

FY20 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 FY20 (7/1/2019 – 6/30/2020):

Membership Types:

- Total Membership (Paid): 41,950
- Collegiate (48%): 19,990
- Professional (52%): 21,960

Gender:

- 76.95% Female
- 21.54% Prefer Not To Answer
- 1.51% Male

Discipline:

- 20.42% Mechanical Engineering
- 13.24% Chemical Engineering
- 9.64% Electrical/Electronics Engineering
- 9.04% Biomedical Engineering
- 9.12% Computer Science
- 7.10% Civil Engineering
- 4.95% Industrial Engineering
- 3.98% Computer Engineering
- 3.87% Other Engineering
- 3.60% Aerospace Engineering
- 2.67% Environmental Engineering
- 2.36% Materials Engineering/Science
- 1.85% Bioengineering
- 1.32% Other Non Technical
- 1.20% Other Technical
- 0.78% Mathematics
- 0.78% Systems Engineering
- 0.70% Petroleum Engineering
- 0.67% Technology
- 0.58% Physics
- 0.53% Chemistry
- 0.44% Manufacturing Engineering
- 0.38% Science
- 0.30% Agricultural Engineering
- 0.27% Engineering Physics
- 0.22% Nuclear Engineering

- 0.18% Engineering Education
- 0.18% Structural Engineering
- 0.04% Automotive Engineering

Ethnicity:

- 42.01% Non-Hispanic White
- 30.82% Prefer Not to Answer
- 10.42% Asian/Pacific Islander
- 6.60% Black/African American
- 5.85% Hispanic
- 2.00% Multi-racial
- 1.87% Other
- 0.43% American Indian/Alaskan Native