



Iowa Core Report 2017-2018

Sergeant Bluff-Luton Comm Schools
(5877)



Iowa Testing Programs

Created on 07/31/2018

Overview

This report summarizes student achievement information on the *Iowa Assessments* for grades in your district. As districts test throughout the year, time-of-year adjustments were made to allow for comparisons with the AEA and state averages.

- The **2017-2018 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 2017-2018 school year.

Figure 1
Reading Snapshot: Average NSS by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018

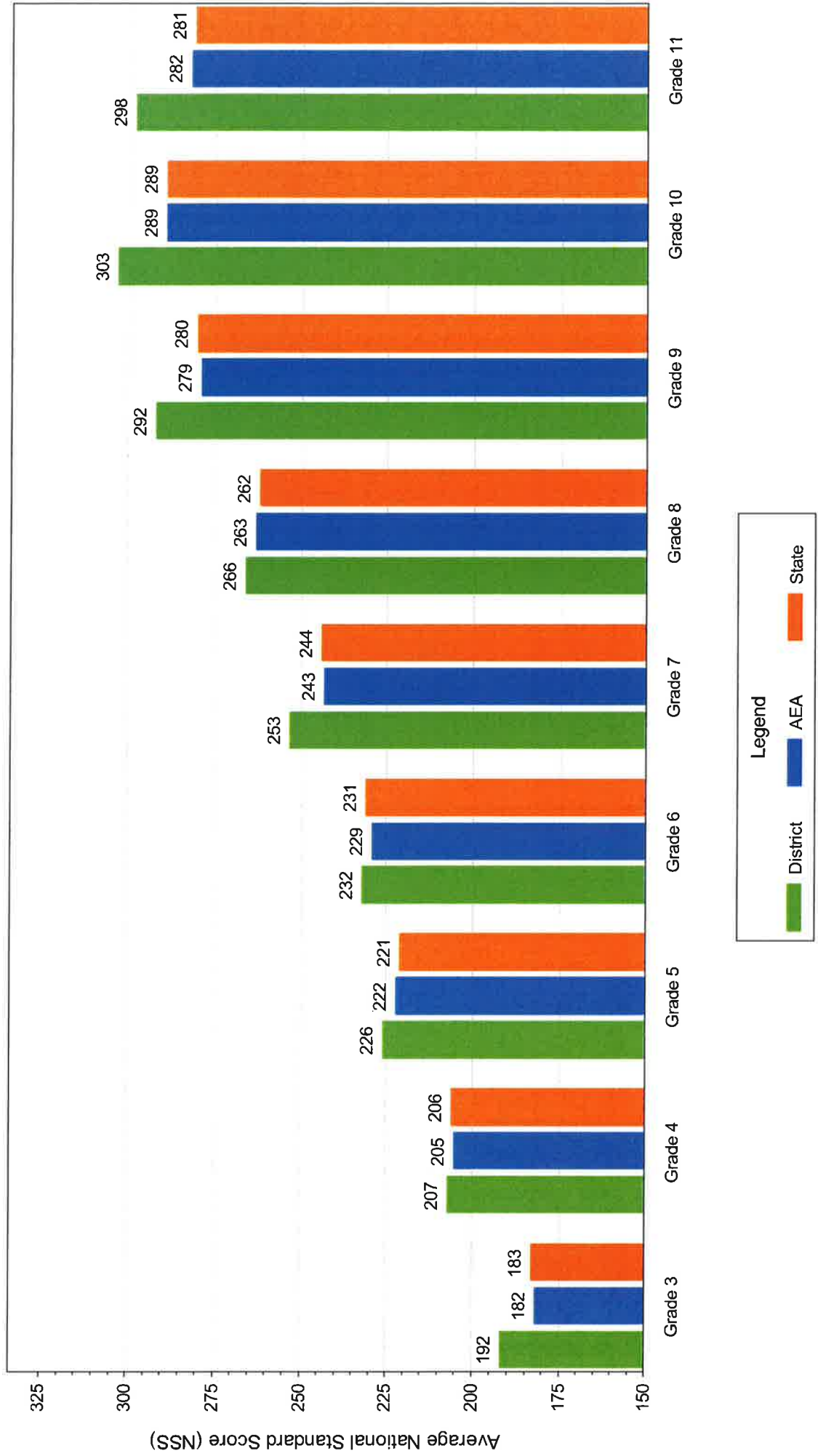


Figure 2
Reading: Percent Proficient by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018

