SAN DIEGO
MESA COLLEGE
Institutional Research

Spring 2023 Engineering Workshops Student Demographics Report

Overview

The tables below contain the disaggregated demographic data for students who participated in the engineering workshops from Fall 2020-Spring 2023. The total attendance for this three-year cohort was 143, this number includes duplicated students who participated in more than 1 term. Based on valid enrollments within our database, we were only to find demographic data for 133 entries. The total number of unduplicated participants for the engineering workshops was 115. To compare any of the demographic information below to Mesa's general population or students enrolled in Engineering course, please visit the [Student Characteristics Dashboard](#).

Demographics

Examining Table 1, Fall 2022 had the most attendance closely followed by Spring 2022 and Spring 2023. Fall 2021 had the least amount of attendance which may have been due to the pandemic.

Table 1. Cohort Count by Term

Term	Cohort Count	Percentage of Cohort
Fall 2020	20	14%
Spring 2021	11	8%
Fall 2021	6	4%
Spring 2022	31	22%
Summer 2022	10	7%
Fall 2022	35	24%
Spring 2023	30	21%
Total	**143**	**100%**

The majority of the cohort (56%) and participants (53%) were within the 18-24 age group. Those who were within the 25-29 age group followed at 20% and 22%, respectively. Those who were within the 40-49 group, 50 and over, and under 18 were least represented. Seemingly, the engineering workshops tend to attract those within the traditional college age group. See Table 2 for full breakdown.

Table 2. Age Group by Cohort and Participants

Age Group	Cohort Count	Percentage of Cohort	Participant	Percentage of Participants
18 - 24	80	56%	62	53%
25 - 29	29	20%	26	22%

30 - 34	15	10%	12	10%
35 - 39	4	3%	4	3%
40 - 49	2	1%	1	1%
50 and >	2	1%	1	1%
Under 18	1	1%	1	1%
Unknown	10	7%	8	9%
Total	**143**	**100%**	**115**	**100%**

The two largest ethnic groups who participated in the workshops were those who identified as White (33%) and Latinx (33%). Those who identified as Filipino had the least participation within the workshops (3%). See Table 3 for full breakdown.

Table 3. Ethnicity by Cohort and Participants

Ethnicity	Cohort Count	Percentage of Cohort	Participants	Percentage of Participants
Asian	26	18%	20	17%
Filipino	3	2%	3	3%
Latinx	46	32%	39	33%
Multi-Ethnicity	3	2%	3	3%
Unknown	15	10%	11	11%
White	50	35%	39	33%
Total	**143**	**100%**	**115**	**100%**

The majority of students who participated in the engineering workshops identified as male (68%). Only 24% of cohort members and 22% of participants identified as female.

Table 4. Gender by Cohort and Participants

Gender	Cohort Count	Percentage of Cohort	Participants	Percentage of Participants
Female	35	24%	26	22%
Male	97	68%	80	68%
Unknown	11	1%	9	1%
Total	**143**	**100%**	**115**	**100%**

Majority of participants identified as continuing generation college students (55%) whereas, those who identified as first-generation college students only made up 27% of the cohort and 26% of participants.

Table 5. First-Generation Status by Cohort and Participants

First-Generation Status	Cohort Count	Percentage of Cohort	Participants	Percentage of Participants
First Generation	38	27%	31	26%
Not First Generation	82	57%	64	55%
Unknown	23	16%	20	19%
Total	**143**	**100%**	**115**	**100%**

For both the cohort (80%) and participants (79%), the majority identified that their primary language is English. Roughly 5% of cohort members and 3% of participants noted that their primary language was a language other than English.

Table 6. Primary Language by Cohort and Participants

Primary Language	Cohort Count	Percentage of Cohort	Participants	Percentage of Participants
English	114	80%	92	79%
Other than English	7	5%	4	3%
Unknown	22	15%	19	18%
Total	**143**	**100%**	**115**	**100%**