Work Session

Tuesday, October 25, 2022 5:30 PM
NES Library, 1057 E 5th Ave, Nome, Alaska 99762

A. **Call to Order**
B. **Items for Discussion**
1. Student Assessment Results
C. **Upcoming Events:**
   - **Tuesday, November 8, Regular Meeting, 5:30 pm, NES Library/Zoom**
   - **Tuesday, December 13, Regular Meeting, 5:30 pm, NES Library/Zoom**
   - **Tuesday, December 27, Work Session, 5:30 pm, NES Library**
D. **Adjournment**

NPS STUDENT ACHIEVEMENT DATA PRESENTATION

October 25, 2022 Work Session

NAEP (National Assessment of Educational Progress)

- Refer to handouts in packet
- 4th Grade Math – decline compared to 2019 (pre-pandemic), average score of 226 below national average of 235
- 8th Grade Math – decline compared to 2019 (pre-pandemic), average score slightly below national average
- 4th Grade Reading – no significant decline compared to 2019 (pre-pandemic), average score of 204 below national average of 216
- 8th Grade Reading – no significant decline compared to 2019 (pre-pandemic), average score of 253 below national average of 259

NAEP (National Assessment of Educational Progress)

- AK Natives/American Indians scored the lowest on average of all ethnic groups
- Males only outscored females on Grade 8 Math
- Higher poverty schools (as measured by eligibility for free/reduced lunch) scored lower than lower poverty schools

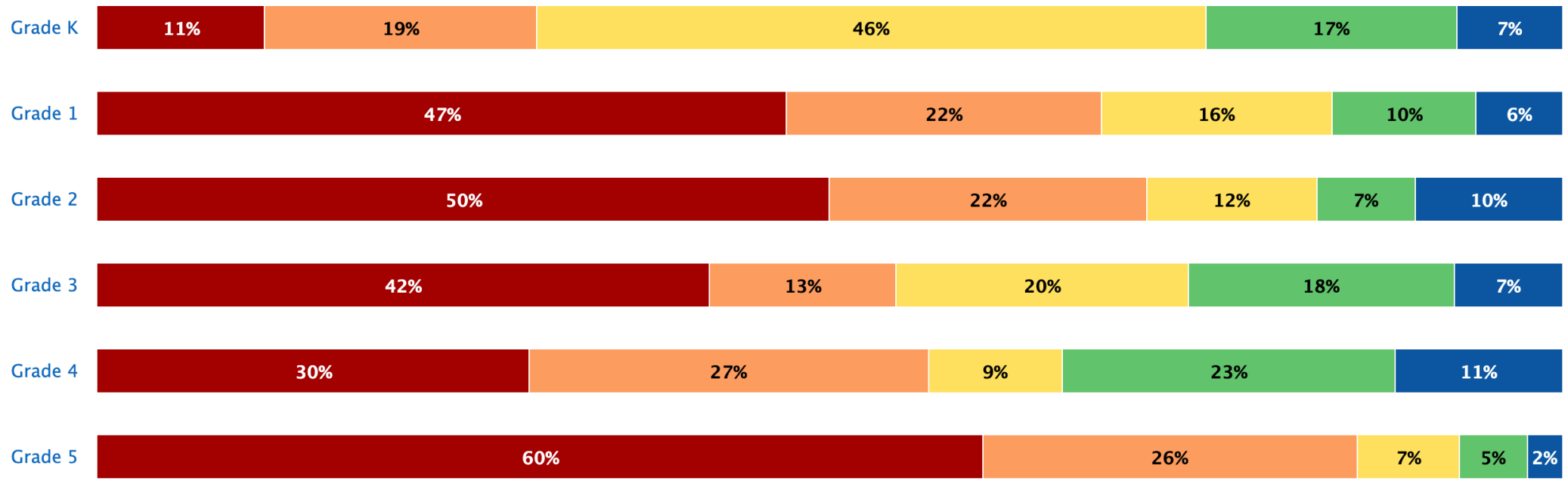
MAP (Measures of Academic Progress) Growth Tests

- Reading given K-10, Math K-10, Language Usage 2-10
- Challenges at NBMHS with absenteeism, test refusals, students not taking testing seriously
- New this year – Projected proficiency on AK Star test