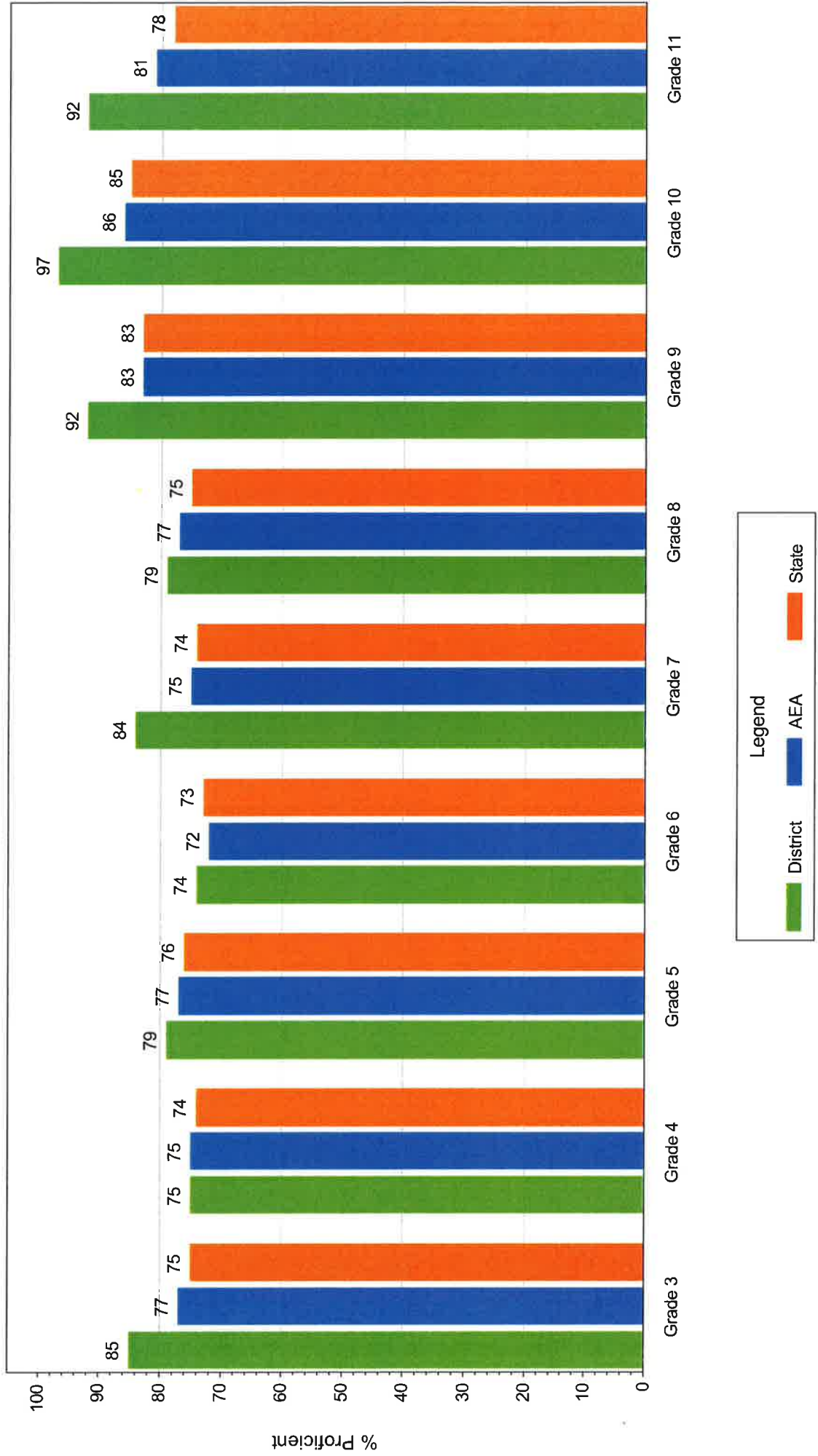


Figure 3
Mathematics Snapshot: Average NSS by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018

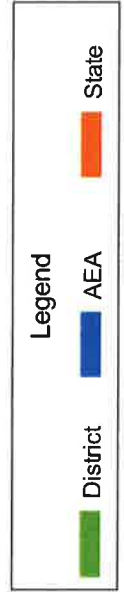
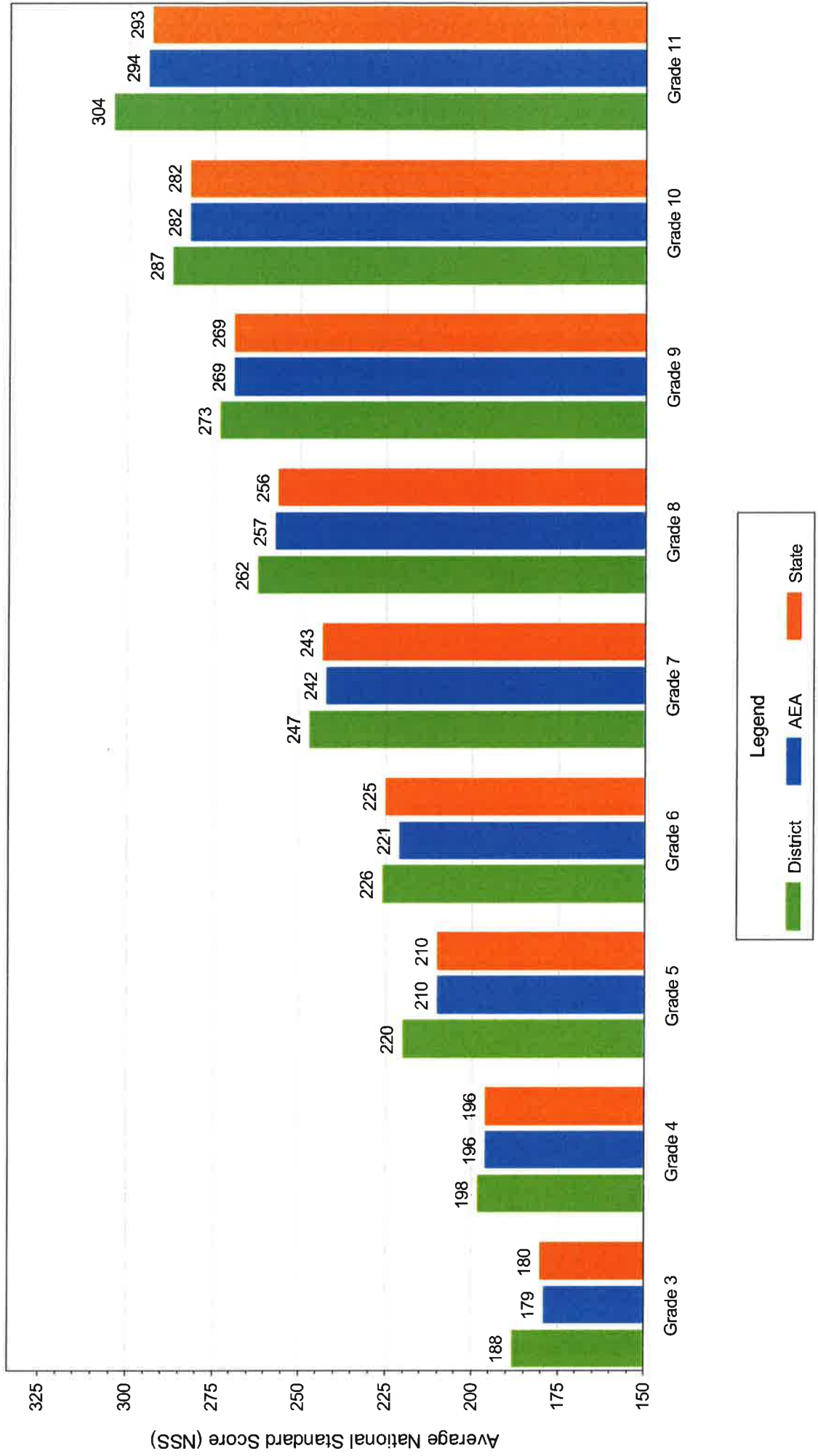


Figure 4
Mathematics: Percent Proficient by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018

