Hanover High School
2023 Advanced Placement Exams

School Committee Meeting, September 27, 2023

Hanover High School
AP Overview

2022-2023 School Year

- Students enrolled in AP classes take the exam in May
- Multiple choice and open response (essay or problem solving)
- Some colleges may grant credit or waive requirements
- National standardized test for students enrolled in AP classes
- Scores are weighted and scaled 1-5, with 5 being the highest
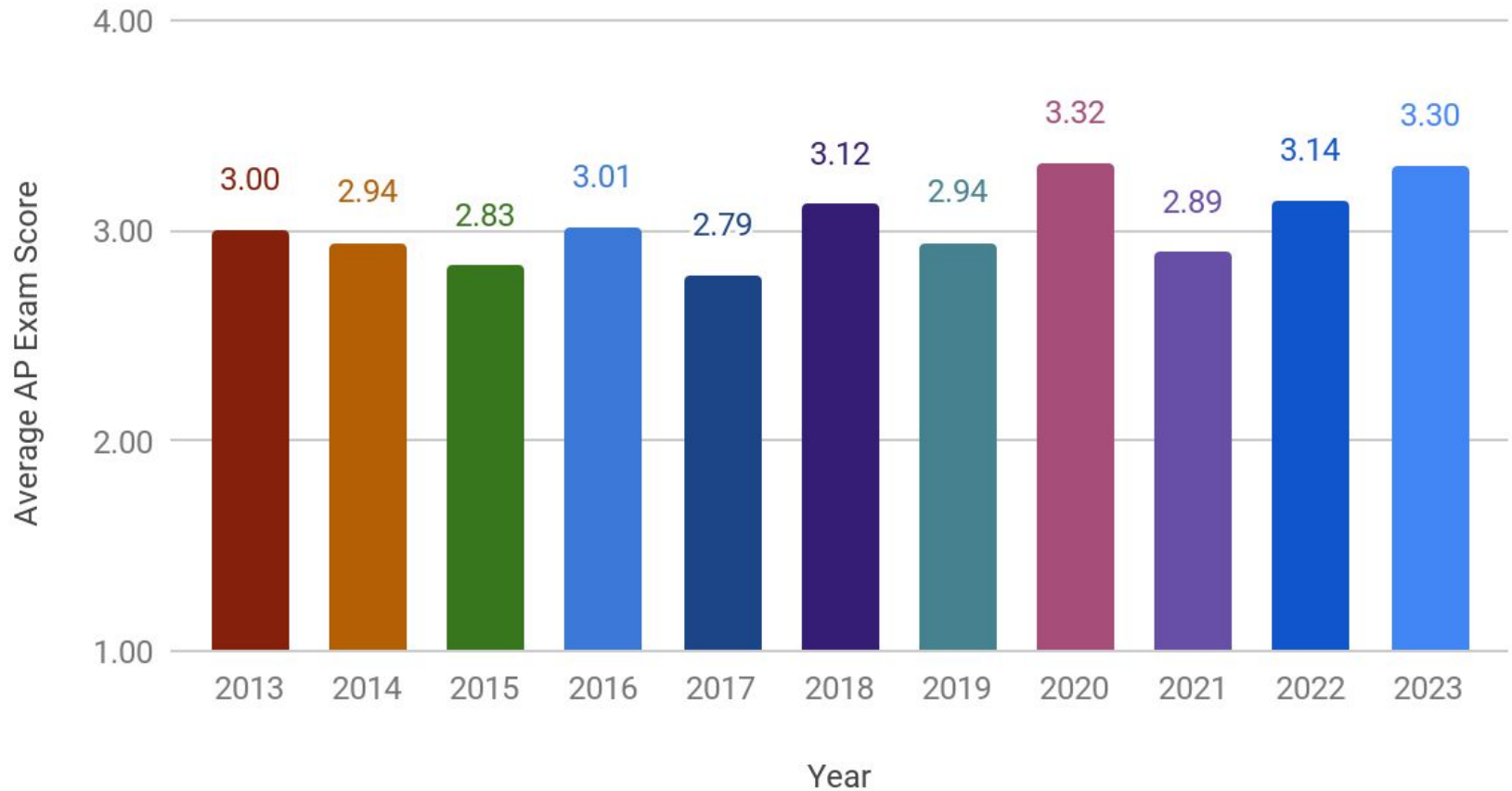- Scores of 3, 4, or 5 are considered "qualifying scores"
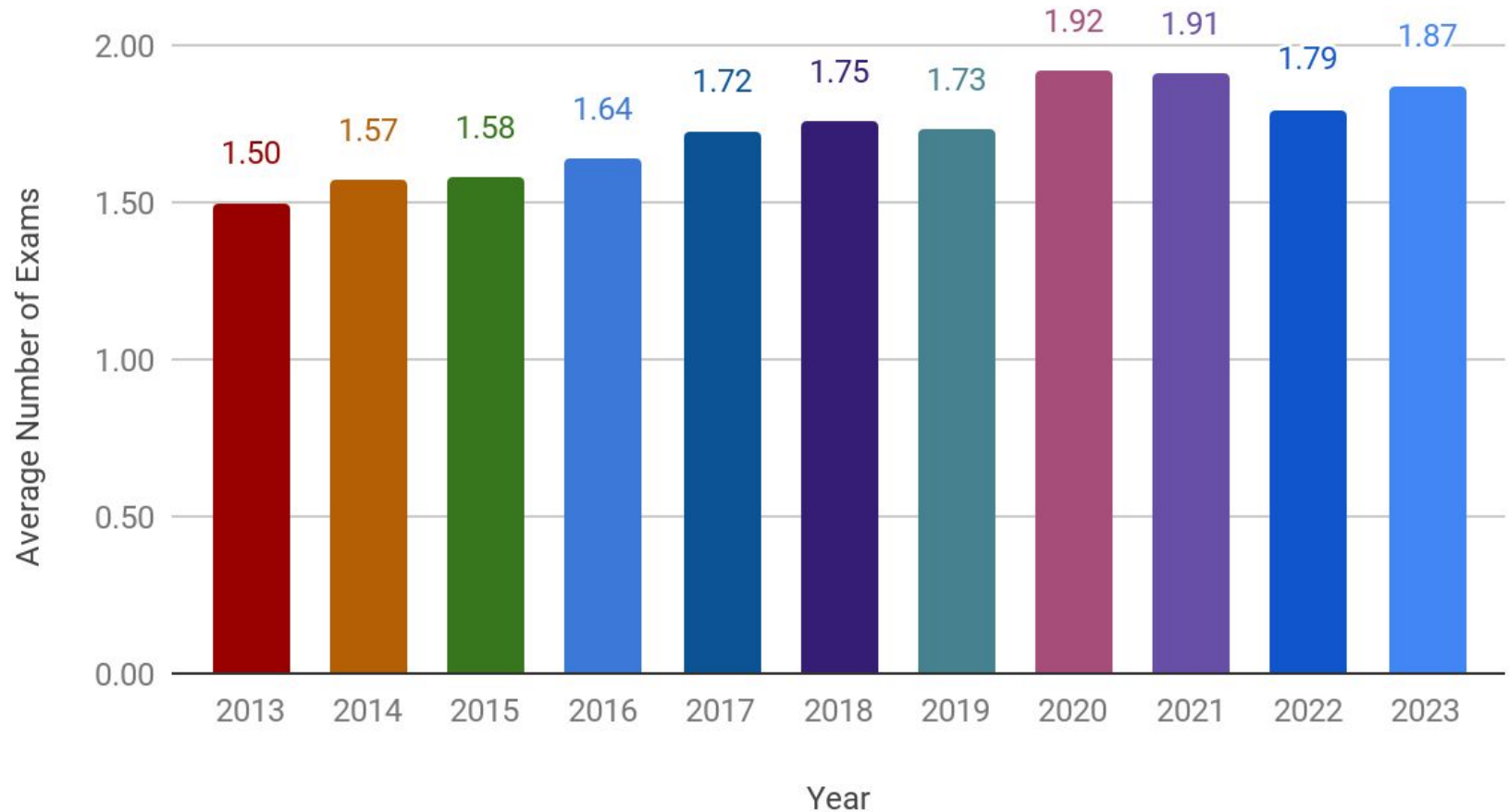
2023 AP Exams
Which students participated?

