

# 2024 Climate Literacy Survey at Livermore and Granada High Schools

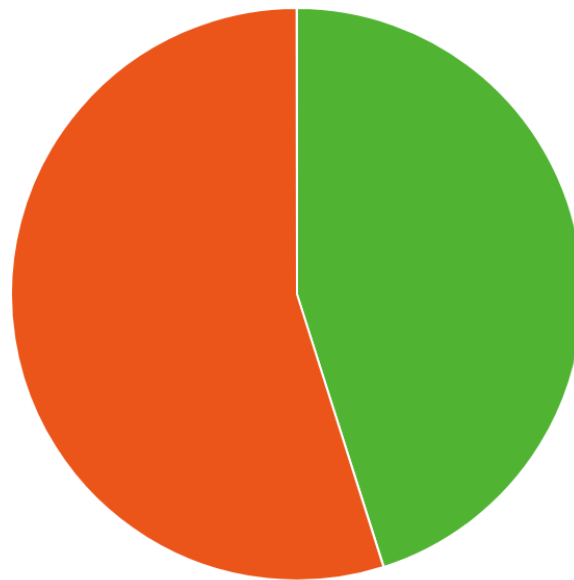
## Tri-Valley Youth Climate Action Project

### Quest Science Center

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Summary: Following the Livermore Youth Climate Summit in September 2023, students in the Tri-Valley Youth Climate Action Project, sponsored by Quest Science Center, undertook a survey activity in the two LVJUSD high schools to understand attitudes and concerns about climate change among high school students. Working with their principals, survey's went out to all members of the student body, plus teachers and administrative staff. Over 600 responses total from both Livermore and Granada High Schools were received.

