



MD Monthly – JANUARY 2017

Membership Development Report – Page 1



This report is issued monthly on behalf of the IEEE Member & Geographic Activities Board.
Source data is IEEE membership statistics. Contact: Elyn Perez, elyn.perez@ieee.org

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| Monthly Census | YoY Variance | | Jan '17 | Jan '16 | Dec '16 | Jan '17 vs. Dec '16 | |
|---------------------------|--------------|--------------|---|----------------|----------------|---------------------|--------------|
| IEEE Membership | + | 3,463 | +0.8% | 431,398 | 427,935 | 407,594 | +5.8% |
| o Honorary | ▼ | -2 | -6.3% | 30 | 32 | 31 | -3.2% |
| o Fellow | ▲ | 122 | +1.6% | 7,670 | 7,548 | 7,355 | 4.3% |
| o Senior Member | ▲ | 1,733 | +4.5% | 40,344 | 38,611 | 39,693 | 1.6% |
| o Member | ▼ | -1,514 | -0.6% | 252,599 | 254,113 | 248,425 | 1.7% |
| o Associate Member | ▼ | -786 | -9.5% | 7,470 | 8,256 | 7,866 | -5.0% |
| o Graduate Student | ▲ | 419 | +0.9% | 45,448 | 45,029 | 38,174 | 19.1% |
| o Undergraduate Student | ▲ | 3,491 | +4.7% | 77,837 | 74,346 | 66,050 | 17.8% |
| Society Membership | + | 1,528 | +0.5% | 314,227 | 312,699 | 320,592 | -2.0% |
| o 16 Societies up > 1% | ▲ | 7,002 | Societies Note: Sum of respective gains and losses, with all counts excluding Affiliates. Including Affiliates, total Society memberships are down year-over-year by -348 or -0.1%. | | | | |
| o 4 Societies +/- 1% | ▼ | -51 | | | | | |
| o 19 Societies down > 1% | ▼ | -5,423 | | | | | |

| MD Venue | January - Membership Year To Date | | | | | | | | | |
|--------------|-----------------------------------|---------|---------|---------|--|---------------|--------|--------|--------|--------|
| | '17 | '16 | '15 | '14 | | '17 | '16 | '15 | '14 | |
| Retention | 55.5% | 54.5% | 56.5% | 58.1% | | Recruitment | 37,132 | 37,327 | 36,246 | 36,153 |
| | 213,633 | 207,997 | 219,381 | 228,178 | | | | | | |
| Higher-Grade | 66.0% | 64.6% | 66.3% | 67.1% | | Reinstatement | 9,043 | 9,112 | 8,747 | 8,605 |
| | 196,104 | 191,395 | 199,006 | 201,516 | | | | | | |
| STU/GSM | 19.9% | 19.5% | 23.0% | 24.9% | | Recovery | n/a | n/a | n/a | n/a |
| | 17,529 | 16,602 | 20,735 | 26,662 | | | | | | |

| | | | | | | |
|--|-----------------------------|-------------------------|-------------------------|--------------------------|---------------------------------|-------------------------------|
| MD Resources (IEEE Account required) | New Members | SAMIEEE | Reports | Webcasts | MD Kit Ordering | Presentations |
| | | | | | | |

| | Recruitment Activities | Retention Activities |
|------------|---|---|
| Mar | Give priority attention to member recovery tools and activities, especially first-year members. → → → 1 March: Half-Year Dues Cycle – ½ year dues period begins. Incorporate into recruitment messaging. Individuals who join IEEE in March receive 10 months of membership for the price of 6. | 1 March: Arrears-recovery period begins for all members who did not renew their membership for 2017. Tools: Located in the MD folder of SAMIEEE, use pre-defined queries to identify members who have not renewed. Communications templates also available (see page 5). |
| Apr | Continue focus on recovery activities → → → Half-Year Dues Cycle – IEEE accepts ½-price dues for present year of service. Individuals who join IEEE in April receive 9 months of membership for the price of 6. | Tools: Located in the MD folder of SAMIEEE, use pre-defined queries to identify members who have not renewed. Communications templates also available (see page 5). |



January MD Highlights

IEEE Membership

Overall membership continued its positive gains year-over-year and ended January ahead by +0.8%, or 3,463 members, following +0.5% last month. The improvement was due to narrowing year-over-year recruitment and reinstatement declines.

