



Iowa Core Report 2016-2017

Sergeant Bluff-Luton Comm Schools
(5877)



Iowa Testing Programs

Created on 08/14/2017

Overview

This report summarizes student achievement information on the *Iowa Assessments* for grades in your district for this school year.

- The **2016-2017 Snapshots** summarize the performance of your students across grades and compare your students with those in your AEA and the state.
- **Proficiency** results show the performance of grade groups and compares your students to the AEA and state.
- **Growth** results show change for grade cohorts in your district.
- **Iowa Core** results show how your students perform on major domains of the Iowa Core Standards in Reading and Mathematics.
- All results are for the 2016-2017 school year.

Figure 1
Reading Snapshot: Average NSS by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017

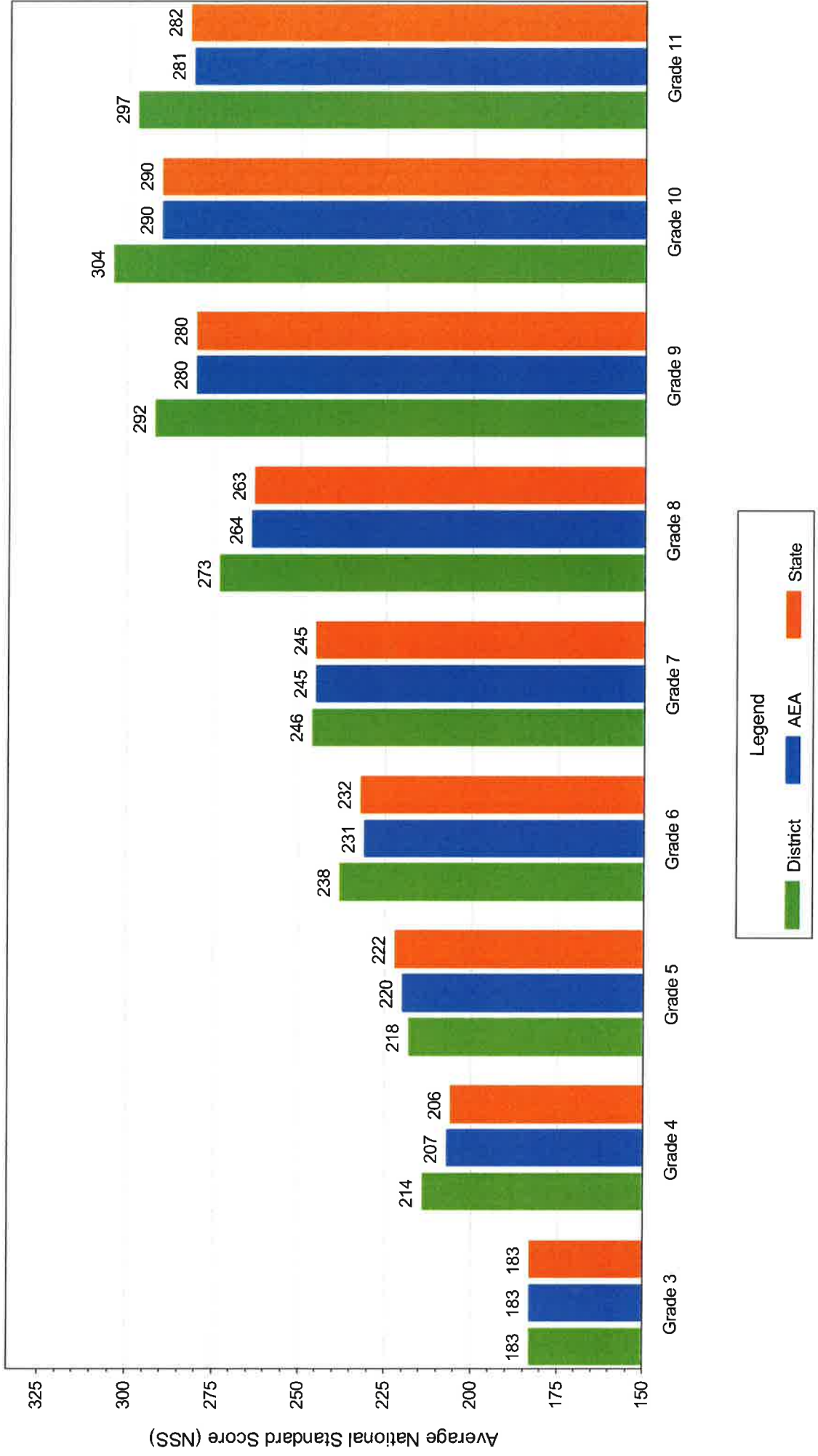


Figure 2
Reading: Percent Proficient by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017

