



Medicine Lake School District #7
2018-2019 School Year

ACT Data

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ACT Data

Composite Score (Maximum Score = 36)

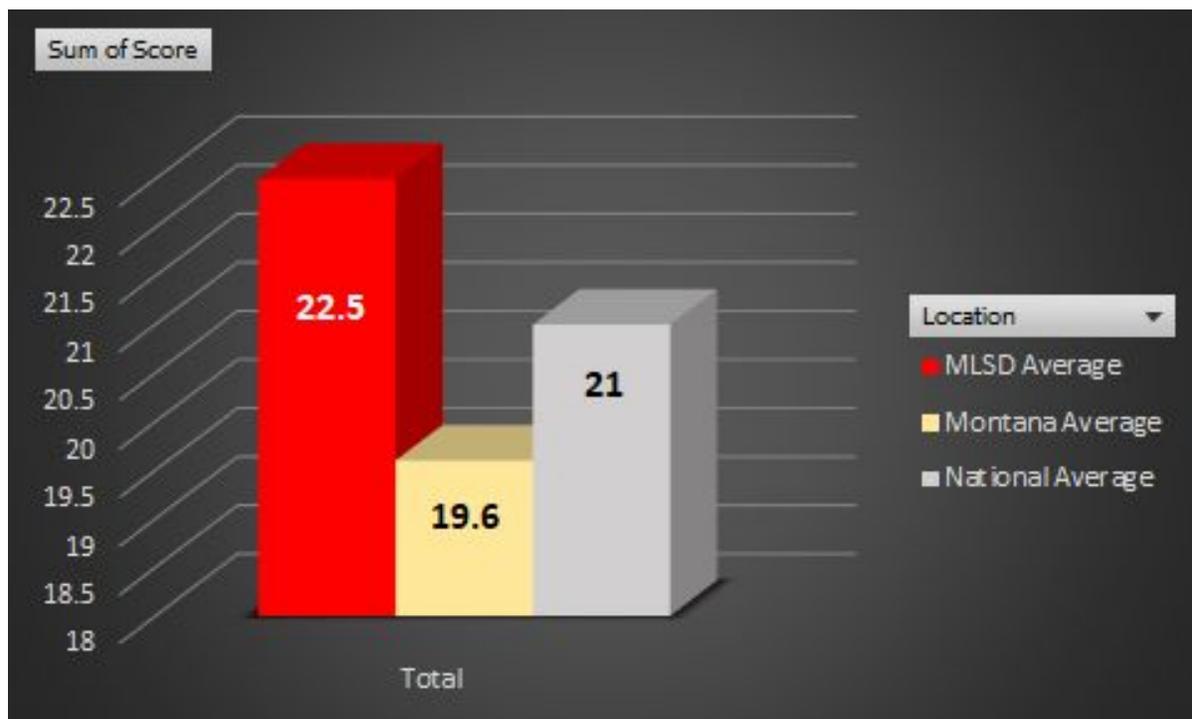
Entrance into the Montana University System = 22

National Average ACT Score = 21

State Average ACT Score = 19.6¹

Average Composite Score for MLSD

22.5



¹ Composite score averages are based on data for **graduating** class of 2018 - not when test was taken junior year - data also does not include graduation rate data.

ACT Benchmarks

The maximum score for any standardized testing section of the ACT is 36.

Subtest	College Courses	Benchmark Score
English	College Composition 1	18
Math	College Algebra	22
Reading	American History, Psychology, Sociology, etc.	22
Science	Biology	23
STEM	Calculus, Chemistry, Physics	26
ELA	Combination of English and Reading	20
Writing	Utilized for entrance into certain disciplines	6-7

Test takers can earn a maximum score of 12 on each of the 4 subdomains of the **writing** portion of the assessment. Those domains are:

- 1. Ideas and Analysis**
- 2. Development & Support**
- 3. Organization**
- 4. Language Use and Conventions**

The score students receive is an average of each of the four subdomains on a scale of 2-12 as rated by two readers.