Although renewal activity remains strong, this does not yet impact the overall change in membership. Only after the service deactivation occurs in February will we see the normal dip in membership counts, and then commence the arrears recovery period. (More on that below.)

Recruitment

The decline in overall recruitment that we've seen since the third quarter of 2016 is starting to reverse its trend. While the large gains in Region 10 last year are working against an overall improvement this year, there were some nice gains made in January. Recruitment is behind last year by -0.5%, shaving a large part of the -3.9% deficit of last month. In fact, the month of January saw the highest recruitment counts since 2014. The natural cycle for recruitment will see ebbing numbers continue through February, then spike back up again in March once the half year dues period begins.

See more detail on recruitment, page 8.

➡ Links to all MD resources plus communications templates can be found at www.ieee.org/md.

Retention

Overall retention is ahead by a full one percent over last year, and the raw count of renewals is ahead by almost 6,000. Why is this significant? It signals that overall membership is in a continued growth pattern. Higher retention is the greatest predictor of membership growth. We began the membership year with ~3,300 more members – a larger renewal opportunity – and now we have almost 6,000 more members renewed compared to the same period in 2016 (see chart, page 1). This is keeping overall membership in a healthy growth margin. This should allow membership growth to slowly return to, and exceed, pre-2016 levels.

The return to growth in membership should be put into the longer term perspective. Here is a look at the last five years of total membership:

| | Jan '17 | Jan '16 | Jan '15 | Jan '14 | Jan '13 |
|------------------------------|---------|---------|---------|---------|---------|
| Total IEEE Membership | 431,398 | 427,935 | 433,573 | 438,705 | 438,246 |

While we are ahead of where we were a year ago, the return to prior levels of membership will only come with a concerted effort to engage our members.

➡ The **annual service deactivation will take place on 25 February**. Reach out to your members who have not yet renewed for 2017. In SAMIEEE utilize the query named "(MD) 2016 Last Renewal Year for Active Members – Name, Grade, Email" to identify your unrenewed members.

Following record recruitment in 2016, we now have a larger pool of first-year members set to renew for 2017. The retention rate for this group is much lower than the average (28.7% for first year members versus 70.0% overall) hence it can't be stressed enough that retention will be especially critical for this larger pool of first year members.

➡ Do you have a first-year member program in place? Or do you need help or ideas to start one? Tip: Utilize the new First Year Member Engagement Toolkit and other resources available on the MD portal, www.ieee.org/md or contact Denise Maestri, d.maestri@ieee.org.

See more detail on retention, page 6.

Society Membership

Overall Society memberships are now positive year-over-year, for the first time this membership year, at +0.5%. This month’s result takes into account the Society membership deletions that occur every year. These deletions represent IEEE members who renewed, but did not renew a Society membership. Therefore each year in January the month to month trend is negative (see chart, page 1). This year, the deletions accounted for a loss of about 6,000 memberships, or -2.0%. By comparison, last year there were roughly 9,000 deletions, at a loss of -2.9%, so this year we saw an improvement. From this point in the membership year forward (for Society memberships), the impact of any increase or decrease in recruitment and retention will be immediately apparent.

The top Societies in terms of percentage growth thus far in the 2017 membership year are Industry Applications Society (+6.5%), Intelligent Transportation Systems (6.1%), and Social Implications of Technology Society (+5.3%).

Society membership details begin on page 11.

Power & Energy Society: ‘More Power to the Future’

Special congratulations to the Power & Energy Society, who recently released a statement recognizing ten years of consecutive growth in membership. They have increased their membership by more than 50% since 2006, and now have more than 37,000 members worldwide.