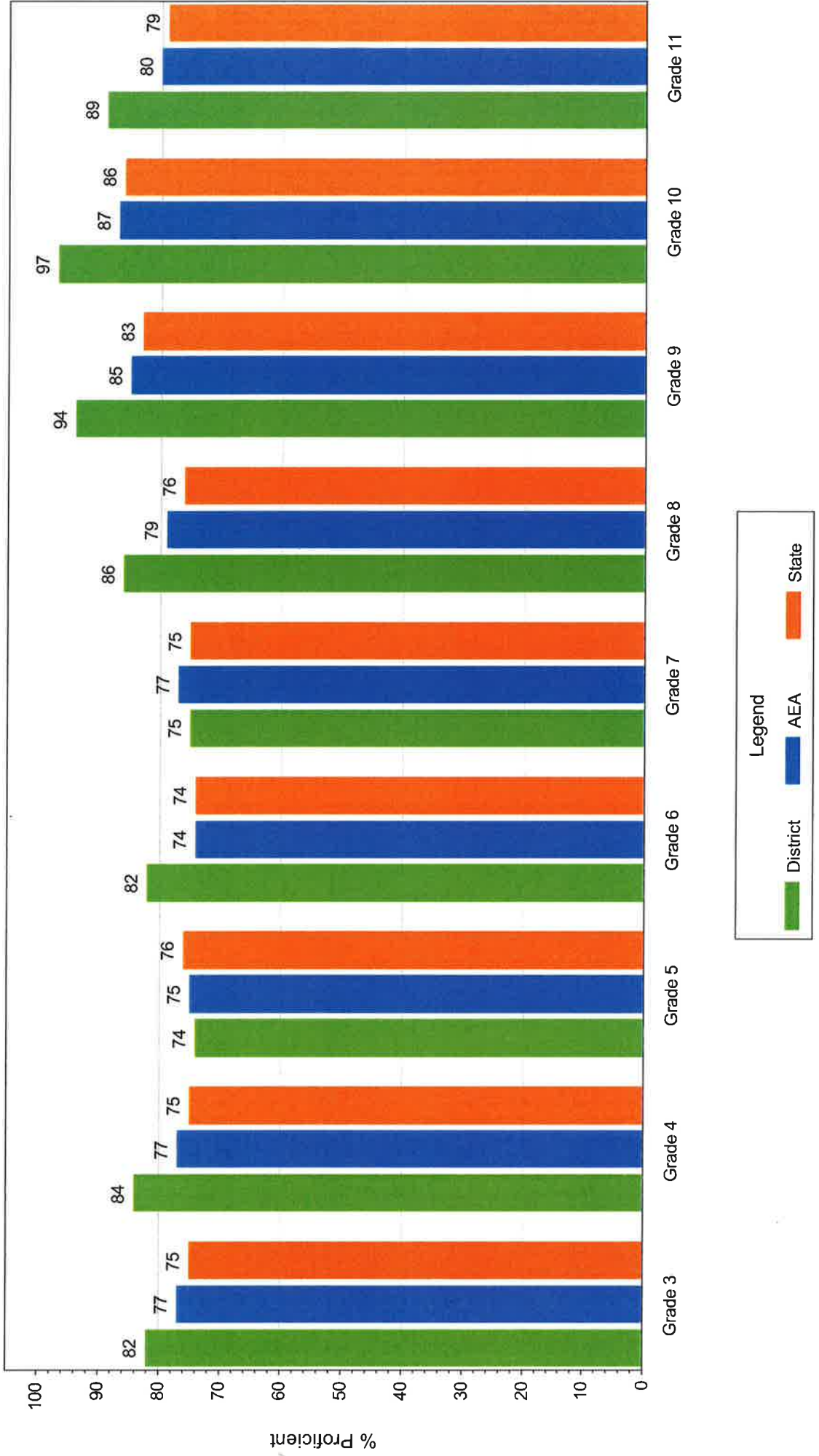


Figure 3
Mathematics Snapshot: Average NSS by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017

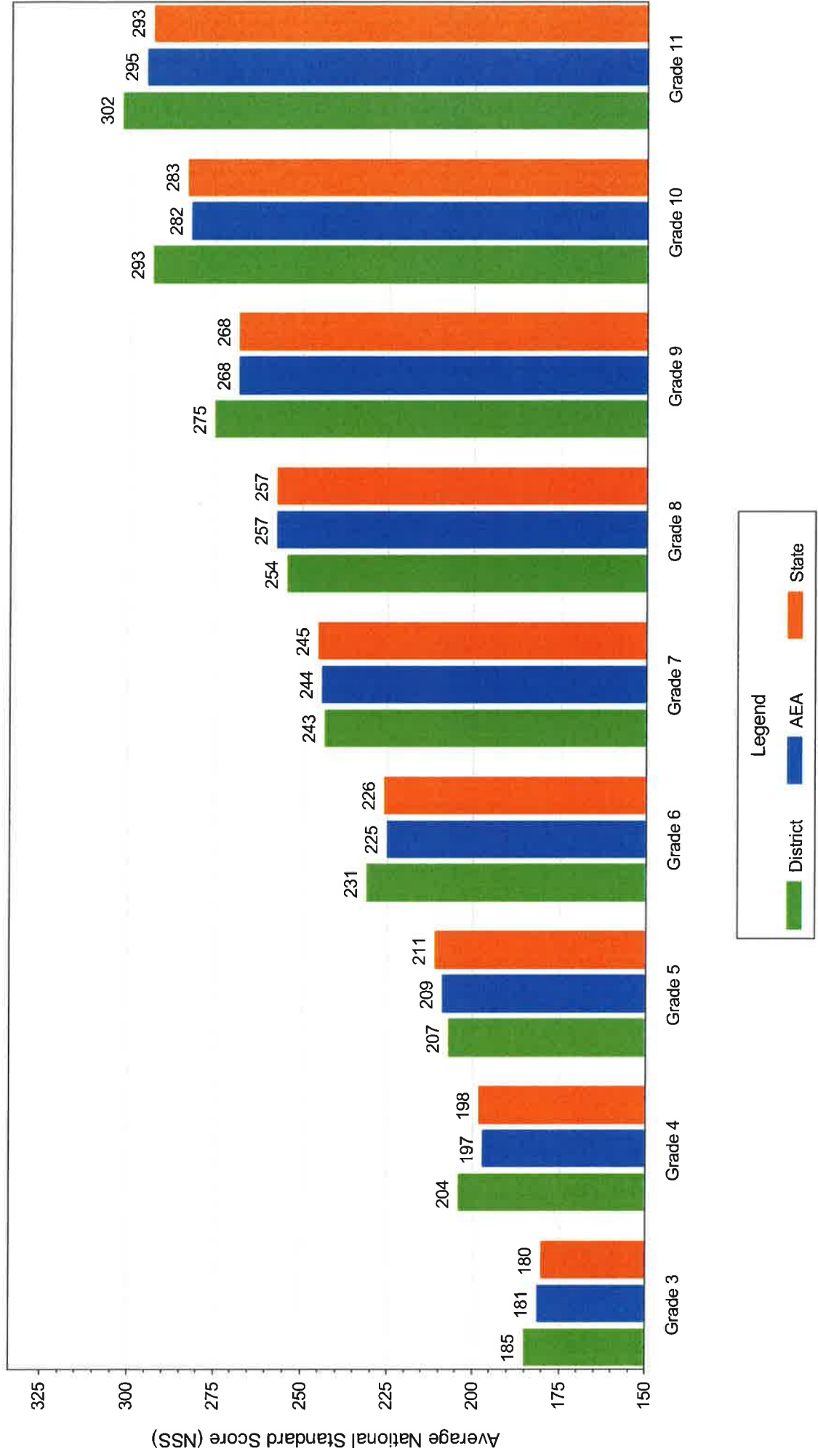


Figure 4
Mathematics: Percent Proficient by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017