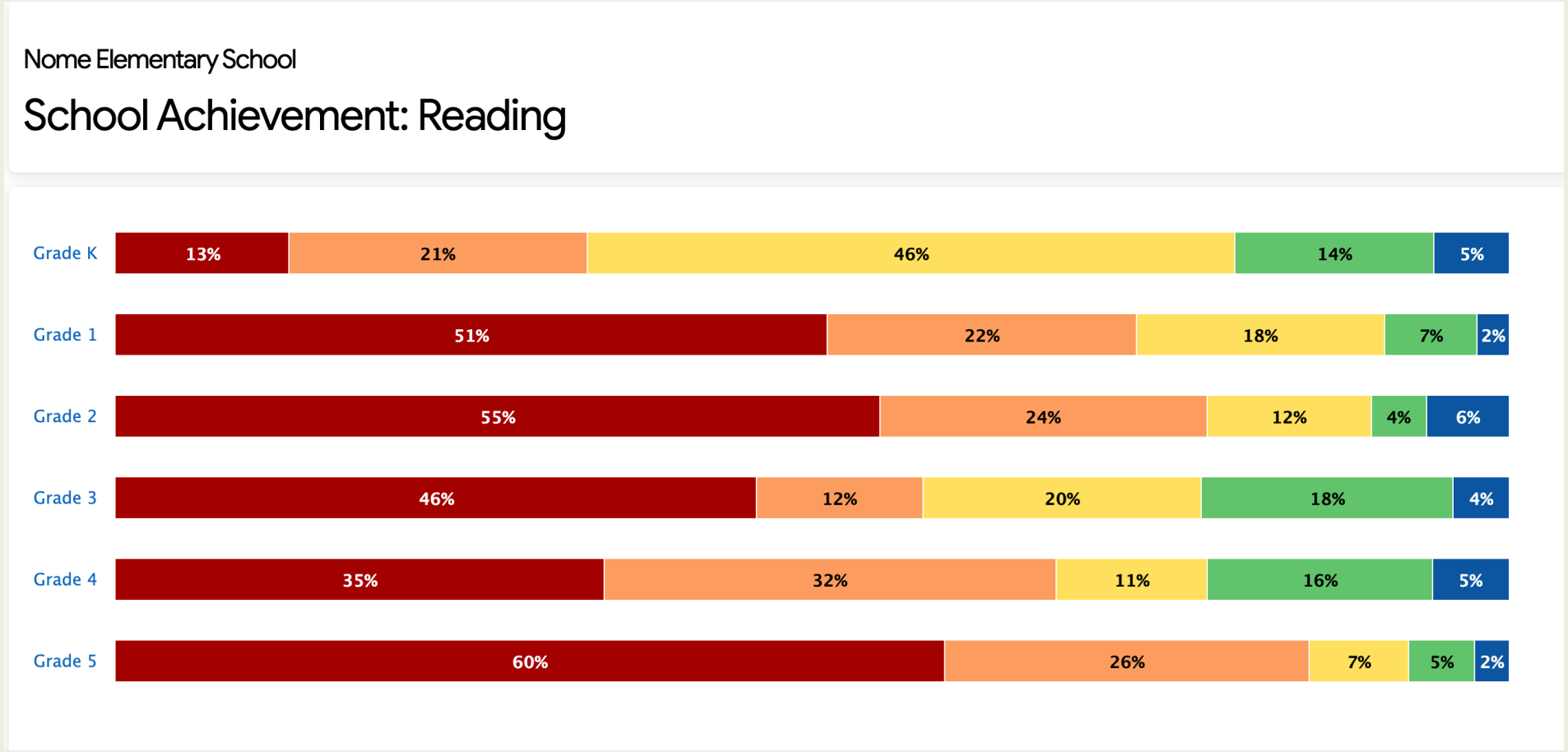
MAP Fall 2022 – NES Reading

Nome Elementary School

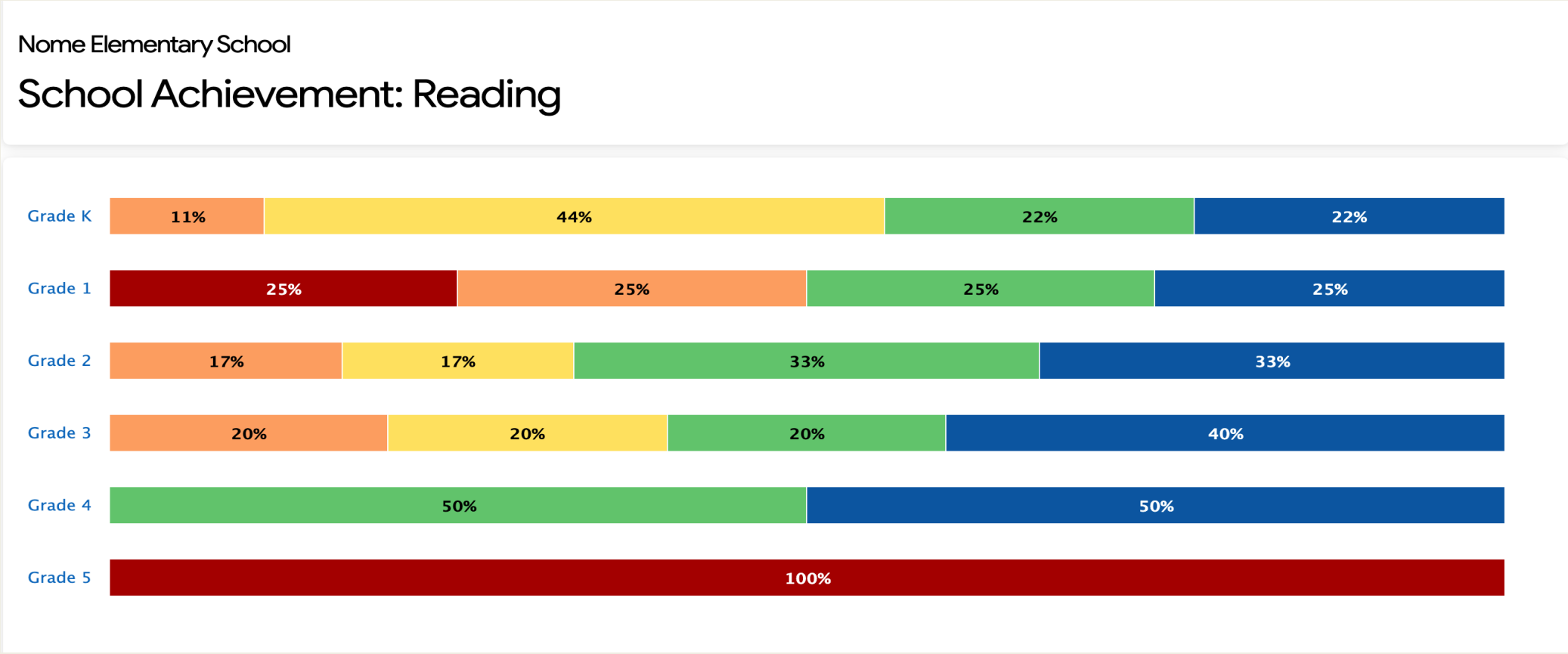
School Achievement: Reading



MAP Fall 2022 – NES Reading – AK Native



MAP Fall 2022 – NES Reading - White

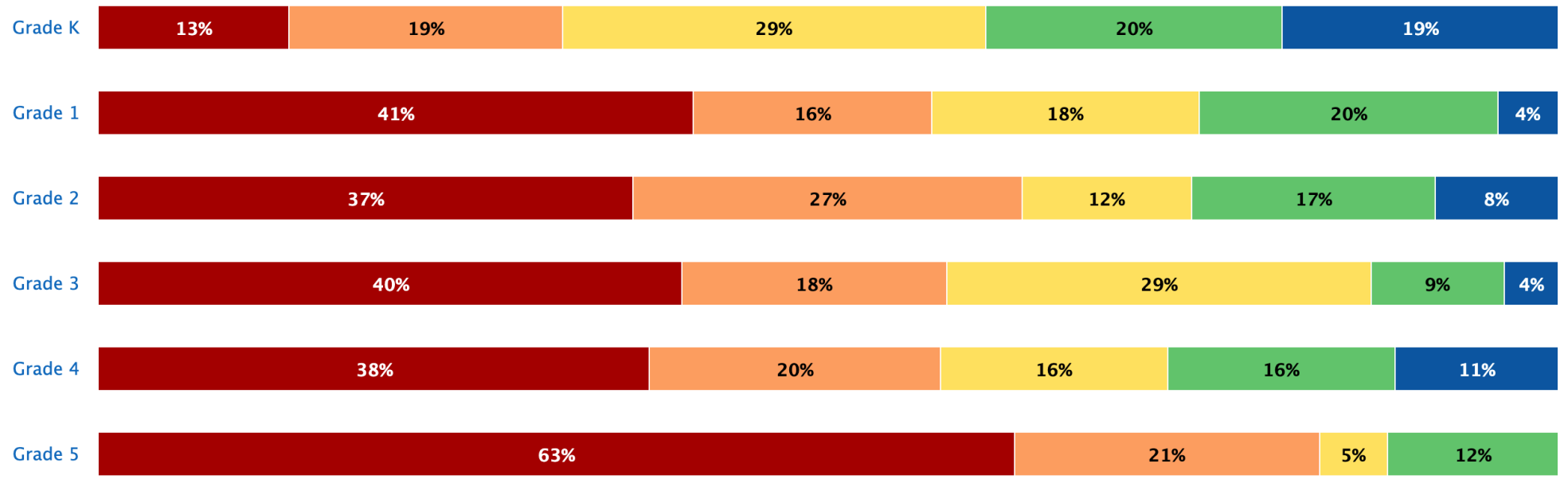


Small numbers of students in most grade levels

MAP Fall 2022 – NES Math

Nome Elementary School

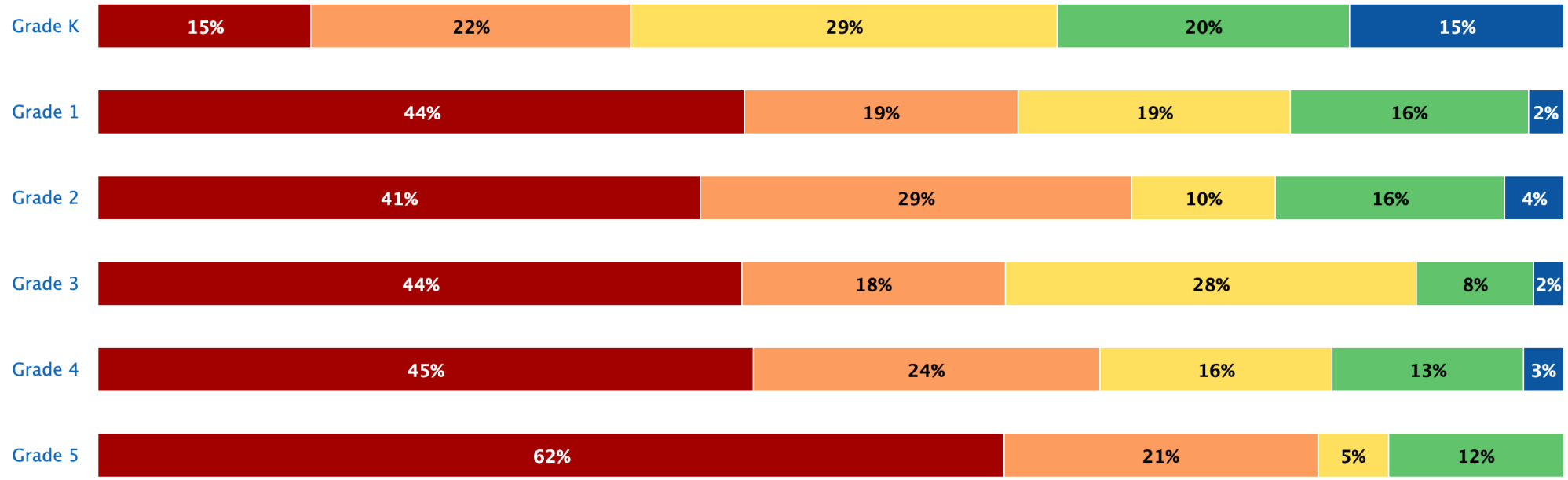
School Achievement: Math K-12



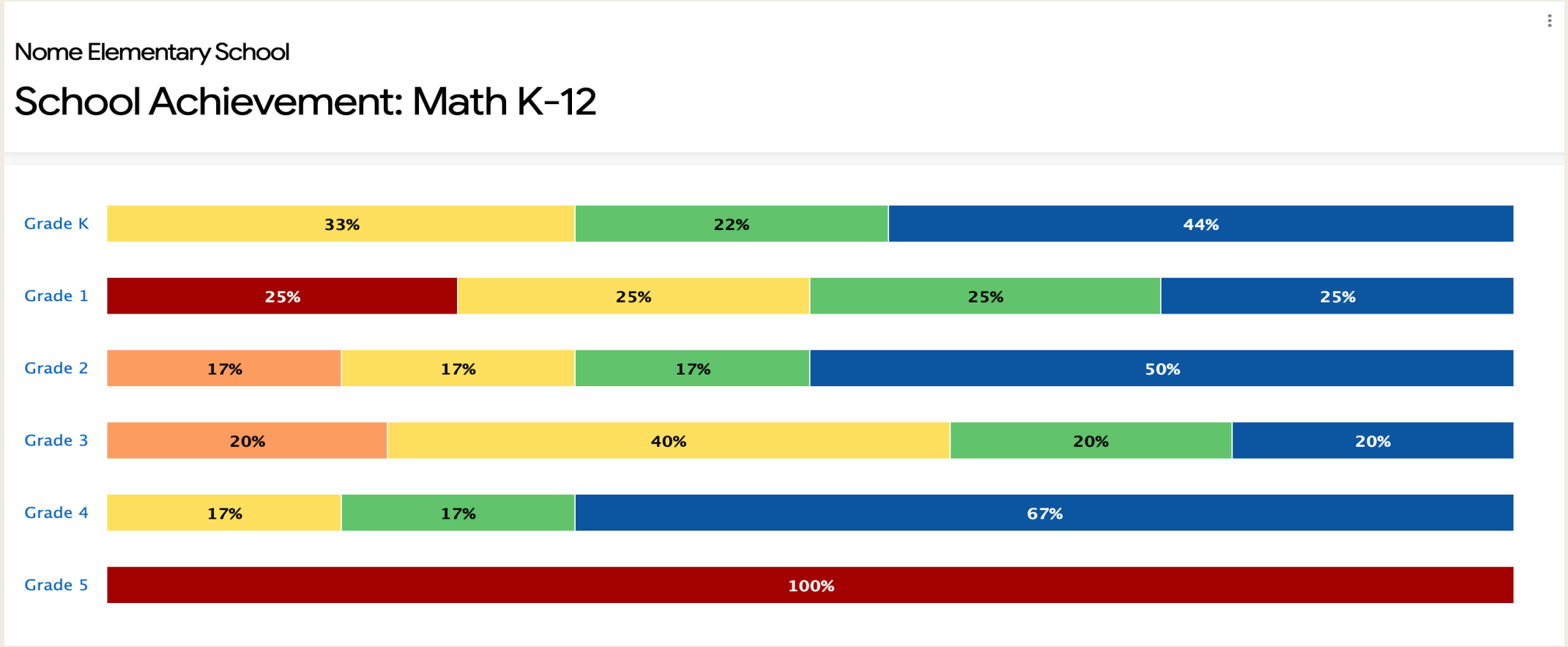
MAP Fall 2022 – NES Math – AK Native

Nome Elementary School

School Achievement: Math K-12

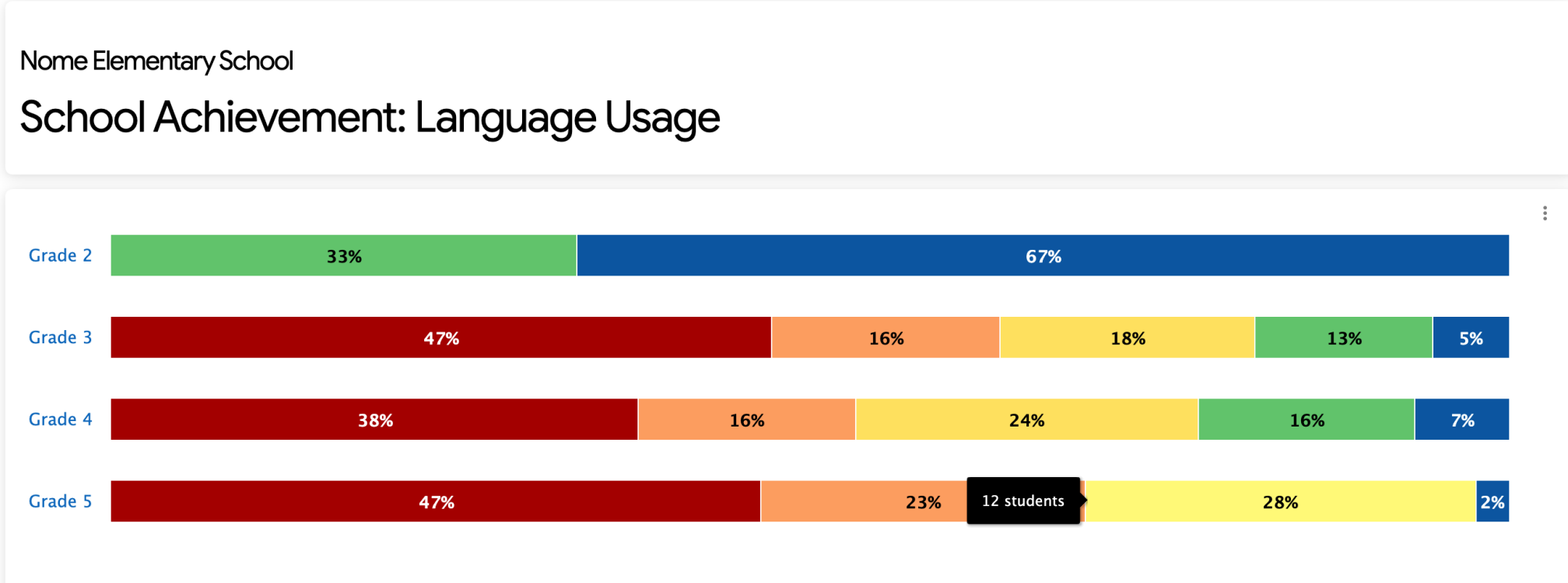


MAP Fall 2022 – NES Math - White



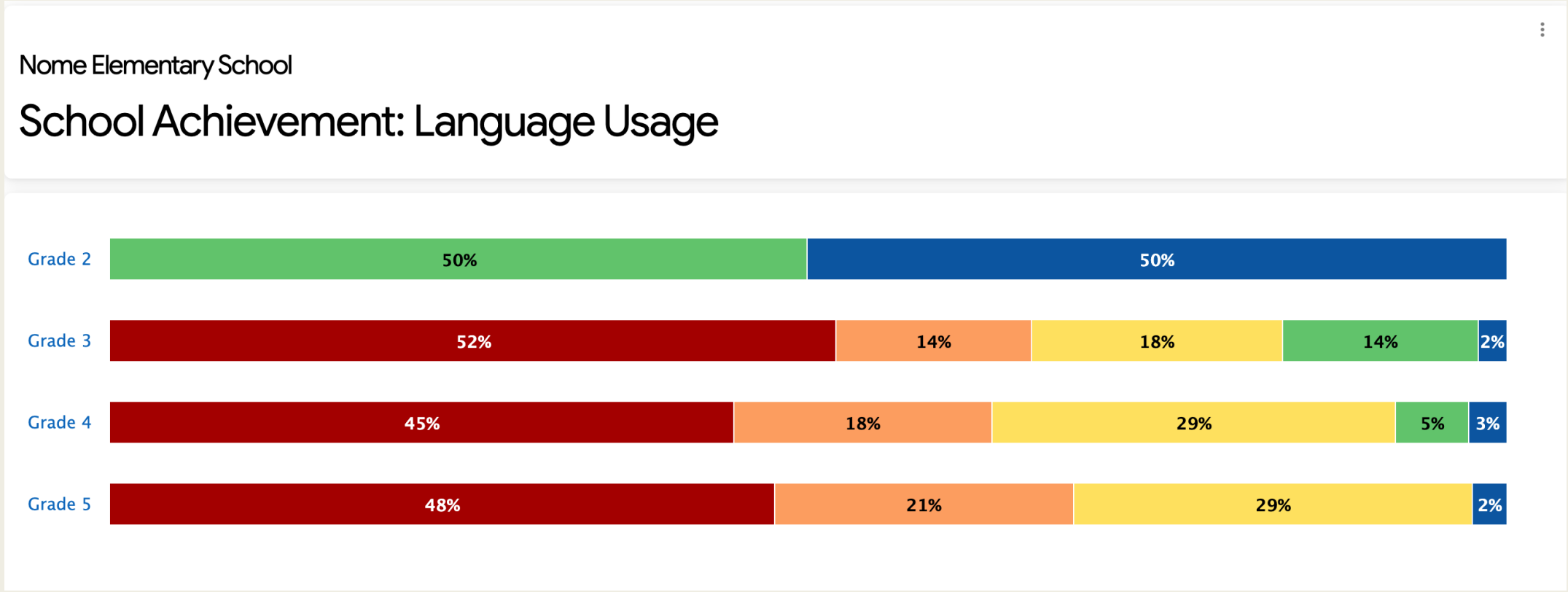
Small numbers of students in each grade

MAP Fall 2022 – NES Language Usage



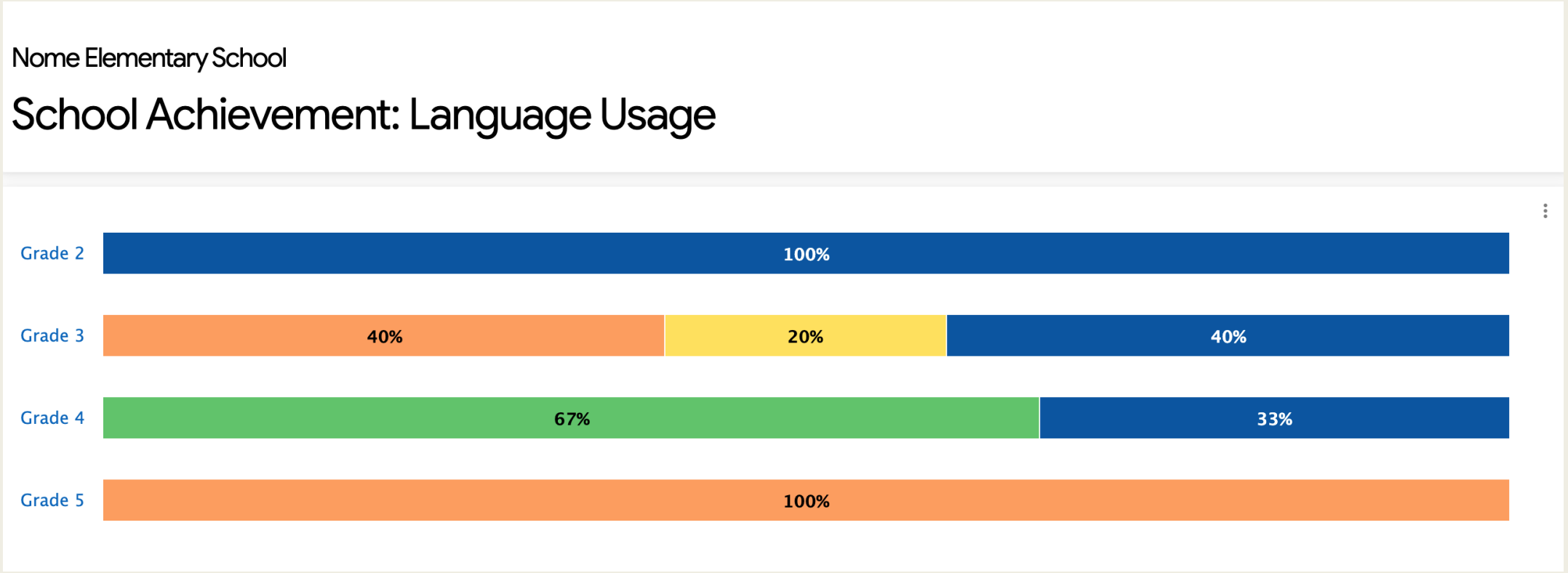
Grade 2 tests only given to 3 students

MAP Fall 2022 – NES Language Usage – AK Native



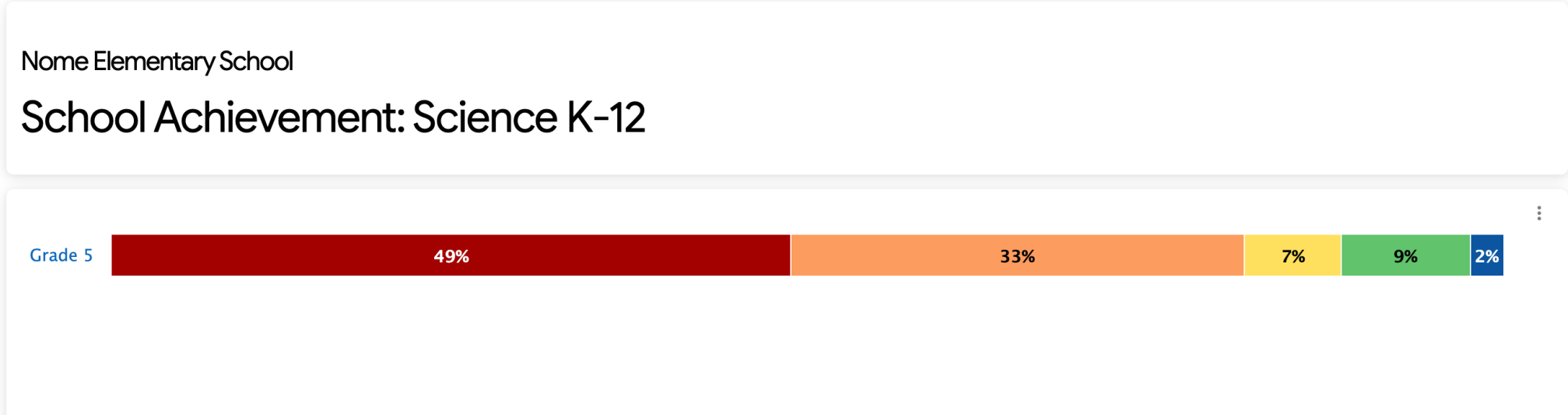
Small numbers of students in each grade level

MAP Fall 2022 – NES Language Usage - White