“The membership growth in the IEEE Power & Energy Society is truly unique,” said Damir Novosel, IEEE PES President. “In 2017 and beyond, we aim to continue this growth across the globe. This goal underscores our theme for the New Year, which is ‘More Power to the Future.’ This new program for IEEE PES is something we’ll be rolling out over the coming months. Its purpose is to enhance our membership benefits and mission as a society and invigorate our members’ passion for the power and energy industry.”



IEEE Collabratec (CT) now has more than 78,000 users (as of January month end). Of those, about 70% are outside of the US. The platform is open to members and non-members alike, with special member-only features. About 40% of CT users are non-members. The platform is now also available as a mobile app!

What does this mean to you? Leverage the platform as an easy lead generation tool. Invite non-members at your events and conferences to sign up for a free account. That is the single easiest way to engage them, and to capture their contact information for follow up membership development efforts.

| ACTIVITY | Higher Grade | Graduate Student | Undergrad Student | TOTAL |
|---|--------------|------------------|-------------------|--------------|
| <i>Cumulative Since Launch thru January 2017</i> | | | | |
| Non-Member Sign-up to Active Member Conversions | 323 | 269 | 572 | 1,164 |
| Former Member Sign-up to Active Member | 853 | 266 | 225 | 1,344 |
| Total New Members | 1,176 | 535 | 797 | 2,508 |
| First-Year Member Sign-ups to IEEE Collabratec (joined IEEE, and then signed up) | 1,959 | 1185 | 3,493 | 6,637 |

We see two different trends in the chart above. First, those that signed up on Collabratec and then became IEEE members, some of which were former members who came back. (In the chart above, the numbers making up the 2,508 total.) Second, is the engagement of first year members – how many members joined IEEE then became a Collabratec user.



Set up a Collabratec account or log in now at ieeecollabratec.org. You can also download the mobile app for Apple or Android. In its first month of being released in the app stores, there have been more than 3,000 downloads.



2017 Membership Development Goals



A big thank you and congratulations to outgoing Member Recruitment and Recovery (MRR) Committee Chair Antonio Luque (Spain). In January, we welcome Takako Hashimoto (Japan) as the new MRR Committee Chair.

Takako Hashimoto
takako@cuc.ac.jp

2017 MRRC Chair

MD goals are created for each individual Section for both recruitment and retention. Below are the Section goals rolled up to the Region level for each channel. In this report, we will track progress to goal on the Region-level. You will find the Section levels goals and progress in your monthly Region MD report.



Outstanding Section Membership
Recruitment and Retention Performance

For 2017 goals, we reviewed five years of history. Each Section has a unique goal based on different dynamics - whether the Section has had growth or decline, as well as the overall size and location of the Section. Note that reinstatement goals are assigned on the Region level only.

Detail on the Section goals and progress are included in the Region level MD reports. These reports are sent via e-mail once monthly. If you are not receiving your region MD report, please contact your Region MD Chair.

For the complete listing of Section goals, visit the MD goals page on the MD portal, www.ieee.org/md.

Section Recognition Awards

Each Section that meets their goal receives a special recognition in the form of an electronic banner that can be placed on Section websites, in newsletters, and even in e-mail signatures. Banners are distributed to the Section's Membership Development Chair, and/or Section Chair.

These Sections will also be recognized in the MD Monthly report, region level MD reports and on the MD portal, www.ieee.org/md.



Banners include the membership year and Section name in the graphic. A **silver award** will be given in either the recruitment or retention category once met. A **gold medal of recognition** will be given once both goals are met.

At the end of the year, a special gift and certificate of recognition will be mailed to those who earned the gold award. Certificates of recognition will also be mailed to those who earned either silver award.