	<u>Example:</u>	
Subdomain	Rater 1	Rater 2
Ideas and Analysis	4	4
Development & Support	6	5
Organization	4	3
<u>Language Use and Conventions</u>	<u>6</u>	<u>6</u>
Total (add all and divide by 4)=	5	4.5

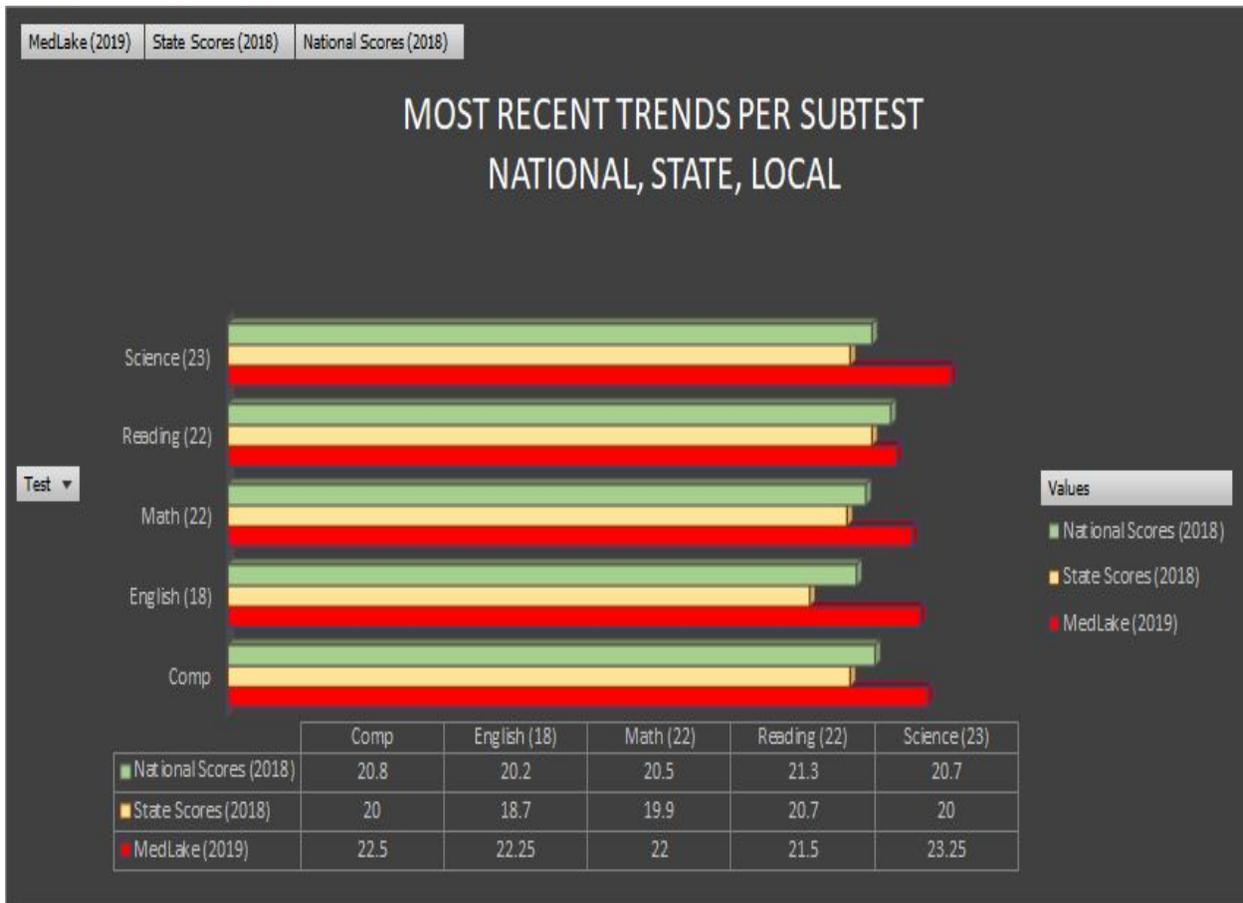
Score (add both raters' scores;

Round up scores with .5 or higher) = $5+4.5 = 9.5$

Final Score = 10

The current national average for the writing portion is between 6-7.