### By School

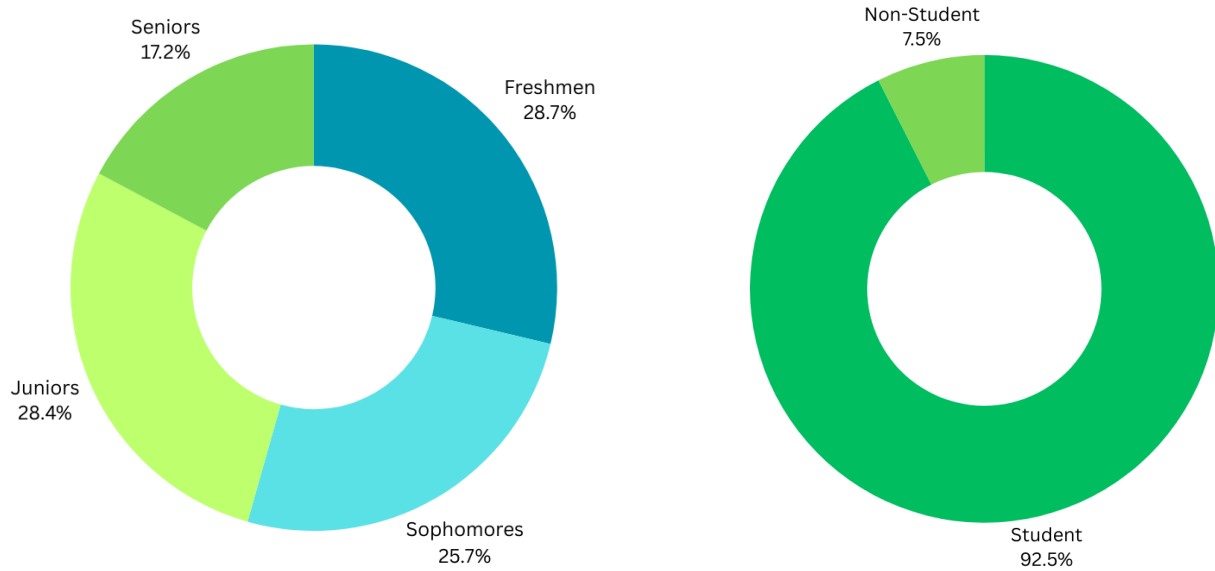


■ Livermore High School ■ Granada High School

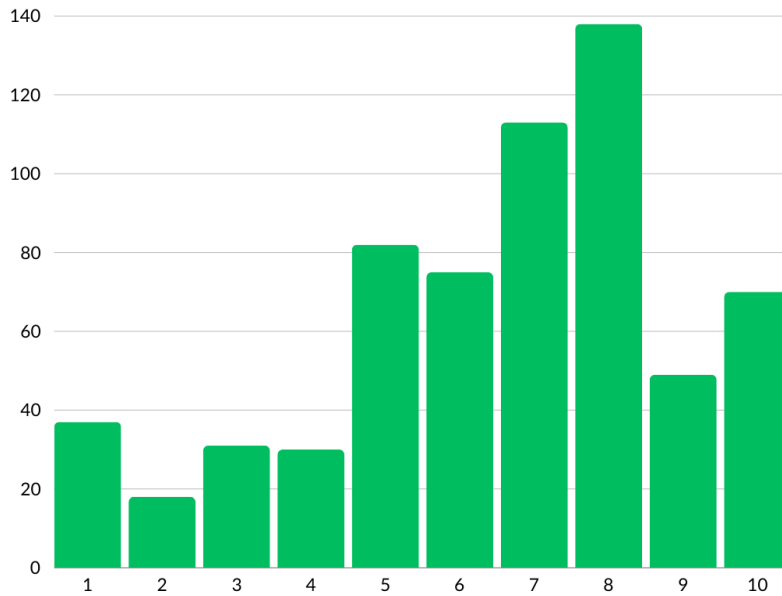
**Livermore High School: 290 - 45.1% | Granada High School: 353 - 54.9%**

The data represents 15% of the student population from both schools, with Livermore's student body being slightly smaller than Granada. Alongside the students, 7% of the respondents were educators, paraeducators, or admin. Freshman, Sophomores

and Juniors had nearly the same percentage response rate. Senior responses were down compared to the other grades.

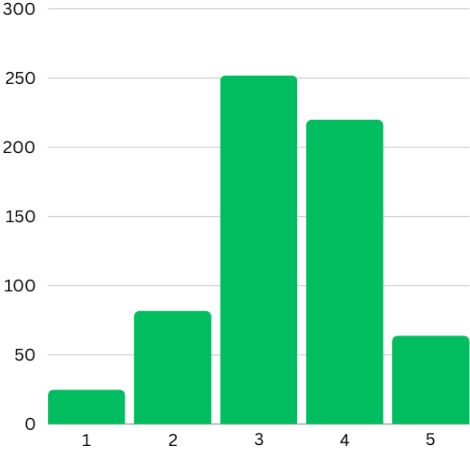


**Question #1: How concerned are you about climate change from 1-10?**



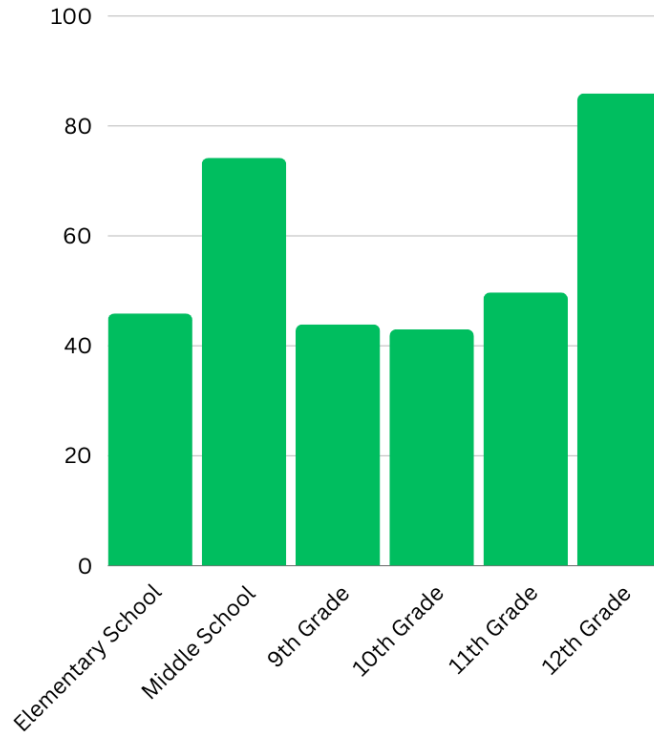
Over 80% of respondents (81.9%) reported that they are at least somewhat concerned (marking 5 and above on the question). Half of that, or 40% of the total sample size, marked themselves as very concerned (marking 8 and above on the question). The average of the responses is 6.5 and the median is 7.