Region Membership Goals – 2017 Membership Year

Below is a summary by Region showing the goal and progress to goal, as of the current month. At five months into the membership year, the percent to goal benchmark (last column in charts below) is 40% or more.

| Retention | 2017 % Retention Goal | 2017 Retention Growth | 2017 YTD Jan | % to Goal |
|-----------|-----------------------|-----------------------|--------------|-----------|
| R1 | 81.8% | 0.7% | 69.1% | 84.5% |
| R2 | 83.5% | 1.2% | 70.4% | 84.3% |
| R3 | 79.1% | 1.0% | 66.4% | 83.9% |
| R4 | 79.8% | 1.1% | 68.0% | 85.2% |
| R5 | 78.7% | 1.4% | 66.5% | 84.5% |
| R6 | 81.0% | 1.7% | 68.5% | 84.6% |
| R7 | 75.7% | 1.6% | 63.1% | 83.3% |
| R8 | 71.0% | 1.8% | 52.6% | 74.2% |
| R9 | 52.4% | 1.7% | 33.5% | 63.8% |
| R10 | 57.2% | 1.9% | 38.9% | 68.0% |
| Total | 71.6% | 1.6% | 55.5% | 77.5% |

Since most retention activity occurs in the first half of the membership year, the higher percentages to goal are expected. This should not be viewed as a sign that retention is tracking far ahead. This will start to level off over the coming months.

The goals for retention growth are reflective of the last five years, and are rather aggressive – local efforts are critical to sustain this.

| Recruitment | 2017 Recruitment Goal | 2017 Recruitment Growth | 2017 YTD Jan | % to Goal |
|-------------|-----------------------|-------------------------|--------------|-----------|
| R1 | 3,816 | 5.1% | 1,516 | 39.7% |
| R2 | 2,998 | 5.3% | 1,060 | 35.4% |
| R3 | 4,217 | 6.8% | 1,660 | 39.4% |
| R4 | 3,086 | 7.2% | 1,141 | 37.0% |
| R5 | 3,898 | 8.1% | 1,583 | 40.6% |
| R6 | 6,218 | 6.6% | 2,877 | 46.3% |
| R7 | 2,876 | 9.7% | 1,171 | 40.7% |
| R8 | 17,240 | 0.5% | 7,034 | 40.8% |
| R9 | 6,535 | 7.0% | 2,303 | 35.2% |
| R10 | 45,545 | -9.2% | 16,787 | 36.9% |
| Total | 96,429 | -2.4% | 37,132 | 38.5% |

Although recruitment improved in January, the residual effects of early declines are still impacting progress to goal. Nevertheless, 43% of all Sections are on track, and six Sections have already met or exceeded their recruitment goal!

Word of mouth is the most effective sales tool. Promote the Member-Get-a-Member program to your members.
www.ieee.org/mgm

| Reinstatement | 2017 Reinstatement Goal | 2017 Reinstatement Growth | 2017 YTD Jan | % to Goal |
|---------------|-------------------------|---------------------------|--------------|-----------|
| R1 | 1,302 | 5.0% | 585 | 44.9% |
| R2 | 1,159 | 5.0% | 450 | 38.8% |
| R3 | 1,334 | 5.0% | 598 | 44.8% |
| R4 | 914 | 5.0% | 405 | 44.3% |
| R5 | 1,256 | 5.0% | 606 | 48.3% |
| R6 | 2,570 | 5.0% | 1,160 | 45.1% |
| R7 | 694 | 5.0% | 364 | 52.4% |
| R8 | 4,296 | 5.0% | 1,810 | 42.1% |
| R9 | 1,149 | 5.0% | 576 | 50.1% |
| R10 | 5,329 | 5.0% | 2,489 | 46.7% |
| Total | 20,001 | 5.0% | 9,043 | 45.2% |

All but one Region is tracking above the goal benchmark. The goal is to grow reinstatement by 5%, which is the 4-year average historical growth rate

Former members are a ripe pool of candidates to outreach to – and each year that pool grows.

Focus on sustaining reinstatement growth by regularly outreaching to them and/or inviting them to events.

