

2023 Data Disaggregation

Introduction

The disaggregation of achievement in this report is based on the final G.P.A. of the 31 students from the following cohorts:

2021-23 (9 students)
2020-22 (12 students)
2019-21 (10 students)

Findings

- ▶ The disaggregation of data shows there to be **no significant variance in achievement** (higher or lower) by any subgroups of the student population seen as meaningful to the College for Officer Training.
- ▶ The highest achieving subgroup is cadets who have a degree (0.20 above the average)
- ▶ The lowest achieving subgroup is cadets who do not have a degree (0.19 below average)
- ▶ The largest variance (0.39) is between those who have a degree already and those who do not.

Data

The tables below detail the number of students in each subgroup (n), the average final G.P.A. of students in that group, the variance from the overall 3.60 average final G.P.A for all students, and whether this variance represents a significant difference in achievement (i.e more than 0.5 higher or lower).

Note: when a subgroup contains 3 or less students, the data is not included as no meaningful conclusions can be drawn.

Gender	(n)	Average G.P.A	Variance	Significant Difference
Female	15	3.54	-0.06	No
Male	16	3.66	0.06	No

Difference between highest (Male) and lowest (Female) achieving subgroup = 0.12. No Significant Difference.

Age Range	(n)	Average G.P.A	Variance	Significant Difference
18-25	5	3.52	-0.08	No
26-45	21	3.66	0.06	No
46+	5	3.42	-0.18	No

Difference between highest (26-45) and lowest (46+) achieving subgroup = 0.24. No Significant Difference.

Ethnicity	(n)	Average G.P.A	Variance	Significant Difference
African American/Black	1	-	-	-
Asian	1	-	-	-
Caucasian/White	13	3.71	0.11	No
Hawaiian/Pacific Islander	0	-	-	-
Hispanic/Latino	14	3.45	-0.15	No
Mixed	2	-	-	-

Difference between highest (Caucasian/White) and lowest (Hispanic/Latino) achieving subgroup = 0.26.
No Significant Difference.

Marital Status	(n)	Average G.P.A	Variance	Significant Difference
Single	9	3.60	0.00	No
Single with children	2	-	-	-
Married	9	3.76	0.16	No
Married with children	11	3.49	-0.11	No

Difference between highest (Married) and lowest (Married w/Children) achieving subgroup = 0.27.
No Significant Difference.

Salvation Army Heritage	(n)	Average G.P.A	Variance	Significant Difference
1st Generation	19	3.60	0.00	No
2nd Generation	6	3.56	-0.04	No
3rd Generation	5	3.62	0.02	No
4th Generation	0	-	-	-
5th Generation	1	-	-	-
6th Generation	0	-	-	-
7th Generation	0	-	-	-
8th Generation	0	-	-	-

Difference between highest (3rd) and lowest (2nd) achieving subgroup = 0.06. No Significant Difference.

Previous Education	(n)	Average G.P.A	Variance	Significant Difference
Highschool Diploma/GED	16	3.41	-0.19	No
Degree	15	3.80	0.20	No

Difference between highest (Degree) and lowest (No Degree) achieving subgroup = 0.39.
No Significant Difference.