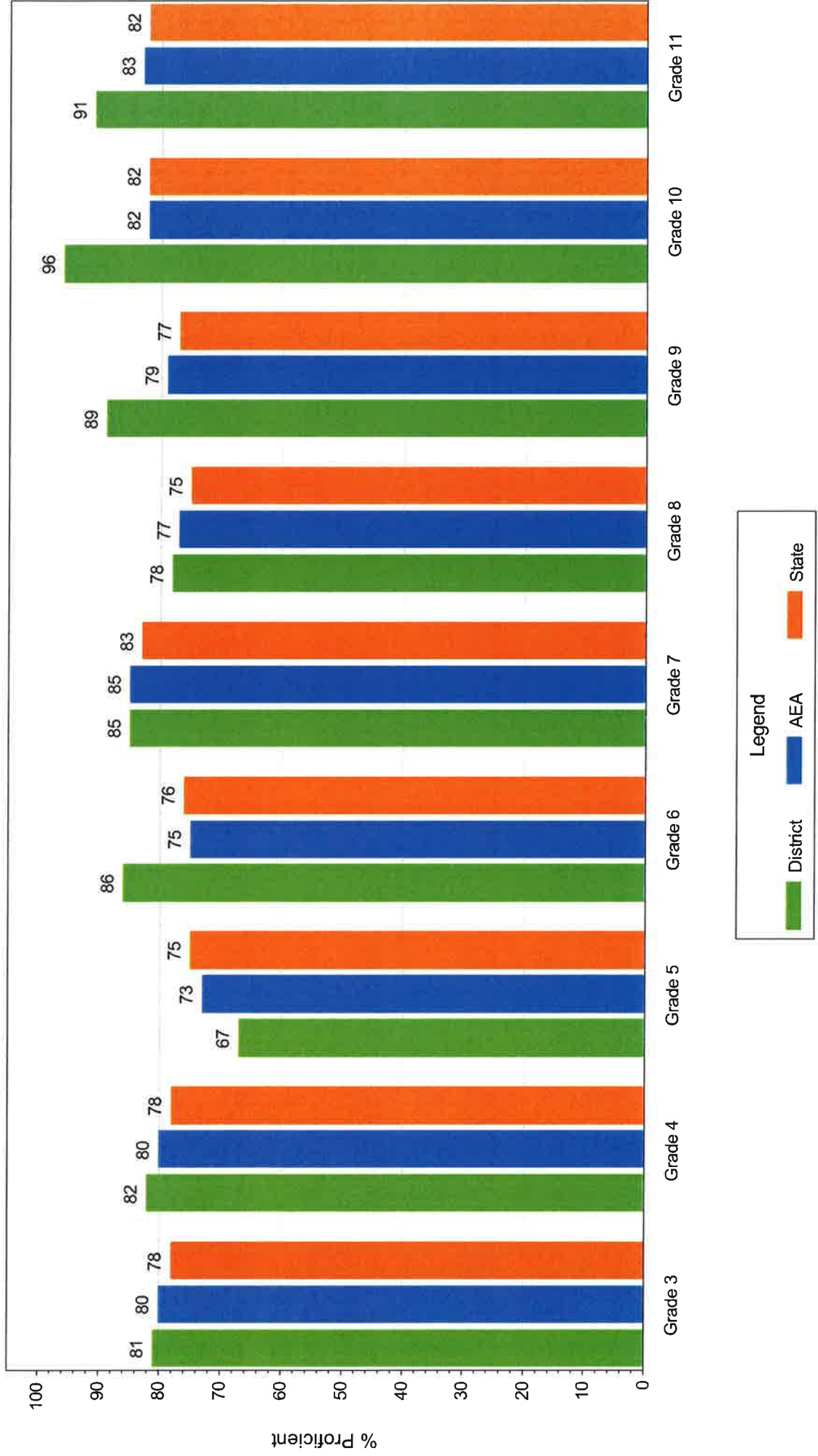


Figure 5
Science Snapshot: Average NSS by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017

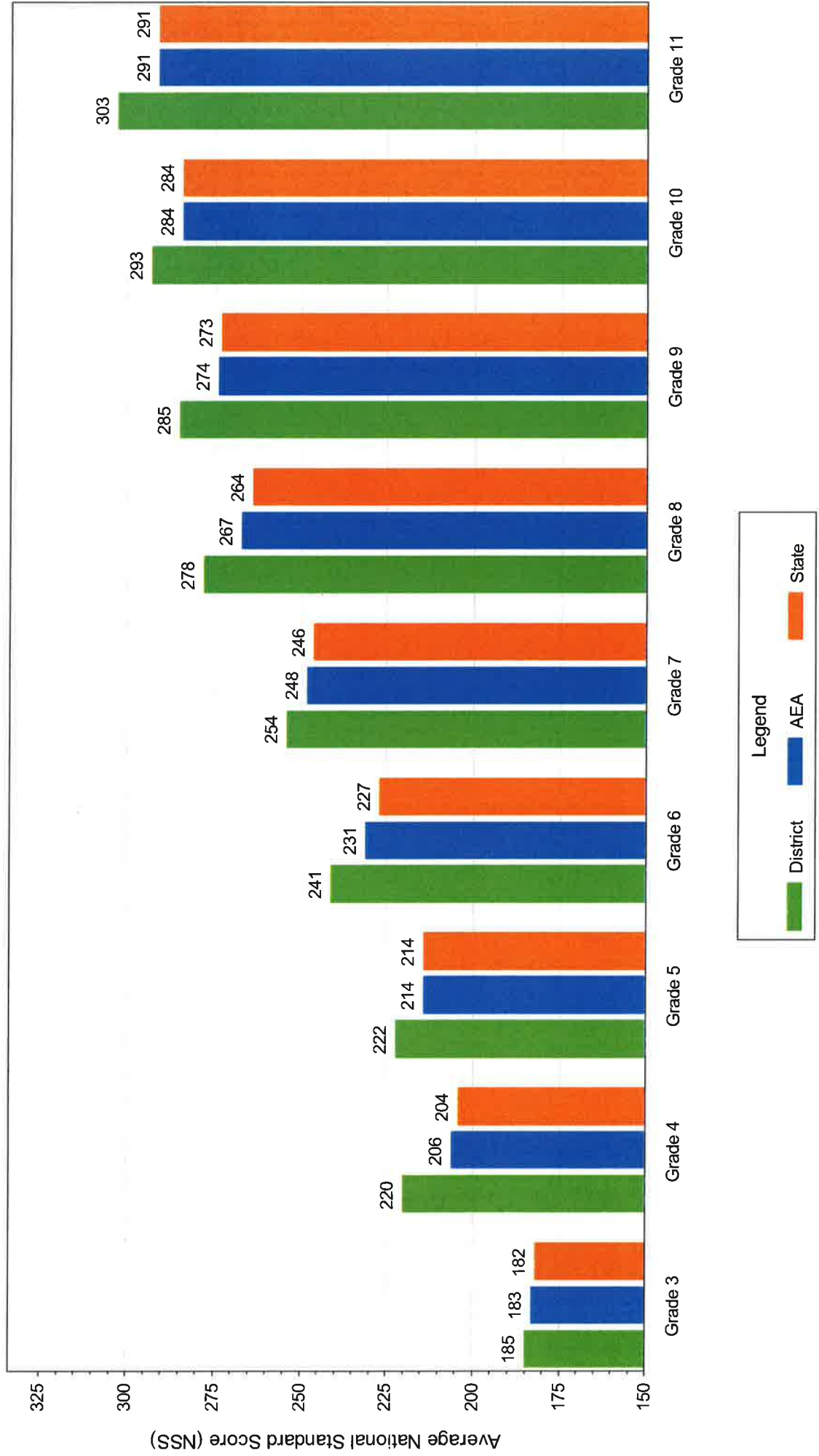


Figure 6
Science: Percent Proficient by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017