Exams	Seniors	Juniors	Sophomores	Total Students	Total Exams
1	34	31	38	103	103
2	28	35	11	74	148
3	19	11	3	33	99
4	10	4	0	14	56
5	3	1	0	4	20
Totals	**94**	**82**	**52**	**228**	**426**

Average AP Exam Score

Average Number of AP Exams per AP Student

Percent of Exams with Scores 3+

Scores 3+ vs Year

- 2013: 60.8%
- 2014: 59.9%
- 2015: 60.1%
- 2016: 63.1%
- 2017: 58.8%
- 2018: 67.0%
- 2019: 61.9%
- 2020: 78.3%
- 2021: 62.6%
- 2022: 72.0%
- 2023: 76.8%
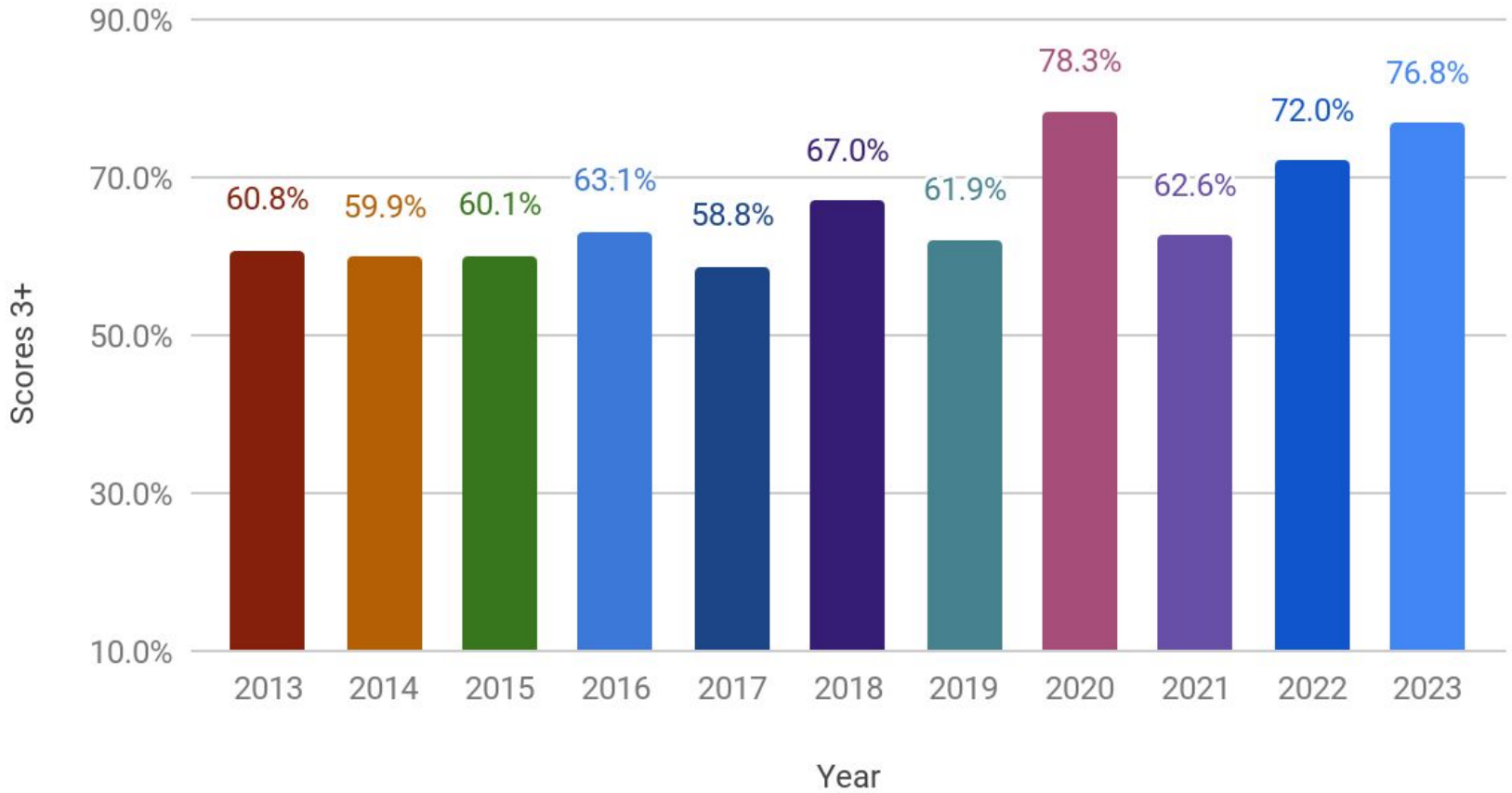
Percent of Students with Scores 3+
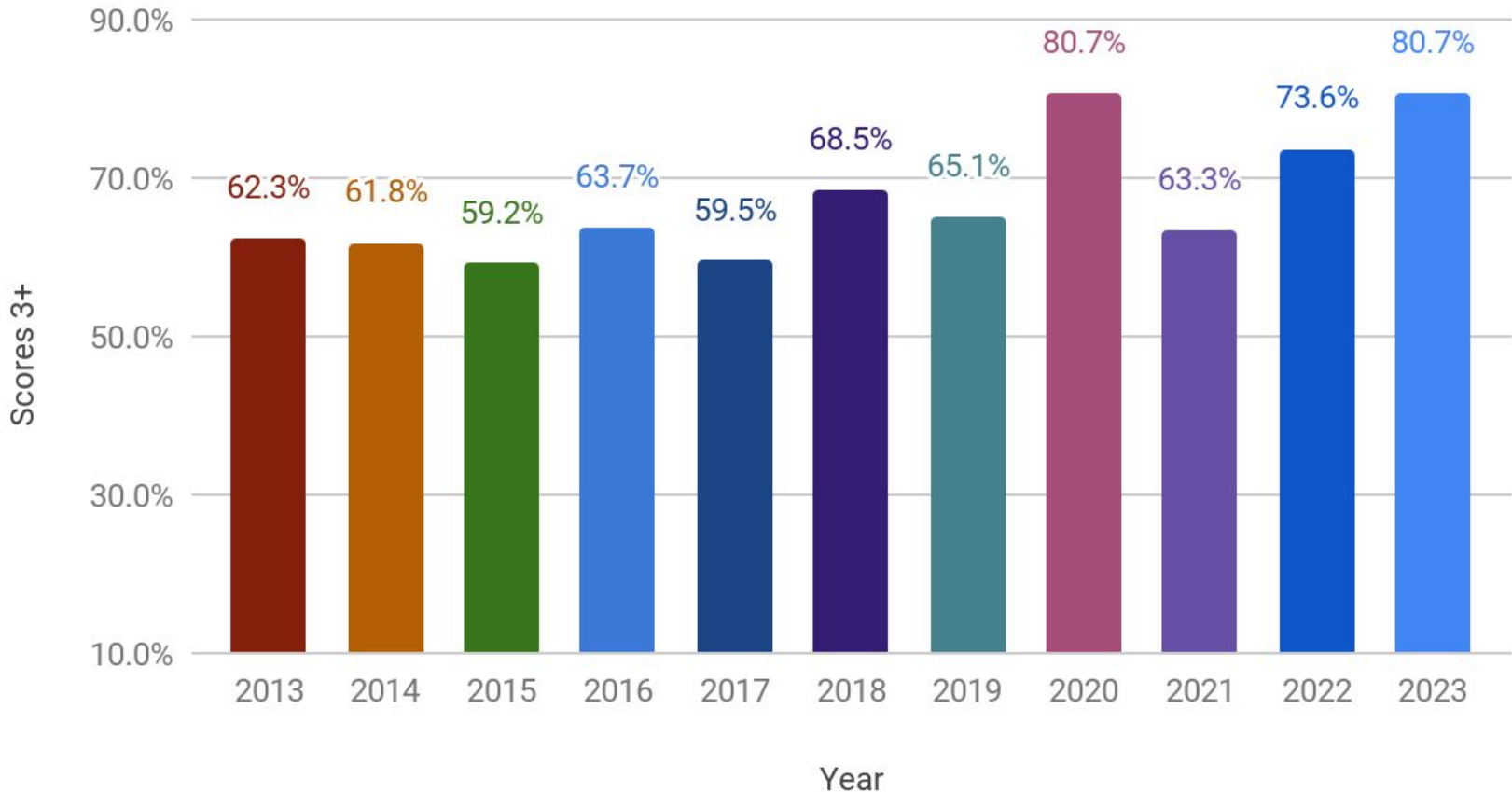
# 2023 AP Exams by Course Scores - Hanover, State, Global, & Historical