The average writing score for MLSD is 6.2.



Composite²

Outperformed other students in the nation by 1.7 points and students in Montana by 2.5 points.

English

Outperformed other students in the nation by 2.05 points and students in Montana by 3.6 points.

Math

Outperformed other students in the nation by 1.5 points and students in Montana by 2.1 points.

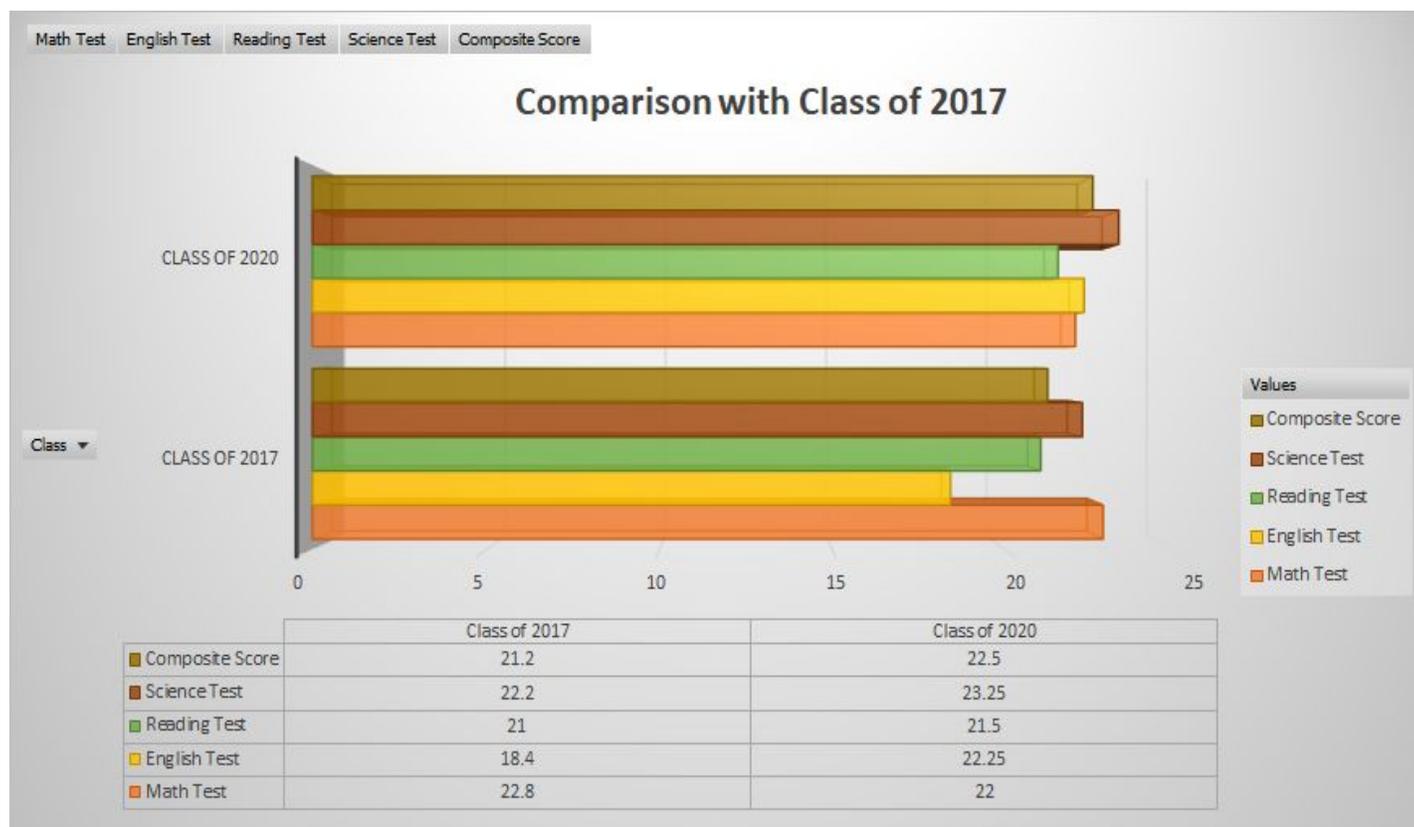
Reading

Outperformed other students in the nation by .2 points and students in Montana by .8 points.

