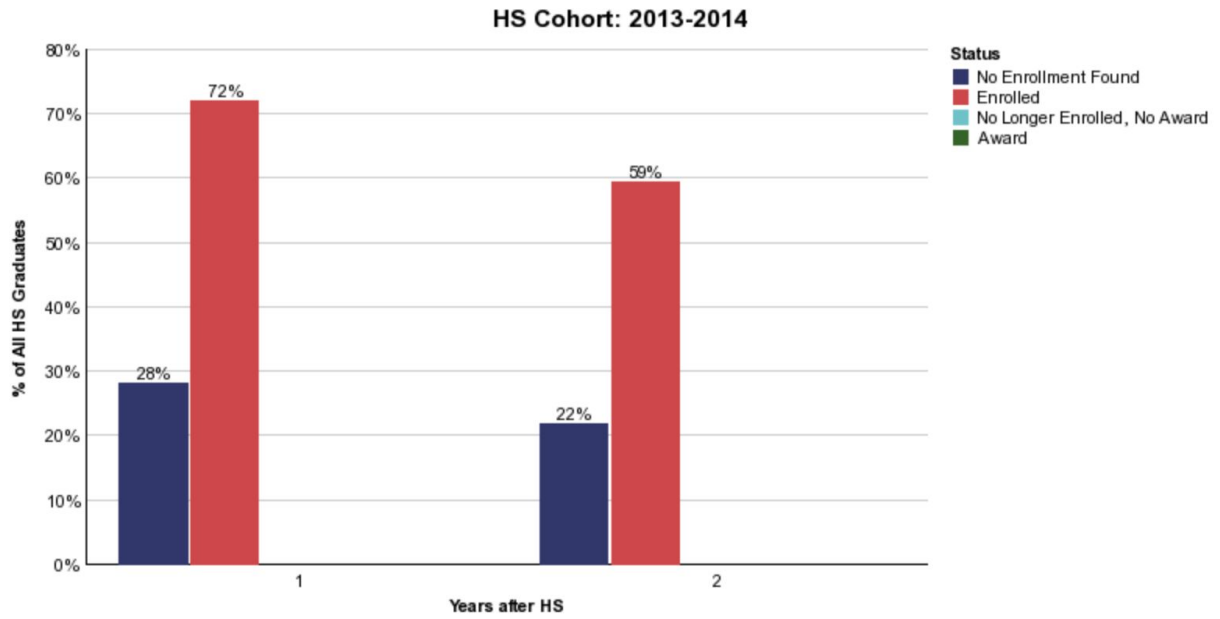
## Post-secondary Degree Completion Data:

- The following graphs provide information for graduation cohorts regarding enrollment, retention, and the first award earned across all post-secondary institution types.





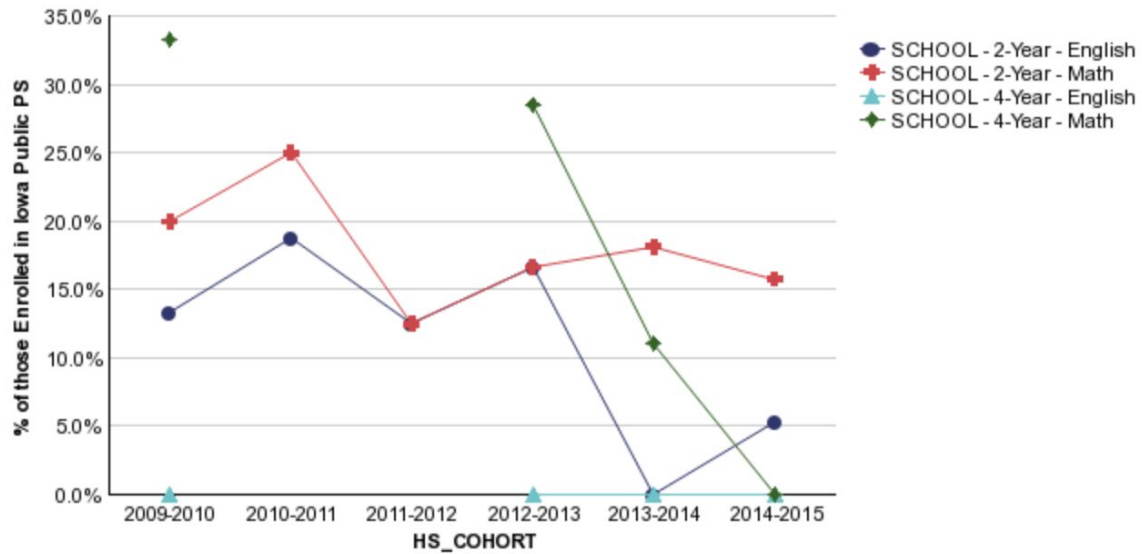
***The Royal Way***



***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	2014-2015
SCHOOL	2-Year	English	13.3%	18.8%	12.5%	16.7%	0.0%	5.3%
		Math	20.0%	25.0%	12.5%	16.7%	18.2%	15.8%
	4-Year	English	0.0%	*	*	0.0%	0.0%	0.0%
		Math	33.3%	*	*	28.6%	11.1%	0.0%