- Biology
- Calculus AB
- Calculus BC
- Chemistry
- CS Principles
- English Language
- English Literature

- Environmental
- French
- Music Theory
- Physics 1
- Physics 2
- Physics C
- Psychology

- Spanish
- Studio Art - 3D Design
- Studio Art - Drawing
- US Government
- US History
- World History

Note: **Historical** represents the average for HHS students taking that exam, when offered 2010-2023.
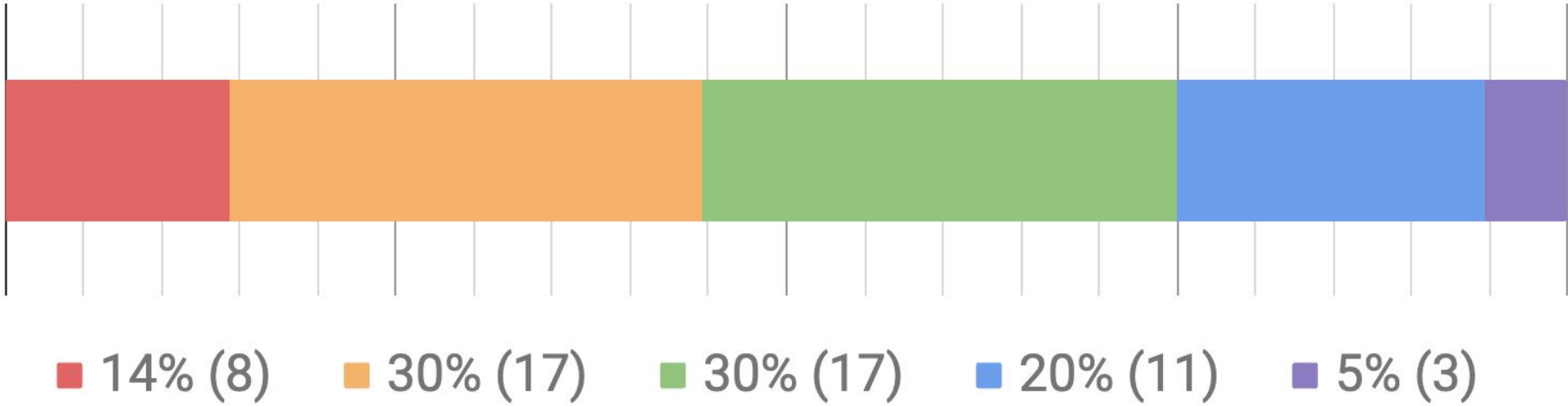
Biology

Enrollment: 11

	Hanover	State	Global	Historical
Average Score	**3.09**	3.27	3.04	2.73
% of Scores 3+	**63.6%**	70.8%	64.4%	58.0%

■ 0% (0) ■ 36% (4) ■ 27% (3) ■ 27% (3) ■ 9% (1)
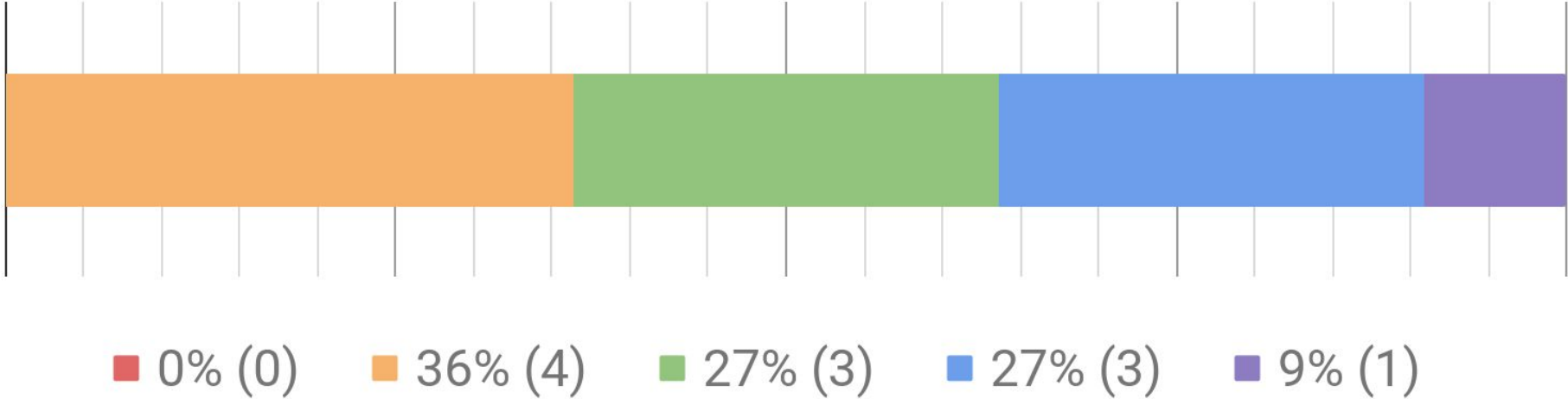
Calculus AB

Enrollment: 56

	Hanover	State	Global	Historical
Average Score	**2.71**	3.04	2.99	3.35
% of Scores 3+	**55.4%**	59.4%	58.0%	71.0%

■ 14% (8) ■ 30% (17) ■ 30% (17) ■ 20% (11) ■ 5% (3)

Calculus BC

Enrollment: 8

	Hanover	State	Global	Historical
Average Score	**4.00**	3.86	3.75	3.79
% of Scores 3+	**87.5%**	81.1%	78.4%	89.5%

- 0% (0)
- 13% (1)
- 25% (2)
- 13% (1)
- 50% (4)
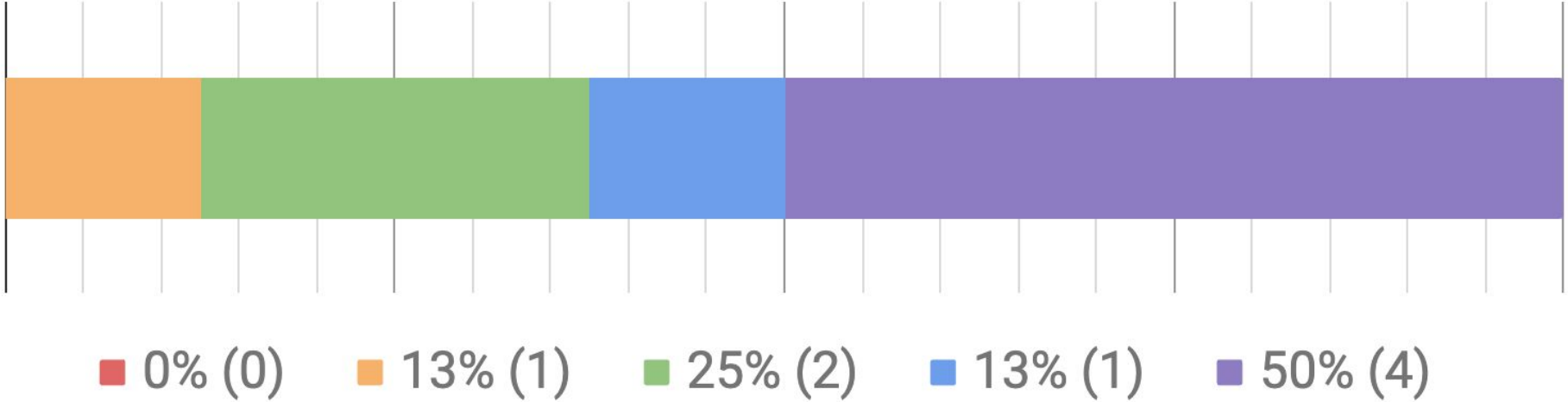
Chemistry