Science

² This year's Medicine Lake junior class as compared to the 2018 **graduating class**:

Outperformed other students in the nation by 2.6 points and students in Montana by 3.3 points.



The most Current data from OPI is from the graduating class of 2017.

Comparison data shows the following 3-year trends:

Increase of 1.3 points in overall Composite Score

Increase of 1.05 points on Science subtest

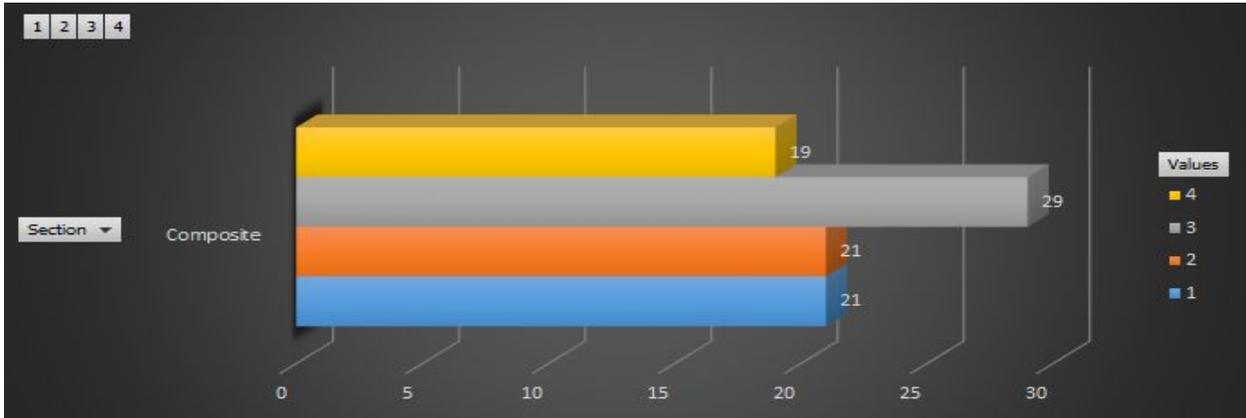
Increase of .5 points on Reading subtest

