

## **FY21 Membership Statistics**

At the conclusion of each membership recruitment year (which runs 4/1 – 3/31 each year) for SWE’s annual fiscal year membership (which is in effect from 6/30 - 7/1 of each year), SWE will publish general member statistics. Below is data for FY21 (7/1/2020 – 6/30/2021):

### **Membership Types:**

- Total Membership (Paid): 41,309
- Collegiate (48.2%): 19,895
- Professional (51.8%): 21,414

### **Member Gender:**

- 57% Prefer not to answer
- 40% Female
- 2.5% Male
- 0.25% Non-binary/third gender
- 0.25% Prefer to self-describe

### **Member Ethnicity:**

- 60% Prefer Not to Answer / Blank
- 21.5% Non-Hispanic White
- 8.5% Asian/Pacific Islander
- 4.5% Hispanic
- 3.5% Black/African American
- 1.5% Multi-racial
- 0.25% American Indian/Alaskan Native
- 0.25% Prefer to self-describe

### **SWE FY21 Leadership Ethnicity**

- American Indian/Alaskan Native 0.07%
- Asian/Pacific Islander 12.37%
- Black/African American 2.43%
- Hispanic 4.69%
- Multi-racial 1.71%
- Non-Hispanic White 45.85%
- Prefer to self-describe 0.07%
- Prefer Not to Answer 32.81%

## Discipline – Professional

Professional	Percentage:
Mechanical Engineering	11.61%
Electrical/Electronics Engineering	7.14%
Chemical Engineering	6.68%
Computer Science	4.04%
Other Non Technical	3.84%
Biomedical Engineering	3.56%
Civil Engineering	3.11%
Industrial Engineering	2.86%
Other Engineering	2.61%
Aerospace Engineering	2.20%
Computer Engineering	2.02%
Materials Engineering/Science	1.98%
Other Technical	1.87%
Environmental Engineering	1.46%
Systems Engineering	1.31%
Mathematics	0.85%
Chemistry	0.79%
Technology	0.71%
Science	0.67%
Physics	0.65%
Manufacturing Engineering	0.47%
Petroleum Engineering	0.27%
Engineering Education	0.25%
Agricultural Engineering	0.24%
Bioengineering	0.24%
Engineering Physics	0.20%
Structural Engineering	0.19%
Nuclear Engineering	0.13%
Engineering Management	0.12%
Automotive Engineering	0.05%
Other/Not Listed	37.28%

## Discipline – Collegiate

Collegiate Discipline:	Percentage:
Mechanical Engineering	16.58%
Chemical Engineering	10.67%
Computer Science	10.14%
Biomedical Engineering	8.85%
Electrical/Electronics Engineering	6.37%
Civil Engineering	6.04%
Other Engineering	4.47%
Industrial Engineering	3.71%
Computer Engineering	3.68%
Aerospace Engineering	3.31%
Bioengineering	2.64%
Environmental Engineering	2.59%
Materials Engineering/Science	2.08%
Other Non Technical	1.12%
Other Technical	0.94%
Science	0.81%
Mathematics	0.78%
Systems Engineering	0.57%
Technology	0.52%
Chemistry	0.44%
Physics	0.40%
Petroleum Engineering	0.34%
Manufacturing Engineering	0.28%
Engineering Physics	0.25%
Engineering Education	0.22%
Nuclear Engineering	0.20%
Structural Engineering	0.19%
Agricultural Engineering	0.18%
Engineering Management	0.06%
Automotive Engineering	0.05%
Other / Not Listed	11.52%