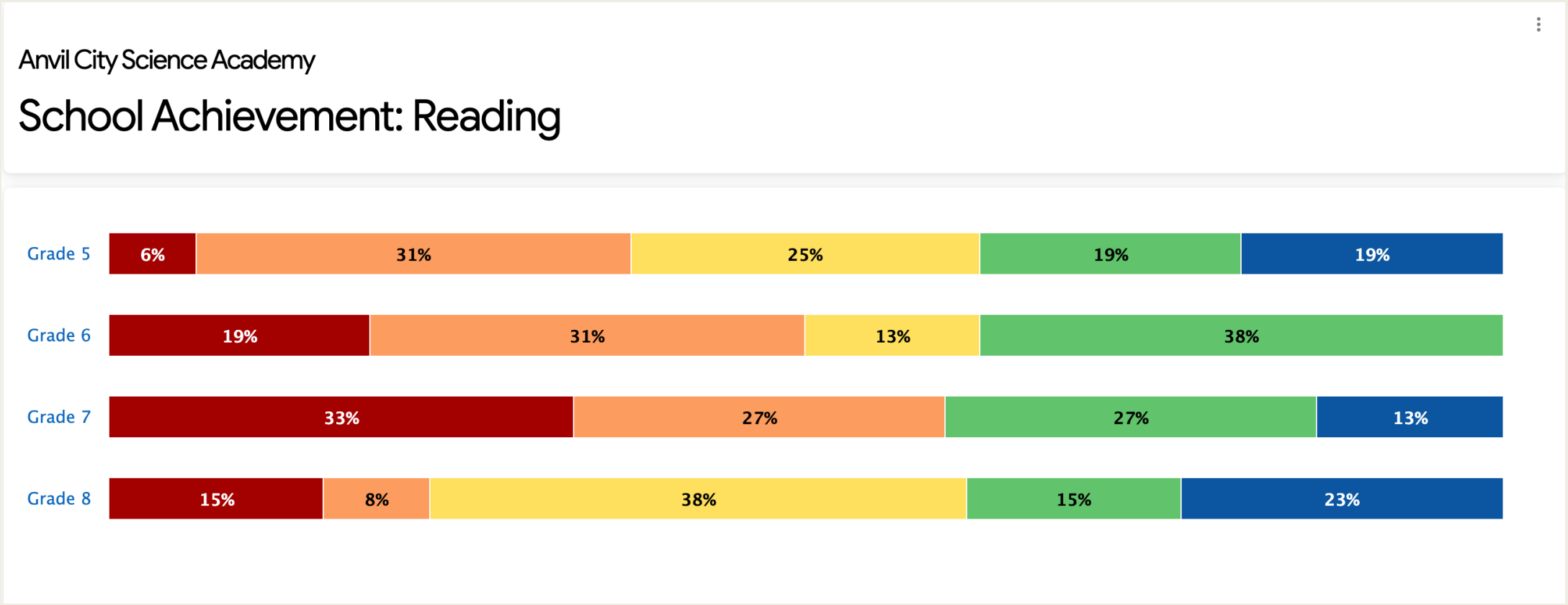


Small numbers of students in each grade level

MAP Fall 2022 – Science Grade 5



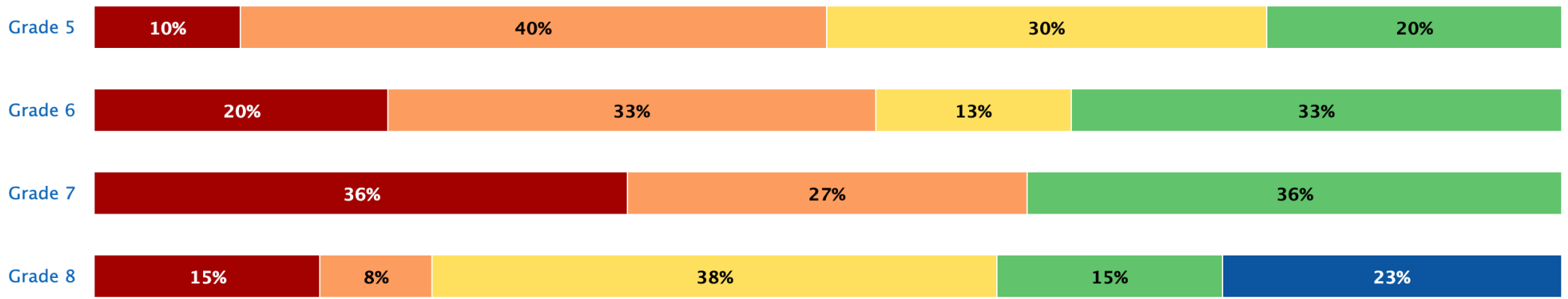
MAP Fall 2022 – ACSA Reading



MAP Fall 2022 – ACSA Reading – AK Native

Anvil City Science Academy

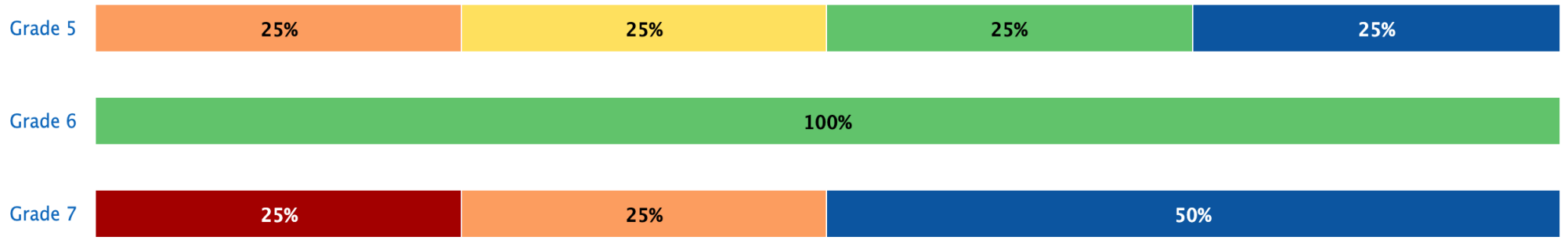
School Achievement: Reading



MAP Fall 2022 – ACSA Reading - White

Anvil City Science Academy

School Achievement: Reading

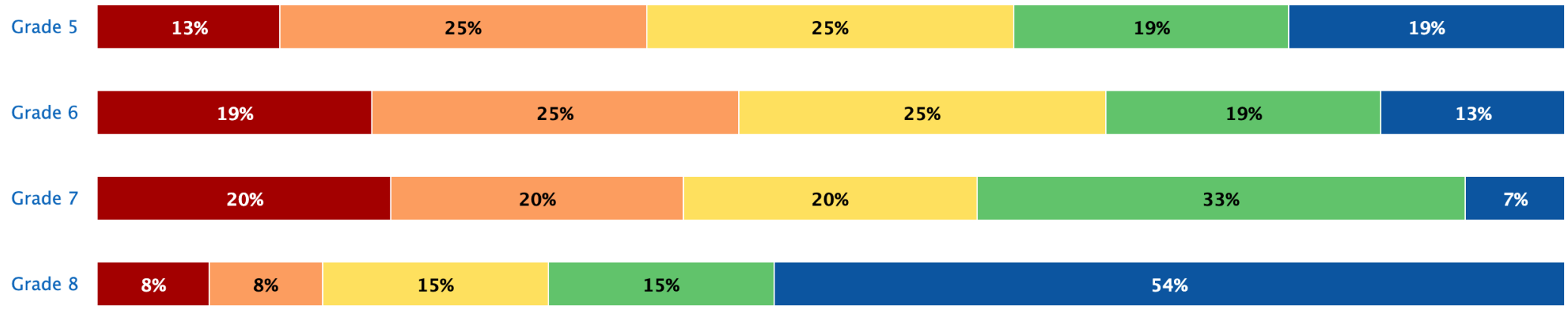


Small numbers of students in each grade level

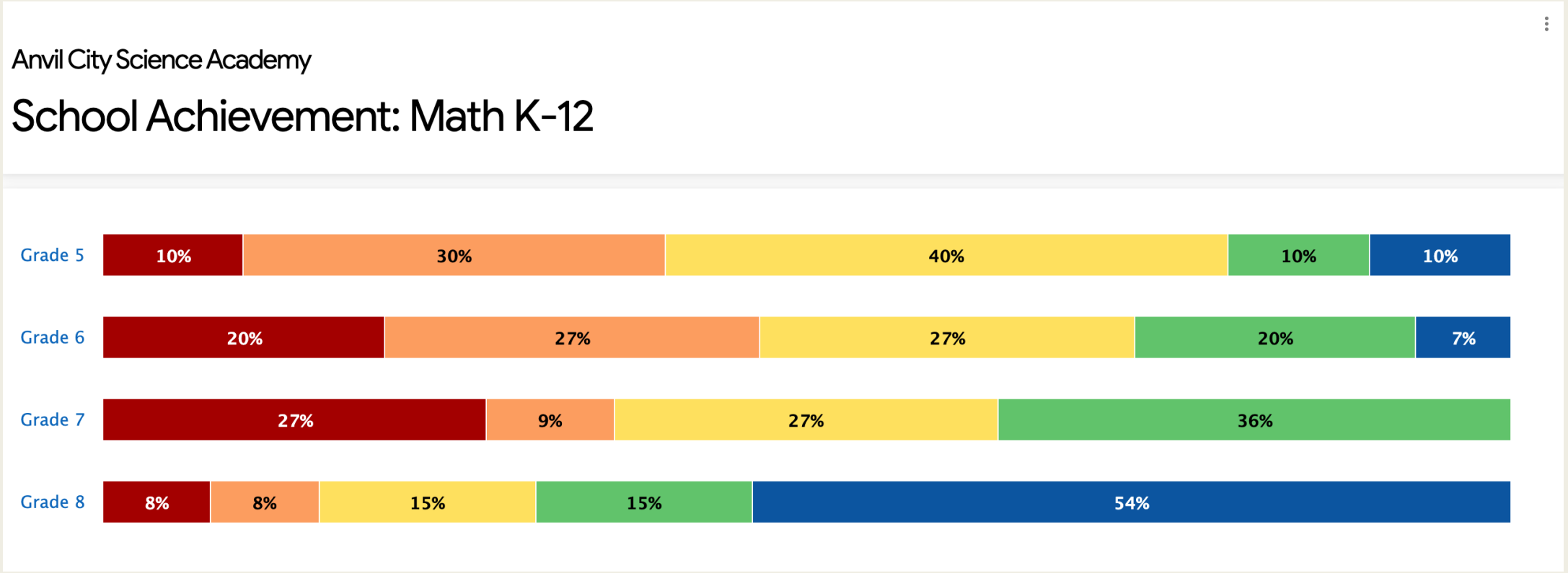
MAP Fall 2022 – ACSA Math

Anvil City Science Academy

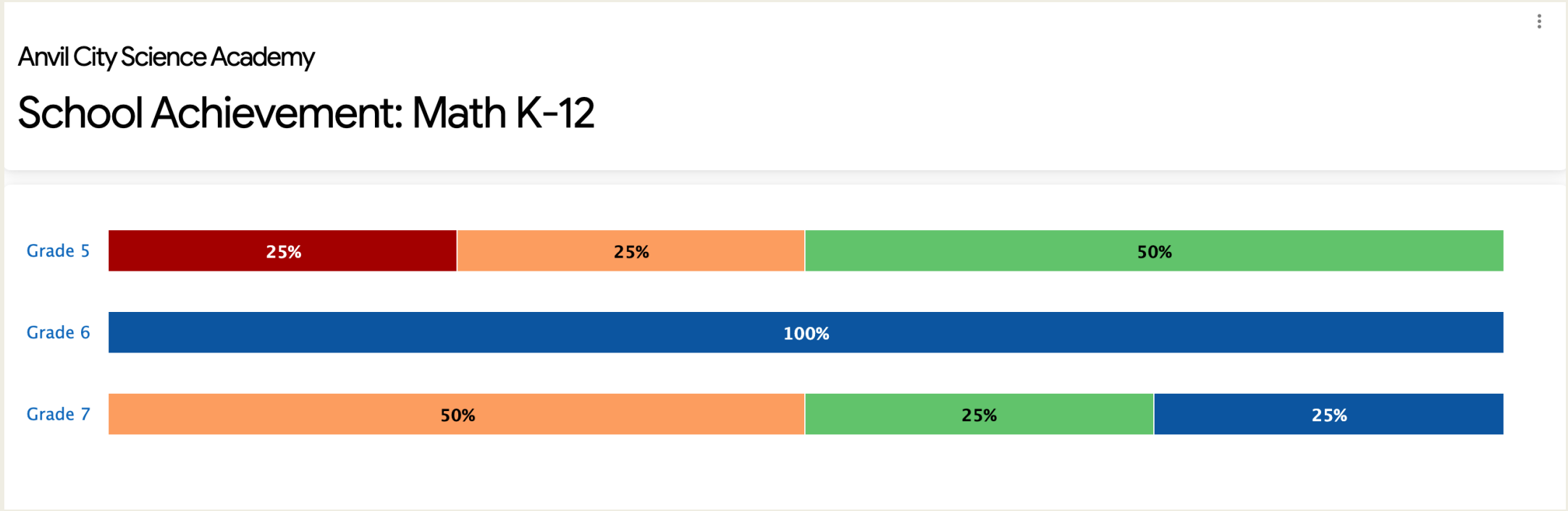
School Achievement: Math K-12



MAP Fall 2022 – ACSA Math – AK Native



MAP Fall 2022 – ACSA Math - White

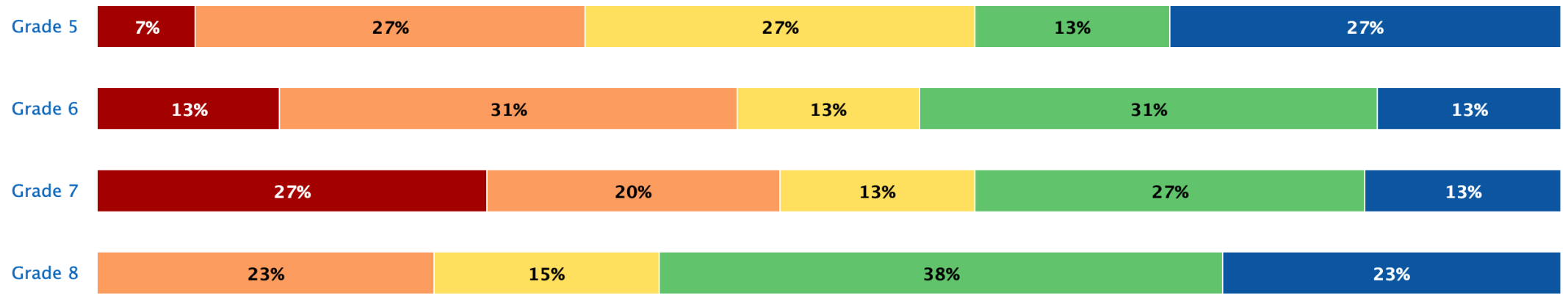


Small numbers in each grade level

MAP Fall 2022 – ACSA Language Usage

Anvil City Science Academy

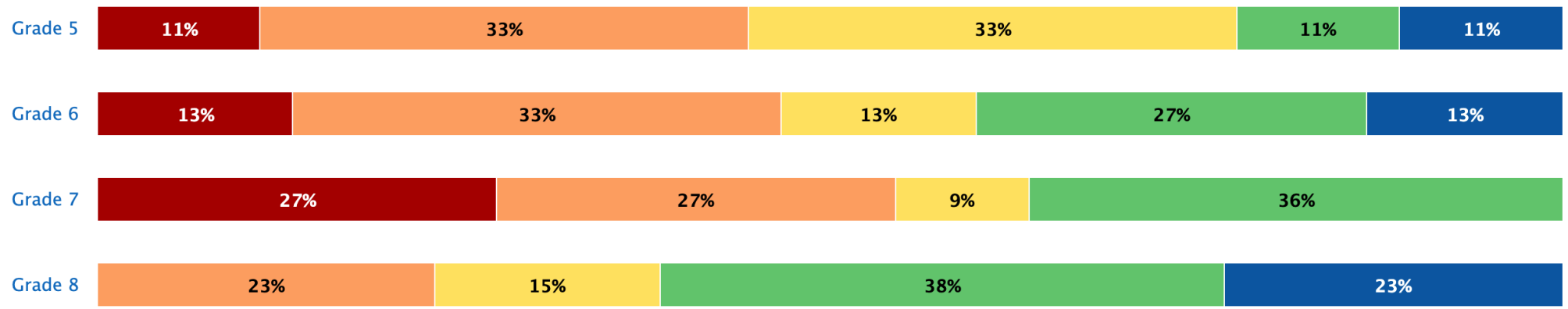
School Achievement: Language Usage



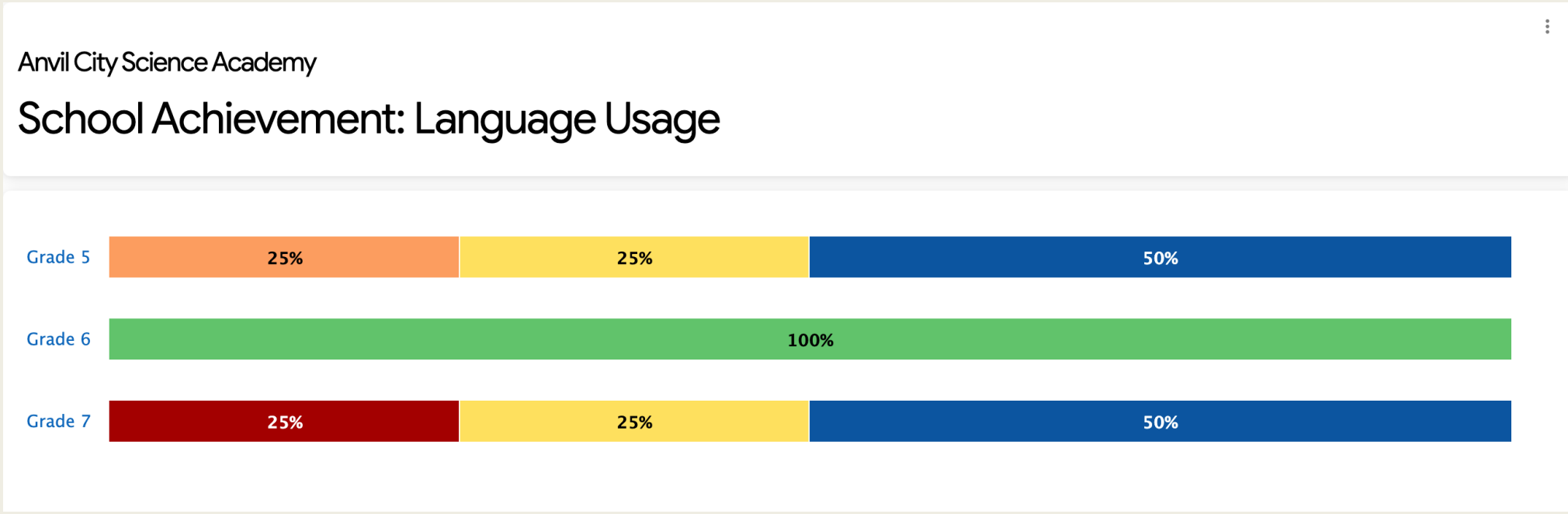
MAP Fall 2022 – ACSA Language Usage – AK Native