Increase of 2.85 points on English subtest

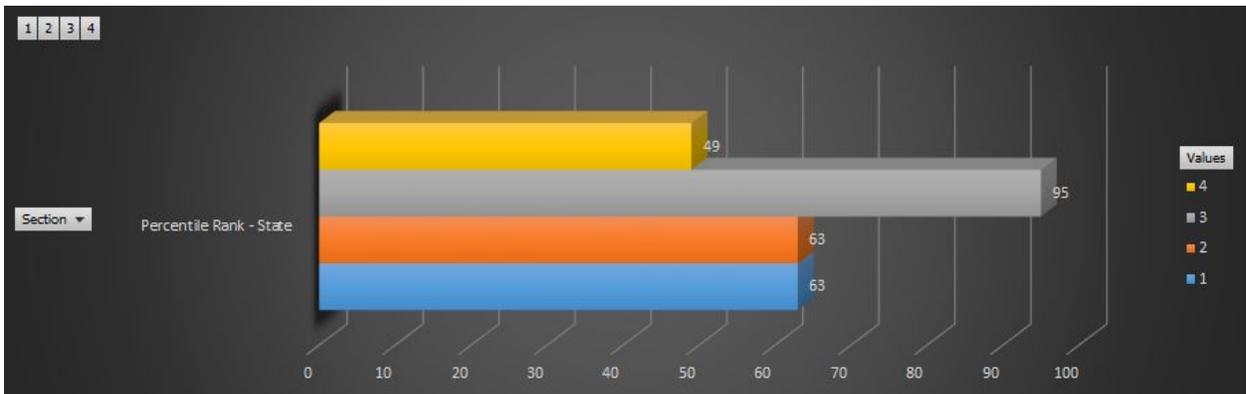
Decrease of .8 points on Math subtest

Individual Results

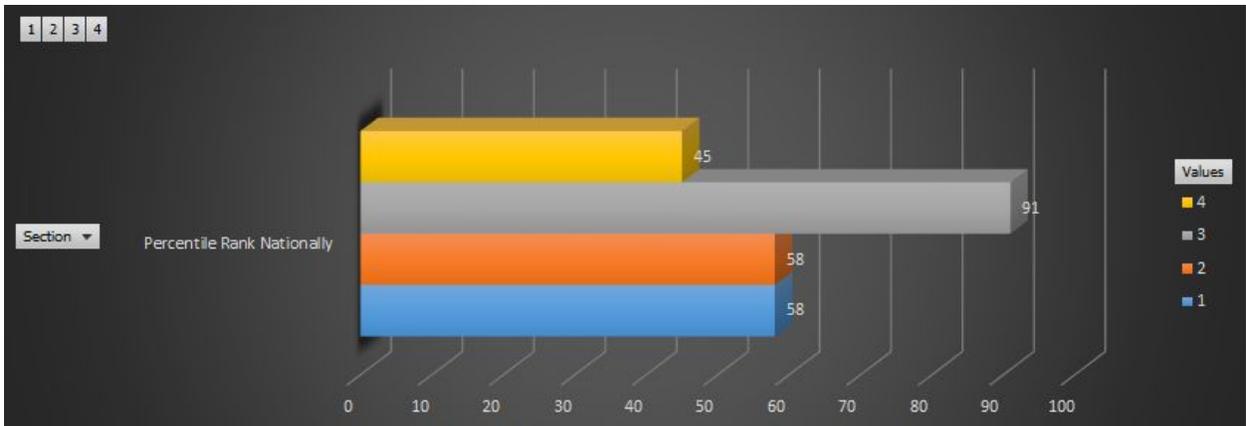
Medicine Lake Students' Composite Scores



Medicine Lake Students' Percentile Rankings - Montana



Medicine Lake Students' Percentile Rankings - USA



Implications

1. Students have been making strides in ***spite*** of a lack of structured, professional instruction in English and Reading.
 - a. Continued growth in these areas will require guided instruction in concepts and analysis of literature
2. Students have demonstrated proficiency on the writing test, scoring on par with the national average.
 - a. Progress in this area will require direct instruction in writing processes, concepts, idea generation and support, conventions and language usage
3. Students have demonstrated a slight decrease in mathematics knowledge from the most recent test results (3 years prior).
 - a. A lack of professional math instruction in these areas is a contributing factor to a decrease in these areas.

Limitations

1. These data are not indicative of all students' abilities in these areas, as the data gaps are expansive.
 - a. There is no data tracked in Infinite Campus for any test, ACT or otherwise, prior to the 2018-2019 school year
 - b. GEMS reporting systems will not post any data for classes of students with fewer than 5 members, which makes it vitally important that data is tracked locally
 - c. The most recent data was for the graduating class of 2017
 - d. Utilizing data based on *graduating class* means that data is a year older than the year in which it was used for analysis
 - i. Example: Graduating class of 2017 data came from students who took the test as juniors, the year before, in 2016
2. Since the sample size is so small, one student scoring to the extreme on either side of the norm will skew data sets.
 - a. This was the case with the most recent group
 - i. The average composite score of 3 students who were tested is 20.3
 - ii. The 4th student tested achieved a composite score of 29; thereby, skewing the overall composite data by over 2 points
3. Lack of direct instruction in these areas may have contributed to lower subtest scores in the areas of Reading and Math.