Enrollment: 15

	Hanover	State	Global	Historical
Average Score	**3.87**	3.49	3.26	2.77
% of Scores 3+	**100.0%**	80.8%	75.1%	60.2%

■ 0% (0) ■ 0% (0) ■ 27% (4) ■ 60% (9) ■ 13% (2)
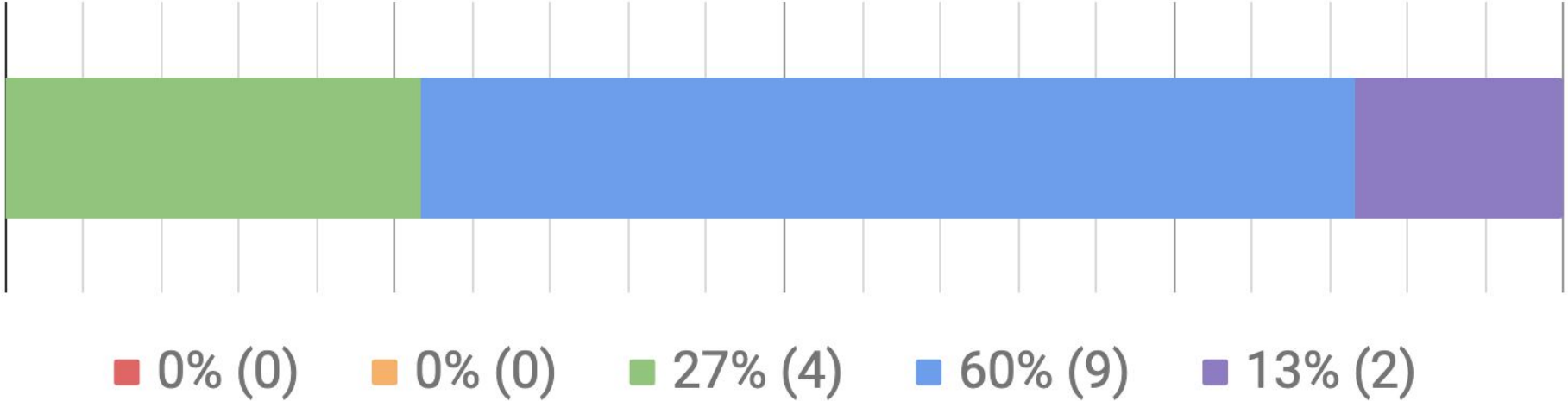
CS Principles

Enrollment: 22

	Hanover	State	Global	Historical
Average Score	**3.73**	3.01	2.90	3.44
% of Scores 3+	**90.9%**	66.1%	63.1%	82.2%

■ 0% (0)   ■ 9% (2)   ■ 36% (8)   ■ 27% (6)   ■ 27% (6)
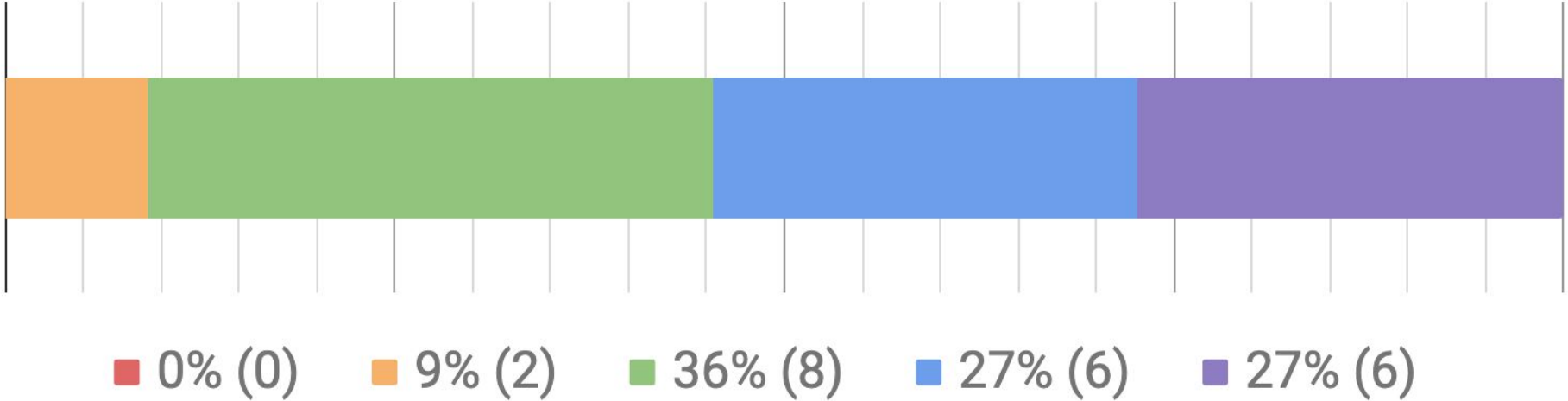
English Language

Enrollment: 24

	Hanover	State	Global	Historical
Average Score	**3.67**	2.98	2.82	3.30
% of Scores 3+	**91.7%**	61.7%	56.1%	75.5%

■ 4% (1)   ■ 4% (1)   ■ 33% (8)   ■ 38% (9)   ■ 21% (5)
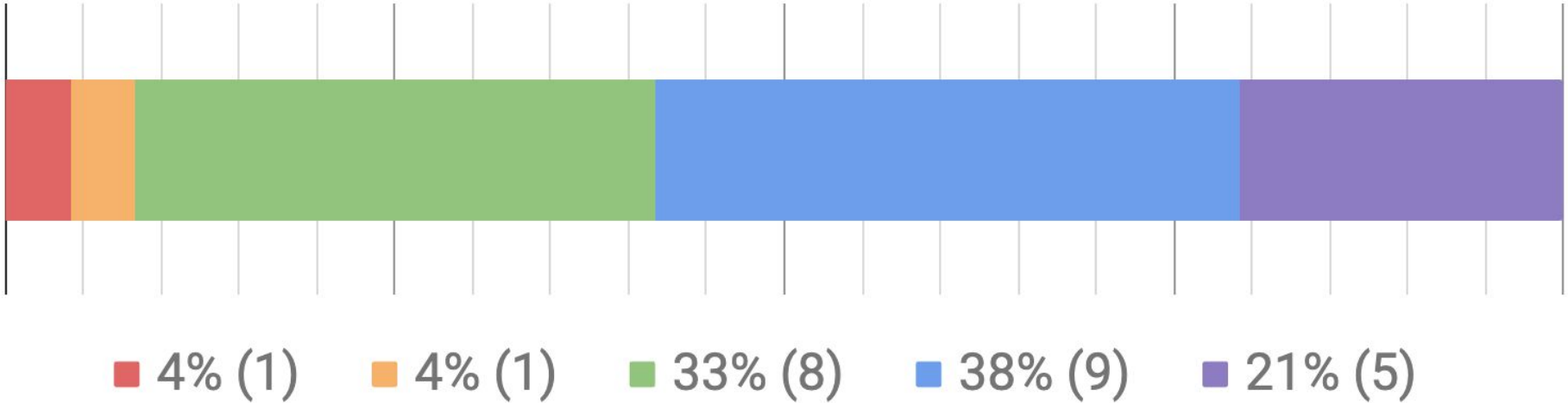
English Literature