Anvil City Science Academy

School Achievement: Language Usage

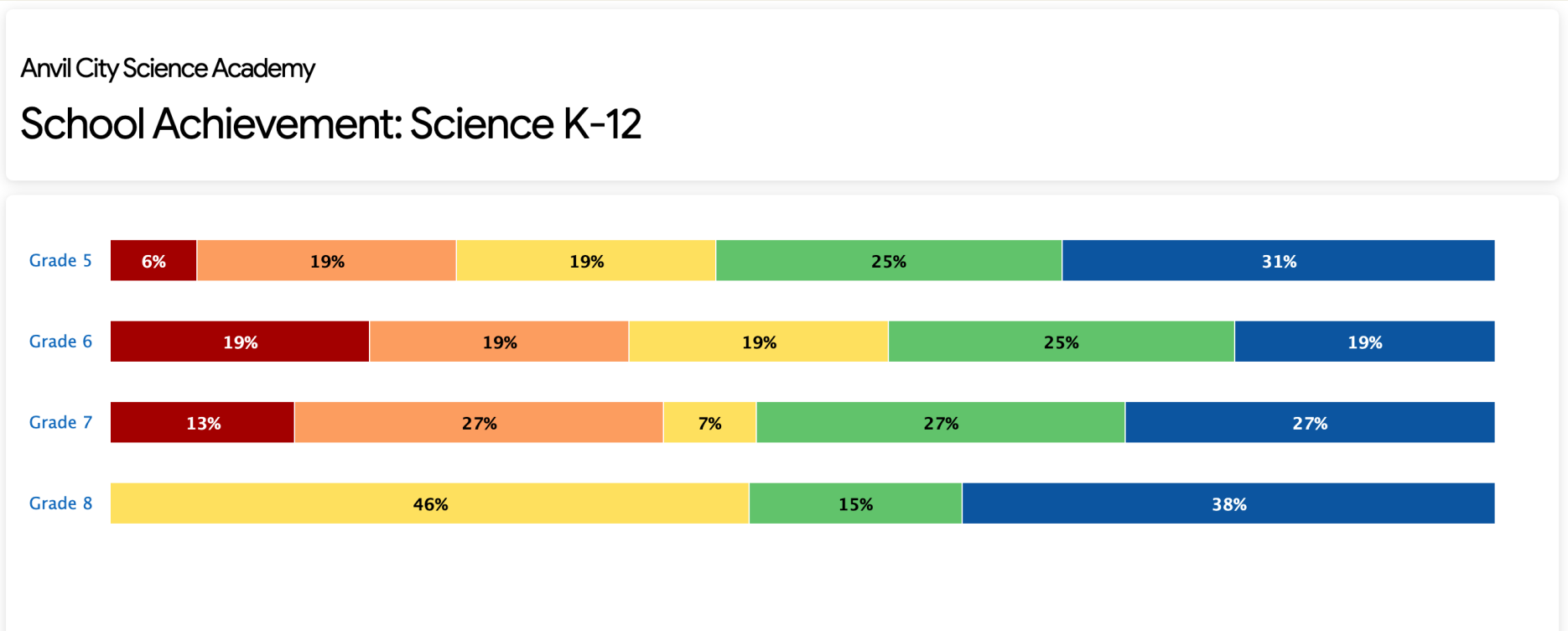


MAP Fall 2022 – ACSA Language Usage - White



Small numbers of students per grade level

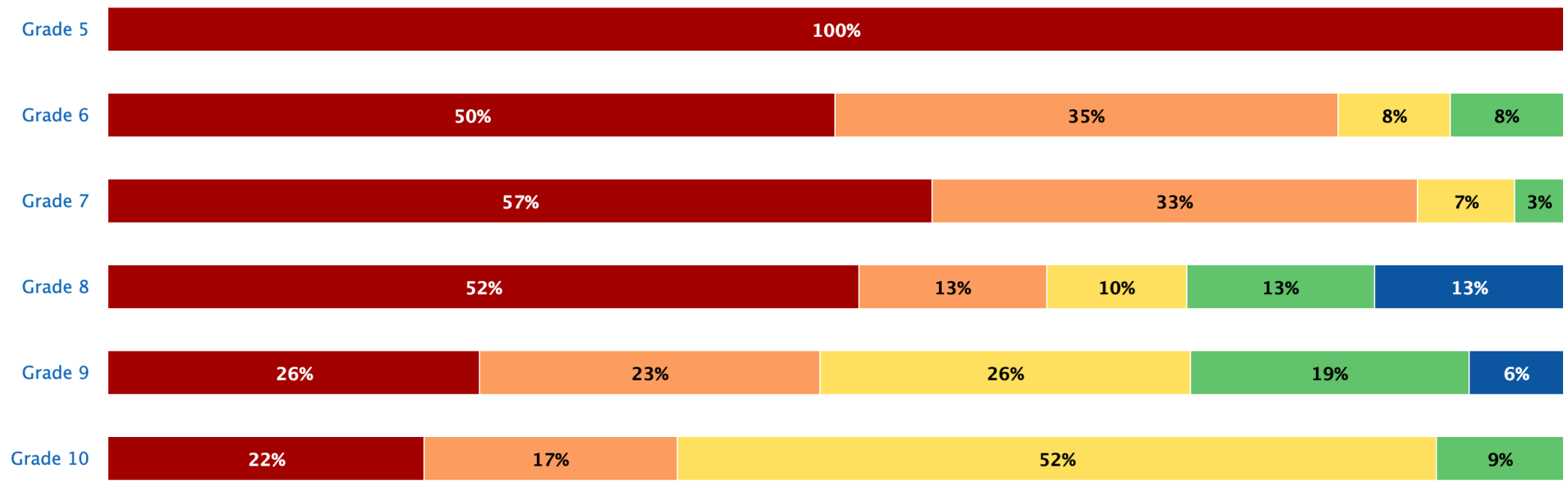
MAP Fall 2022 – ACSA Science



MAP Fall 2022 – NBMHS Reading

Nome-Beltz Middle High School

School Achievement: Reading

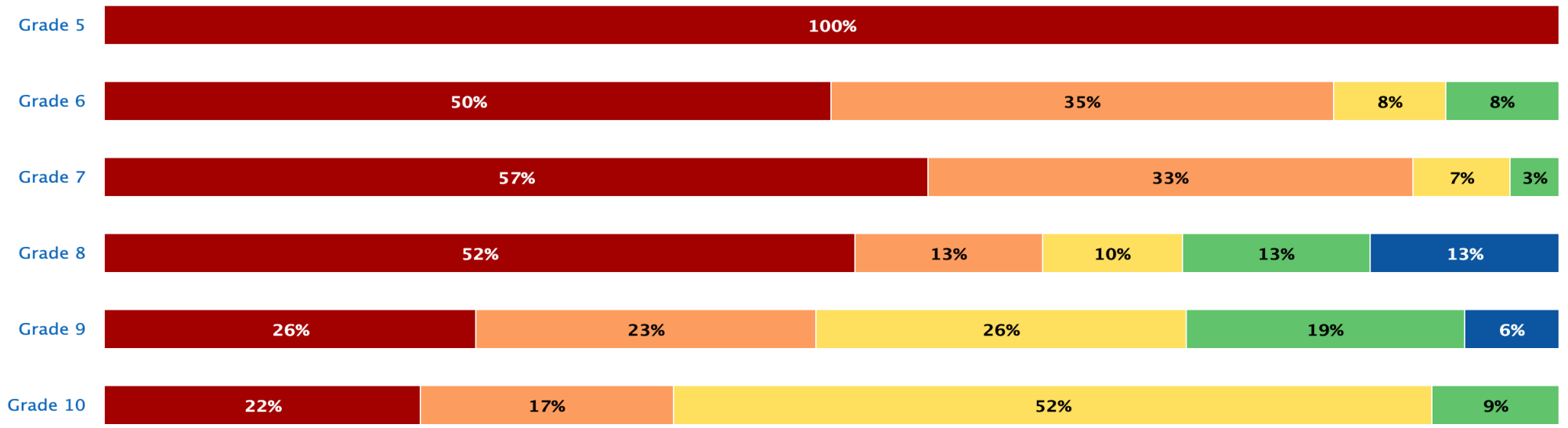


5th grade student is roster error

MAP Fall 2022 – NBMHS Reading – AK Native

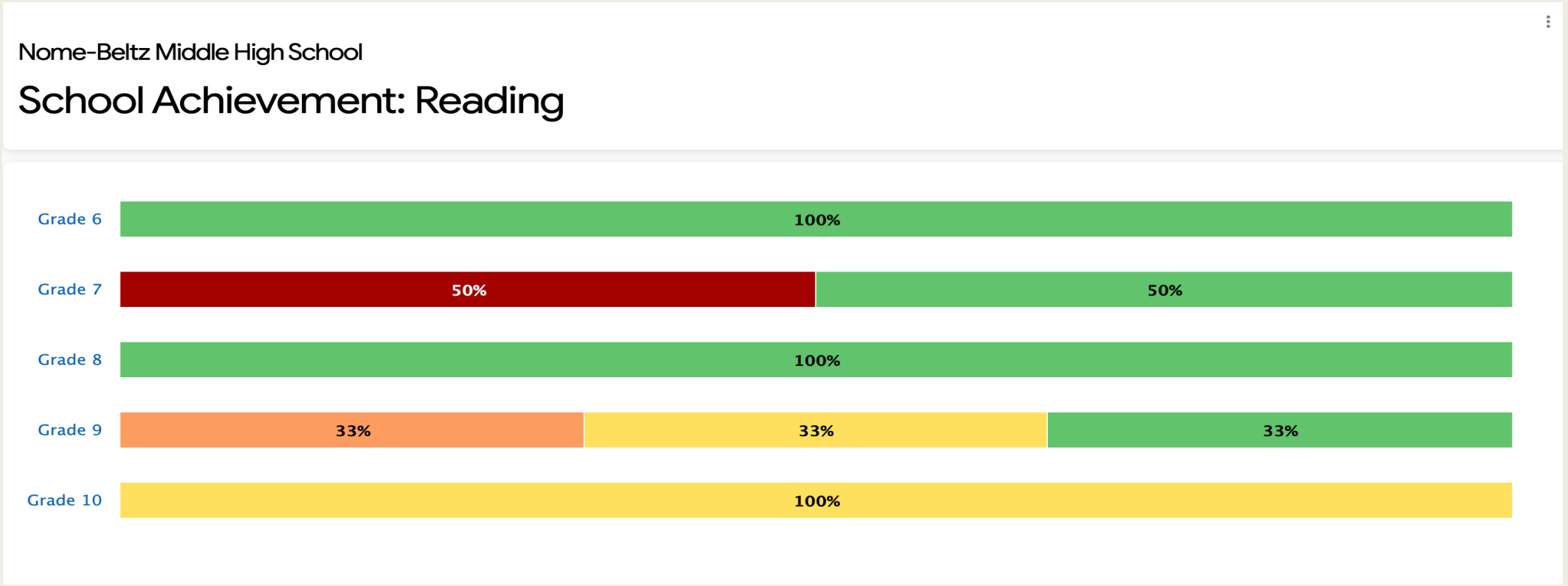
Nome-Beltz Middle High School

School Achievement: Reading



5th grade student is roster error

MAP Fall 2022 – NBMHS Reading - White

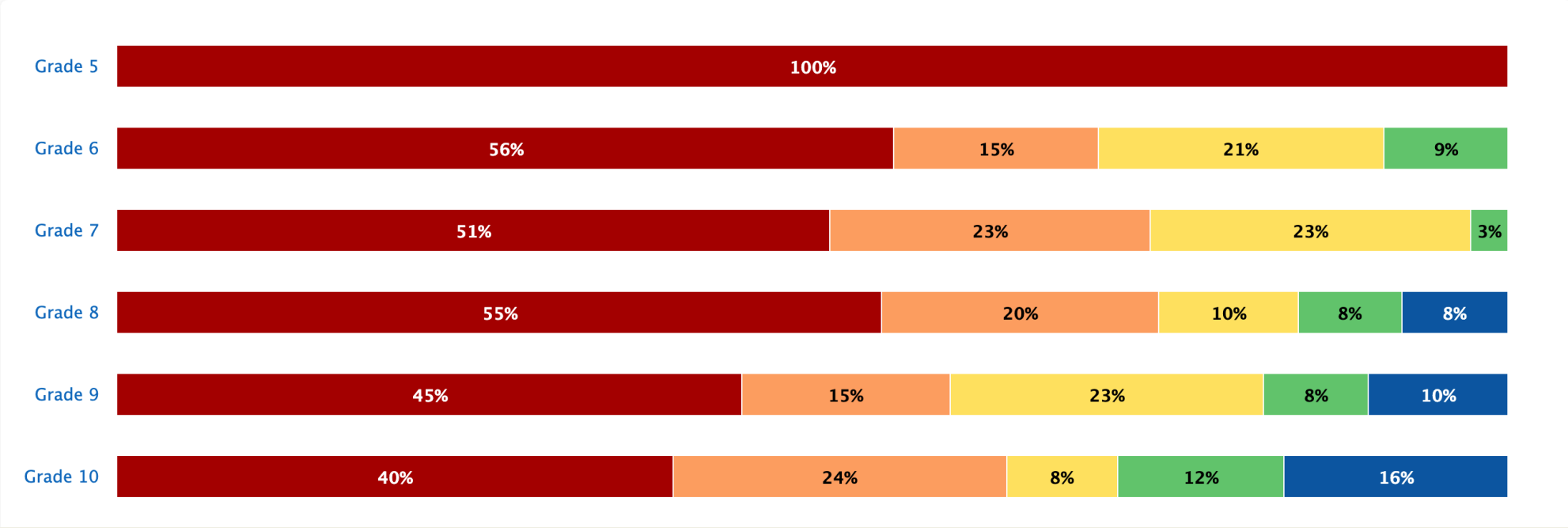


Small number of students in each grade level

MAP Fall 2022 – NBMHS Math

Nome-Beltz Middle High School

School Achievement: Math K-12

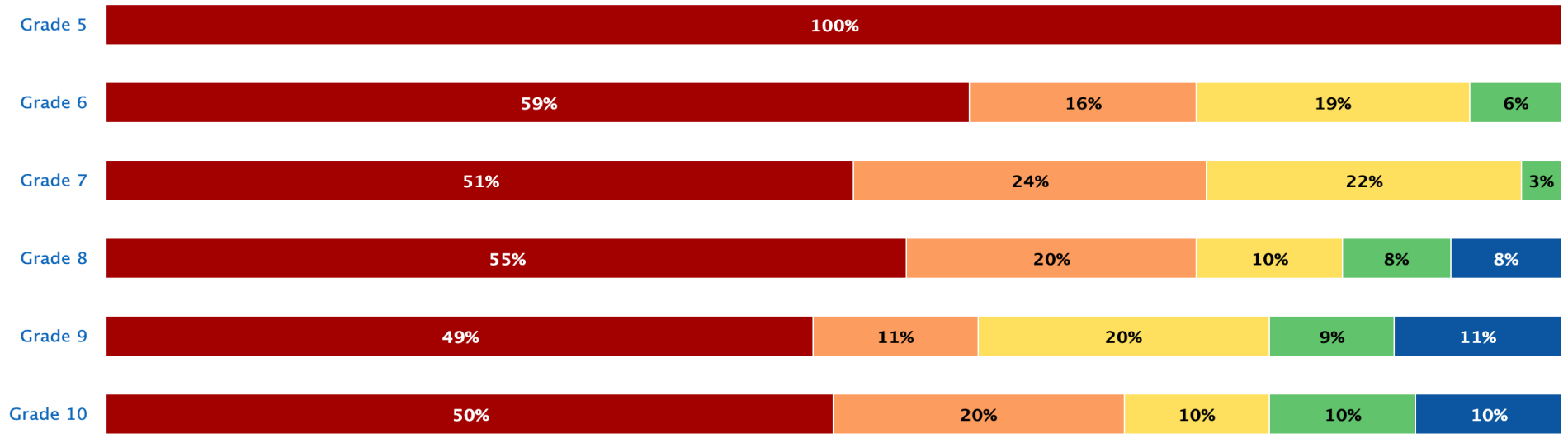


5th grade student is roster error

MAP Fall 2022 – NBMHS Math – AK Native

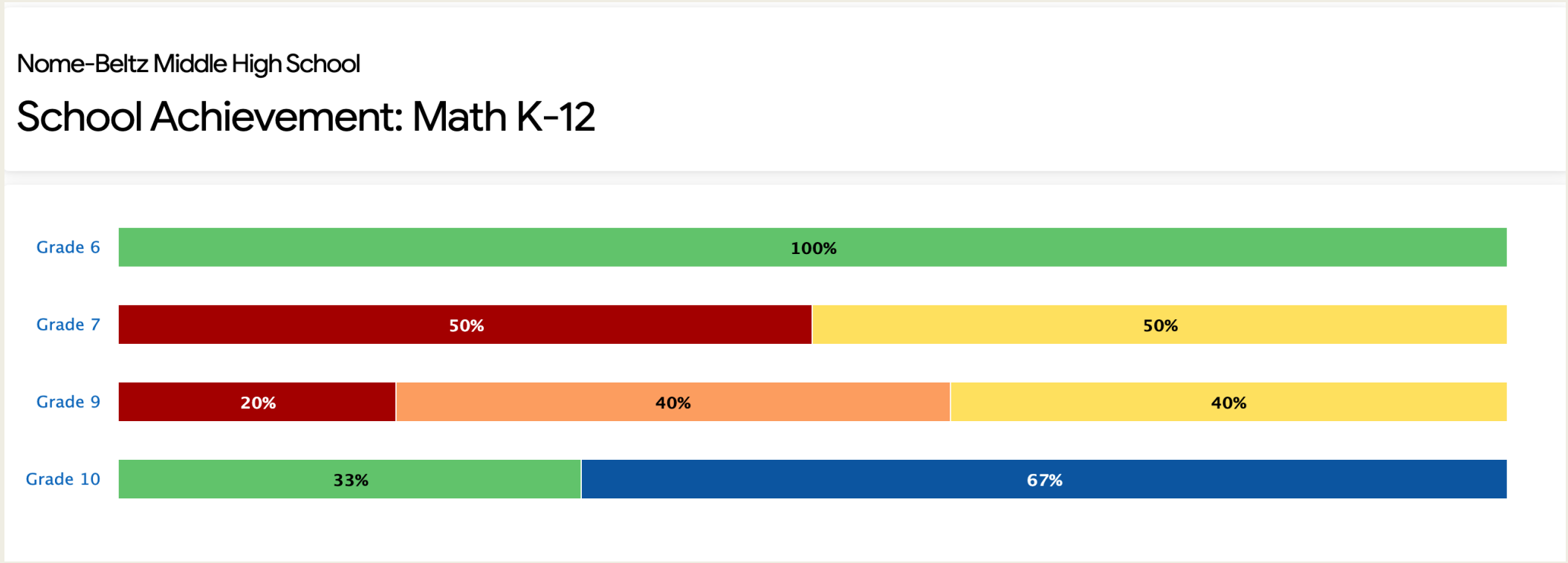
Nome-Beltz Middle High School

School Achievement: Math K-12



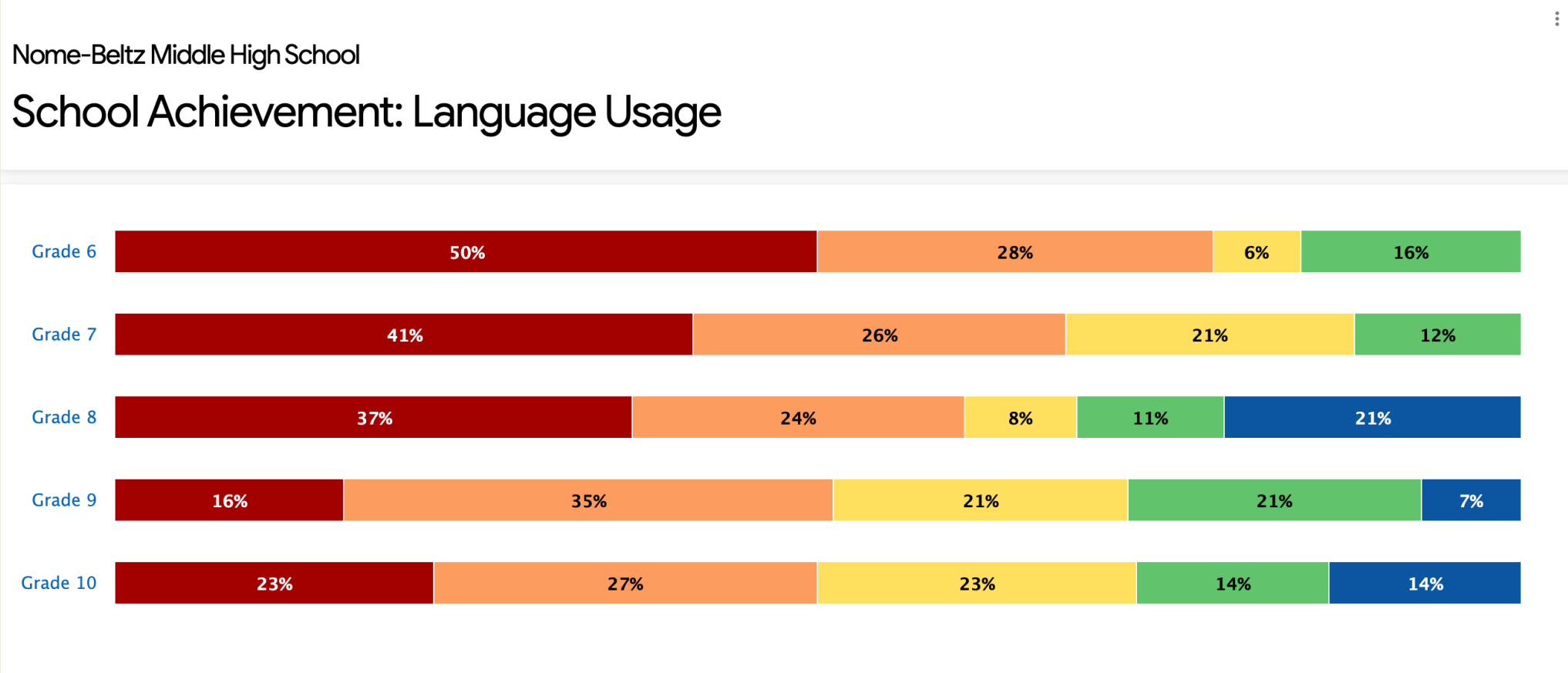
5th grade student is roster error

MAP Fall 2022 – NBMHS Math – White

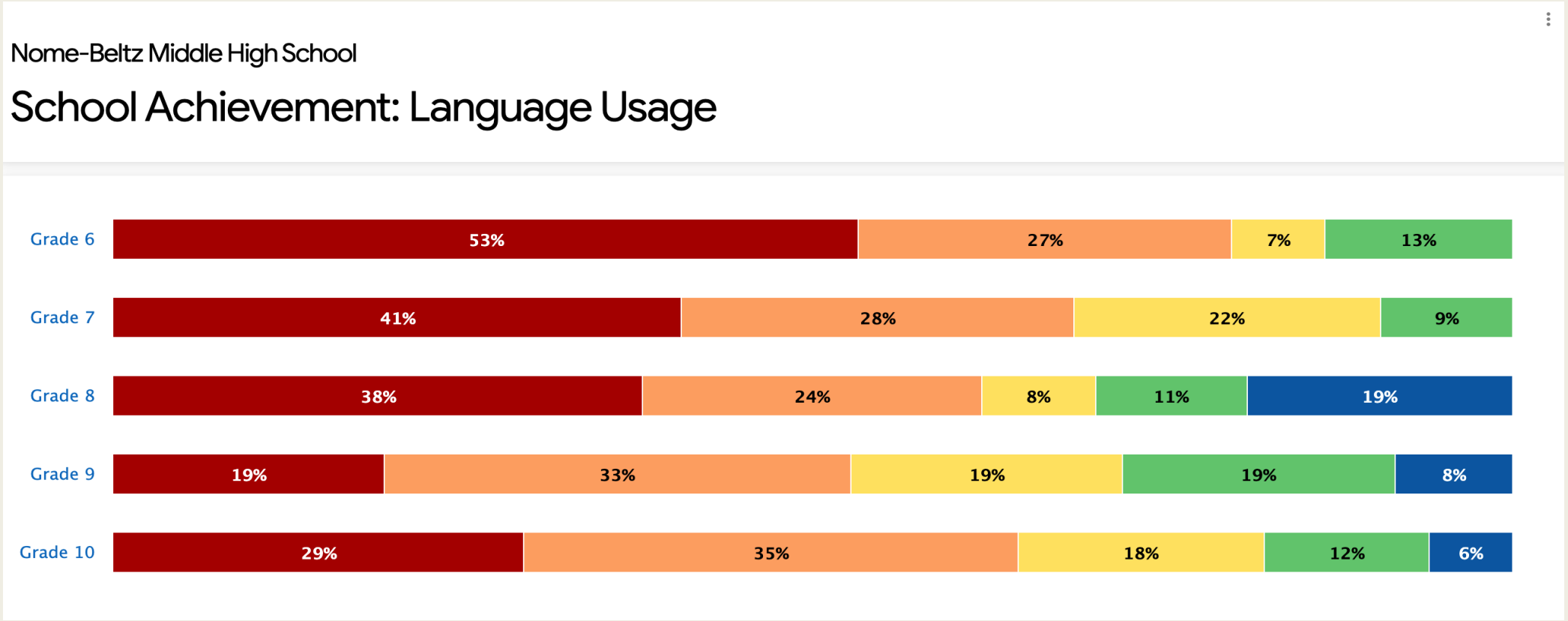


Small numbers of students in each grade level

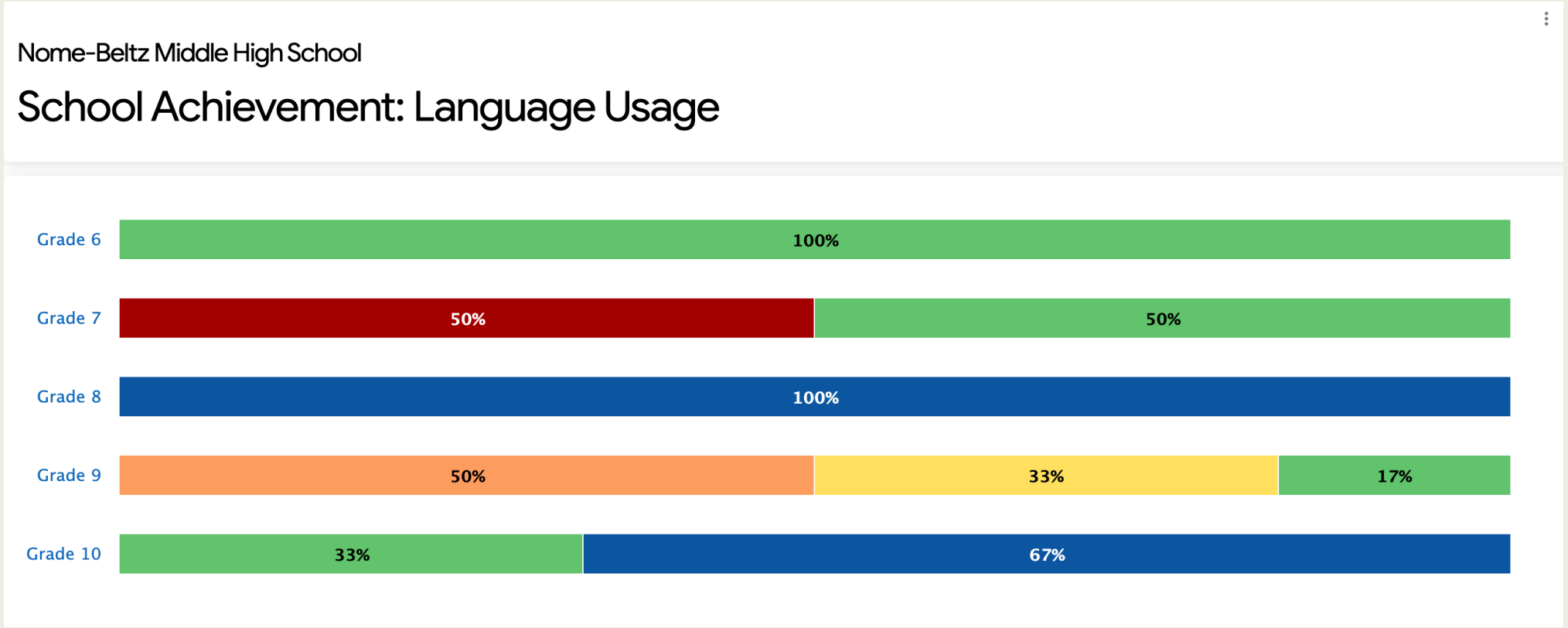
MAP Fall 2022 – NBMHS Language Usage



MAP Fall 2022 – NBMHS Language Usage – AK Native



MAP Fall 2022 – NBMHS Language Usage – White

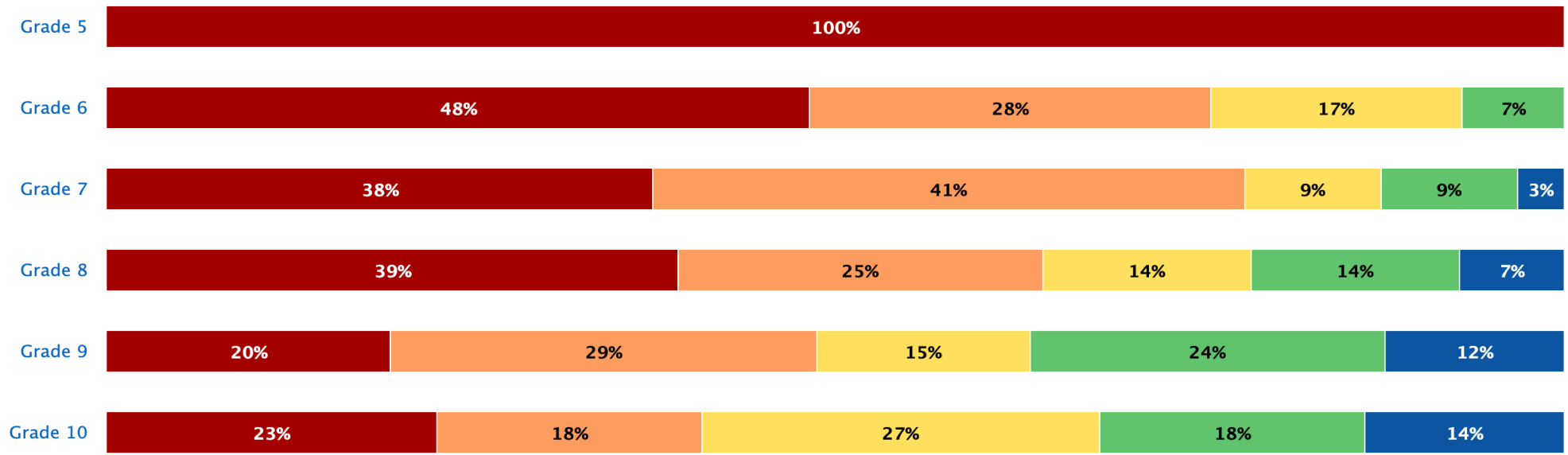


Small numbers of students at each grade level

MAP Fall 2022 – NBMHS Science

Nome-Beltz Middle High School

School Achievement: Science K-12

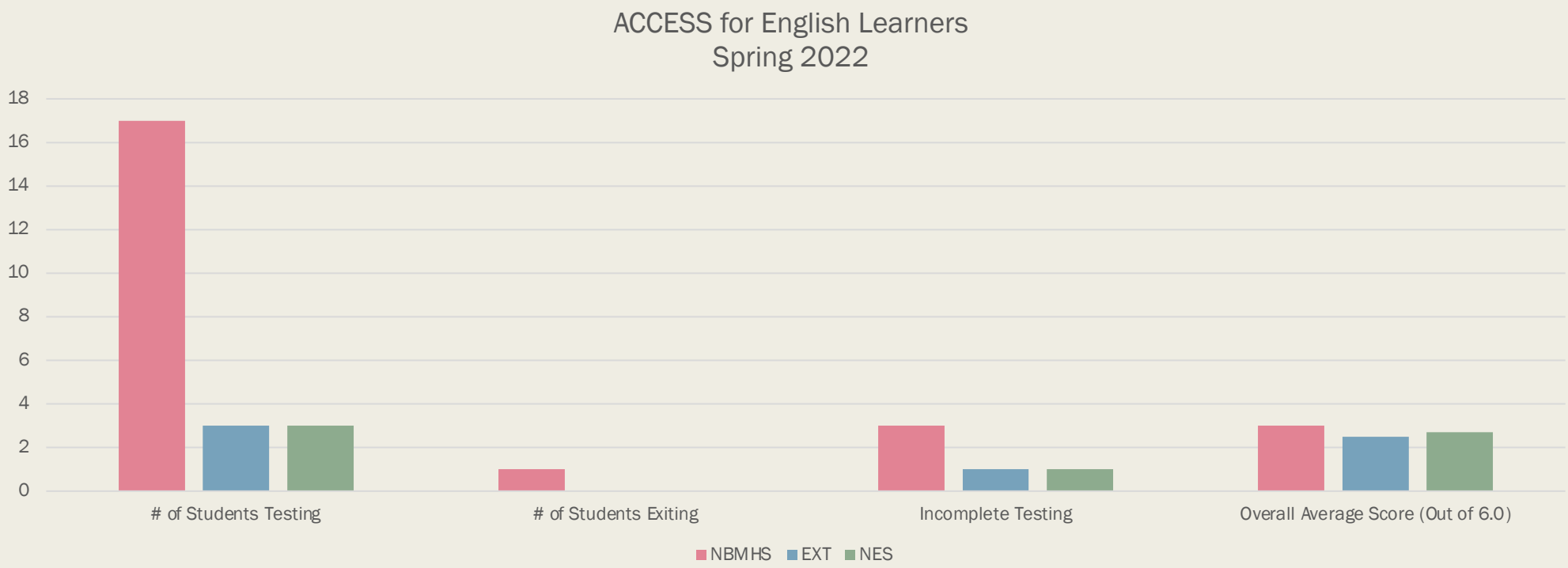


5th grade student is roster error

ACCESS for English Learners

- Four Part Test – Listening, Reading, Writing, Speaking
- Missing One or more Parts = Incomplete
- Each Part Scored out of 6.0
- Exit Score = Average of 4.5/6.0 Overall

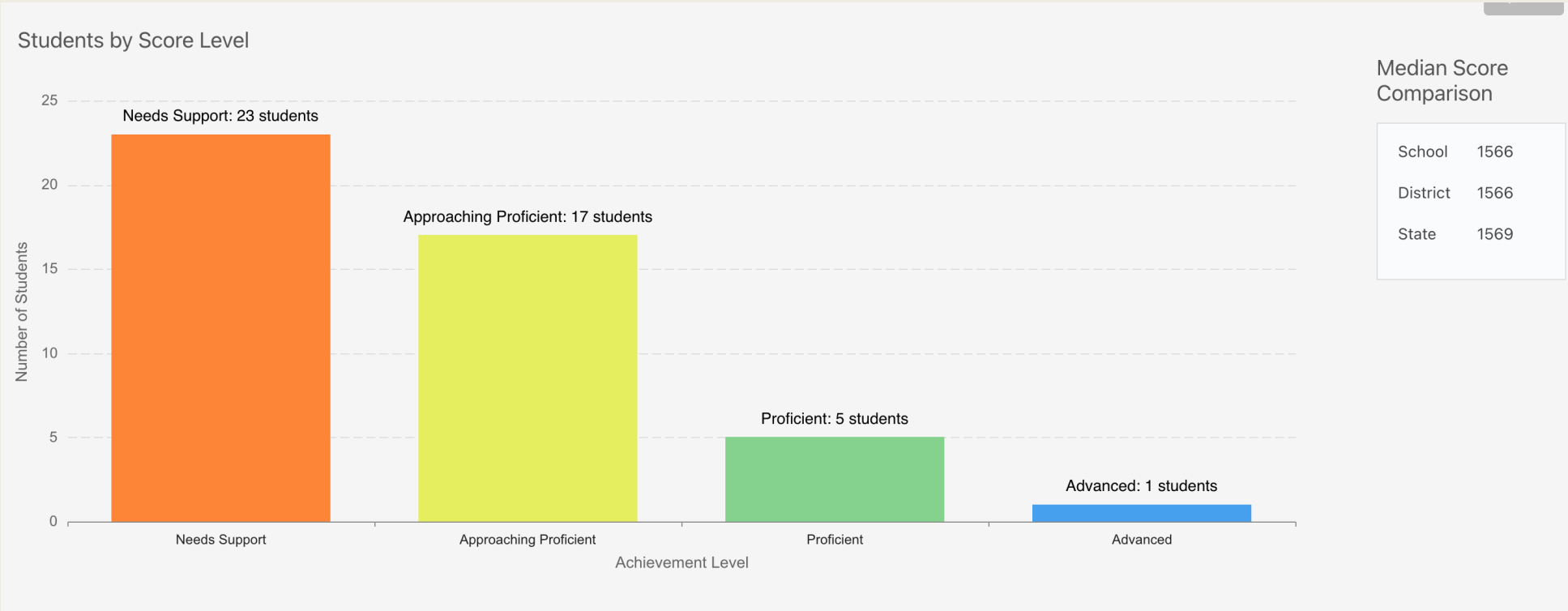
Spring 2022 Results



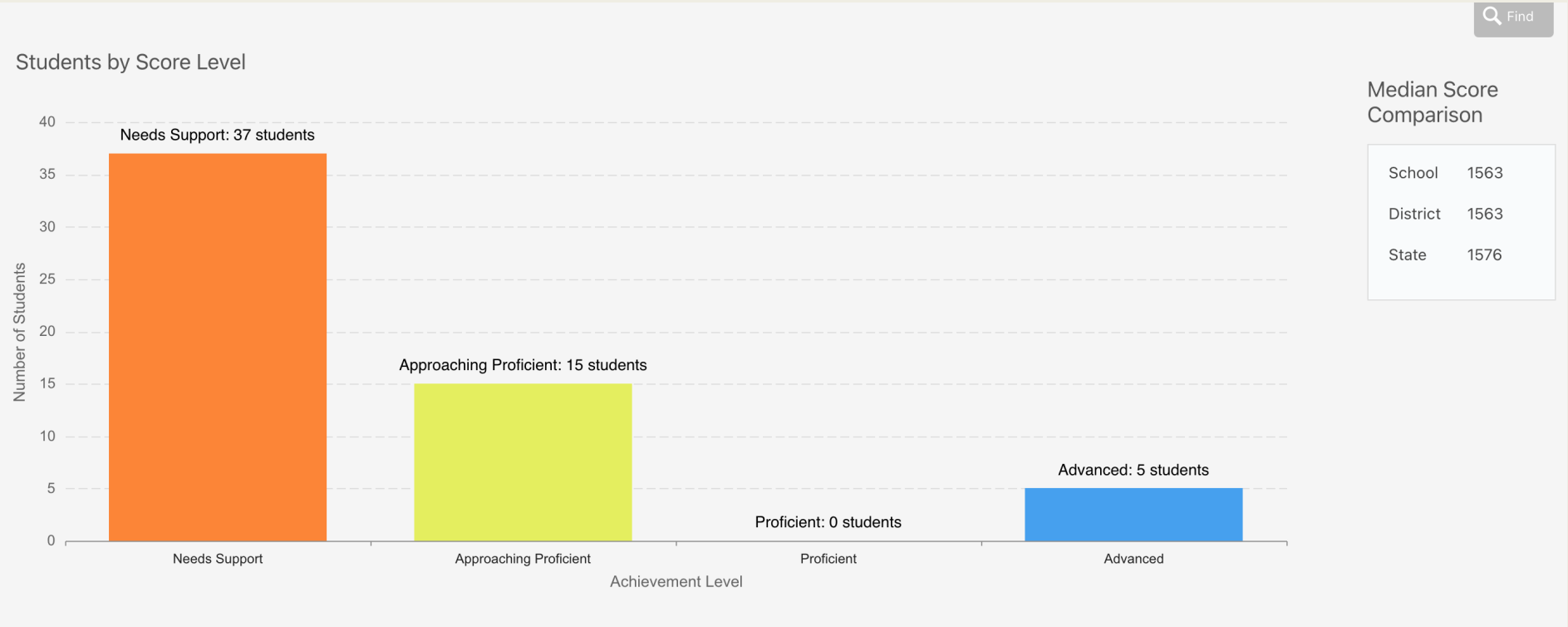
AK Star

- First administration of new state assessment
- Lower participation than normal, as we were not held to the 95% participation requirement due to COVID-19
- NBMHS middle school ELA instructor changed mid-year