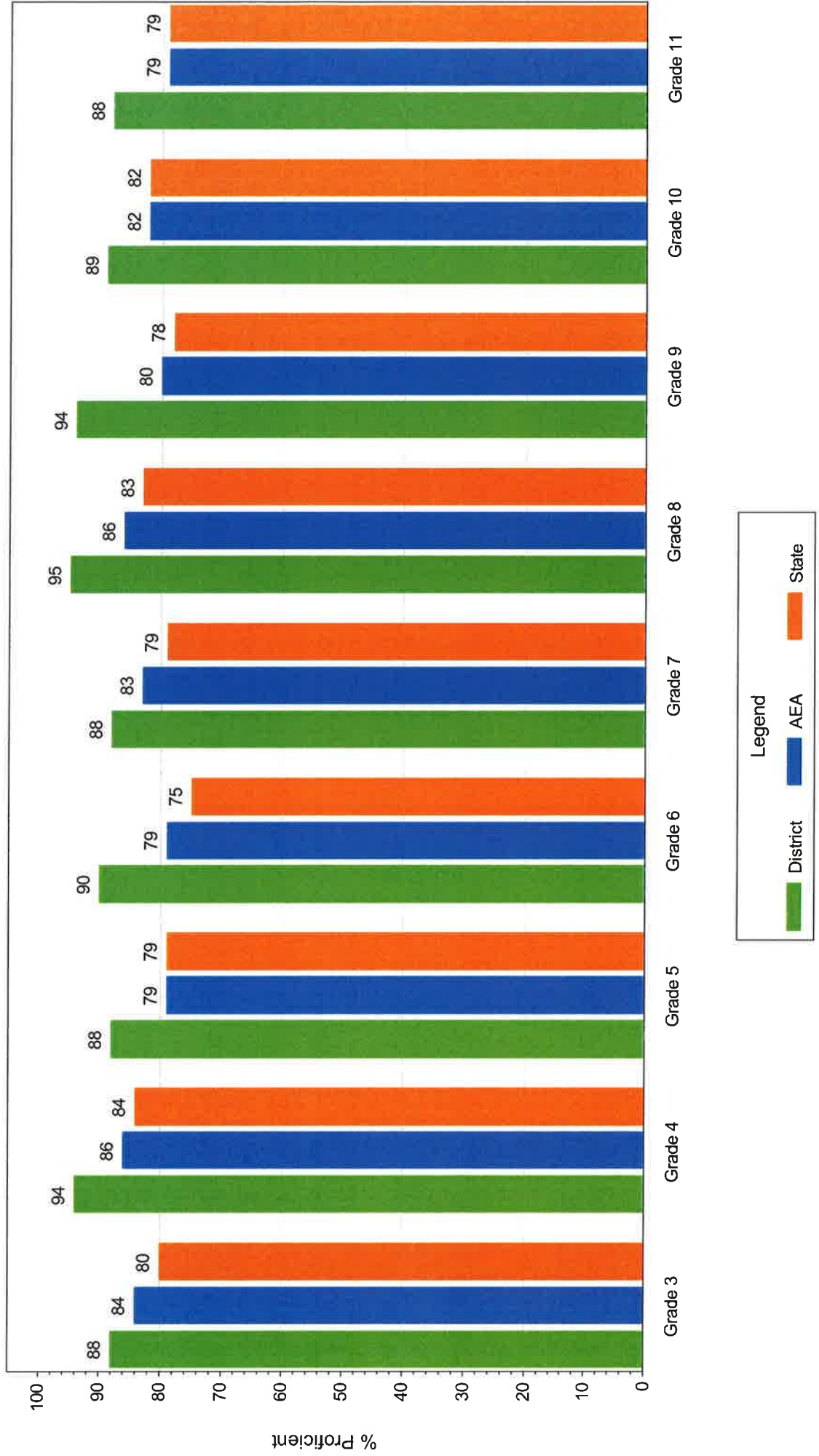
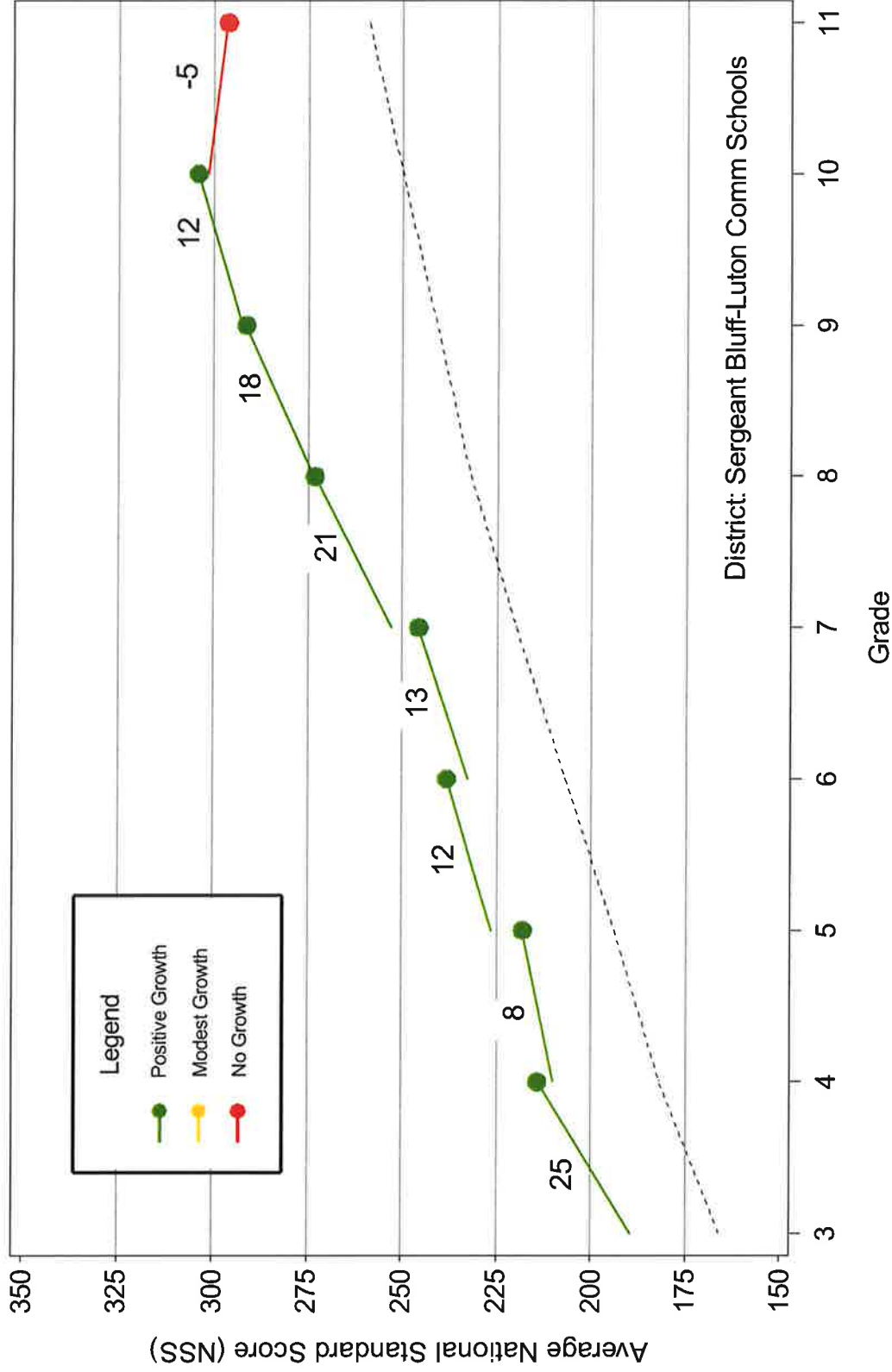
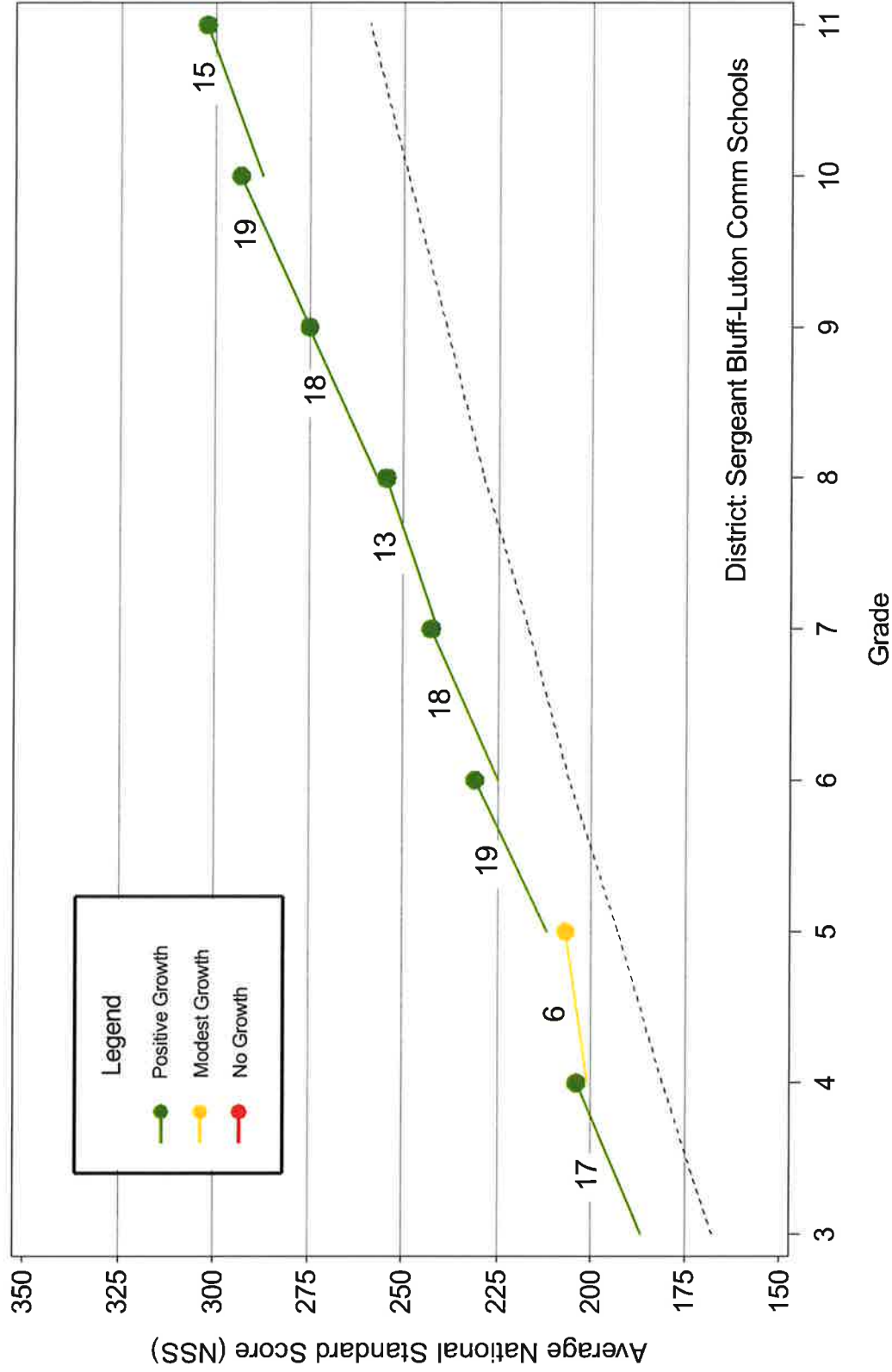