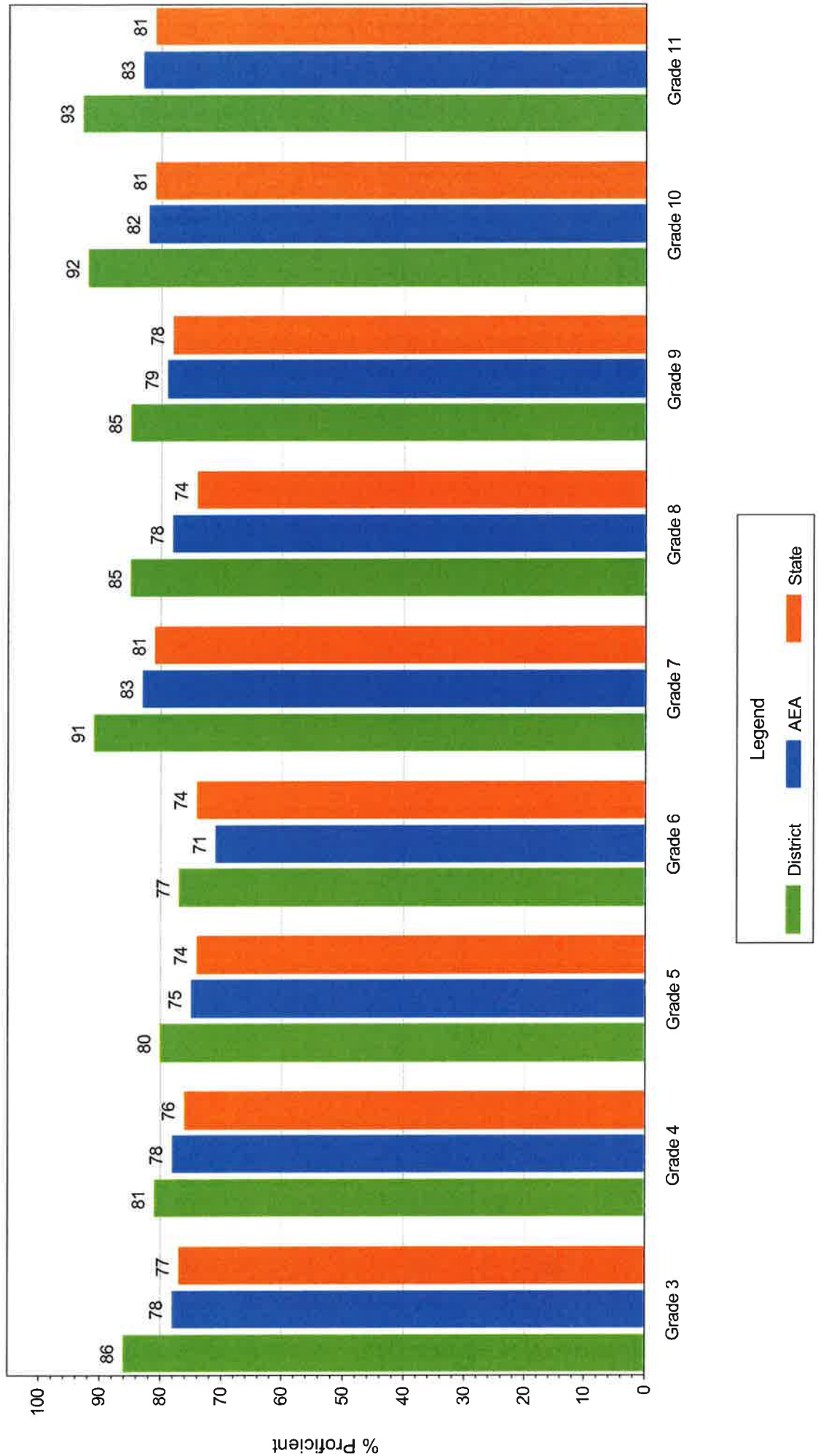


Figure 5
Science Snapshot: Average NSS by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018

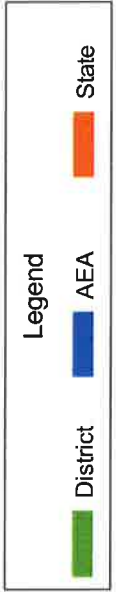
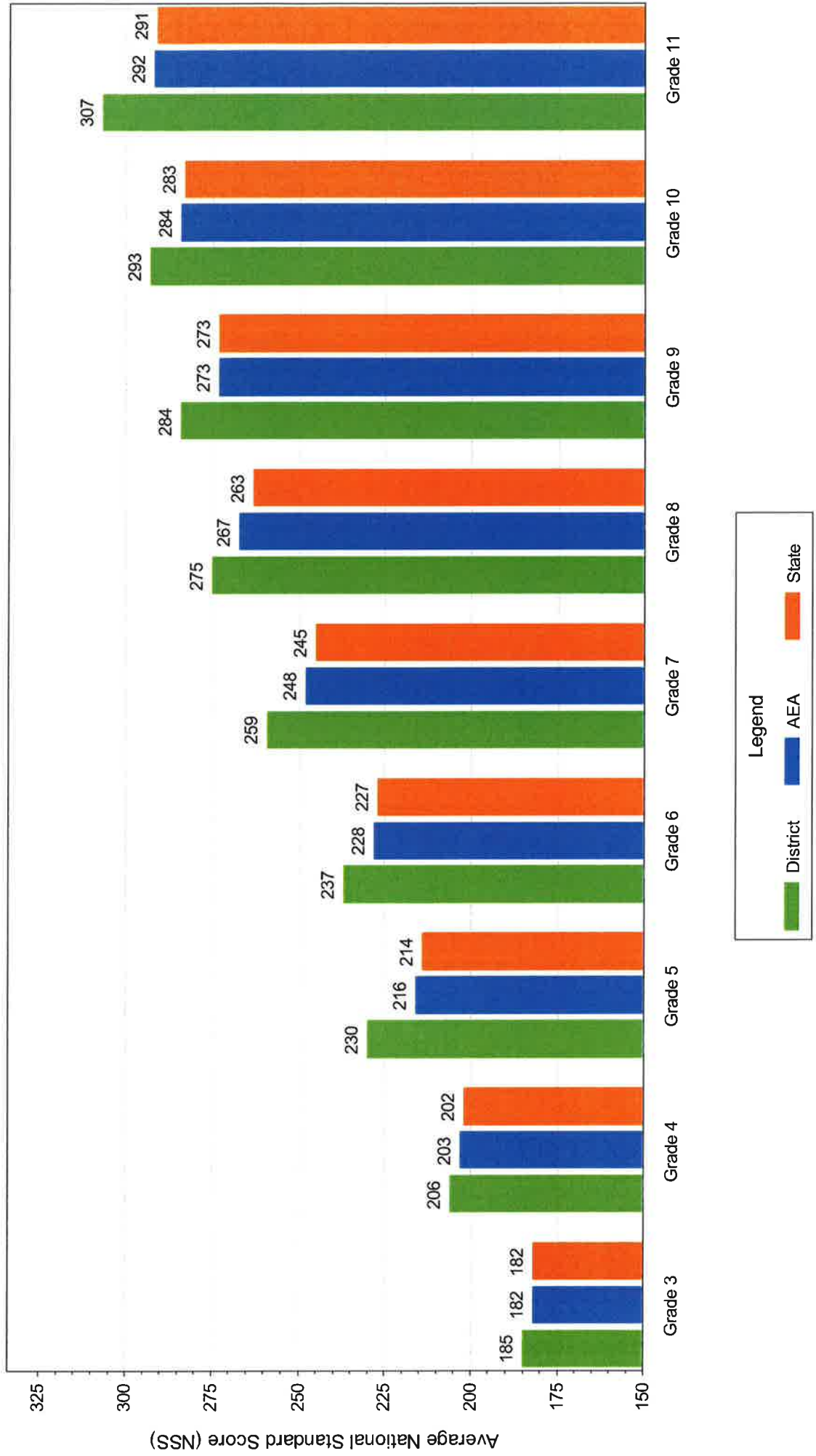