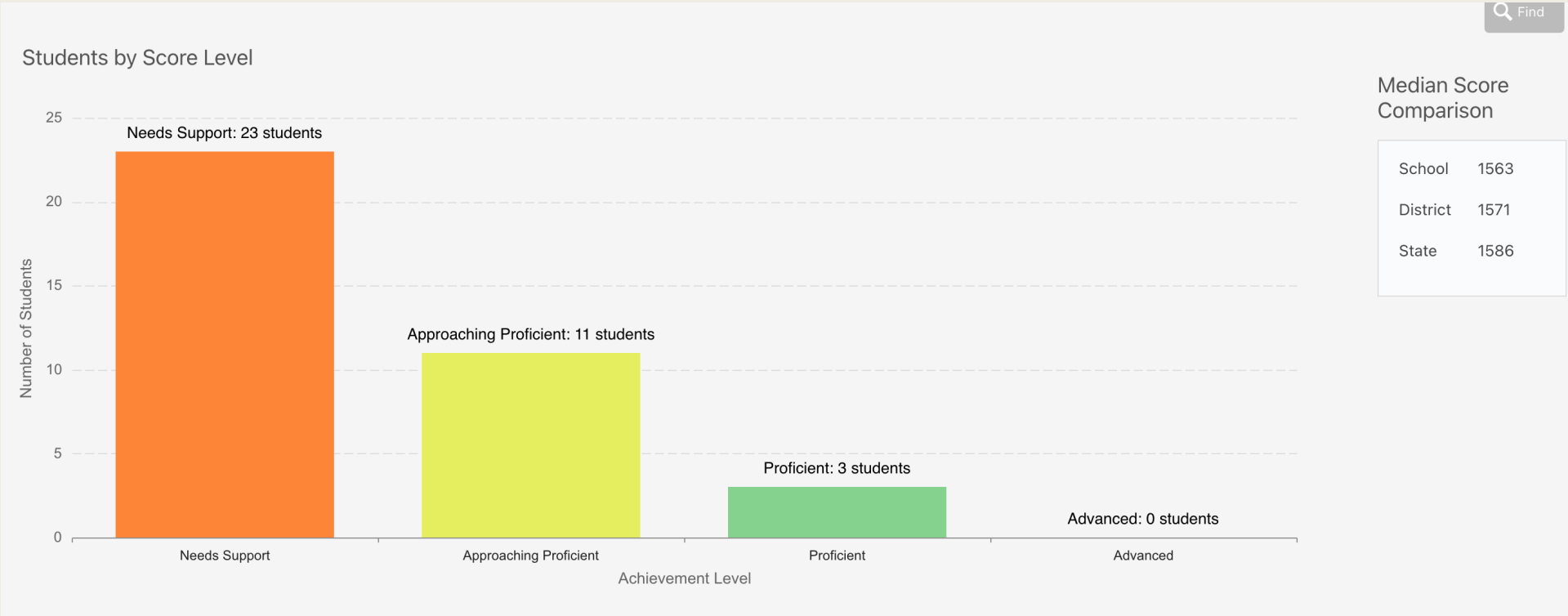
AK Star – NES ELA Grade 3



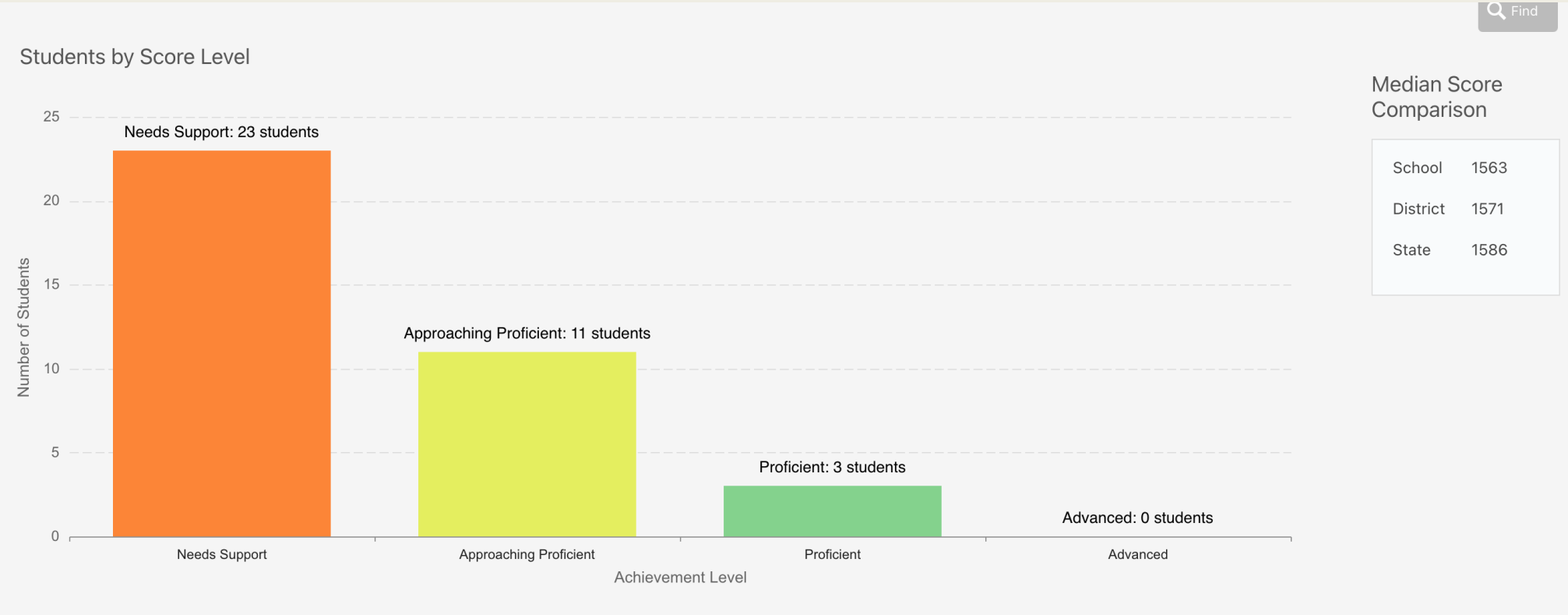
AK Star – NES ELA Grade 4



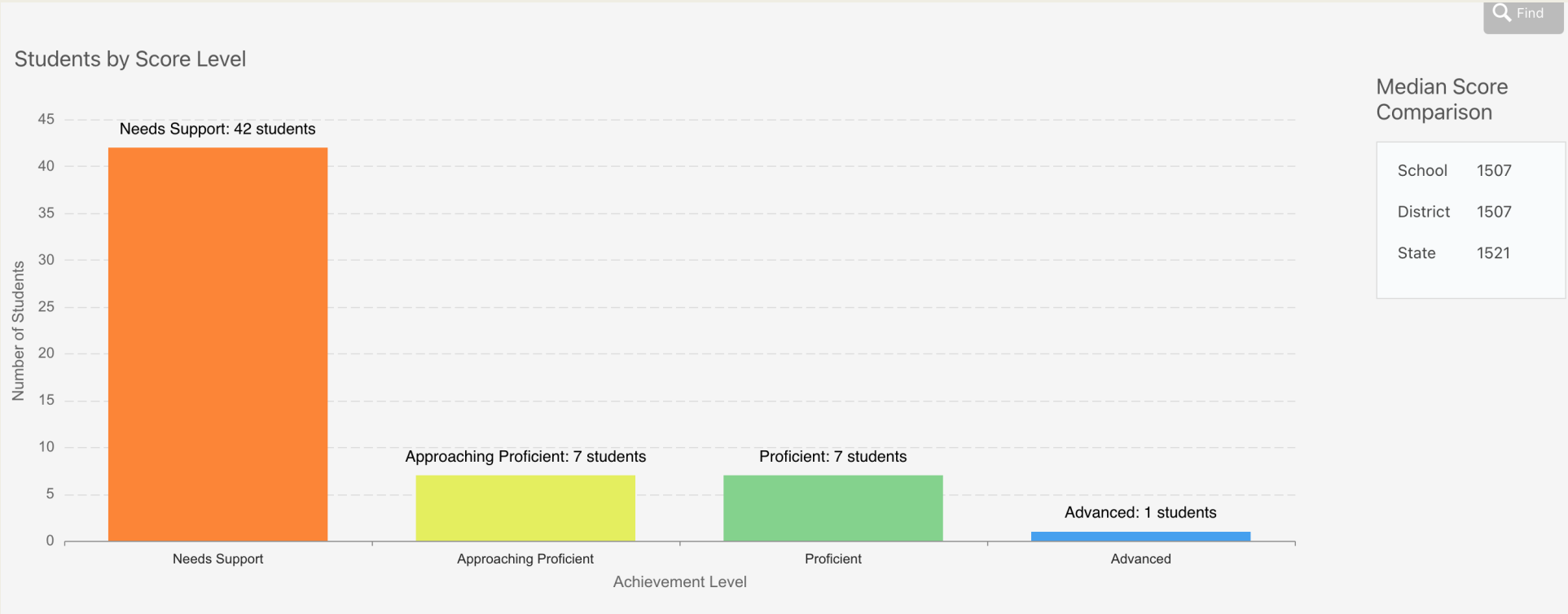
AK Star – NES ELA Grade 5



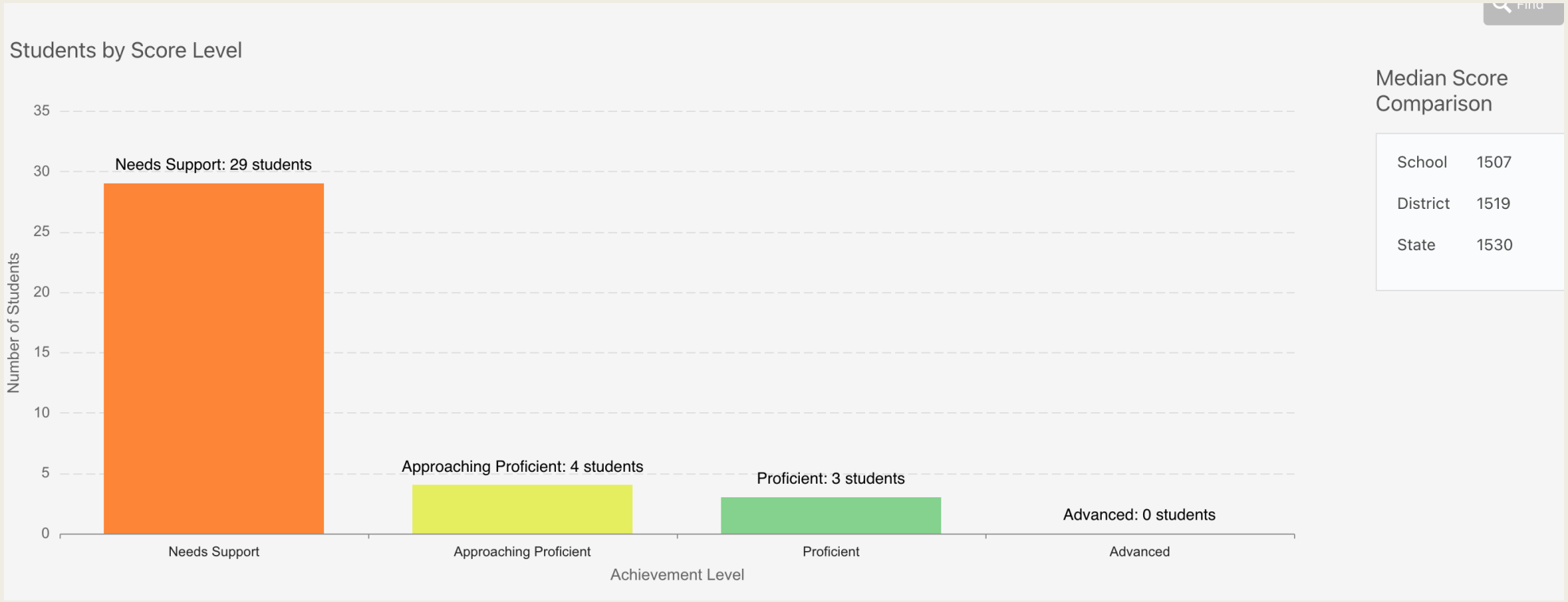
AK Star – NES Math Grade 3



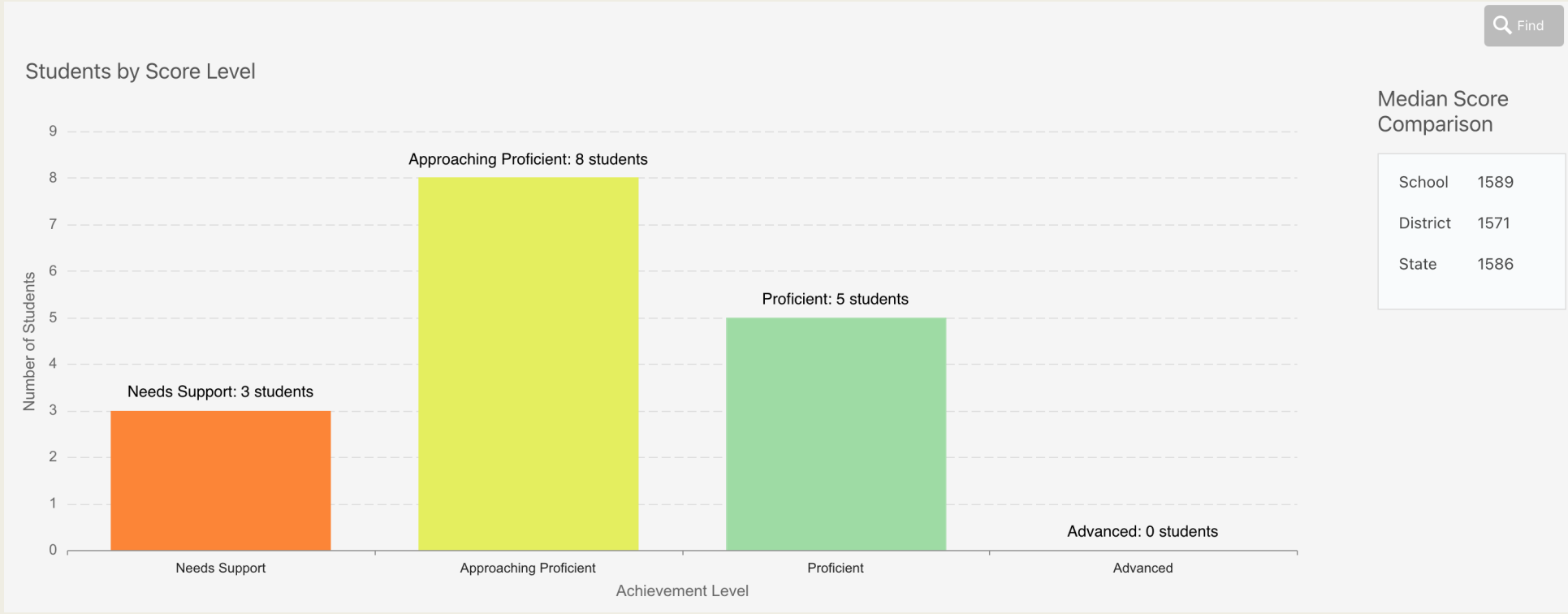
AK Star – NES Math Grade 4



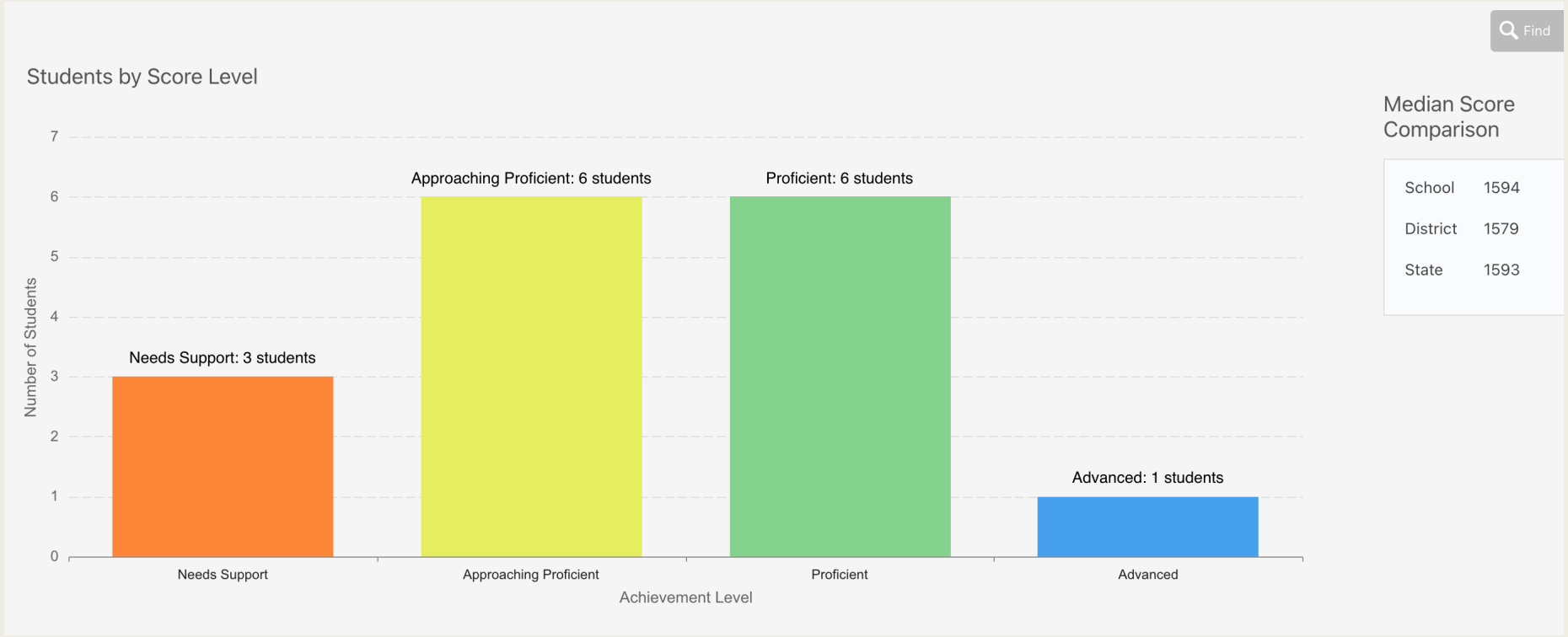
AK Star – NES Math Grade 5



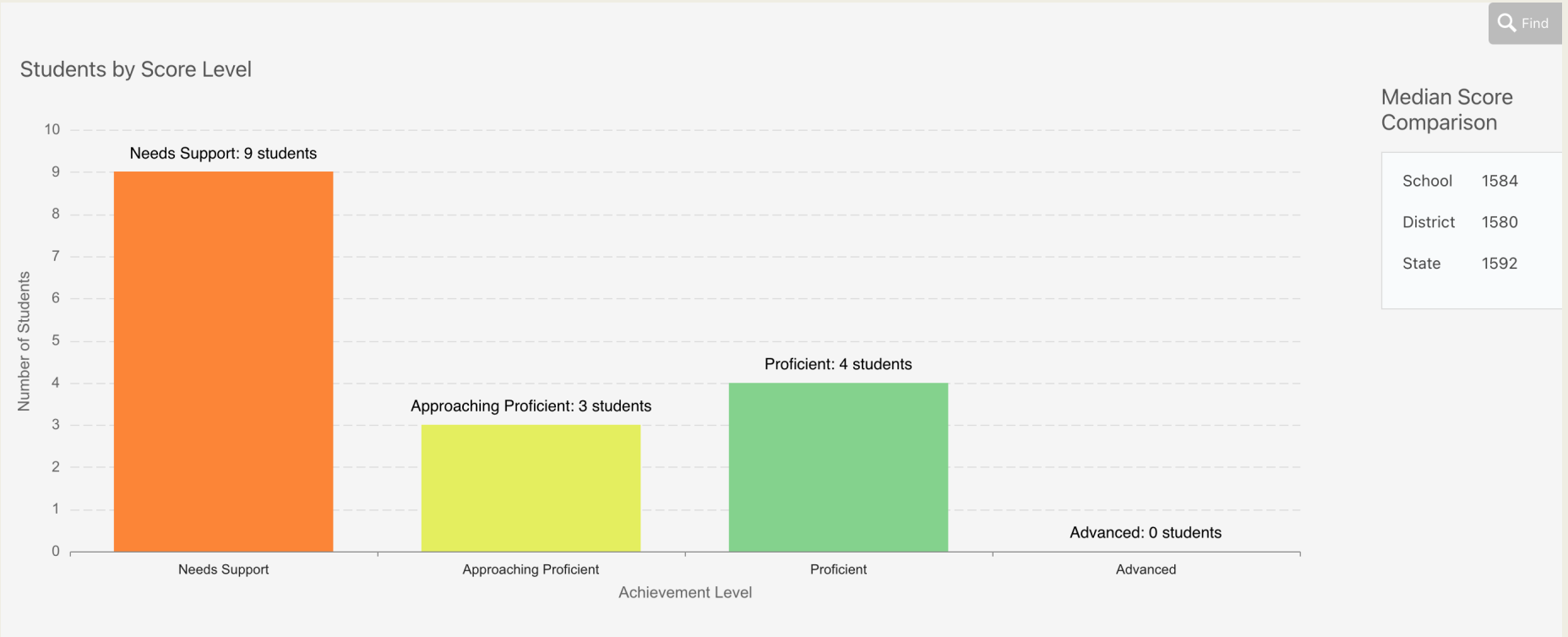
AK Star – ACSA ELA Grade 5



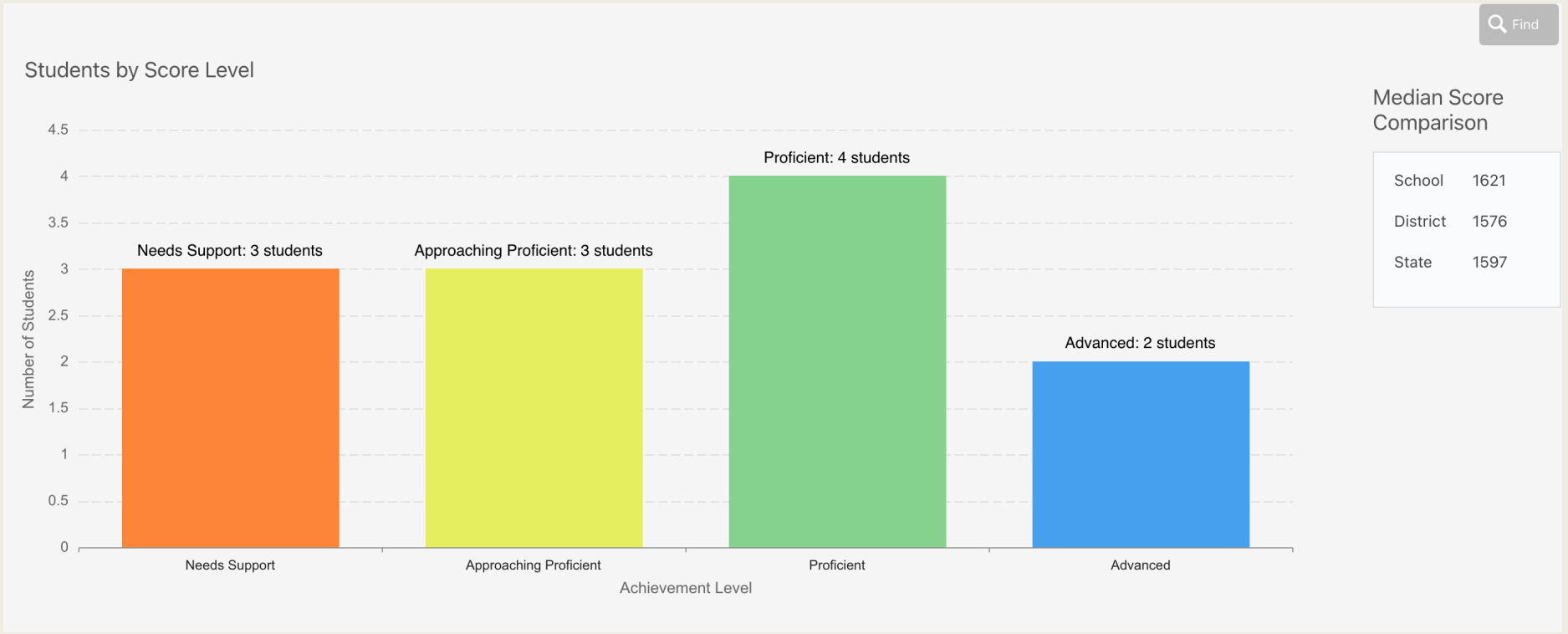
AK Star – ACSA ELA Grade 6



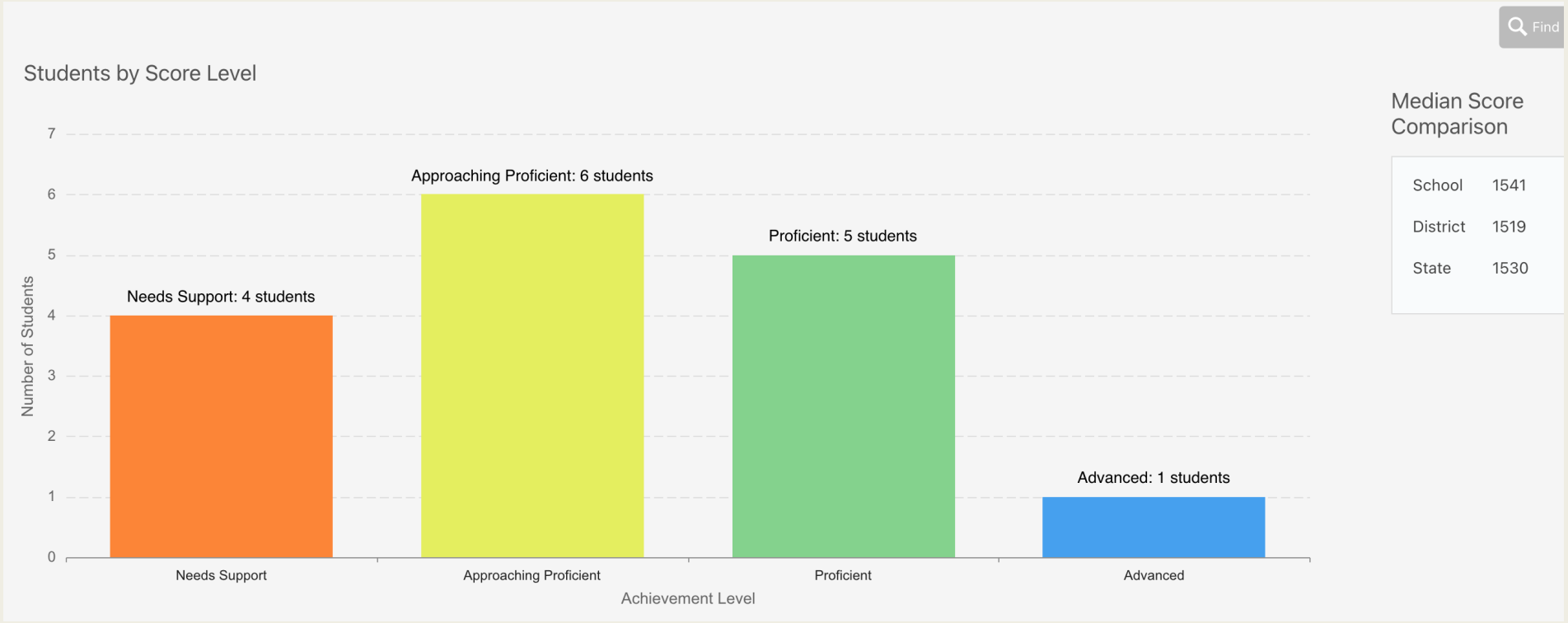
AK Star – ACSA ELA Grade 7



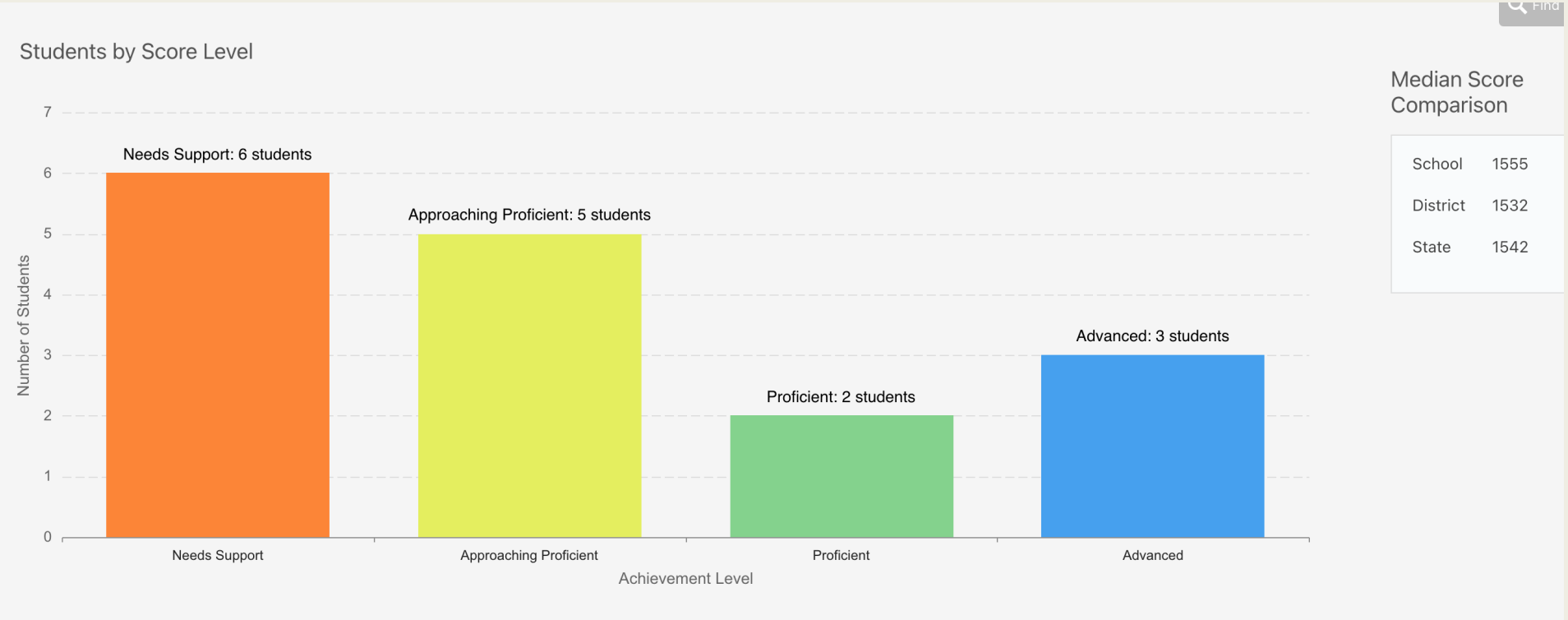
AK Star – ACSA ELA Grade 8



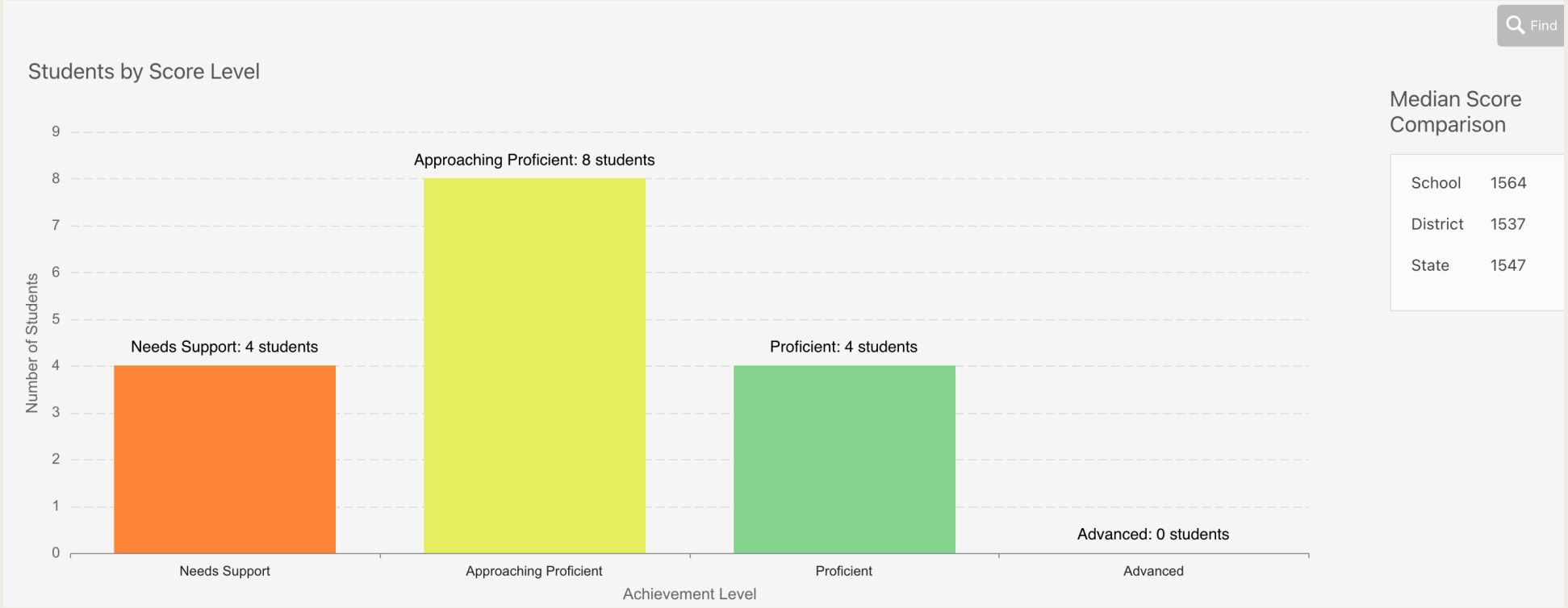
AK Star – ACSA Math Grade 5



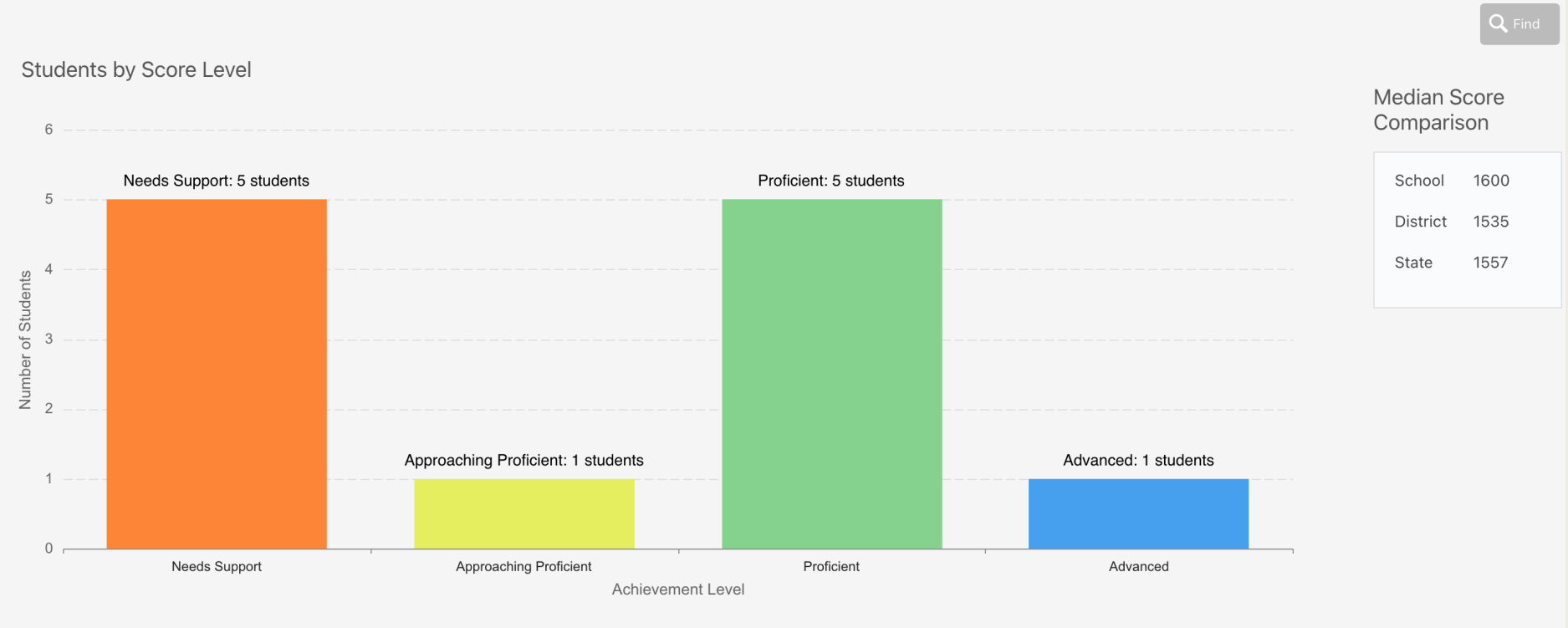
AK Star – ACSA Math Grade 6



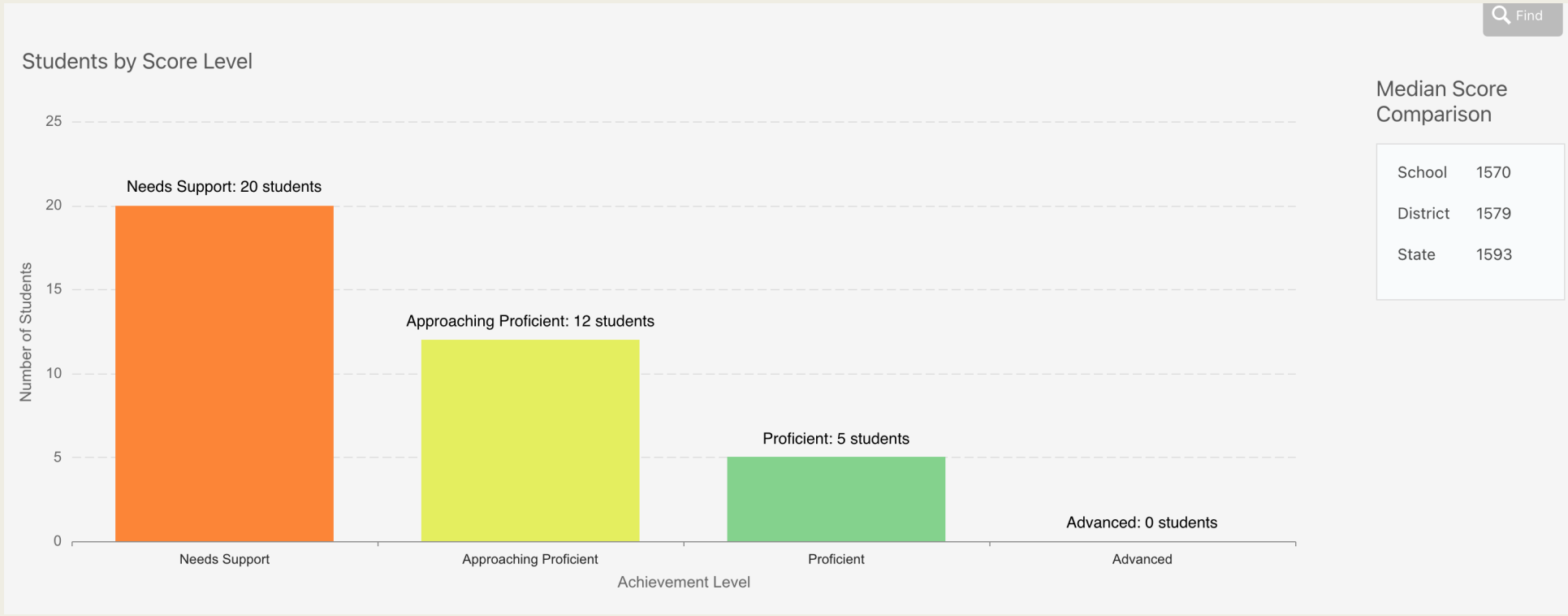
AK Star – ACSA Math Grade 7



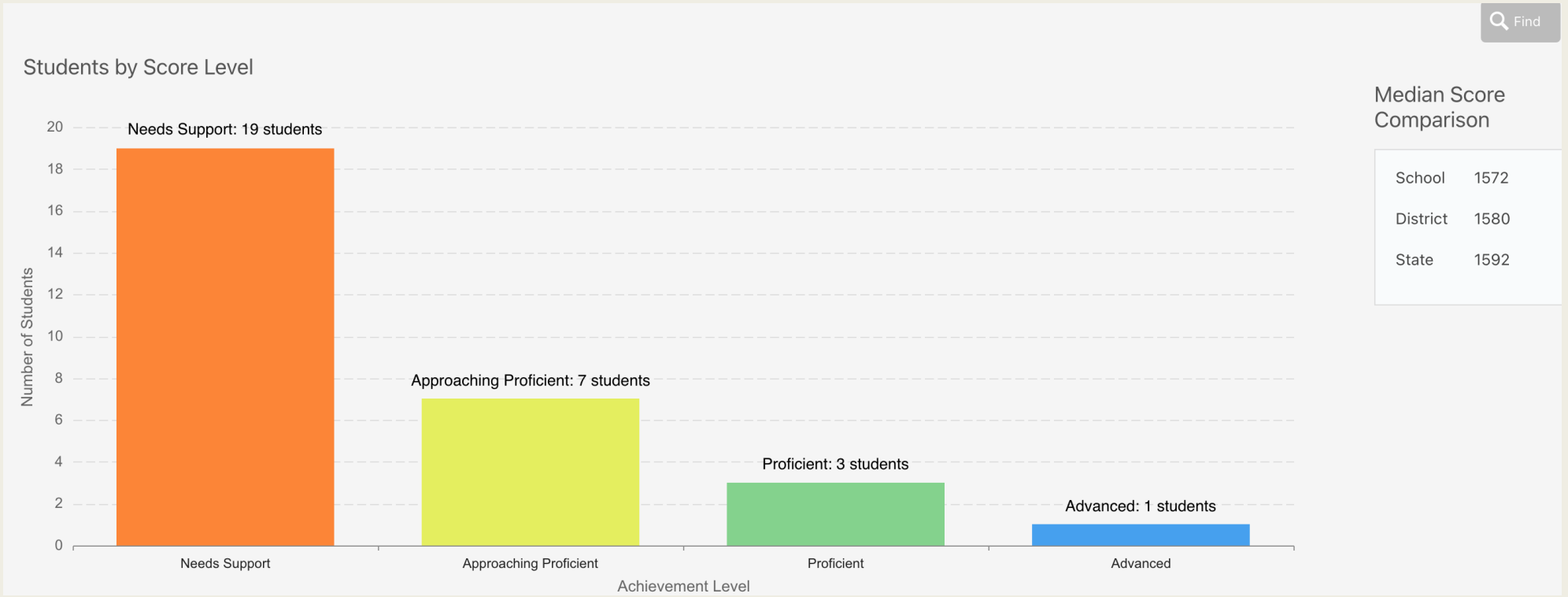
AK Star – ACSA Math Grade 8



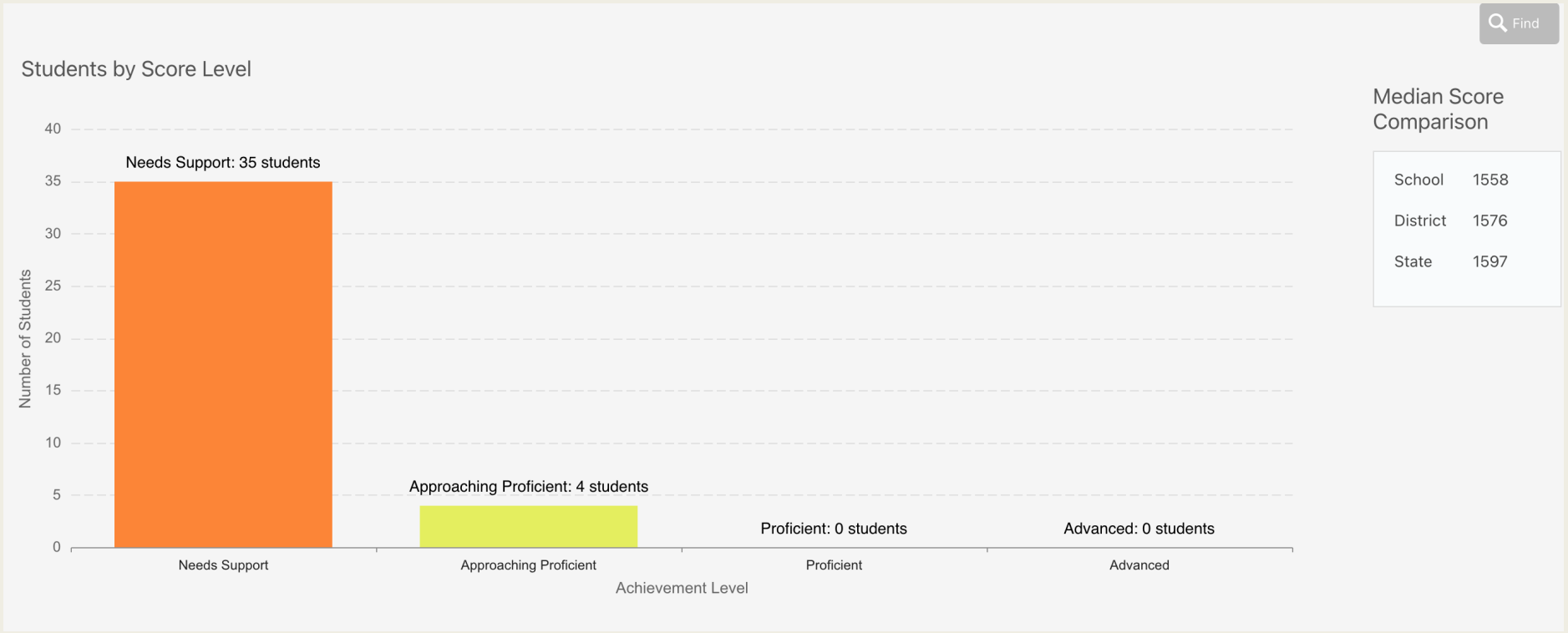
AK Star – NBMHS ELA Grade 6



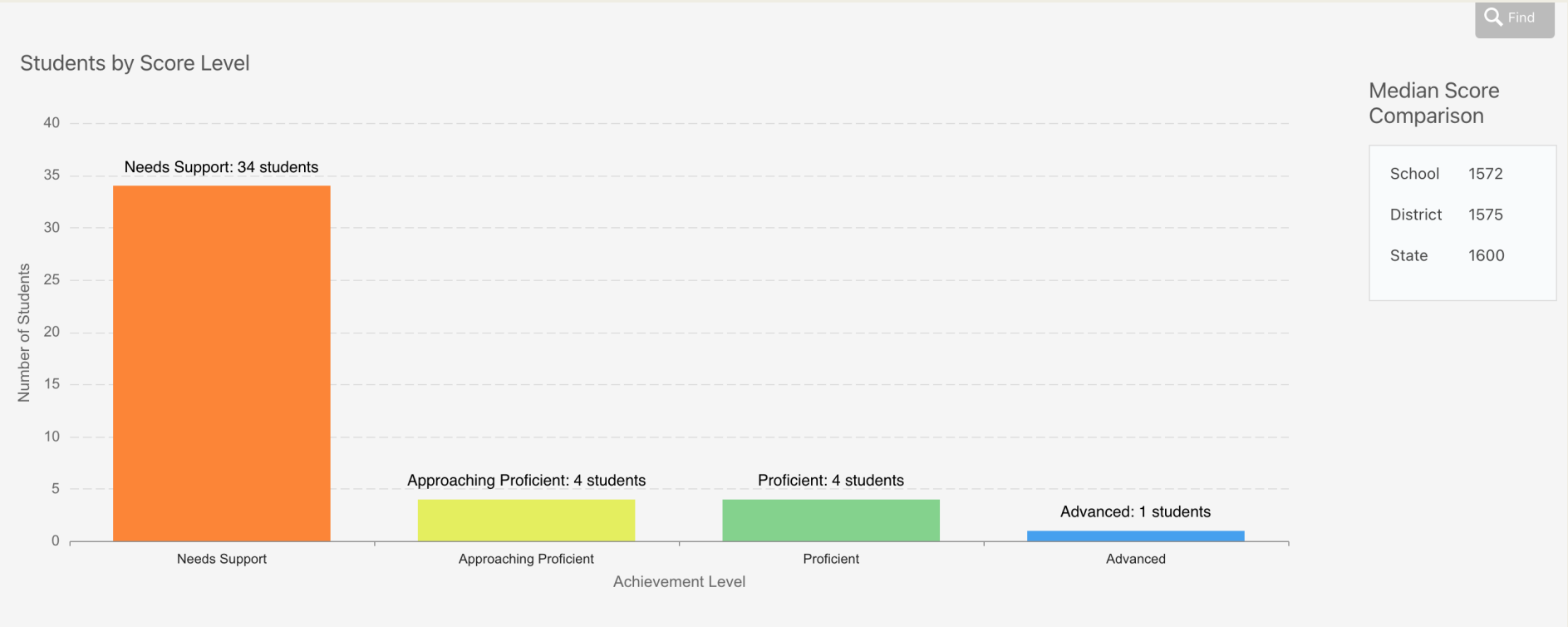
AK Star – NBMHS ELA Grade 7



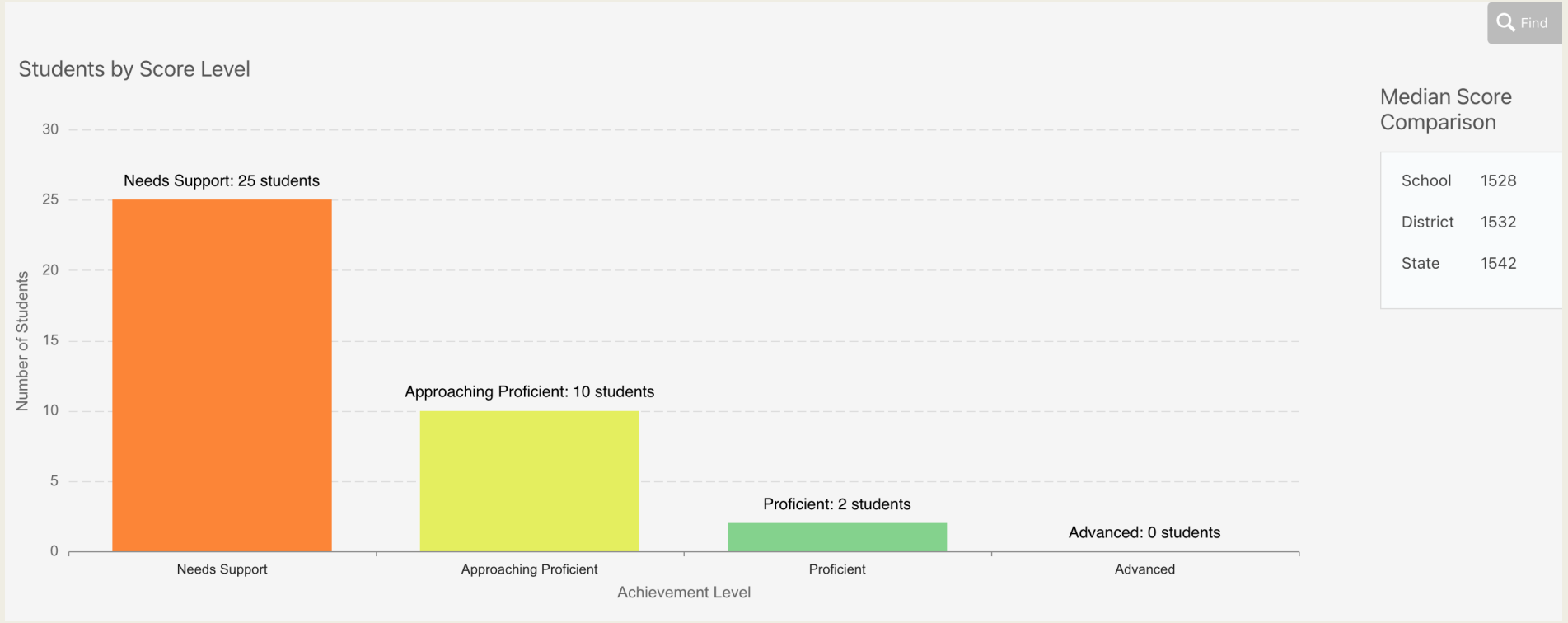
AK Star – NBMHS ELA Grade 8



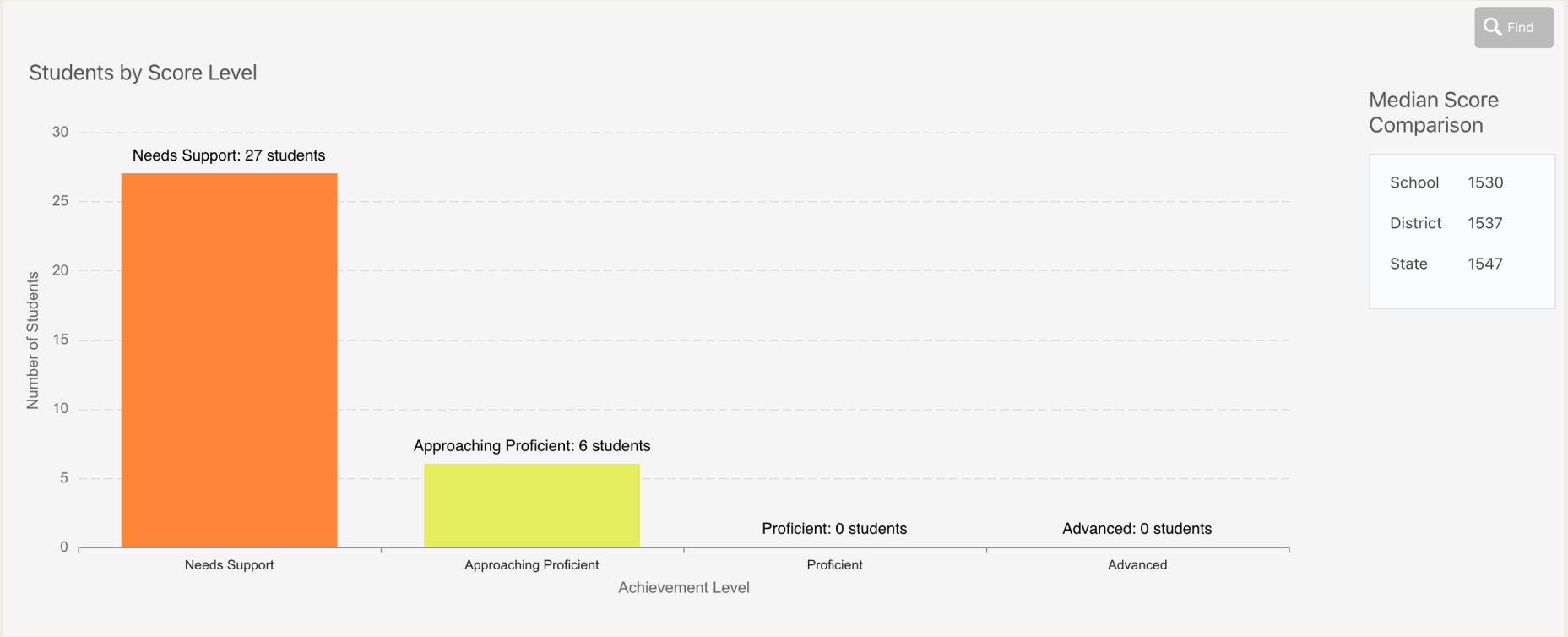
AK Star – NBMHS ELA Grade 9



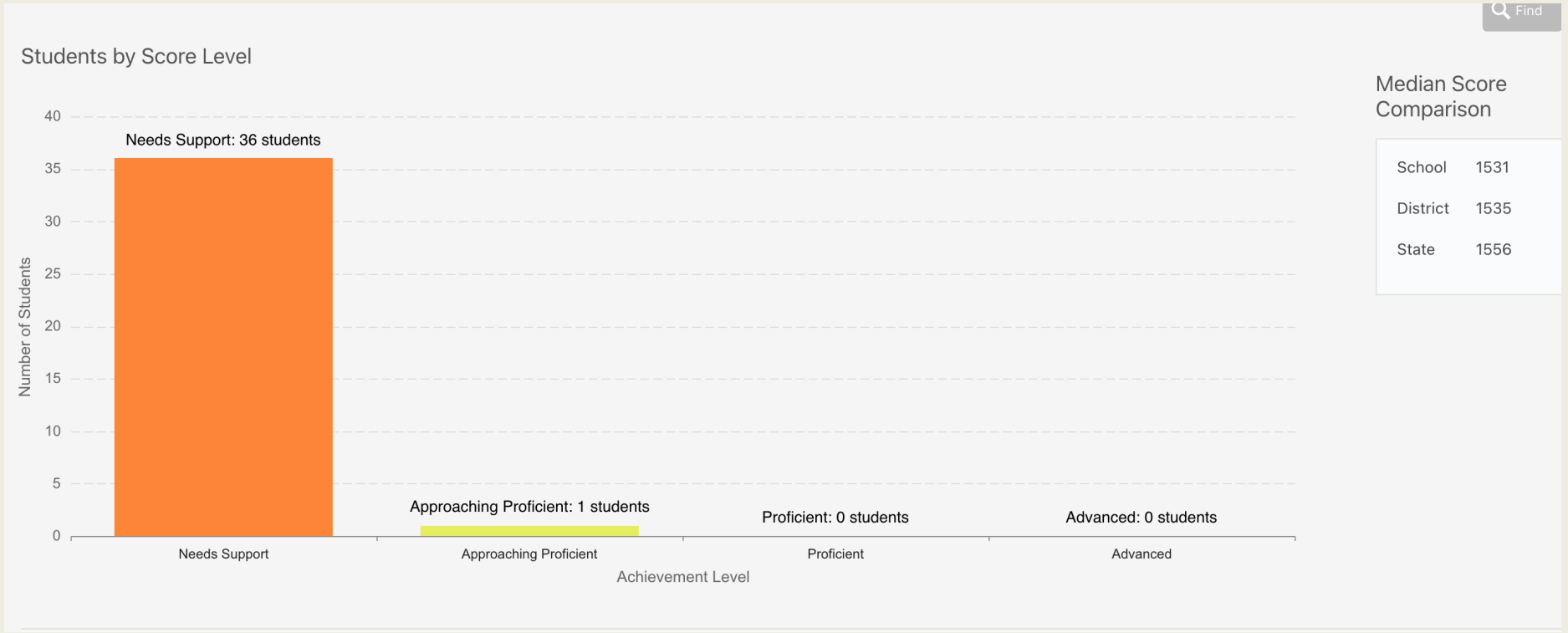
AK Star – NBMHS Math Grade 6



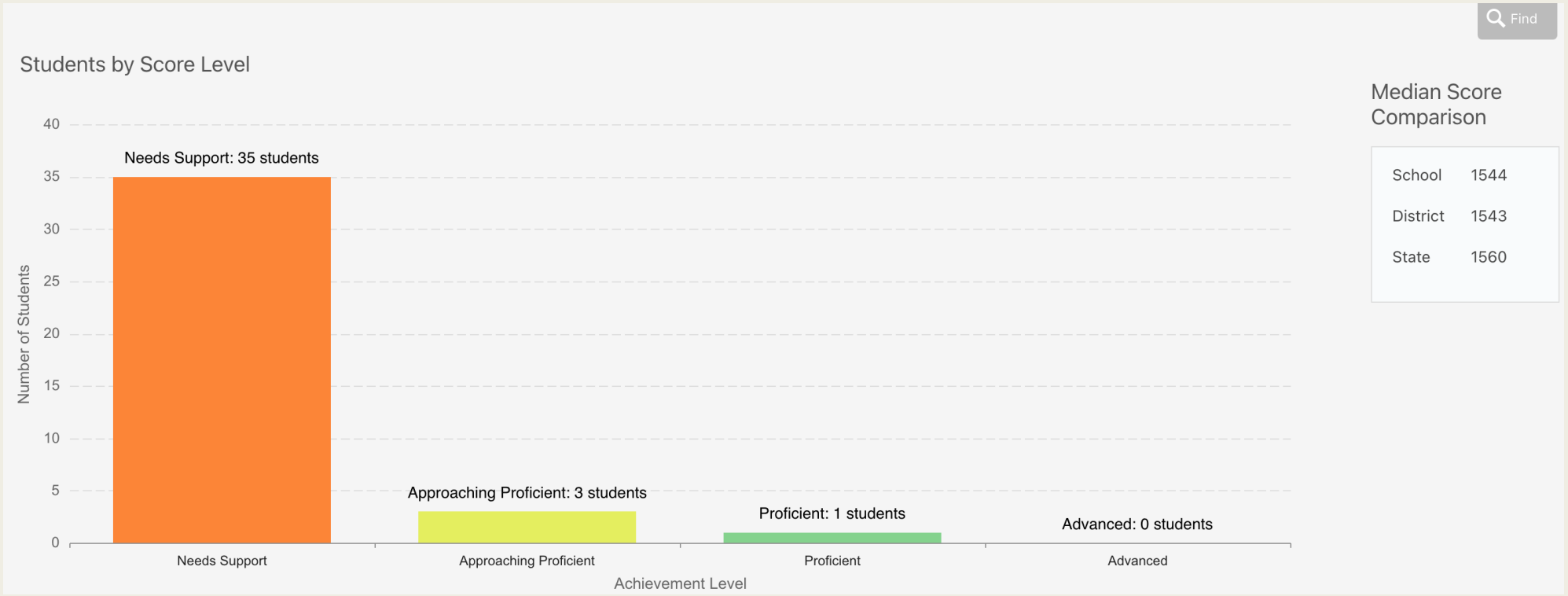
AK Star – NBMHS Math Grade 7



AK Star – NBMHS Math Grade 8



AK Star – NBMHS Math Grade 9



Science Assessment

Alaska Department of Education & Early Development

School Summary Report

District Name: Nome Public Schools
School Name: Nome-Beltz Jr/Sr High

Subject: Science
Test Date: Spring 2022

Achievement Level Summary

Group	# Tested	% in Each Level
School	80	65.0 / 20.0 / 11.3 / 3.8
District	145	51.7 / 22.1 / 20.7 / 5.5
State	21,806	27.4 / 24.7 / 30.4 / 17.4

Achievement Level Summary | By Grade

Grade	Group	# Tested	% in Each Level
8	School	37	73.0 / 13.5 / 13.5 / 0.0
	District	50	56.0 / 14.0 / 24.0 / 6.0
	State	7,487	33.2 / 22.2 / 27.2 / 17.3
10	School	43	Data not shown to protect student privacy
	District	45	57.8 / 24.4 / 11.1 / 6.7
	State	6,276	26.0 / 26.6 / 29.1 / 18.3

Needs Support | Approaching Proficient | Proficient | Advanced

ALASKA SCIENCE ASSESSMENT

School Summary Report

District Name: Nome Public Schools
School Name: Nome-Beltz Jr/Sr High

Subject: SCIENCE
Test Date: Spring 2022

Achievement Levels

Overall scores on the Science Assessment are divided into four achievement levels: Needs Support, Approaching Proficient, Proficient, and Advanced.

Median Scale Scores

The number of students, median scale score, and standard error are reported at the School, District, and State level in the table below. The median is the middle number in an ordered list of numbers. Unlike a mean (average), it is unaffected by very low or very high test scores. The —●— symbol shows the students' scale score where the dark circle is the score. If the students were to test again, the students' scores would likely fall within the lines on either side of the circle. The standard error decreases as the sample size increases.

For more information on the Alaska Science Assessment please visit education.alaska.gov/assessments/science

Median Score Summary — By Grade

Grade	Group	# Tested	Scale Score Median/Mean	400 500 600 700 800
8	School	37	546/546	
	District	50	557/567	
	State	7,487	591/595	
10	School	43		Data not shown to protect student privacy
	District	45	551/555	
	State	6,276	582/585	

ALASKA SCIENCE ASSESSMENT

School Summary Report

District Name: Nome Public Schools
School Name: Nome-Beltz Jr/Sr High

Subject: Science
Test Date: Spring 2022

Performance by Reporting Category

The table below shows how the performance of the school, district, and state compared to the state standard for proficiency on specific areas of the Science Assessment.

Grade	# Tested	Reporting Category	School	District	State
8	37	Life Science	▽	▽	▽
		Physical Science	▽	▽	▽
		Earth and Space Science	▽	▽	▽
10	43	Life Science		▽	▽
		Physical Science		▽	▽

Performance Results Key

The school, district, or state

△ *did better than* the state standard for proficiency
▽ *did not do as well as* the state standard for proficiency
〓 *did about as well as* the state standard for proficiency
■ *did not attempt any items in this category*

Science Assessment

Alaska Department of Education & Early Development

School Summary Report

District Name: Nome Public Schools
School Name: Nome Elementary

Subject: Science
Test Date: Spring 2022

Achievement Level Summary

Group	# Tested	% in Each Level
School	35	57.1 / 31.4 / 11.4 / 0.0
District	145	51.7 / 22.1 / 20.7 / 5.5
State	21,806	27.4 / 24.7 / 30.4 / 17.4

Achievement Level Summary | By Grade

Grade	Group	# Tested	% in Each Level
5	School	35	57.1 / 31.4 / 11.4 / 0.0
	District	50	42.0 / 28.0 / 26.0 / 4.0
	State	8,043	23.2 / 25.5 / 34.5 / 16.9

Needs Support | Approaching Proficient | Proficient | Advanced

ALASKA SCIENCE ASSESSMENT

School Summary Report

District Name: Nome Public Schools
School Name: Nome Elementary

Subject: SCIENCE
Test Date: Spring 2022