Figure 7
Cohort Growth in Reading
for the 2015-2016 to 2016-2017 School Years



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.

Figure 8
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.

Table 1
Domain Performance in Reading on the Iowa Core: Grades 3-8
Sergeant Bluff-Luton Comm Schools: 2016-2017

Iowa Core: Reading												
Grade 3 (n=120)						Grade 4 (n=146)						
<i>Domain</i>	# of Points	Percent Correct			# of Points	Percent Correct	<i>Domain</i>	# of Points	Percent Correct			<i>Iowa</i>
		District	AEA	<i>Iowa</i>					District	AEA	<i>Iowa</i>	
Key Ideas & Details	28	68%	69%	68%	26	Key Ideas & Details	26	72%	69%	69%	69%	
Craft & Structure	11	59%	60%	61%	12	Craft & Structure	12	71%	67%	66%	66%	
Integration of Knowledge & Ideas	02	63%	70%	70%	04	Integration of Knowledge & Ideas	04	68%	65%	64%	64%	
Total	41				42	Total	42					
Grade 5 (n=111)												
<i>Domain</i>	# of Points	Percent Correct			# of Points	Percent Correct	<i>Domain</i>	# of Points	Percent Correct			<i>Iowa</i>
		District	AEA	<i>Iowa</i>					District	AEA	<i>Iowa</i>	
Key Ideas & Details	24	65%	67%	68%	25	Key Ideas & Details	25	70%	68%	69%	69%	
Craft & Structure	15	66%	68%	69%	16	Craft & Structure	16	74%	69%	69%	69%	
Integration of Knowledge & Ideas	04	62%	65%	66%	03	Integration of Knowledge & Ideas	03	60%	56%	56%	56%	
Total	43				44	Total	44					
Grade 7 (n=121)												
<i>Domain</i>	# of Points	Percent Correct			# of Points	Percent Correct	<i>Domain</i>	# of Points	Percent Correct			<i>Iowa</i>
		District	AEA	<i>Iowa</i>					District	AEA	<i>Iowa</i>	
Key Ideas & Details	27	67%	67%	67%	27	Key Ideas & Details	27	73%	71%	70%	70%	
Craft & Structure	14	66%	68%	67%	15	Craft & Structure	15	73%	69%	68%	68%	
Integration of Knowledge & Ideas	04	55%	58%	59%	04	Integration of Knowledge & Ideas	04	73%	72%	72%	72%	
Total	45				46	Total	46					