Find Section-level goals and progress in your monthly Region MD report.



Membership Retention Update

NOTE: The service deactivation takes place on Saturday, 25 February this year. Friday, 24 February is the last day to renew before benefits and services stop. Make every effort to communicate with your unrenewed members before they are deactivated. Even if it is post-deactivation, every Section should be reaching out to this group. They can renew any time before August to remain a member for 2017. Need help or ideas? See the next page, contact elyn.perez@ieee.org, or use the templates available on the MD portal, www.ieee.org/md.

Overall retention is ahead by a full one percent over last year, and the raw count of renewals is ahead by almost 6,000. Why is this significant? It signals that overall membership is in a continued growth pattern. Higher retention is the greatest predictor of membership growth. We began the membership year with ~3,300 more members – a larger renewal opportunity – and now we have almost 6,000 more members renewed compared to the same period in 2016 (see chart, page 1). This is keeping overall membership in a healthy growth margin. This should allow membership growth to slowly return to, and exceed, pre-2016 levels.

Only Region 10 is seeing overall retention slightly behind 2016, with gaps in higher grade and graduate student retention. Higher grade retention is outpacing last year in every other region. Graduate student and undergraduate student retention are both in positive territory this month. Undergraduate retention had been behind and just pulled ahead slightly in January.

First year member retention is a bright spot, as we see the year-over-year gains in retention get bigger each month. There are several communications that have been added to the first year of a member's tenure, to increase the engagement among this group (launched in the second quarter of 2016). We are also seeing many Sections implement their own 'first year experience' plan locally. This is an excellent idea. Do you have a first-year member program in place? Or do you need help or ideas to start one? Contact Denise Maestri, d.maestri@ieee.org.

IEEE Membership Renewal / Retention - January 2017

| REGION | HIGHER GRADE w/o GSM | | | | GRADUATE STUDENTS | | | | UNDERGRADUATE STUDENTS | | | | TOTAL MEMBERS | | | |
|--------------|----------------------|---------|--------|--------|-------------------|---------|--------|--------|------------------------|---------|--------|--------|---------------|---------|--------|--------|
| | Opportunity | Renewal | | | Opportunity | Renewal | | | Opportunity | Renewal | | | Opportunity | Renewal | | |
| | | # | %, '17 | %, '16 | | # | %, '17 | %, '16 | | # | %, '17 | %, '16 | | # | %, '17 | %, '16 |
| 1 | 26,637 | 19,742 | 74.1% | 72.1% | 1,460 | 489 | 33.5% | 30.4% | 1,557 | 273 | 17.5% | 16.2% | 29,654 | 20,504 | 69.1% | 67.2% |
| 2 | 23,278 | 17,484 | 75.1% | 72.6% | 1,352 | 481 | 35.6% | 33.6% | 1,228 | 231 | 18.8% | 24.2% | 25,858 | 18,196 | 70.4% | 68.5% |
| 3 | 22,789 | 16,554 | 72.6% | 70.5% | 1,790 | 682 | 38.1% | 36.9% | 1,942 | 369 | 19.0% | 18.6% | 26,521 | 17,605 | 66.4% | 64.2% |
| 4 | 16,700 | 12,372 | 74.1% | 71.2% | 1,518 | 595 | 39.2% | 37.3% | 1,231 | 261 | 21.2% | 19.3% | 19,449 | 13,228 | 68.0% | 65.2% |
| 5 | 22,071 | 15,812 | 71.6% | 69.5% | 1,415 | 519 | 36.7% | 32.6% | 1,546 | 309 | 20.0% | 17.4% | 25,032 | 16,640 | 66.5% | 63.6% |
| 6 | 44,365 | 32,277 | 72.8% | 70.8% | 2,168 | 779 | 35.9% | 31.7% | 2,517 | 548 | 21.8% | 19.3% | 49,050 | 33,604 | 68.5% | 66.0% |
| R 1-6 | 155,840 | 114,241 | 73.3% | 71.1% | 9,703 | 3,545 | 36.5% | 33.6% | 10,021 | 1,991 | 19.9% | 18.9% | 175,564 | 119,777 | 68.2% | 65.9% |
| 7 | 12,491 | 8,598 | 68.8% | 64.7% | 1,520 | 642 | 42.2% | 37.5% | 1,045 | 255 | 24.4% | 20.8% | 15,056 | 9,495 | 63.1% | 58.5% |
| 8 | 52,665 | 31,846 | 60.5% | 58.7% | 8,986 | 3,399 | 37.8% | 34.1% | 7,796 | 1,317 | 16.9% | 16.5% | 69,447 | 36,562 | 52.6% | 50.9% |
| 9 | 9,116 | 4,284 | 47.0% | 42.3% | 1,079 | 375 | 34.8% | 31.1% | 5,306 | 527 | 9.9% | 10.4% | 15,501 | 5,186 | 33.5% | 31.0% |
| 10 | 66,857 | 37,135 | 55.5% | 56.1% | 13,089 | 3,213 | 24.5% | 24.8% | 29,577 | 2,265 | 7.7% | 7.0% | 109,523 | 42,613 | 38.9% | 39.3% |
| R 7-10 | 141,129 | 81,863 | 58.0% | 56.9% | 24,674 | 7,629 | 30.9% | 29.6% | 43,724 | 4,364 | 10.0% | 9.7% | 209,527 | 93,856 | 44.8% | 44.2% |
| TOTAL | 296,969 | 196,104 | 66.0% | 64.6% | 34,377 | 11,174 | 32.5% | 30.8% | 53,745 | 6,355 | 11.8% | 11.7% | 385,091 | 213,633 | 55.5% | 54.5% |