Achievement Levels

Overall scores on the Science Assessment are divided into four achievement levels: Needs Support, Approaching Proficient, Proficient, and Advanced.

Median Scale Scores

The number of students, median scale score, and standard error are reported at the School, District, and State level in the table below. The median is the middle number in an ordered list of numbers. Unlike a mean (average), it is unaffected by very low or very high test scores. The —●— symbol shows the students' scale score where the dark circle is the score. If the students were to test again, the students' scores would likely fall within the lines on either side of the circle. The standard error decreases as the sample size increases.

For more information on the Alaska Science Assessment please visit education.alaska.gov/assessments/science

Median Score Summary — By Grade

Grade	Group	# Tested	Scale Score Median/Mean	400 500 600 700 800
5	School	35	557/563	
	District	50	572/581	
	State	8,043	605/607	

ALASKA SCIENCE ASSESSMENT

School Summary Report

District Name: Nome Public Schools
School Name: Nome Elementary

Subject: Science
Test Date: Spring 2022

Performance by Reporting Category

The table below shows how the performance of the school, district, and state compared to the state standard for proficiency on specific areas of the Science Assessment.

Grade	# Tested	Reporting Category	School	District	State
5	35	Life Science	▽	=	△
		Physical Science	▽	▽	△
		Earth and Space Science	▽	▽	△

Performance Results Key

The school, district, or state

△ *did better than* the state standard for proficiency
= *did about as well as* the state standard for proficiency
▽ *did not do as well as* the state standard for proficiency
□ *did not attempt any items in this category*

Science Assessment

Alaska Department of Education & Early Development

School Summary Report

District Name: Nome Public Schools
School Name: Anvil City Science Academy

Subject: Science
Test Date: Spring 2022

Achievement Level Summary

Group	# Tested	% in Each Level
School	27	7.4 / 18.5 / 55.6 / 18.5
District	145	51.7 / 22.1 / 20.7 / 5.5
State	21,806	27.4 / 24.7 / 30.4 / 17.4

Achievement Level Summary | By Grade

Grade	Group	# Tested	% in Each Level
5	School	15	6.7 / 20.0 / 60.0 / 13.3
	District	50	42.0 / 28.0 / 26.0 / 4.0
	State	8,043	23.2 / 25.5 / 34.5 / 16.9
8	School	12	Data not shown to protect student privacy
	District	50	56.0 / 14.0 / 24.0 / 6.0
	State	7,487	33.2 / 22.2 / 27.2 / 17.3

Needs Support | Approaching Proficient | Proficient | Advanced

ALASKA SCIENCE ASSESSMENT

School Summary Report

District Name: Nome Public Schools
School Name: Anvil City Science Academy
Subject: SCIENCE
Test Date: Spring 2022

Achievement Levels

Overall scores on the Science Assessment are divided into four achievement levels: Needs Support, Approaching Proficient, Proficient, and Advanced.

Median Scale Scores

The number of students, median scale score, and standard error are reported at the School, District, and State level in the table below. The median is the middle number in an ordered list of numbers. Unlike a mean (average), it is unaffected by very low or very high test scores. The —●— symbol shows the students' scale score where the dark circle is the score. If the students were to test again, the students' scores would likely fall within the lines on either side of the circle. The standard error decreases as the sample size increases.

For more information on the Alaska Science Assessment please visit education.alaska.gov/assessments/science

Median Score Summary — By Grade

Grade	Group	# Tested	Scale Score Median/Mean	400 500 600 700 800
5	School	15	614/624	
	District	50	572/581	
	State	8,043	605/607	
8	School	12		Data not shown to protect student privacy
	District	50	557/567	
	State	7,487	591/595	

ALASKA SCIENCE ASSESSMENT

School Summary Report

District Name: Nome Public Schools
School Name: Anvil City Science Academy
Subject: Science
Test Date: Spring 2022

Performance by Reporting Category

The table below shows how the performance of the school, district, and state compared to the state standard for proficiency on specific areas of the Science Assessment.

Grade	# Tested	Reporting Category	School	District	State
5	15	Life Science	=	=	△
		Physical Science	=	▽	△
		Earth and Space Science	=	▽	△
8	12	Life Science		▽	▽
		Physical Science		▽	▽
		Earth and Space Science		▽	▽

Performance Results Key

The school, district, or state

- △ *did better than* the state standard for proficiency
- = *did about as well as* the state standard for proficiency
- ▽ *did not do as well as* the state standard for proficiency
- ■ *did not attempt any items in this category*

Science Assessment

Alaska Department of Education & Early Development

District Summary Report

District Name: Nome Public Schools

Subject: Science

Test Date: Spring 2022

Achievement Level Summary

Group	# Tested	% in Each Level
District	145	51.7 | 22.1 | 20.7 | 5.5
State	21,806	27.4 | 24.7 | 30.4 | 17.4

Achievement Level Summary | By Grade

Grade	Group	# Tested	% in Each Level
5	District	50	42.0 | 28.0 | 26.0 | 4.0