Table 2
Domain Performance in Reading on the Iowa Core: Grades 9-11
Sergeant Bluff-Luton Comm Schools: 2016-2017

<i>Iowa Core: Reading</i>		Grade 9 (n=129)				Grade 10 (n=115)				
		<i>Domain</i>	<i># of Points</i>	<i>District</i>	<i>AEA</i>	<i>Iowa</i>	<i>Domain</i>	<i># of Points</i>	<i>District</i>	<i>AEA</i>
	Key Ideas & Details	21	72%	67%	67%	Key Ideas & Details	23	70%	64%	64%
	Craft & Structure	16	70%	67%	66%	Craft & Structure	13	77%	70%	70%
	Integration of Knowledge & Ideas	03	72%	66%	64%	Integration of Knowledge & Ideas	04	79%	71%	70%
	Total	40				Total	40			

<i>Iowa Core: Reading</i>		Grade 11 (n=112)			
		<i>Domain</i>	<i># of Points</i>	<i>District</i>	<i>AEA</i>
	Key Ideas & Details	24	70%	62%	62%
	Craft & Structure	12	73%	68%	68%
	Integration of Knowledge & Ideas	04	61%	57%	58%
	Total	40			

Table 3
Domain Performance in Mathematics on the Iowa Core: Grades 3-8
Sergeant Bluff-Luton Comm Schools: 2016-2017

Iowa Core: Mathematics											
Grade 3 (n=120)						Grade 4 (n=146)					
Domain	# of Points	Percent Correct		# of Points	Percent Correct						
		District	AEA Iowa		District	AEA Iowa					
Operations & Algebraic Thinking	14	70%	67%	17	71%	69%					
Number & Operations in Base 10	06	66%	63%	08	67%	64%					
Number & Operations - Fractions	02	73%	74%	02	62%	64%					
Measurement & Data	22	69%	69%	22	72%	69%					
Geometry	06	65%	61%	06	62%	55%					
Total	50			55							
Grade 5 (n=111)											
Domain	# of Points	Percent Correct		# of Points	Percent Correct						
		District	AEA Iowa		District	AEA Iowa					
Operations & Algebraic Thinking	15	65%	65%	05	49%	49%					
Number & Operations in Base 10	11	58%	59%	19	64%	61%					
Number & Operations - Fractions	02	50%	53%	09	67%	64%					
Measurement & Data	23	65%	67%	14	57%	57%					
Geometry	09	45%	55%	09	64%	62%					
Total	60			65							
Grade 6 (n=132)											
Domain	# of Points	Percent Correct		# of Points	Percent Correct						
		District	AEA Iowa		District	AEA Iowa					
Ratios & Proportional Relationships	05	65%	66%	05	49%	51%					
The Number System	11	58%	59%	19	64%	61%					
Expressions & Equations	02	50%	53%	09	67%	64%					
Geometry	23	65%	67%	14	57%	57%					
Statistics & Probability	09	45%	55%	09	64%	62%					
Mathematical Practices, Measurement				09	77%	71%					
Total	60			65							
Grade 7 (n=122)											
Domain	# of Points	Percent Correct		# of Points	Percent Correct						
		District	AEA Iowa		District	AEA Iowa					
Ratios & Proportional Relationships	09	60%	62%	16	63%	63%					
The Number System	17	61%	64%	20	63%	65%					
Expressions & Equations	10	64%	66%	02	51%	52%					
Geometry	15	51%	53%	17	47%	51%					
Statistics & Probability	10	49%	50%	12	61%	63%					
Mathematical Practices, Measurement	09	69%	70%	08	53%	55%					
Total	70			75							
Grade 8 (n=126)											
Domain	# of Points	Percent Correct		# of Points	Percent Correct						
		District	AEA Iowa		District	AEA Iowa					
Ratios & Proportional Relationships	09	60%	62%	16	63%	63%					
The Number System	17	61%	64%	20	63%	65%					
Expressions & Equations	10	64%	66%	02	51%	52%					
Geometry	15	51%	53%	17	47%	51%					
Statistics & Probability	10	49%	50%	12	61%	63%					
Mathematical Practices, Measurement	09	69%	70%	08	53%	55%					
Total	70			75							

Table 4
Domain Performance in Mathematics on the Iowa Core: Grades 9-11
Sergeant Bluff-Luton Comm Schools: 2016-2017

Iowa Core: Mathematics									
Grade 9 (n=129)					Grade 10 (n=115)				
Domain	# of Points	Percent Correct		# of Points	Domain	Percent Correct		# of Points	Percent Correct
		District	AEA Iowa			District	AEA Iowa		
Number & Quantity	17	52%	49%	50%	Number & Quantity	14	59%	52%	52%
Algebra	07	50%	49%	49%	Algebra	09	58%	55%	55%
Functions	02	67%	58%	56%	Functions	02	58%	53%	52%
Geometry	08	49%	49%	50%	Geometry	08	49%	50%	52%
Statistics & Probability	06	51%	53%	53%	Statistics & Probability	07	56%	55%	56%
Total	40				Total	40			

Grade 11 (n=112)									
Domain	# of Points	Percent Correct		# of Points	Domain	Percent Correct		# of Points	Percent Correct
		District	AEA Iowa			District	AEA Iowa		
Number & Quantity	12	57%	52%	52%	Number & Quantity	12	57%	52%	52%
Algebra	10	58%	56%	55%	Algebra	10	58%	56%	55%
Functions	02	56%	46%	42%	Functions	02	56%	46%	42%
Geometry	08	48%	46%	47%	Geometry	08	48%	46%	47%
Statistics & Probability	08	60%	60%	60%	Statistics & Probability	08	60%	60%	60%
Total	40				Total	40			



**Iowa
Growth**

Iowa Growth Report 2016-2017

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(5877)

Measuring Student Growth with the Iowa Assessments

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. All results reflect performance during the 2016-2017 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.