➔ You can help improve higher grade retention in your Section by promoting Senior Member elevation, or by providing events and content that match your member's needs and interests. Get to know your members – there are pre-defined queries in SAMIEE that can help you do this.

First-Year Member Renewal / Retention - January 2017

| REGION | HIGHER GRADE w/o GSM | | | | GRADUATE STUDENTS | | | | UNDERGRADUATE STUDENTS | | | | TOTAL MEMBERS | | | |
|--------------|----------------------|---------|--------|--------|-------------------|---------|--------|--------|------------------------|---------|--------|--------|---------------|---------|--------|--------|
| | Opportunity | Renewal | | | Opportunity | Renewal | | | Opportunity | Renewal | | | Opportunity | Renewal | | |
| | | # | %, '17 | %, '16 | | # | %, '17 | %, '16 | | # | %, '17 | %, '16 | | # | %, '17 | %, '16 |
| 1 | 1,750 | 432 | 24.7% | 27.2% | 652 | 136 | 20.9% | 17.2% | 1,217 | 168 | 13.8% | 11.3% | 3,619 | 736 | 20.3% | 20.3% |
| 2 | 1,437 | 377 | 26.2% | 26.4% | 576 | 123 | 21.4% | 21.0% | 902 | 119 | 13.2% | 17.2% | 2,915 | 619 | 21.2% | 22.9% |
| 3 | 1,756 | 471 | 26.8% | 23.6% | 758 | 183 | 24.1% | 22.1% | 1,485 | 213 | 14.3% | 12.3% | 3,999 | 867 | 21.7% | 19.0% |
| 4 | 1,291 | 330 | 25.6% | 25.2% | 685 | 168 | 24.5% | 21.3% | 929 | 162 | 17.4% | 13.8% | 2,905 | 660 | 22.7% | 20.5% |
| 5 | 1,820 | 471 | 25.9% | 27.2% | 591 | 131 | 22.2% | 17.2% | 1,191 | 184 | 15.4% | 10.8% | 3,602 | 786 | 21.8% | 19.6% |
| 6 | 3,050 | 858 | 28.1% | 27.8% | 905 | 177 | 19.6% | 17.3% | 1,895 | 350 | 18.5% | 14.4% | 5,850 | 1,385 | 23.7% | 21.5% |
| R 1-6 | 11,104 | 2,939 | 26.5% | 26.4% | 4,167 | 918 | 22.0% | 19.2% | 7,619 | 1,196 | 15.7% | 13.1% | 22,890 | 5,053 | 22.1% | |
| 7 | 1,286 | 352 | 27.4% | 25.8% | 630 | 168 | 26.7% | 22.3% | 718 | 124 | 17.3% | 14.0% | 2,634 | 644 | 24.4% | 21.5% |
| 8 | 6,435 | 1,297 | 20.2% | 20.5% | 4,417 | 1,053 | 23.8% | 21.1% | 6,063 | 708 | 11.7% | 11.5% | 16,915 | 3,058 | 18.1% | 17.5% |
| 9 | 1,600 | 234 | 14.6% | 13.9% | 508 | 98 | 19.3% | 15.6% | 4,052 | 246 | 6.1% | 6.6% | 6,160 | 578 | 9.4% | 9.3% |
| 10 | 16,576 | 3,847 | 23.2% | 18.8% | 8,514 | 1,320 | 15.5% | 15.1% | 25,101 | 1,566 | 6.2% | 5.4% | 50,191 | 6,733 | 13.4% | 10.8% |
| R 7-10 | 25,897 | 5,730 | 22.1% | 19.3% | 14,069 | 2,639 | 18.8% | 17.5% | 35,934 | 2,644 | 7.4% | 6.9% | 75,900 | 11,013 | 14.5% | 12.8% |
| TOTAL | 37,001 | 8,669 | 23.4% | 21.8% | 18,236 | 3,557 | 19.5% | 17.9% | 43,553 | 3,840 | 8.8% | 8.1% | 98,790 | 16,066 | 16.3% | 14.8% |