	State	8,043	23.2 | 25.5 | 34.5 | 16.9
8	District	50	56.0 | 14.0 | 24.0 | 6.0
	State	7,487	33.2 | 22.2 | 27.2 | 17.3
10	District	45	57.8 | 24.4 | 11.1 | 6.7
	State	6,276	26.0 | 26.6 | 29.1 | 18.3

Needs Support | Approaching Proficient | Proficient | Advanced

ALASKA SCIENCE ASSESSMENT

District Summary Report

District Name: Nome Public Schools

Subject: Science

Test Date: Spring 2022

Achievement Levels

Overall scores on the Science Assessment are divided into four achievement levels: Needs Support, Approaching Proficient, Proficient, and Advanced.

Median Scale Scores

The number of students, median scale score, and standard error are reported at the District and State level in the table below. The median is the middle number in an ordered list of numbers. Unlike a mean (average), it is unaffected by very low or very high test scores. The —●— symbol shows the students' scale score where the dark circle is the score. If the students were to test again, the students' scores would likely fall within the lines on either side of the circle. The standard error decreases as the sample size increases.

For more information on the Alaska Science Assessment please visit education.alaska.gov/assessments/science

Median Score Summary — By Grade

Grade	Group	# Tested	Scale Score Median/Mean	400 500 600 700 800
5	District	50	572/581	
	State	8,043	605/607	
8	District	50	557/567	
	State	7,487	591/595	
10	District	45	551/555	
	State	6,276	582/585	

ALASKA SCIENCE ASSESSMENT

District Summary Report

District Name: Nome Public Schools

Subject: Science

Test Date: Spring 2022

Performance by Reporting Category

The table below shows how the performance of the district and state compared to the state standard for proficiency on specific areas of the Science Assessment.

Grade	# Tested	Reporting Category	District	State
5	50	Life Science	=	△
		Physical Science	▽	△
		Earth and Space Science	▽	△
8	50	Life Science	▽	▽
		Physical Science	▽	▽
		Earth and Space Science	▽	▽
10	45	Life Science	▽	▽
		Physical Science	▽	▽

Performance Results Key

The district or state

△ *did better than* the state standard for proficiency

= *did about as well as* the state standard for proficiency

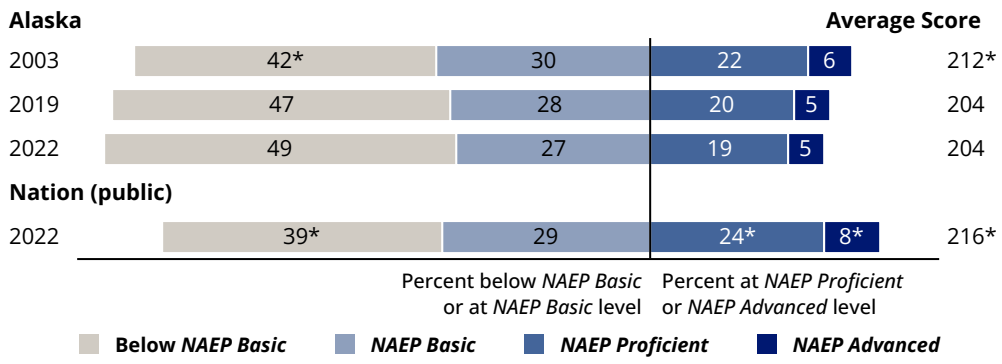
▽ *did not do as well as* the state standard for proficiency

■ *did not attempt any items in this category*

OVERALL RESULTS

- In 2022, the average score of fourth-grade students in Alaska was 204. This was lower than the average score of 216 for students in the nation.
- The average score for students in Alaska in 2022 (204) was not significantly different from their average score in 2019 (204) and was lower than their average score in 2003 (212).
- The percentage of students in Alaska who performed at or above the *NAEP Proficient* level was 24 percent in 2022. This percentage was not significantly different from that in 2019 (25 percent) and in 2003 (28 percent).
- The percentage of students in Alaska who performed at or above the *NAEP Basic* level was 51 percent in 2022. This percentage was not significantly different from that in 2019 (53 percent) and was smaller than that in 2003 (58 percent).

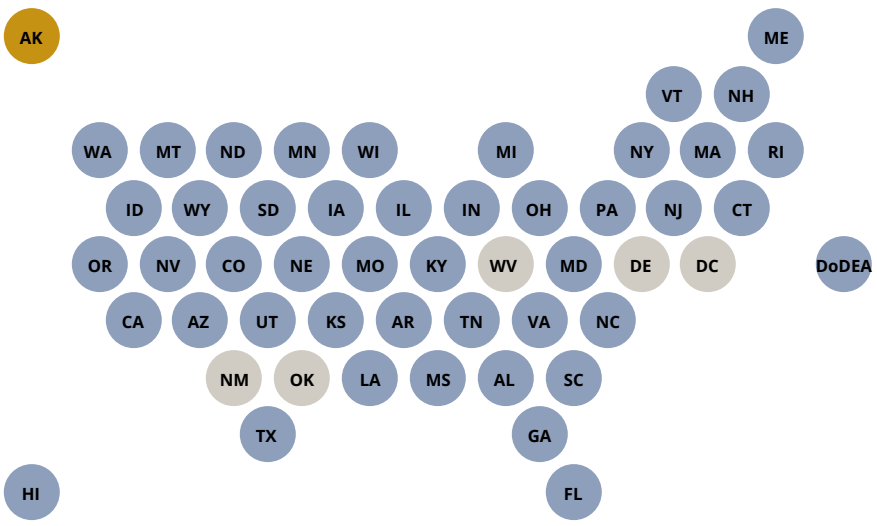
NAEP ACHIEVEMENT-LEVEL PERCENTAGES AND AVERAGE SCORE RESULTS



* Significantly different ($p < .05$) from state's results in 2022. Significance tests were performed using unrounded numbers.

NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.

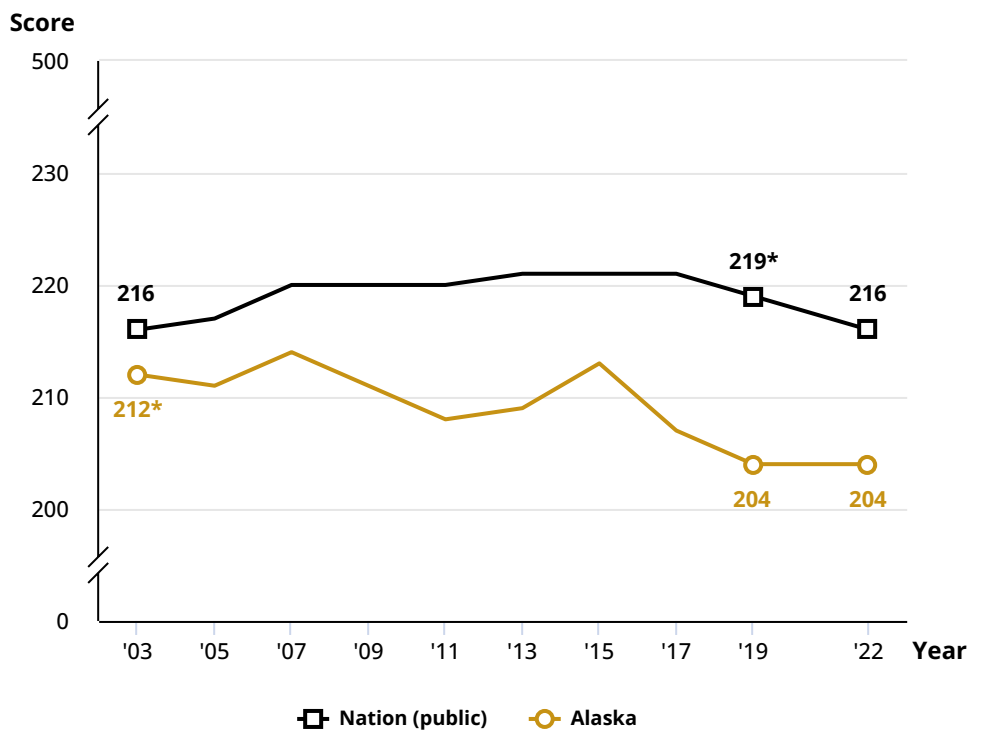
COMPARE THE AVERAGE SCORE IN 2022 TO OTHER STATES/ JURISDICTIONS



In 2022, the average score in Alaska (204) was
- lower than those in 46 states/jurisdictions
- higher than those in 0 states/jurisdictions
- not significantly different from those in 5 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)

AVERAGE SCORES FOR STATE/JURISDICTION AND THE NATION (PUBLIC)



* Significantly different ($p < .05$) from 2022. Significance tests were performed using unrounded numbers.

RESULTS FOR STUDENT GROUPS IN 2022

REPORTING GROUPS	PERCENTAGE OF STUDENTS	AVG. SCORE	PERCENTAGE AT OR ABOVE *NAEP* *BASIC*	PERCENTAGE AT OR ABOVE *NAEP* *PROFICIENT*	PERCENTAGE AT *NAEP* *ADVANCED*
Race/Ethnicity					
White	42	220	67	35	9
Black	2	‡	‡	‡	‡
Hispanic	8	214	62	28	5
Asian	5	211	57	26	5
American Indian/Alaska Native	23	168	19	6	#
Native Hawaiian/Pacific Islander	4	‡	‡	‡	‡
Two or more races	15	207	55	24	3
Gender					
Male	49	197	46	21	4
Female	51	210	56	28	6
National School Lunch Program					
Eligible	46	188	36	13	2
Not eligible	52	218	65	34	8

Rounds to zero.
‡ Reporting standards not met.
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

SCORE GAPS FOR STUDENT GROUPS

- Data are not reported for Black students in 2022, because reporting standards were not met.
- In 2022, Hispanic students had an average score that was not significantly different from that for White students.
- In 2022, male students in Alaska had an average score that was lower than that for female students by 13 points.
- In 2022, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 30 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (32 points).