Enrollment: 15

	Hanover	State	Global	Historical
Average Score	**3.87**	3.51	3.26	2.95
% of Scores 3+	**100.0%**	83.5%	77.2%	63.2%

- ■ 0% (0)
- ■ 0% (0)
- ■ 33% (5)
- ■ 47% (7)
- ■ 20% (3)
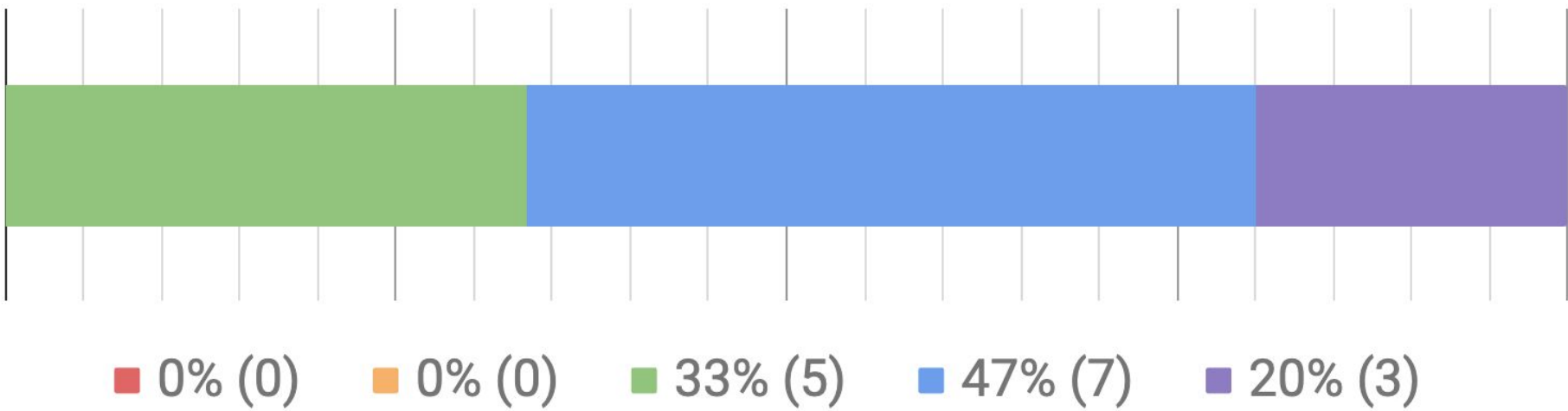
Environmental Science

Enrollment: 28

	Hanover	State	Global	Historical
Average Score	**3.21**	2.98	2.79	2.35
% of Scores 3+	**67.9%**	60.1%	53.7%	39.7%

■ 7% (2)　■ 25% (7)　■ 18% (5)　■ 39% (11)　■ 11% (3)
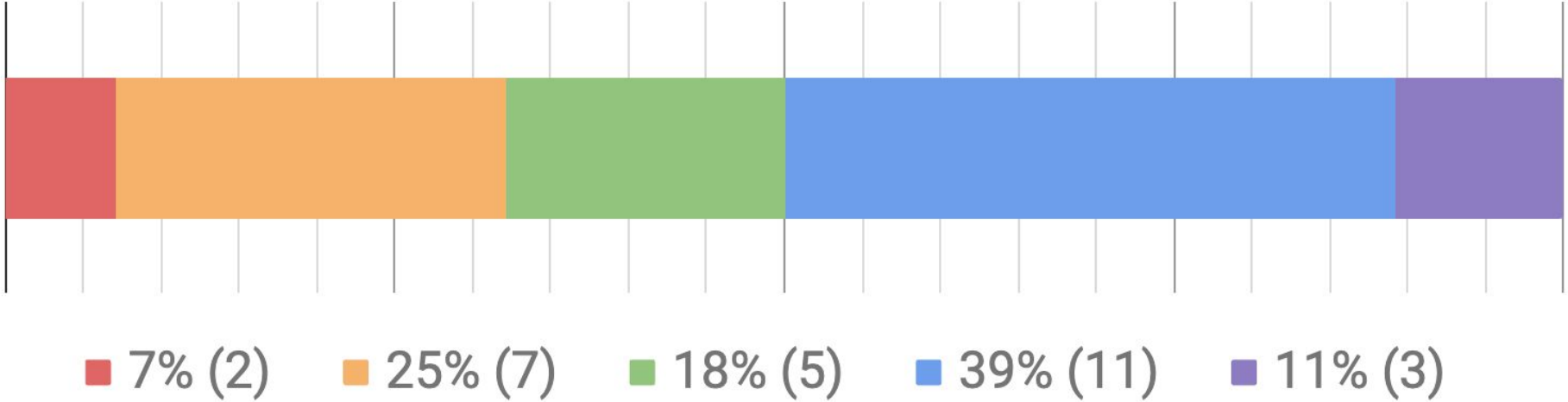
French

Enrollment: 11

	Hanover	State	Global	Historical
Average Score	**3.00**	3.41	3.21	2.64
% of Scores 3+	**81.8%**	80.5%	74.7%	56.9%

■ 0% (0)   ■ 18% (2)   ■ 73% (8)   ■ 0% (0)   ■ 9% (1)
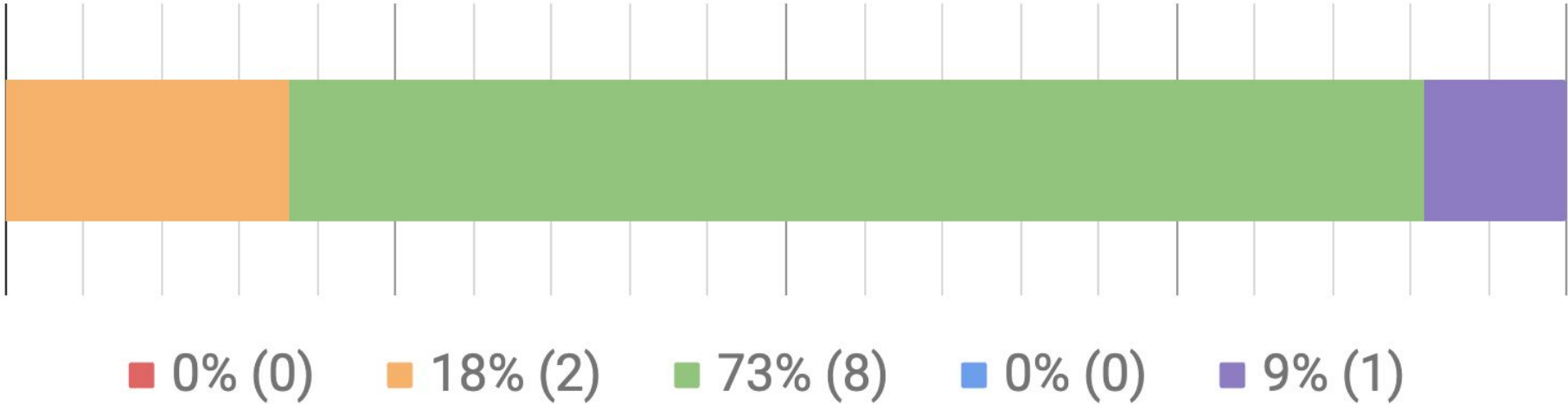
Music Theory

Enrollment: 3

	Hanover	State	Global	Historical
Average Score	**3.33**	3.26	3.02	3.44
% of Scores 3+	**66.7%**	65.6%	60.7%	75.0%

