

## $2024 F=m a$ Contest Results

In 2024 there was one $F=m a$ exam administered on February 8, 2024. The data from the exam is in the table below.

|  | F=ma: Statistics |
| :--- | :---: |
| Number of scored exams | 6061 |
| Minimum Score | 0 |
| Maximum Score | 24 |
| Median Score | 7 |
| Mean Score | 7.93 |
| Standard Deviation | 3.74 |

Score distribution for the exam is in the histograms below. The vertical scale is the number of scores; the horizontal scale is the score.


Our goal is to invite up to 500 top students to take the USAPhO exam. This year, the minimum score necessary to get an invitation to the 2024 USAPhO is:

## 14 points.

The number of students who scored 14 or more is $\mathbf{5 0 0}$.