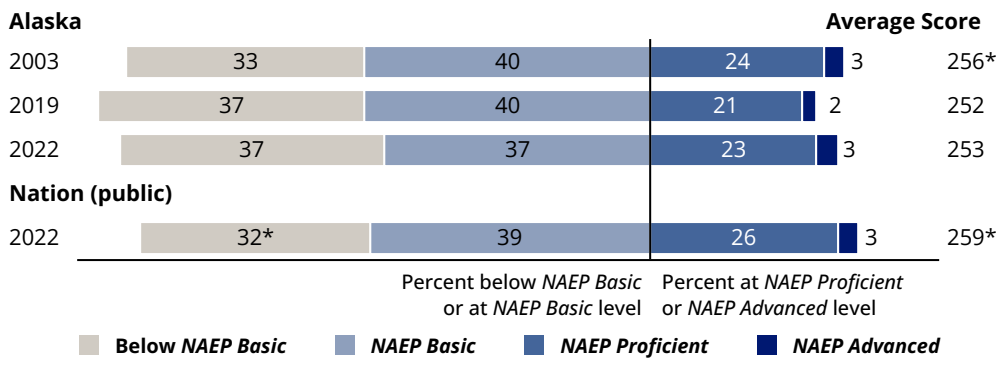
ies NATIONAL CENTER FOR EDUCATION STATISTICS
Institute of Education Sciences

NOTE: The NAEP reading scale ranges from 0 to 500. Results presented in this report are based on public school students only. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Score gap results for "White," "Black," and "Hispanic" presented in this report are based on the 6-category race/ethnicity variable with data available starting in early 1990s. Read more about how to interpret NAEP results from the reading assessment at interpret results. For more information and additional comparisons please visit the Nation's Report Card and NAEP Data Explorer.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003-2022 Reading Assessments.

OVERALL RESULTS

- In 2022, the average score of eighth-grade students in Alaska was 253. This was lower than the average score of 259 for students in the nation.
- The average score for students in Alaska in 2022 (253) was not significantly different from their average score in 2019 (252) and was lower than their average score in 2003 (256).
- The percentage of students in Alaska who performed at or above the *NAEP Proficient* level was 26 percent in 2022. This percentage was not significantly different from that in 2019 (23 percent) and in 2003 (27 percent).
- The percentage of students in Alaska who performed at or above the *NAEP Basic* level was 63 percent in 2022. This percentage was not significantly different from that in 2019 (63 percent) and in 2003 (67 percent).

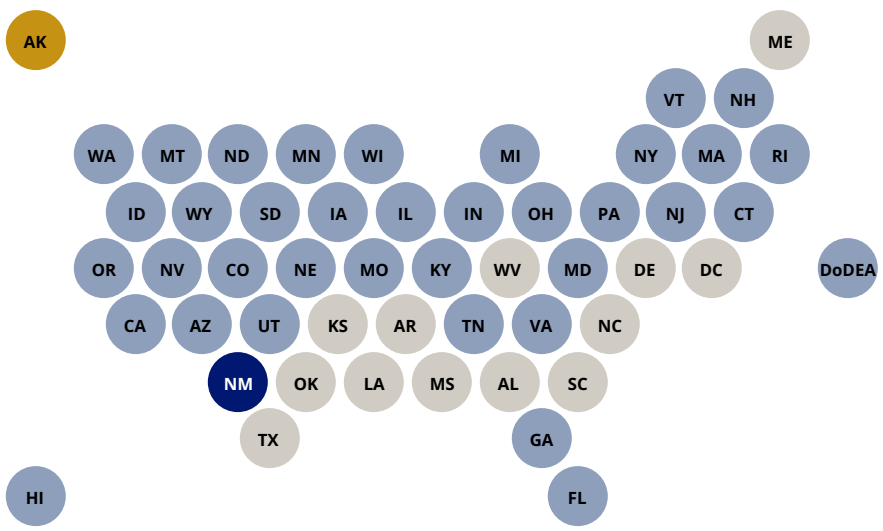
NAEP ACHIEVEMENT-LEVEL PERCENTAGES AND AVERAGE SCORE RESULTS



* Significantly different ($p < .05$) from state's results in 2022. Significance tests were performed using unrounded numbers.

NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.

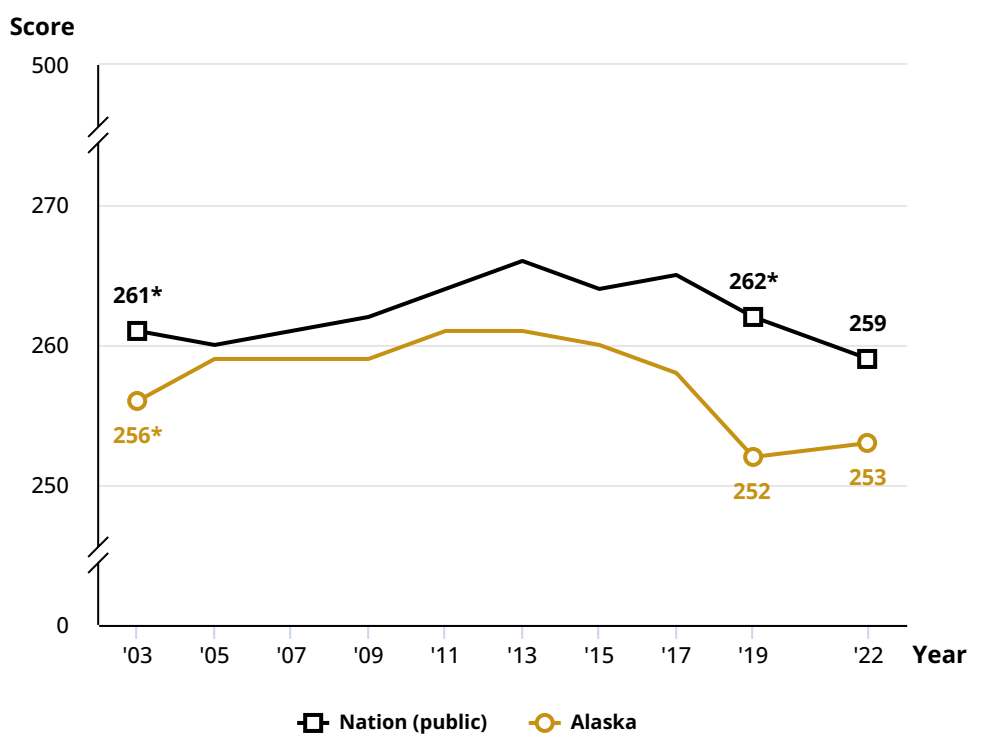
COMPARE THE AVERAGE SCORE IN 2022 TO OTHER STATES/ JURISDICTIONS



In 2022, the average score in Alaska (253) was
- lower than those in 37 states/jurisdictions
- higher than those in 1 states/jurisdictions
- not significantly different from those in 13 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)

AVERAGE SCORES FOR STATE/JURISDICTION AND THE NATION (PUBLIC)



* Significantly different ($p < .05$) from 2022. Significance tests were performed using unrounded numbers.

RESULTS FOR STUDENT GROUPS IN 2022

REPORTING GROUPS	PERCENTAGE OF STUDENTS	AVG. SCORE	PERCENTAGE AT OR ABOVE *NAEP* *BASIC*	PERCENTAGE AT OR ABOVE *NAEP* *PROFICIENT*	PERCENTAGE AT *NAEP* *ADVANCED*
Race/Ethnicity					
White	43	269	79	39	4
Black	3	‡	‡	‡	‡
Hispanic	8	254	66	25	2
Asian	7	254	64	23	2
American Indian/Alaska Native	23	222	32	7	#
Native Hawaiian/Pacific Islander	3	‡	‡	‡	‡
Two or more races	12	257	69	25	2
Gender					
Male	53	245	56	20	1
Female	47	261	71	33	4
National School Lunch Program					
Eligible	42	236	47	13	1
Not eligible	56	265	75	36	4

Rounds to zero.
‡ Reporting standards not met.
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

SCORE GAPS FOR STUDENT GROUPS

- Data are not reported for Black students in 2022, because reporting standards were not met.
- In 2022, Hispanic students had an average score that was 15 points lower than that for White students. This performance gap was not significantly different from that in 2003 (21 points).
- In 2022, male students in Alaska had an average score that was lower than that for female students by 16 points.
- In 2022, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 30 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (24 points).

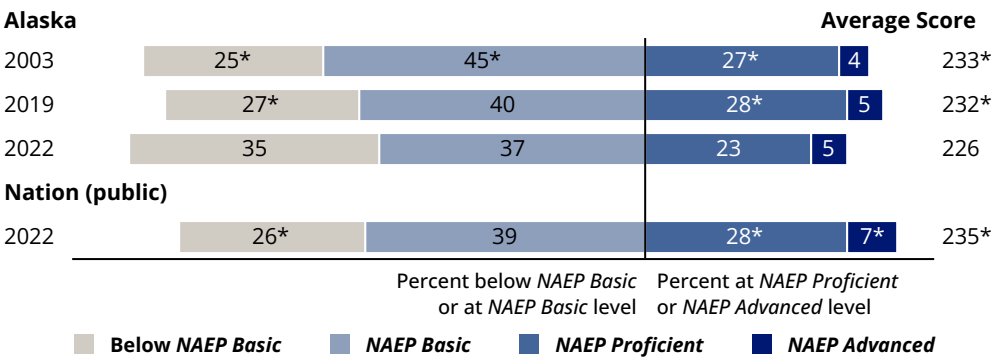
ies NATIONAL CENTER FOR EDUCATION STATISTICS
Institute of Education Sciences

NOTE: The NAEP reading scale ranges from 0 to 500. Results presented in this report are based on public school students only. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Score gap results for "White," "Black," and "Hispanic" presented in this report are based on the 6-category race/ethnicity variable with data available starting in early 1990s. Read more about how to interpret NAEP results from the reading assessment at interpret results. For more information and additional comparisons please visit the Nation's Report Card and NAEP Data Explorer.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003-2022 Reading Assessments.

OVERALL RESULTS

- In 2022, the average score of fourth-grade students in Alaska was 226. This was lower than the average score of 235 for students in the nation.
- The average score for students in Alaska in 2022 (226) was lower than their average score in 2019 (232) and in 2003 (233).
- The percentage of students in Alaska who performed at or above the *NAEP Proficient* level was 28 percent in 2022. This percentage was smaller than that in 2019 (33 percent) and was not significantly different from that in 2003 (30 percent).
- The percentage of students in Alaska who performed at or above the *NAEP Basic* level was 65 percent in 2022. This percentage was smaller than that in 2019 (73 percent) and in 2003 (75 percent).

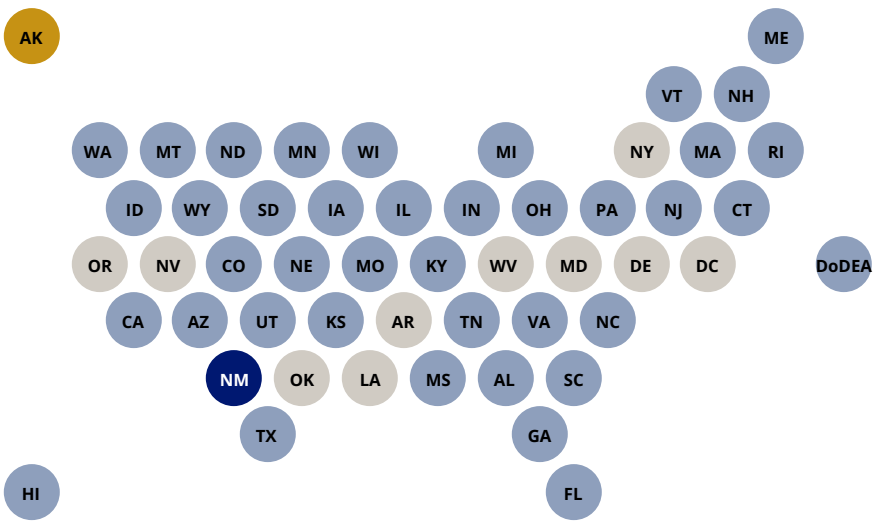
NAEP ACHIEVEMENT-LEVEL PERCENTAGES AND AVERAGE SCORE RESULTS



* Significantly different ($p < .05$) from state's results in 2022. Significance tests were performed using unrounded numbers.

NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.

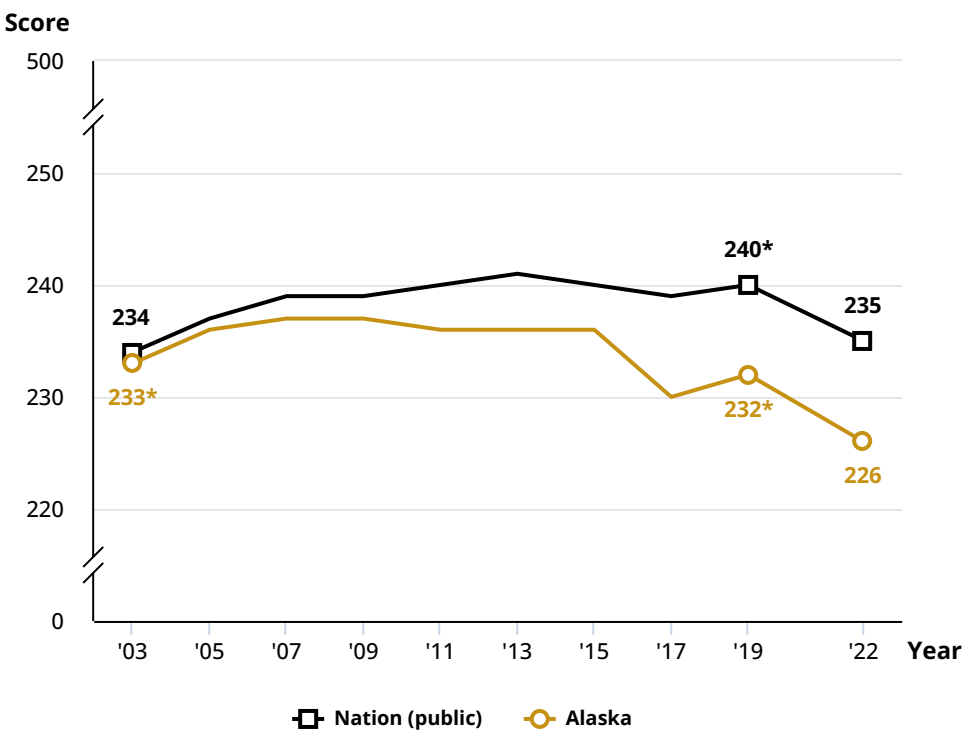
COMPARE THE AVERAGE SCORE IN 2022 TO OTHER STATES/ JURISDICTIONS



In 2022, the average score in Alaska (226) was
- lower than those in 40 states/jurisdictions
- higher than those in 1 states/jurisdictions
- not significantly different from those in 10 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)
NOTE: Puerto Rico was not included in the comparison results.

AVERAGE SCORES FOR STATE/JURISDICTION AND THE NATION (PUBLIC)



* Significantly different ($p < .05$) from 2022. Significance tests were performed using unrounded numbers.

RESULTS FOR STUDENT GROUPS IN 2022

REPORTING GROUPS	PERCENTAGE OF STUDENTS	AVG. SCORE	PERCENTAGE AT OR ABOVE *NAEP* *BASIC*	PERCENTAGE AT OR ABOVE *NAEP* *PROFICIENT*	PERCENTAGE AT *NAEP* *ADVANCED*
Race/Ethnicity					
White	42	242	82	43	8
Black	2	‡	‡	‡	‡
Hispanic	9	228	67	24	3
Asian	5	227	68	23	4
American Indian/Alaska Native	23	197	32	7	1
Native Hawaiian/Pacific Islander	4	214	50	12	1
Two or more races	15	230	70	26	4
Gender					
Male	50	224	61	28	5
Female	50	228	69	27	4
National School Lunch Program					
Eligible	47	213	51	14	1
Not eligible	52	238	78	40	8

‡ Reporting standards not met.
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

SCORE GAPS FOR STUDENT GROUPS

- Data are not reported for Black students in 2022, because reporting standards were not met.
- In 2022, Hispanic students had an average score that was 14 points lower than that for White students. This performance gap was not significantly different from that in 2003 (14 points).
- In 2022, male students in Alaska had an average score that was not significantly different from that for female students.
- In 2022, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 25 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (21 points).

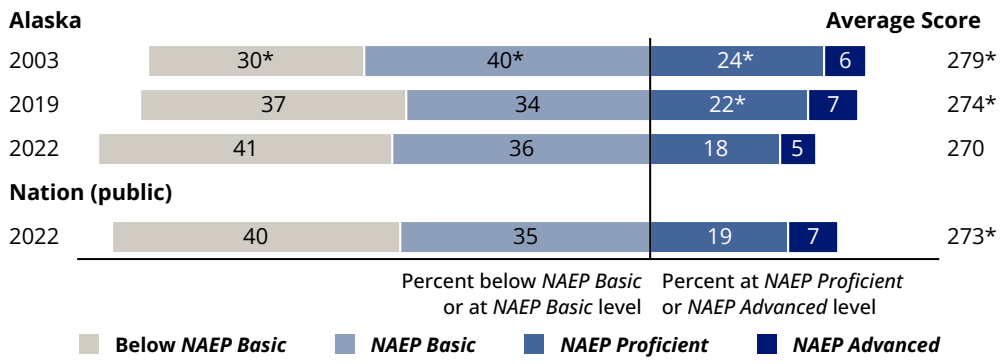
ies NATIONAL CENTER FOR EDUCATION STATISTICS
Institute of Education Sciences

NOTE: The NAEP mathematics scale ranges from 0 to 500. Results presented in this report are based on public school students only. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Score gap results for "White," "Black," and "Hispanic" presented in this report are based on the 6-category race/ethnicity variable with data available starting in early 1990s. Read more about how to interpret NAEP results from the mathematics assessment at interpret results. For more information and additional comparisons please visit the Nation's Report Card and NAEP Data Explorer.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003-2022 Mathematics Assessments.

OVERALL RESULTS

- In 2022, the average score of eighth-grade students in Alaska was 270. This was lower than the average score of 273 for students in the nation.
- The average score for students in Alaska in 2022 (270) was lower than their average score in 2019 (274) and in 2003 (279).
- The percentage of students in Alaska who performed at or above the *NAEP Proficient* level was 23 percent in 2022. This percentage was smaller than that in 2019 (29 percent) and in 2003 (30 percent).
- The percentage of students in Alaska who performed at or above the *NAEP Basic* level was 59 percent in 2022. This percentage was not significantly different from that in 2019 (63 percent) and was smaller than that in 2003 (70 percent).

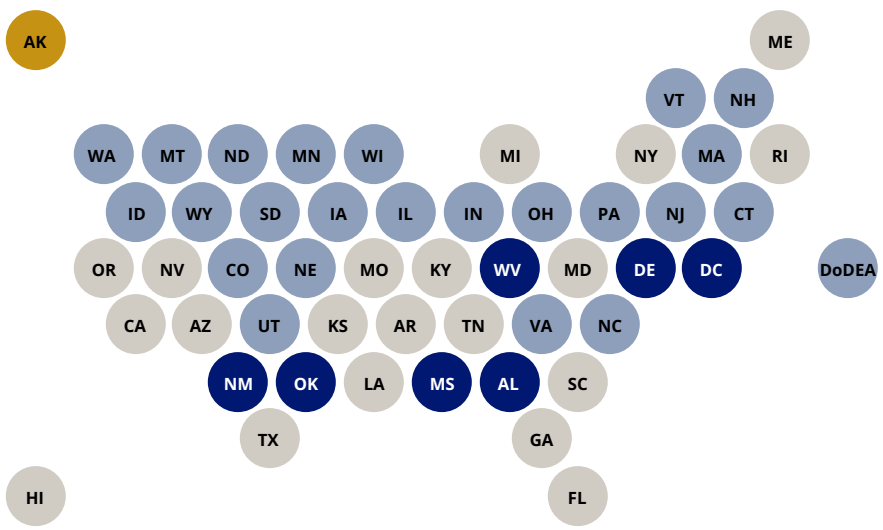
NAEP ACHIEVEMENT-LEVEL PERCENTAGES AND AVERAGE SCORE RESULTS



* Significantly different ($p < .05$) from state's results in 2022. Significance tests were performed using unrounded numbers.

NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.

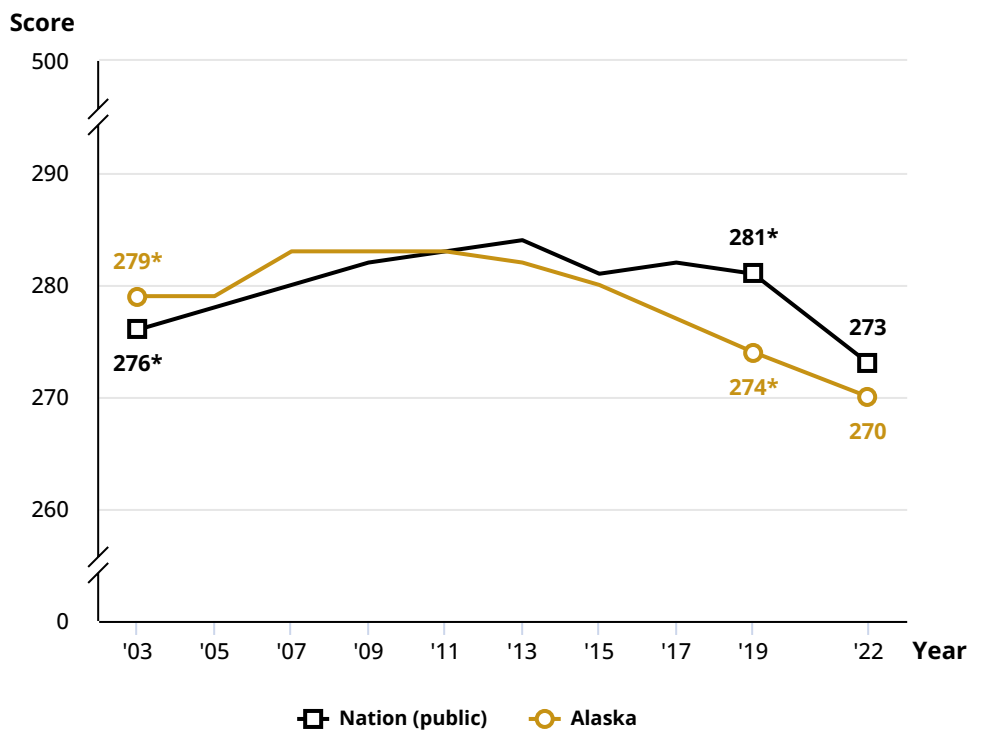
COMPARE THE AVERAGE SCORE IN 2022 TO OTHER STATES/ JURISDICTIONS



In 2022, the average score in Alaska (270) was
- lower than those in 24 states/jurisdictions
- higher than those in 7 states/jurisdictions
- not significantly different from those in 20 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)
NOTE: Puerto Rico was not included in the comparison results.

AVERAGE SCORES FOR STATE/JURISDICTION AND THE NATION (PUBLIC)



* Significantly different ($p < .05$) from 2022. Significance tests were performed using unrounded numbers.

RESULTS FOR STUDENT GROUPS IN 2022

REPORTING GROUPS	PERCENTAGE OF STUDENTS	AVG. SCORE	PERCENTAGE AT OR ABOVE *NAEP* *BASIC*	PERCENTAGE AT OR ABOVE *NAEP* *PROFICIENT*	PERCENTAGE AT *NAEP* *ADVANCED*
Race/Ethnicity					
White	44	285	75	34	9
Black	3	‡	‡	‡	‡
Hispanic	8	266	54	17	4
Asian	7	276	67	25	3
American Indian/Alaska Native	23	245	32	9	1
Native Hawaiian/Pacific Islander	3	‡	‡	‡	‡
Two or more races	13	272	62	23	3
Gender					
Male	53	271	60	26	6
Female	47	268	58	21	4
National School Lunch Program					
Eligible	42	254	43	11	1
Not eligible	57	282	71	32	8

‡ Reporting standards not met.
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

SCORE GAPS FOR STUDENT GROUPS

- Data are not reported for Black students in 2022, because reporting standards were not met.
- In 2022, Hispanic students had an average score that was 19 points lower than that for White students. This performance gap was not significantly different from that in 2003 (27 points).
- In 2022, male students in Alaska had an average score that was not significantly different from that for female students.
- In 2022, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 27 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (25 points).

ies NATIONAL CENTER FOR EDUCATION STATISTICS
Institute of Education Sciences

NOTE: The NAEP mathematics scale ranges from 0 to 500. Results presented in this report are based on public school students only. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Score gap results for "White," "Black," and "Hispanic" presented in this report are based on the 6-category race/ethnicity variable with data available starting in early 1990s. Read more about how to interpret NAEP results from the mathematics assessment at interpret results. For more information and additional comparisons please visit the Nation's Report Card and NAEP Data Explorer.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003-2022 Mathematics Assessments.