For more information on measuring growth with the *Iowa Assessments* see: Welch, C., Dunbar, S., & Rickels, H. (2016). *Measuring Student Growth in Iowa with the Iowa Assessments*. <https://ftp.education.iowa.edu/ia/documents/Measuring-Student-Growth-in-iowa-with-the-iowa-Assessments.pdf>

Notes: 1) If it has been more than one year since testing, your scores may be slightly higher. 2) Check to make sure that you are viewing the most current report. Any data changes or additions may not be reflected. If your district splits testing by grade level, this report may be incomplete. 3) Gain Scores in this report were calculated at the individual level. $\text{GainScore} = (\text{NSS_Year2} - \text{NSS_Year1})$.

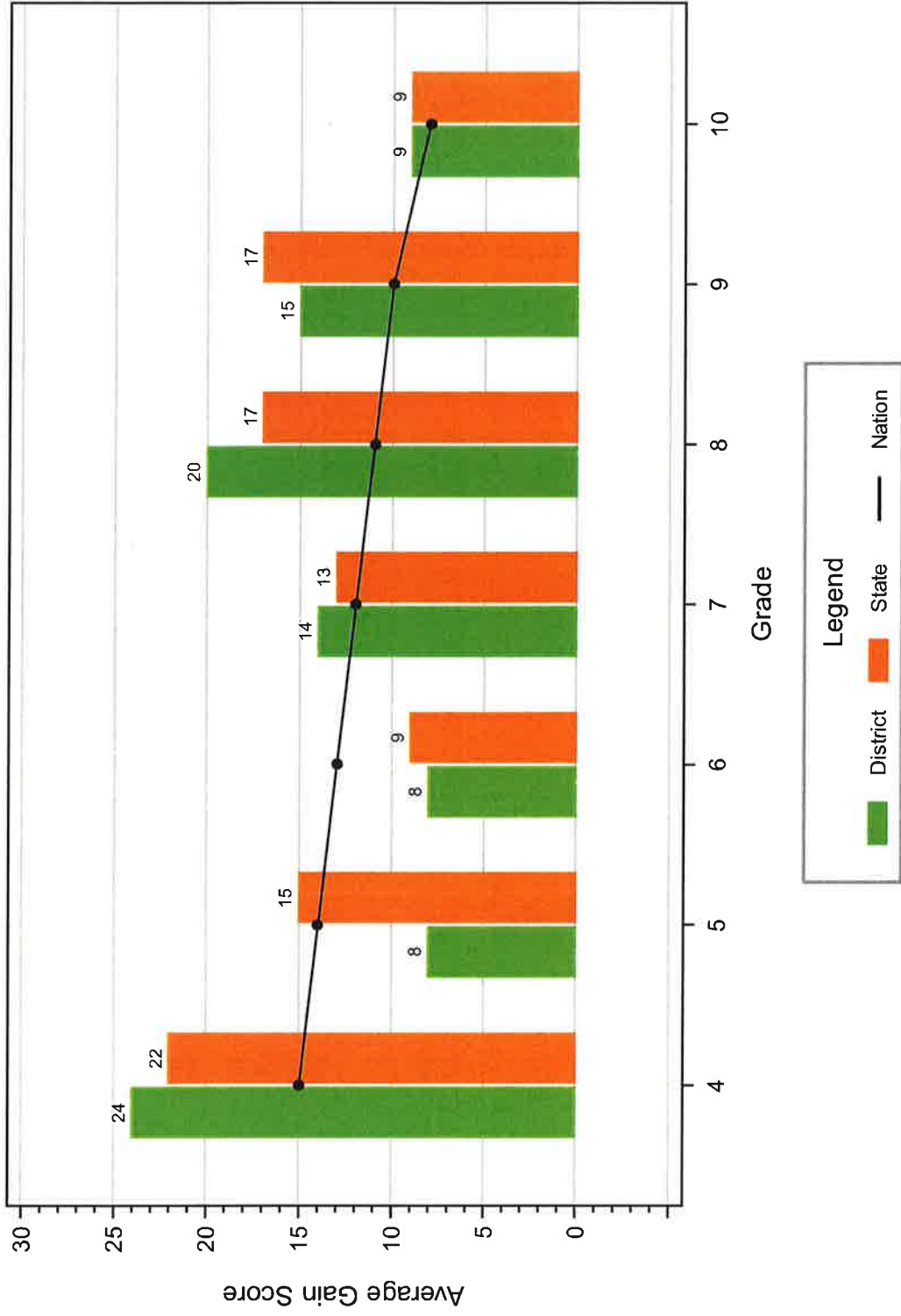
**Iowa
Growth**

Table 1
Average Gain Scores for Reading, Mathematics, and Science
Sergeant Bluff-Luton Comm Schools: 2016-2017

Grade	District Size	Reading			Mathematics			Science		
		District	State	Nation	District	State	Nation	District	State	Nation
4	133	24	22	15	17	17	15	29	21	15
5	103	8	15	14	6	14	14	7	10	14
6	119	8	9	13	17	13	13	10	11	13
7	111	14	13	12	17	16	12	17	19	12
8	123	20	17	11	12	11	11	24	17	11
9	124	15	17	10	16	12	10	6	9	10
10	111	9	9	8	16	13	8	9	9	8