Figure 6
Science: Percent Proficient by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018

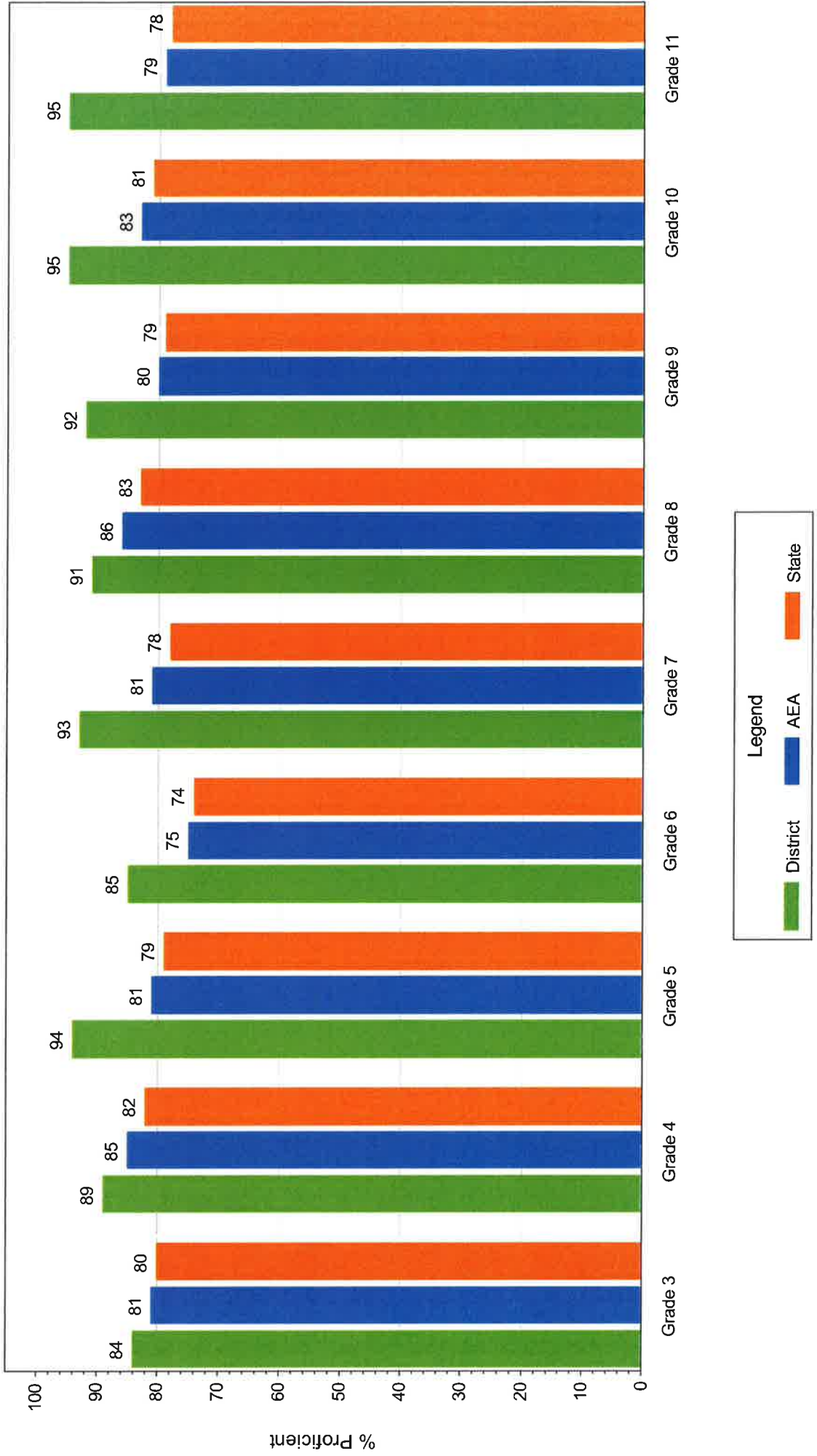
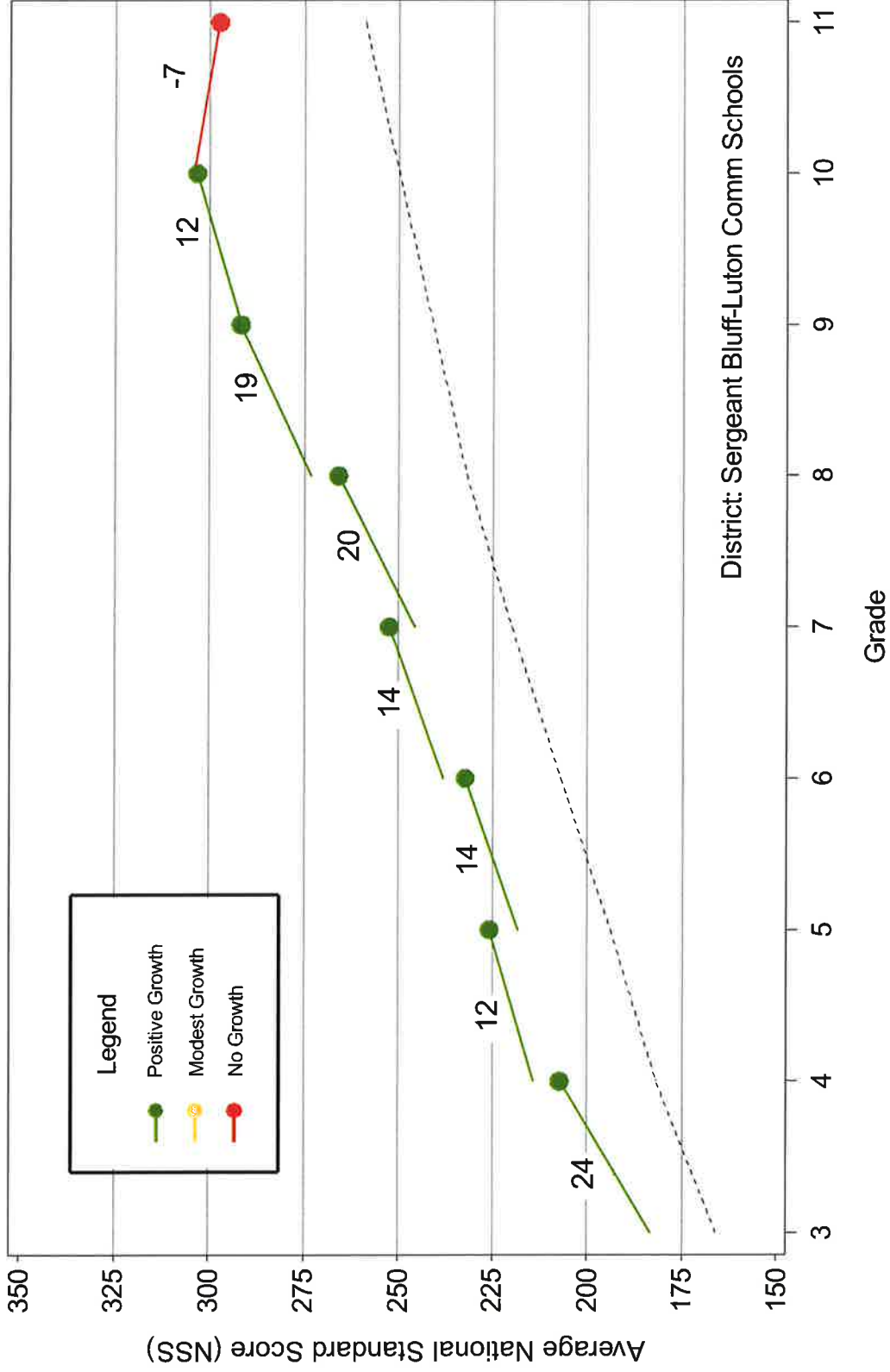
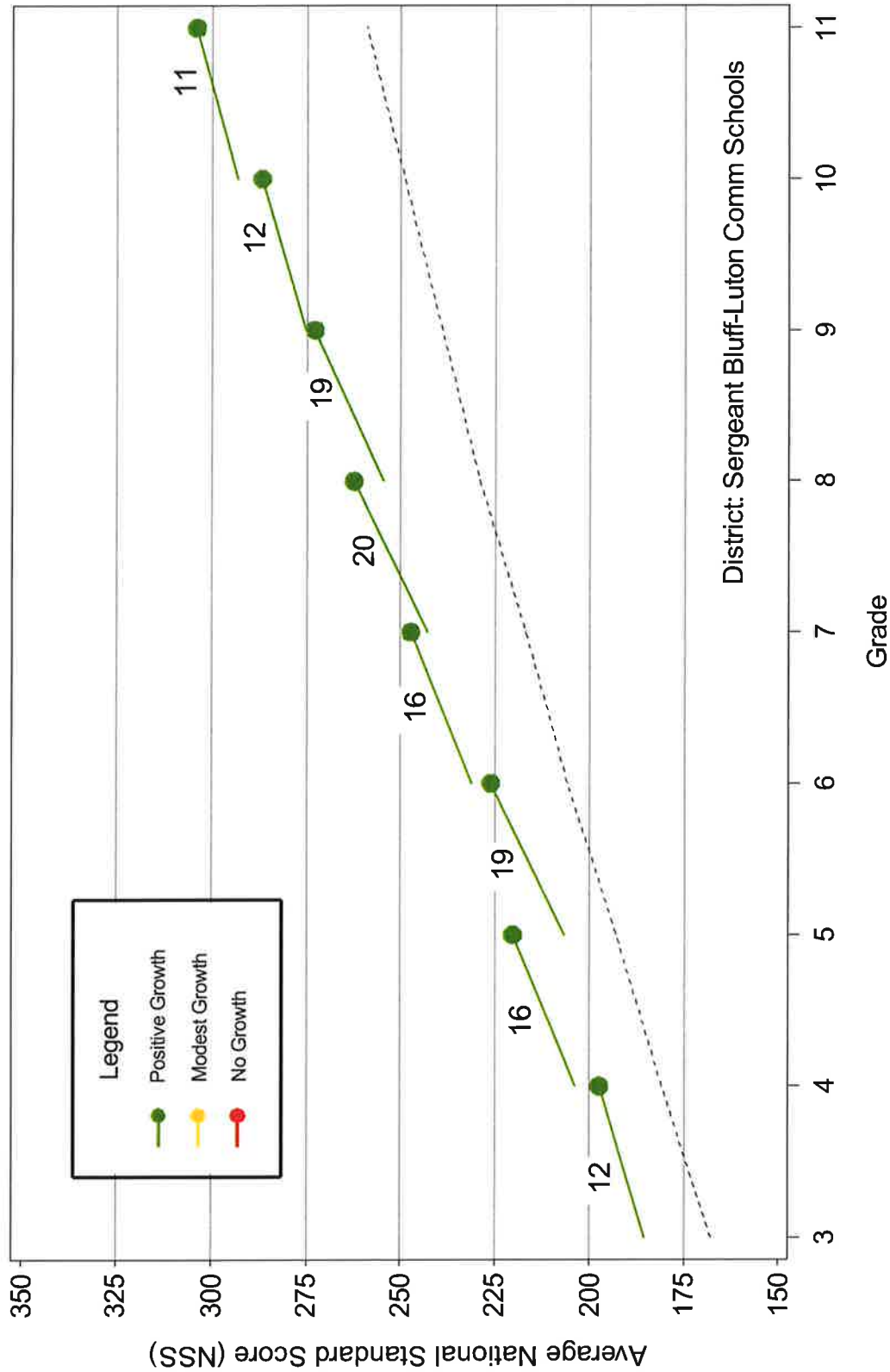