MD Volunteer Tools for Arrears Recovery

MD Volunteers have access to SAMIEEE, which provides a list of members who have not renewed their membership—updated daily. Additionally, Volunteers are free to use the letter template (right), or develop their own unique message to encourage continued membership.

SAMIEEE DATA / PRE-DEFINED QUERIES

SAMIEEE provides pre-defined queries, to isolate the names and contact information of members in arrears.

MD folder:

- (MD) “2016 Last Renewal Year for Active Members”
- (MD) “First Year Members Not Renewed”

MGA Staff-Initiated Campaigns

‘Last Issue’ Cover Wrap



As is customary with many magazines, a cover wrapper informs readers their last issue has arrived, and they need to take action to renew. The March issue of IEEE Spectrum will carry a full page cover wrap for all members who have

not renewed their membership.

E-Mail Reminders

Beginning in March through June, the MD staff sends several messages to members in arrears asking them to renew their membership. Special emphasis is being placed on the career-related resources IEEE offers to its members.

Final Print Notice Mailing

A final arrears invoice will mail in early April to all unrenewed HG members worldwide.

Courtesy Calls

The IEEE Contact Center outreaches to HG members in arrears, March through June, to augment the recovery effort.

SAMPLE LETTER ARREARS RECOVERY

< customized to the Section >

Dear < member >,

As an IEEE member in 2016, you have helped the IEEE < Section > serve your local community, and I want to thank you for your support. We take seriously our mission and obligation to raise awareness about the role that engineering and technology can play in making our world a better place. In that spirit, the IEEE < Section / Chapter > sponsored several worthwhile activities in 2016, including:

- < Section / Chapter activity >
- < Section / Chapter activity >
- < Section / Chapter activity >

During a recent review of our membership, I noticed your name missing from our list of current members. With the busy pace of everyday life, perhaps this was a simple oversight.

Because you make a difference, I am seeking your membership renewal and support again in 2017 – the good deeds we deliver to our community depend on it. You can renew your IEEE membership at www.ieee.org/renew.

Thank you for your time, and continued consideration to support the activities of the IEEE < Section / Chapter >. If you have already renewed, we thank you for your support.