■ 0% (0) ■ 33% (1) ■ 0% (0) ■ 67% (2) ■ 0% (0)
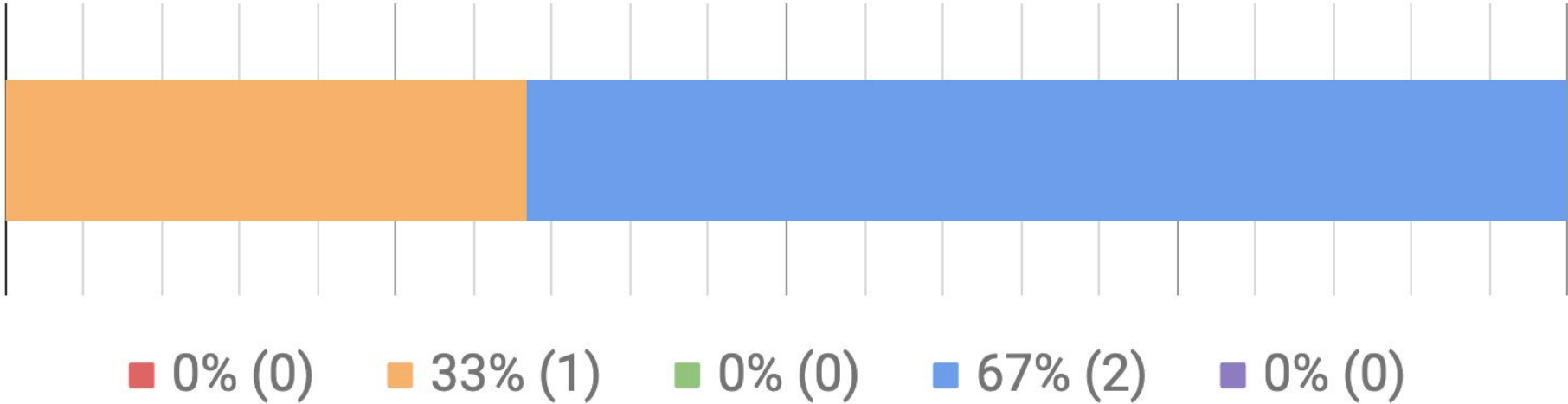
Physics 1

Enrollment: 16

	Hanover	State	Global	Historical
Average Score	**1.75**	2.50	2.55	2.45
% of Scores 3+	**12.5%**	43.2%	45.5%	45.4%

■ 38% (6) ■ 50% (8) ■ 13% (2) ■ 0% (0) ■ 0% (0)
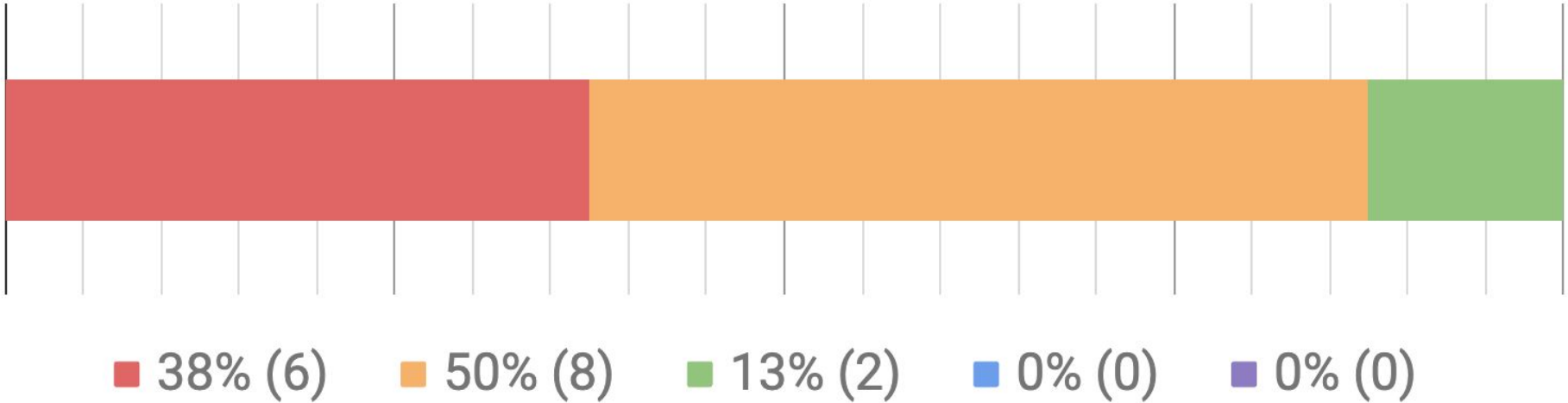
Physics 2

Enrollment: 7

	Hanover	State	Global	Historical
Average Score	**2.57**	3.16	3.14	2.62
% of Scores 3+	**57.1%**	70.4%	69.7%	55.4%

■ 0% (0) ■ 43% (3) ■ 57% (4) ■ 0% (0) ■ 0% (0)
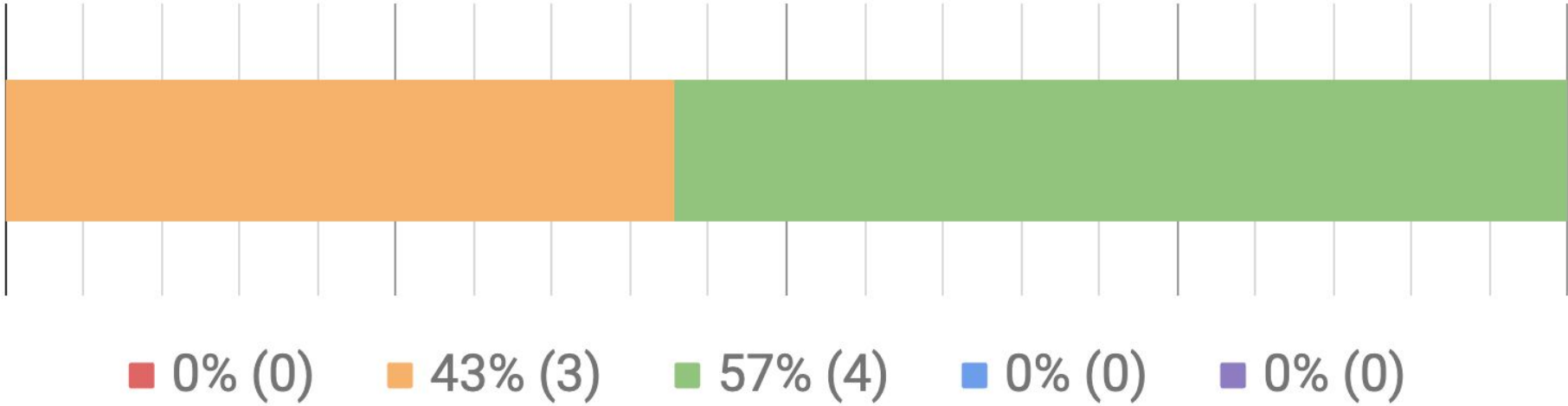
Physics C: Mechanics

Enrollment: 6

	Hanover	State	Global	Historical
Average Score	**3.00**	3.50	3.40	3.00
% of Scores 3+	**66.7%**	75.5%	73.4%	54.5%