Figure 7
Cohort Growth in Reading
for the 2016-2017 to 2017-2018 School Years



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.

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 1
Domain Performance in Reading on the Iowa Core: Grades 3-8
Sergeant Bluff-Luton Comm Schools: 2017-2018

Iowa Core: Reading											
Grade 3 (n=94)						Grade 4 (n=130)					
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of 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	72%	69%	68%	26	68%	69%	68%			
Craft & Structure	11	70%	61%	61%	12	67%	66%	66%			
Integration of Knowledge & Ideas	02	73%	70%	69%	04	63%	63%	63%			
Total	41				42						
Grade 5 (n=143)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of 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	69%	68%	68%	25	66%	67%	68%			
Craft & Structure	15	71%	69%	69%	16	71%	69%	69%			
Integration of Knowledge & Ideas	04	70%	66%	66%	03	56%	55%	57%			
Total	43				44						
Grade 6 (n=115)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of 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	69%	68%	68%	25	66%	67%	68%			
Craft & Structure	15	71%	69%	69%	16	71%	69%	69%			
Integration of Knowledge & Ideas	04	70%	66%	66%	03	56%	55%	57%			
Total	43				44						
Grade 7 (n=130)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of 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	71%	66%	67%	27	71%	70%	69%			
Craft & Structure	14	70%	66%	67%	15	69%	68%	68%			
Integration of Knowledge & Ideas	04	59%	56%	58%	04	74%	72%	71%			
Total	45				46						
Grade 8 (n=121)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of 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	71%	66%	67%	27	71%	70%	69%			
Craft & Structure	14	70%	66%	67%	15	69%	68%	68%			
Integration of Knowledge & Ideas	04	59%	56%	58%	04	74%	72%	71%			
Total	45				46						

Table 2
Domain Performance in Reading on the Iowa Core: Grades 9-11
Sergeant Bluff-Luton Comm Schools: 2017-2018

<i>Iowa Core: Reading</i>		<i>Grade 9 (n=126)</i>				<i>Grade 10 (n=132)</i>			
		<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>		<i># of Points</i>	<i>Percent Correct</i>		<i>Iowa</i>
			<i>District</i>	<i>AEA</i>	<i>Iowa</i>		<i>District</i>	<i>AEA</i>	<i>Iowa</i>
Key Ideas & Details	21	71%	67%	68%	23	70%	64%	64%	64%
Craft & Structure	16	71%	66%	67%	13	77%	70%	70%	70%
Integration of Knowledge & Ideas	03	71%	62%	63%	04	79%	70%	70%	69%
Total	40				40				

<i>Grade 11 (n=115)</i>	
<i>Domain</i>	<i># of Points</i>
Key Ideas & Details	24
Craft & Structure	12
Integration of Knowledge & Ideas	04
Total	40

Table 3
Domain Performance in Mathematics on the Iowa Core: Grades 3-8
Sergeant Bluff-Luton Comm Schools: 2017-2018

Iowa Core: Mathematics											
Grade 3 (n=94)						Grade 4 (n=130)					
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Domain</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Iowa</i>
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>		
Operations & Algebraic Thinking	14	73%	67%	67%	17	Operations & Algebraic Thinking	66%	68%	68%	17	68%
Number & Operations in Base 10	06	67%	63%	62%	08	Number & Operations in Base 10	65%	64%	64%	08	64%
Number & Operations - Fractions	02	70%	74%	72%	02	Number & Operations - Fractions	59%	62%	63%	02	63%
Measurement & Data	22	71%	67%	67%	22	Measurement & Data	69%	68%	68%	22	68%
Geometry	06	65%	60%	60%	06	Geometry	56%	56%	54%	06	54%
Total	50				Total					55	
Grade 5 (n=143)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Domain</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Iowa</i>
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>		
Operations & Algebraic Thinking	15	69%	66%	66%	05	Ratios & Proportional Relationships	53%	48%	51%	05	51%
Number & Operations in Base 10	11	69%	61%	61%	19	The Number System	60%	58%	61%	19	61%
Number & Operations - Fractions	02	57%	54%	54%	09	Expressions & Equations	65%	63%	64%	09	64%
Measurement & Data	23	70%	68%	68%	14	Geometry	55%	55%	57%	14	57%
Geometry	09	65%	56%	55%	09	Statistics & Probability	62%	61%	60%	09	60%
Total	60				Total					65	
Grade 6 (n=115)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Domain</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Iowa</i>
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>		
Ratios & Proportional Relationships	09	65%	61%	63%	16	The Number System	66%	63%	61%	16	61%
The Number System	17	66%	63%	63%	20	Expressions & Equations	67%	64%	63%	20	63%
Expressions & Equations	10	66%	64%	63%	02	Functions	54%	54%	50%	02	50%
Geometry	15	52%	51%	52%	17	Geometry	53%	51%	51%	17	51%
Statistics & Probability	10	52%	49%	49%	12	Statistics & Probability	65%	63%	62%	12	62%
Mathematical Practices, Measurement	09	72%	69%	70%	08	Mathematical Practices, Measurement	55%	55%	55%	08	55%
Total	70				Total					75	
Grade 7 (n=129)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Domain</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Iowa</i>
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>		
Ratios & Proportional Relationships	09	65%	61%	63%	16	The Number System	66%	63%	61%	16	61%
The Number System	17	66%	63%	63%	20	Expressions & Equations	67%	64%	63%	20	63%
Expressions & Equations	10	66%	64%	63%	02	Functions	54%	54%	50%	02	50%
Geometry	15	52%	51%	52%	17	Geometry	53%	51%	51%	17	51%
Statistics & Probability	10	52%	49%	49%	12	Statistics & Probability	65%	63%	62%	12	62%
Mathematical Practices, Measurement	09	72%	69%	70%	08	Mathematical Practices, Measurement	55%	55%	55%	08	55%
Total	70				Total					75	
Grade 8 (n=123)											
<i>Domain</i>	<i># of Points</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Domain</i>	<i>Percent Correct</i>			<i># of Points</i>	<i>Iowa</i>
		<i>District</i>	<i>AEA</i>	<i>Iowa</i>			<i>District</i>	<i>AEA</i>	<i>Iowa</i>		
Ratios & Proportional Relationships	09	65%	61%	63%	16	The Number System	66%	63%	61%	16	61%
The Number System	17	66%	63%	63%	20	Expressions & Equations	67%	64%	63%	20	63%
Expressions & Equations	10	66%	64%	63%	02	Functions	54%	54%	50%	02	50%
Geometry	15	52%	51%	52%	17	Geometry	53%	51%	51%	17	51%
Statistics & Probability	10	52%	49%	49%	12	Statistics & Probability	65%	63%	62%	12	62%
Mathematical Practices, Measurement	09	72%	69%	70%	08	Mathematical Practices, Measurement	55%	55%	55%	08	55%
Total	70				Total					75	

Table 4
Domain Performance in Mathematics on the Iowa Core: Grades 9-11
Sergeant Bluff-Luton Comm Schools: 2017-2018

Iowa Core: Mathematics									
Grade 9 (n=126)					Grade 10 (n=132)				
Domain	# of Points	Percent Correct		Iowa	Domain	# of Points	Percent Correct		Iowa
		District	AEA				District	AEA	
Number & Quantity	17	49%	50%	50%	Number & Quantity	14	54%	52%	52%
Algebra	07	51%	50%	49%	Algebra	09	52%	54%	54%
Functions	02	64%	59%	56%	Functions	02	54%	52%	52%
Geometry	08	48%	49%	50%	Geometry	08	50%	50%	52%
Statistics & Probability	06	51%	53%	53%	Statistics & Probability	07	54%	55%	55%
Total	40				Total	40			

Grade 11 (n=115)									
Domain	# of Points	Percent Correct		Iowa	Domain	# of Points	Percent Correct		Iowa
		District	AEA				District	AEA	
Number & Quantity	12	57%	52%	52%	Number & Quantity	12	57%	52%	52%
Algebra	10	58%	56%	54%	Algebra	10	58%	56%	54%
Functions	02	59%	48%	42%	Functions	02	59%	48%	42%
Geometry	08	48%	47%	47%	Geometry	08	48%	47%	47%
Statistics & Probability	08	61%	59%	59%	Statistics & Probability	08	61%	59%	59%
Total	40				Total	40			



**Iowa
Growth**

Iowa Growth Report 2017-2018

Sergeant Bluff-Luton Comm Schools
(5877)



Iowa Testing Programs
Created on 08/22/2018

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 2017-2018 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. $\text{GainScore} = (\text{NSS_Year2} - \text{NSS_Year1})$.