**Question #2: How educated do you feel about climate change from 1-5?**



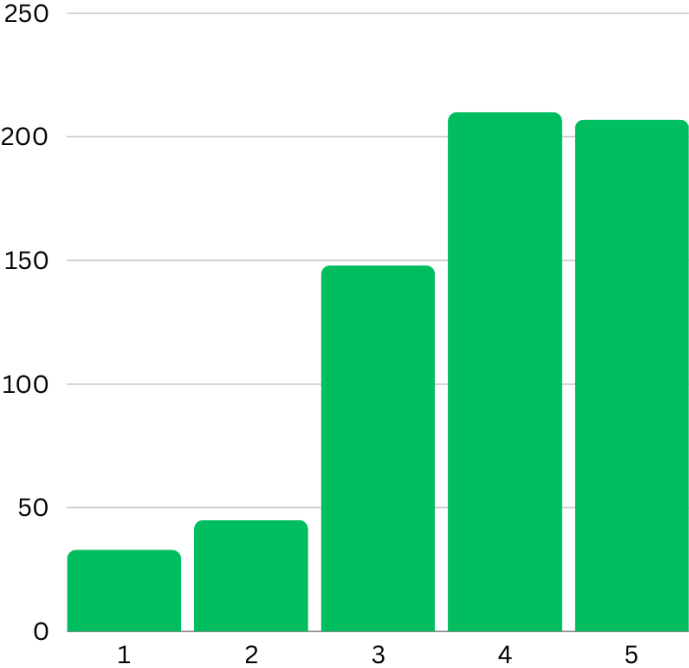
A large number of respondents felt at least somewhat educated on climate change. 44% responded with a 4 or 5, implying that they feel more confident in their education than most. 39% fell in the middle, responding with a 3. The other 17% felt not very well educated, responding with a 1 or 2. In general, respondents who marked themselves as more highly educated also marked themselves as more concerned about climate change. The average of the data is 3.3 and the median is 3.

**Question #3: If at all, in which grades did you learn about Climate Change or Environmental Science?**



This data is organized based on the **percent of respondents** rather than number. This is because the data had to be processed with regard to those who had not yet taken courses in 10th, 11th, and 12th grade. The values given are the percent of respondents who have/are in the grades given. The only two sections where over half of respondents reported they had learned about climate change or environmental science are Middle School (6th, 7th, and 8th grade) and 12th Grade. About 50% of students receive climate change/environmental learning in primary school, 75% receive it in Middle School. 90% receive it in High School. This averages to 2.5-3.0 classes which cover these areas in their curriculum in all of pre-collegiate education.

**Question #4 How strongly do you feel that a greater effort should be put into educating students on Climate Change?**



This data indicates a greater understanding in the importance of climate change than Question #1. The median was 4 and the average was 3.8 for respondents. Over half of respondents, 65%, marked that a greater effort should be put into educating students on climate change. Compare this to 40% of respondents marking themselves as very concerned about climate change. This could be interpreted as 1) those who feel uneducated and marked that they were less concerned still have an interest in learning more or 2) people are generally hopeful but still believe climate change is an important topic.