■ 17% (1) ■ 17% (1) ■ 17% (1) ■ 50% (3) ■ 0% (0)
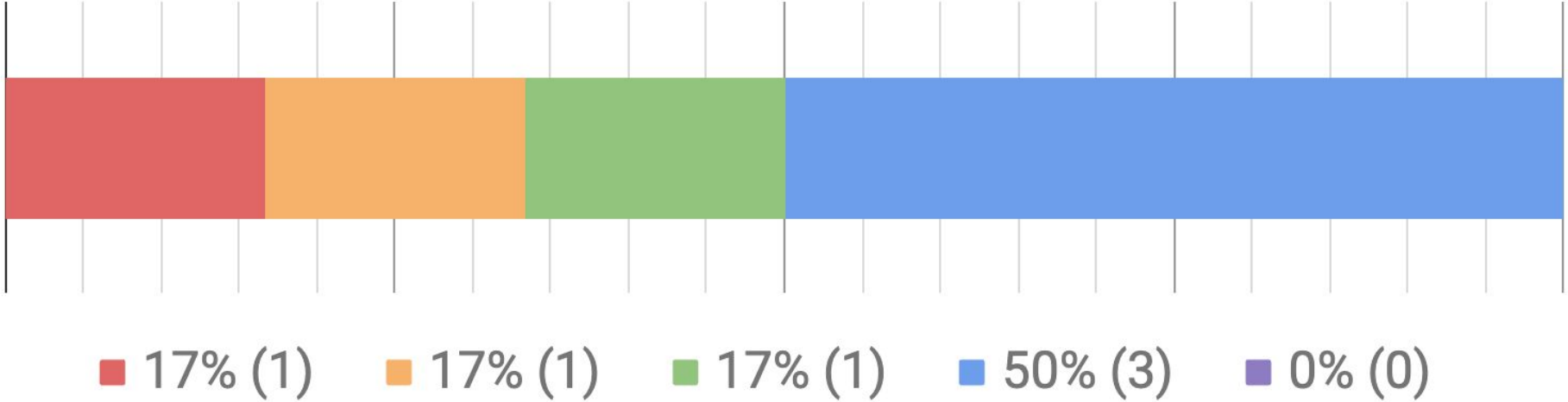
Psychology

Enrollment: 58

	Hanover	State	Global	Historical
Average Score	**3.19**	2.94	2.89	2.53
% of Scores 3+	**74.1%**	61.5%	59.6%	49.5%

■ 10% (6)　■ 16% (9)　■ 29% (17)　■ 34% (20)　■ 10% (6)
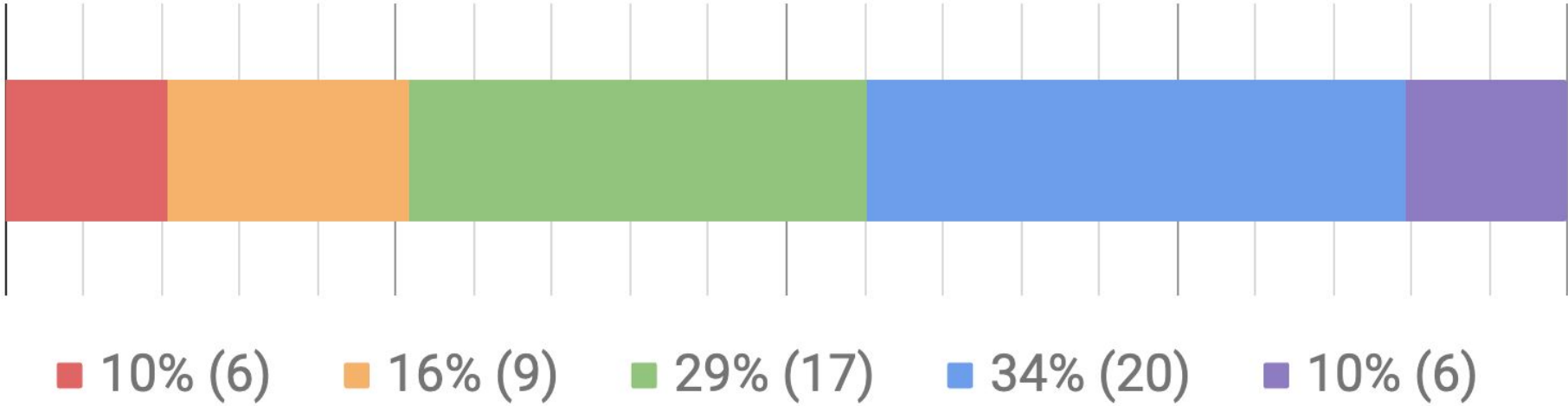
Spanish

Enrollment: 18

	Hanover	State	Global	Historical
Average Score	**3.72**	3.59	3.59	3.75
% of Scores 3+	**94.4%**	83.9%	83.8%	92.7%

■ 0% (0)　■ 6% (1)　■ 28% (5)　■ 56% (10)　■ 11% (2)
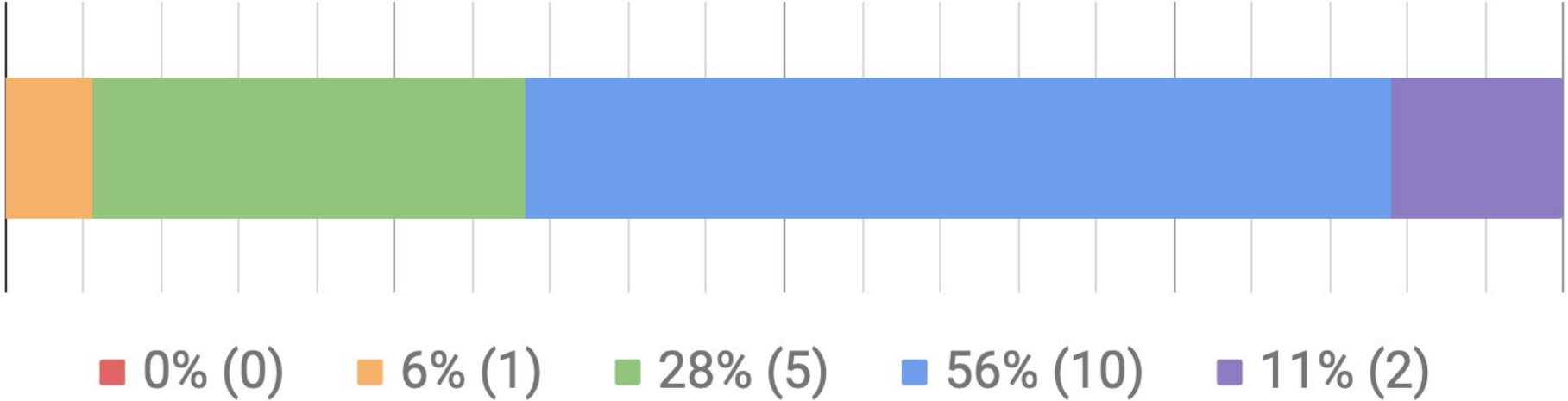
3-D Art Design

Enrollment: 9

	Hanover	State	Global	Historical
Average Score	**2.89**	3.14	3.07	2.70
% of Scores 3+	**77.8%**	79.1%	72.1%	61.7%

■ 0% (0)　■ 22% (2)　■ 67% (6)　■ 11% (1)　■ 0% (0)
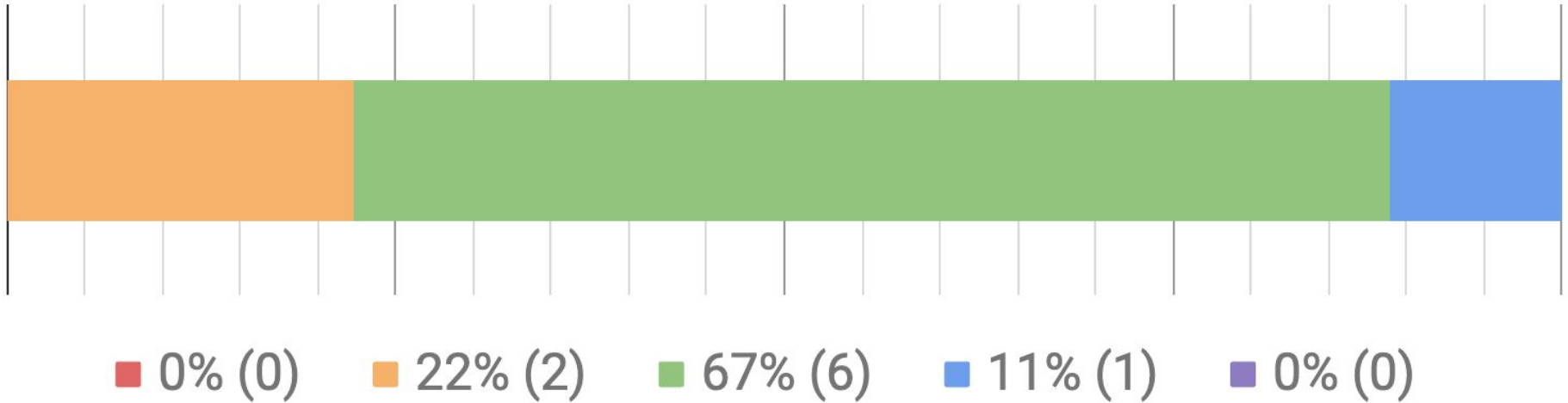
Drawing

