

FY19 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 FY19 (7/1/2018 – 6/30/2019):

Membership Types:

- Total Membership (Paid): 40,520
- Collegiate (51%): 20,594
- Professional (49%): 19,926

Gender:

- 75.26% Female
- 22.74% Prefer Not To Answer
- 2.00% Male

Discipline:

- 20.83% Mechanical Engineering
- 13.95% Chemical Engineering
- 9.50% Electrical/Electronics Engineering
- 9.04% Biomedical Engineering
- 8.21% Computer Science
- 7.44% Civil Engineering
- 5.06% Industrial Engineering
- 3.88% Computer Engineering
- 3.69% Other Engineering
- 3.56% Aerospace Engineering
- 2.74% Environmental Engineering
- 2.38% Materials Engineering/Science
- 1.77% Bioengineering
- 1.20% Other Non-Technical
- 1.03% Other Technical
- 0.75% Petroleum Engineering
- 0.72% Systems Engineering
- 0.68% Mathematics
- 0.57% Physics
- 0.55% Technology
- 0.52% Chemistry
- 0.39% Manufacturing Engineering
- 0.33% Agricultural Engineering
- 0.30% Science
- 0.26% Engineering Physics
- 0.25% Nuclear Engineering
- 0.20% Engineering Education
- 0.20% Structural Engineering

- 0.03% Automotive Engineering

Ethnicity:

- 42.27% Non-Hispanic White
- 32.44% Prefer Not to Answer
- 9.88% Asian/Pacific Islander
- 6.15% Black/African American
- 5.25% Hispanic
- 1.86% Multi-racial
- 1.76% Other
- 0.38% American Indian/Alaskan Native