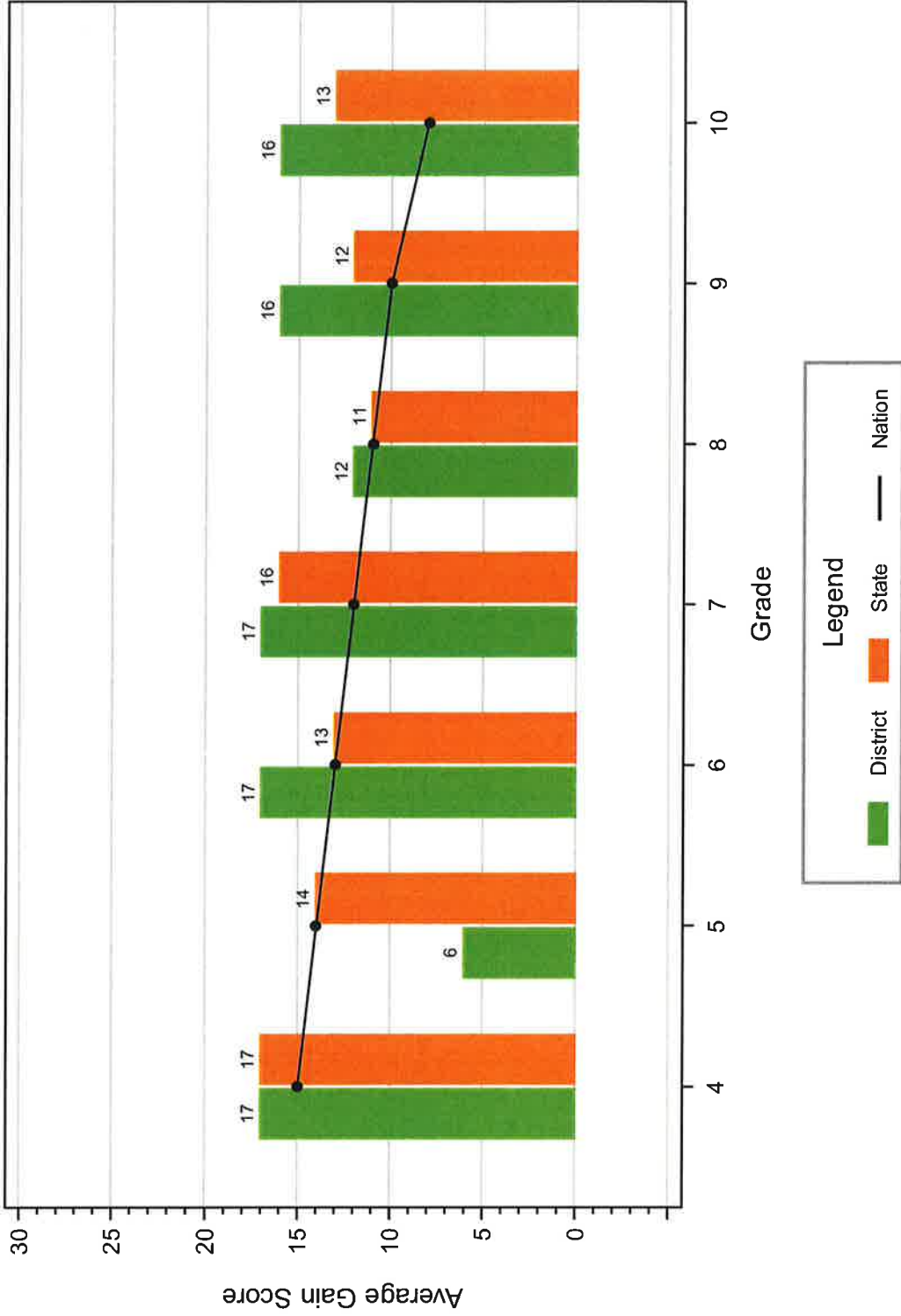
lowa
Growth

Figure 1
Reading: Average Gain Scores by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017



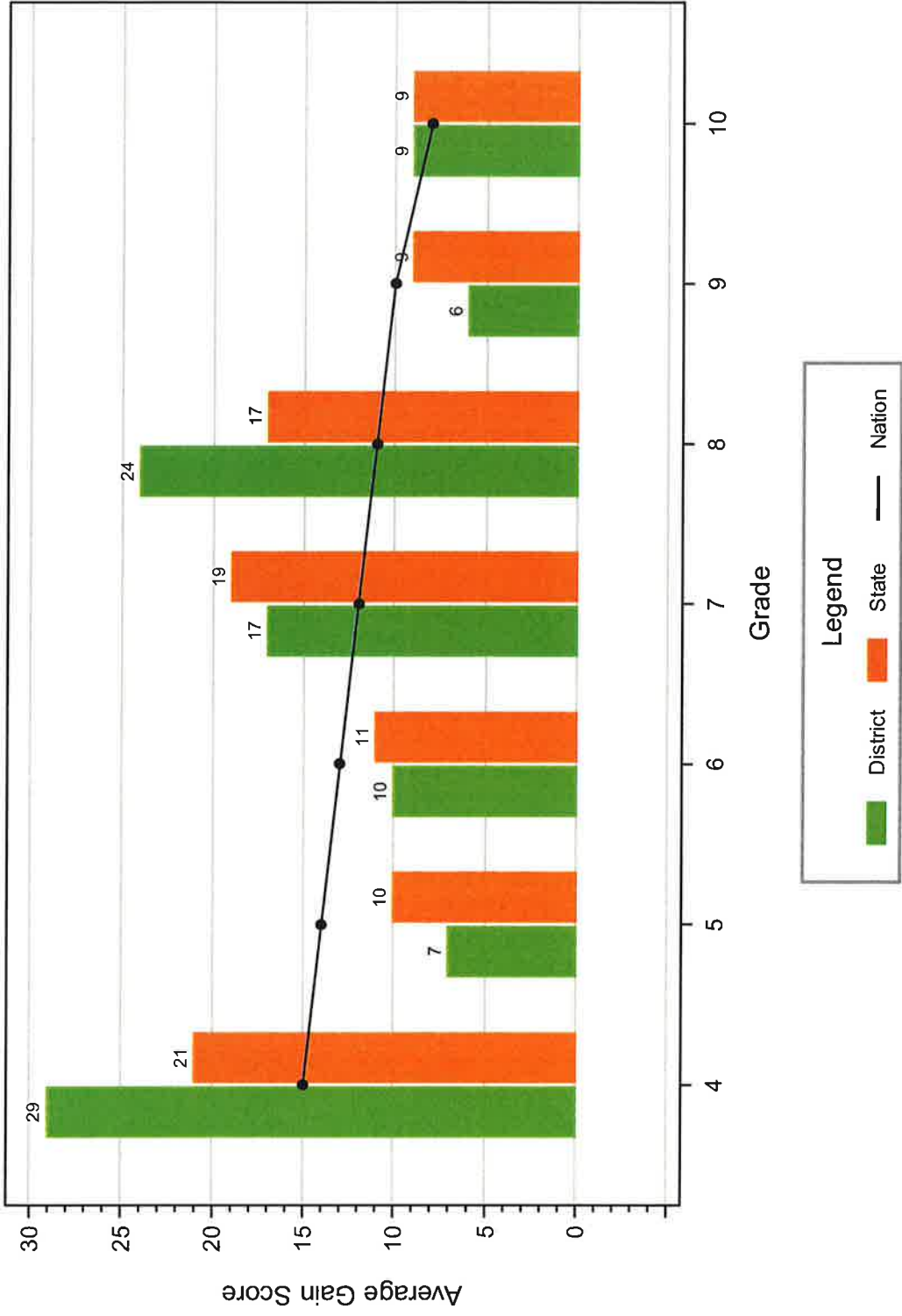
Iowa
Growth

Figure 2
Mathematics: Average Gain Scores by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017



Iowa
Growth

Figure 3
Science: Average Gain Scores by Grade
Sergeant Bluff-Luton Comm Schools: 2016-2017



Iowa
Growth