Enrollment: 8

	Hanover	State	Global	Historical
Average Score	**3.13**	3.41	3.47	3.20
% of Scores 3+	**62.5%**	83.4%	84.8%	79.8%

- 0% (0)
- 38% (3)
- 25% (2)
- 25% (2)
- 13% (1)
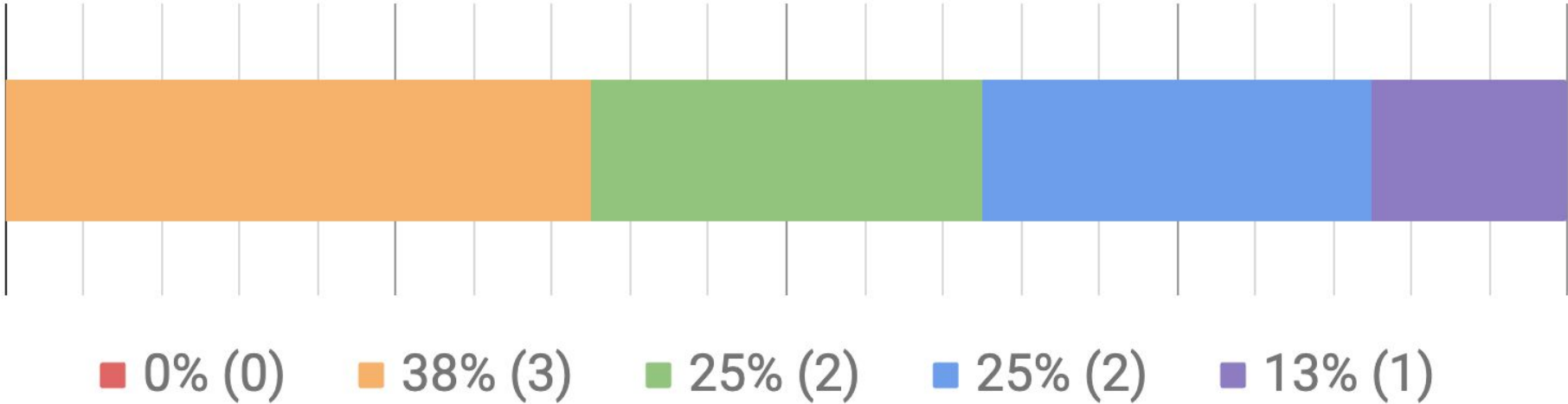
US Government

Enrollment: 9

	Hanover	State	Global	Historical
Average Score	**3.56**	2.79	2.59	3.07
% of Scores 3+	**77.8%**	55.0%	49.2%	64.6%

■ 0% (0) ■ 22% (2) ■ 33% (3) ■ 11% (1) ■ 33% (3)
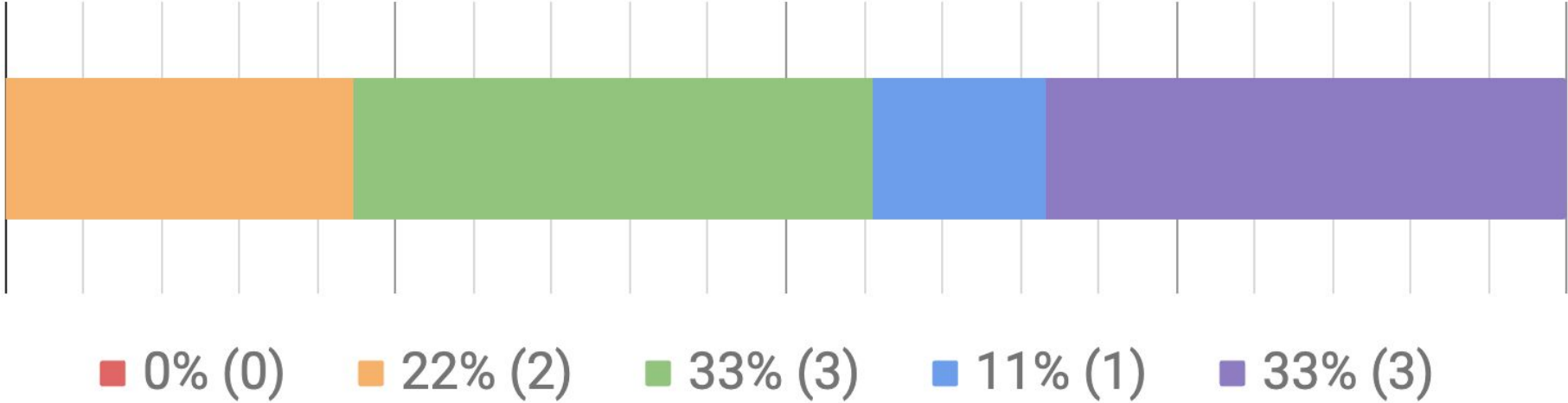
US History

Enrollment: 48

	Hanover	State	Global	Historical
Average Score	**3.31**	2.87	2.54	3.14
% of Scores 3+	**79.2%**	58.3%	47.5%	70.0%

■ 4% (2) ■ 17% (8) ■ 33% (16) ■ 35% (17) ■ 10% (5)
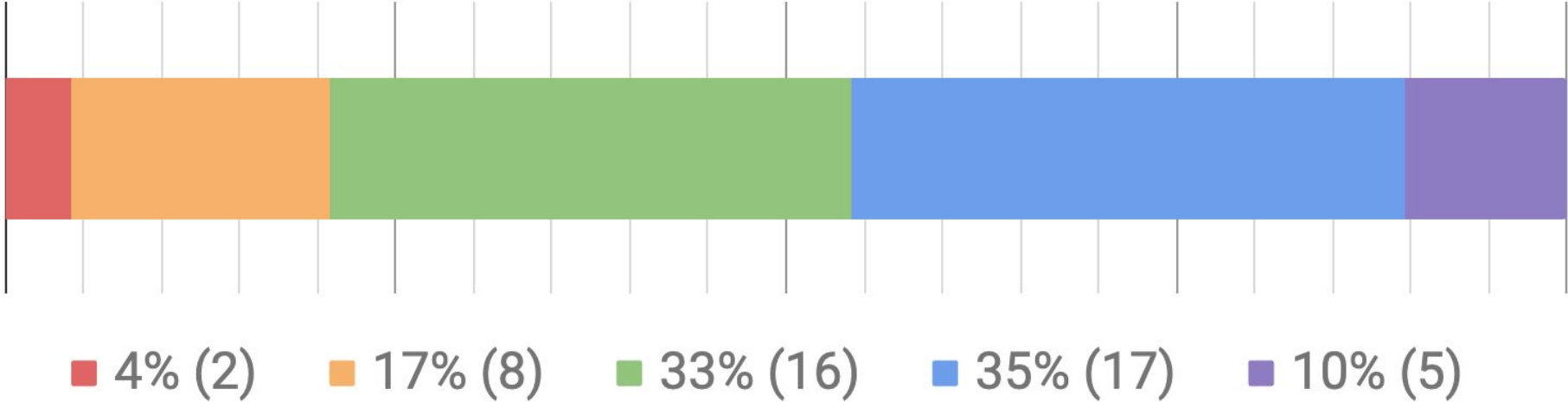
World History

Enrollment: 57

	Hanover	State	Global	Historical
Average Score	**3.77**	3.46	3.04	3.54
% of Scores 3+	**96.5%**	77.7%	64.7%	86.9%

- 0% (0)
- 4% (2)
- 35% (20)
- 42% (24)
- 19% (11)