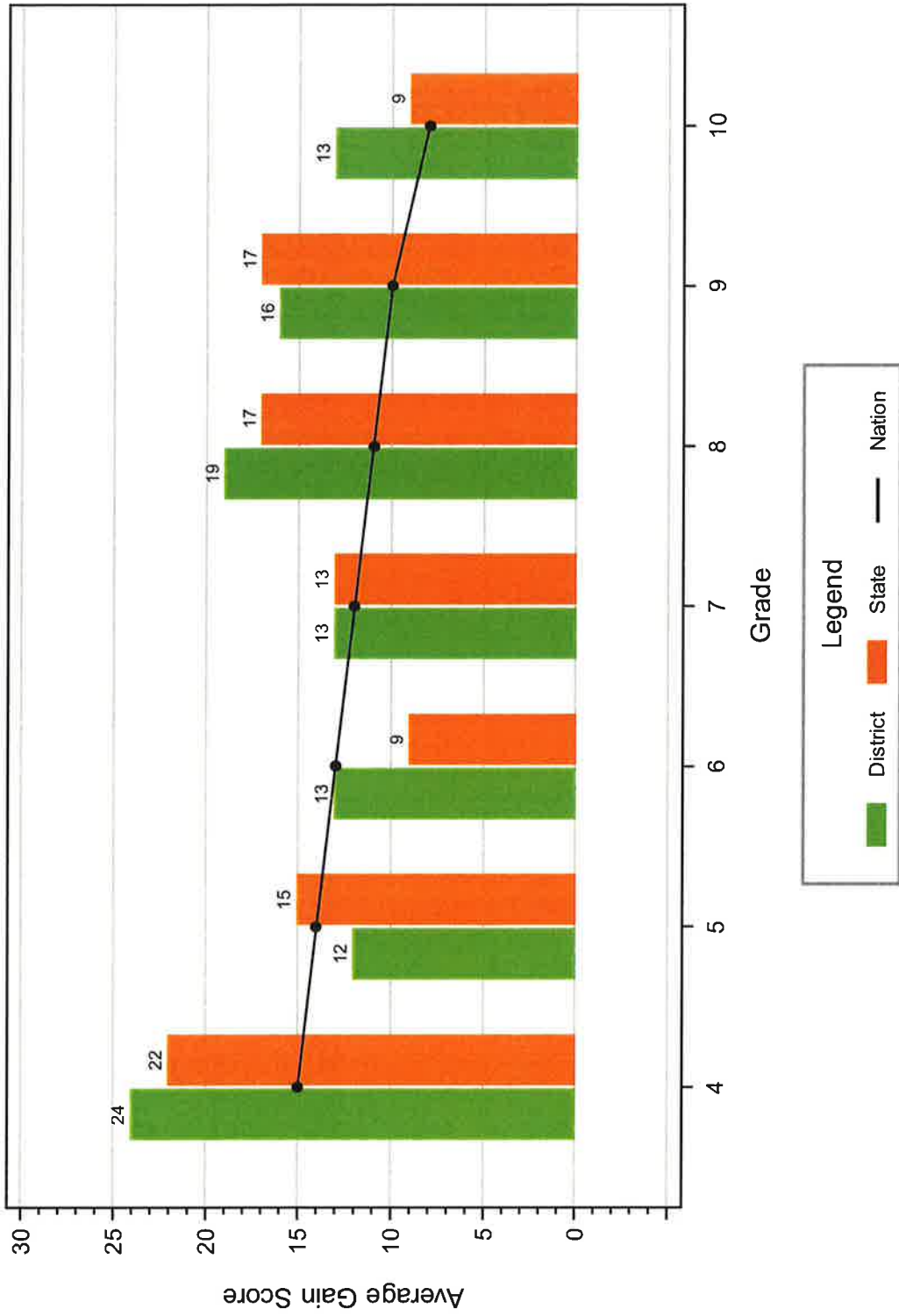
**Iowa
Growth**

Table 1
Average Gain Scores for Reading, Mathematics, and Science
Sergeant Bluff-Luton Comm Schools: 2017-2018

Grade	District Size	Reading			Mathematics			Science		
		District	State	Nation	District	State	Nation	District	State	Nation
4	111	24	22	15	13	16	15	22	20	15
5	134	12	15	14	17	13	14	10	9	14
6	104	13	9	13	16	13	13	13	12	13
7	124	13	13	12	15	16	12	17	19	12
8	111	19	17	11	18	11	11	20	17	11
9	119	16	17	10	14	12	10	4	9	10
10	121	13	9	8	12	13	8	7	9	8

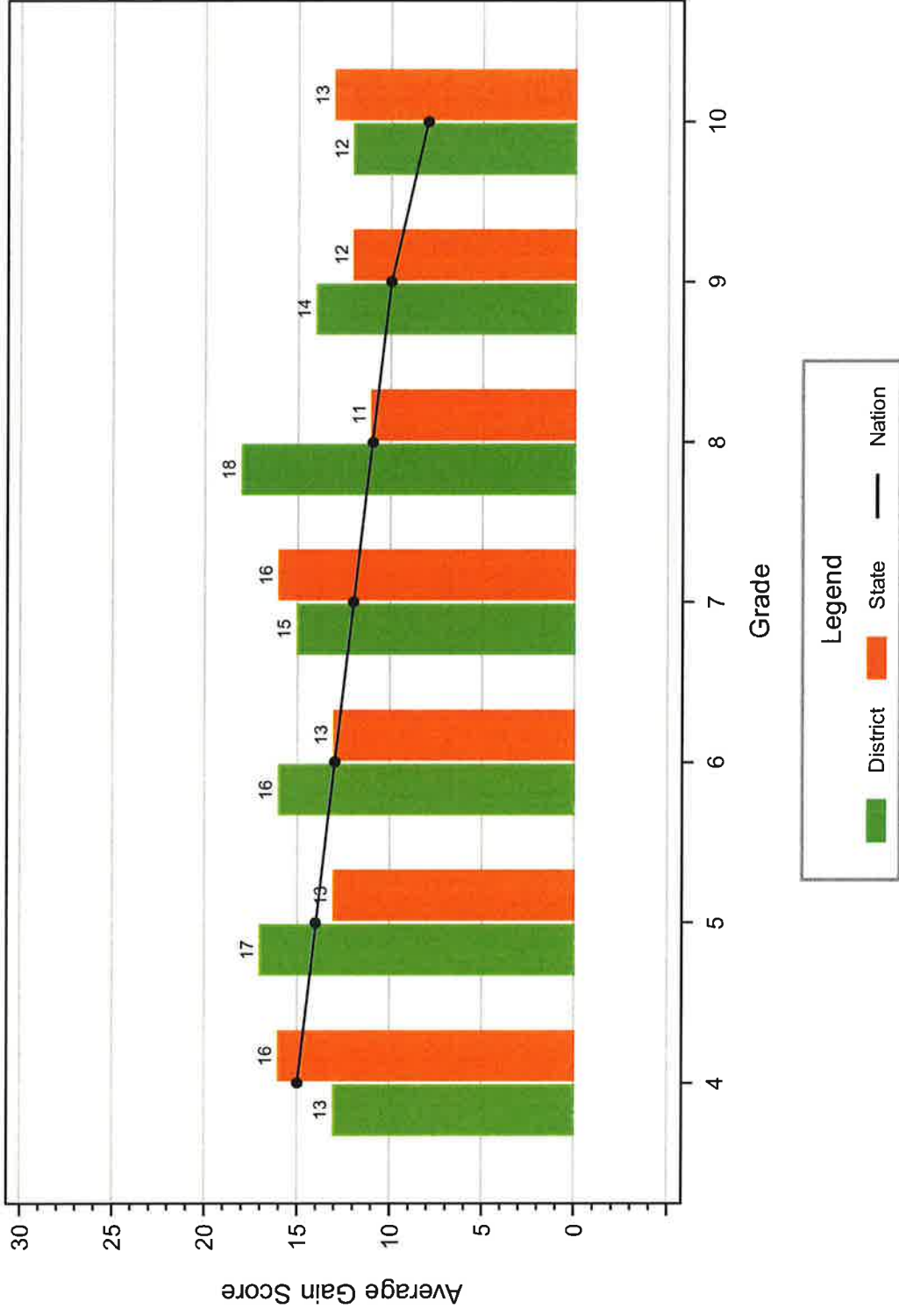
lowa
Growth

Figure 1
Reading: Average Gain Scores by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018



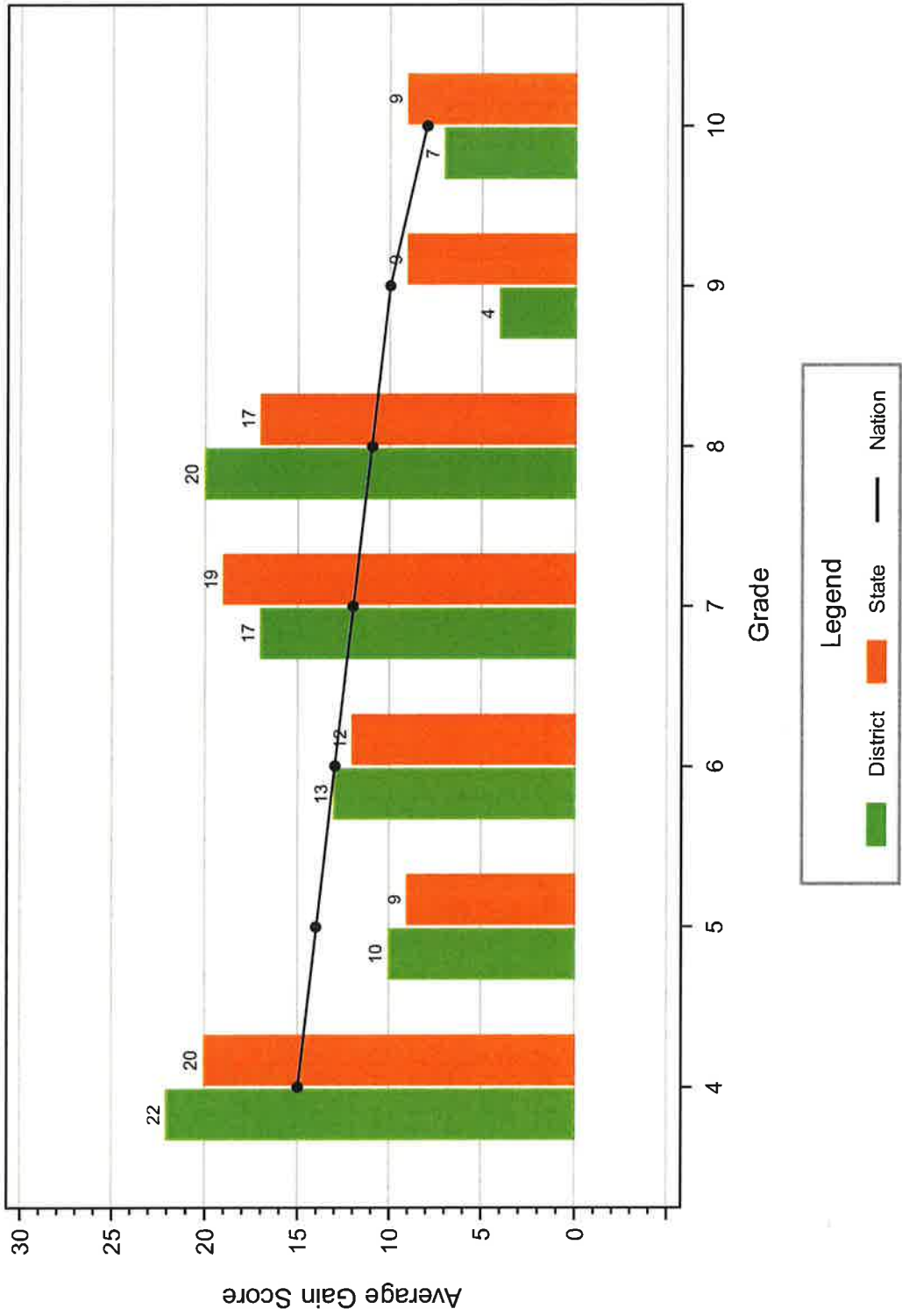
Iowa
Growth

Figure 2
Mathematics: Average Gain Scores by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018



lowa
Growth

Figure 3
Science: Average Gain Scores by Grade
Sergeant Bluff-Luton Comm Schools: 2017-2018



lowa
Growth