Let me know how I can be of any assistance.

Sincerely,
< Name >
Chair, IEEE < Section / Chapter >
< e-mail address >

P.S. Your renewal consideration during tough economic times is greatly appreciated. If you have become unemployed, IEEE will help by discounting your annual membership dues 50%.

Recruitment Update

The decline in overall recruitment that we've seen since the third quarter of 2016 is starting to reverse its trend. While the large gains in Region 10 last year are working against an overall improvement this year, there were some nice gains made in January. Recruitment is behind last year by -0.5%, shaving a large part of the -3.9% deficit of last month. In fact, the month of January saw the highest recruitment counts since 2014. Here is how each of the three categories impacted the overall result in January:

- **Undergraduate recruitment** is up +2.0% pulling ahead of -2.2% last month
 - Region 6 and Region 9 maintaining double digit percentage gains.
 - Last year at this time: undergraduate recruitment was +1.4%
- **Graduate student recruitment** is now ahead as well by +0.7%, from -0.5% last month
 - Though Region 10 is the impetus, Regions 1-6 cut deficit in half from last month.
 - Last year at this time: graduate student recruitment was +1.9%
- **Higher Grade recruitment** is behind -9.5%, improved from -13.7% last month
 - Record recruitment in Region 10 last year making positive gains this year a challenge, though Regions 1-6 also cut their higher grade deficit in half.
 - Last year at this time: higher grade recruitment was +9.5%.

➔ Sections are encouraged to **promote the Member-Get-a-Member referral program** to existing members, especially within the student branches in your Section. Need help or ideas? E-mail elyn.perez@ieee.org.

Cumulative Recruitment - January 2017

| REGION | HIGHER GRADE w/o GSMS | | | | GRADUATE STUDENTS | | | | UNDERGRADUATE STUDENTS | | | | TOTAL MEMBERS | | | |
|--------|-----------------------|-------|-------|--------|-------------------|-------|-------|--------|------------------------|--------|-------|--------|---------------|--------|-------|--------|
| | 2017 | | 2016 | | 2017 | | 2016 | | 2017 | | 2016 | | 2017 | | 2016 | |
| | # | % | # | % | # | % | # | % | # | % | # | % | # | % | | |
| 1 | 372 | 367 | 5 | 1.4% | 338 | 350 | (12) | -3.4% | 806 | 985 | (179) | -18.2% | 1,516 | 1,702 | (186) | -10.9% |
| 2 | 257 | 304 | (47) | -15.5% | 276 | 289 | (13) | -4.5% | 527 | 617 | (90) | -14.6% | 1,060 | 1,210 | (150) | -12.4% |
| 3 | 303 | 364 | (61) | -16.8% | 375 | 354 | 21 | 5.9% | 982 | 1,023 | (41) | -4.0% | 1,660 | 1,741 | (81) | -4.7% |
| 4 | 230 | 253 | (23) | -9.1% | 299 | 329 | (30) | -9.1% | 612 | 668 | (56) | -8.4% | 1,141 | 1,250 | (109) | -8.7% |
| 5 | 380 | 384 | (4) | -1.0% | 330 | 310 | 20 | 6.5% | 873 | 939 | (66) | -7.0% | 1,583 | 1,633 | (50) | -3.1% |
| 6 | 762 | 750 | 12 | 1.6% | 493 | 588 | (95) | -16.2% | 1,622 | 1,338 | 284 | 21.2% | 2,877 | 2,676 | 201 | 7.5% |
| R 1-6 | 2,304 | 2,422 | (118) | -4.9% | 2,111 | 2,220 | (109) | -4.9% | 5,422 | 5,570 | (148) | -2.7% | 9,837 | 10,212 | (375) | -3.7% |
| 7 | 284 | 280 | 4 | 1.4% | 309 | 313 | (4) | -1.3% | 578 | 567 | 11 | 1.9% | 1,171 | 1,160 | 11 | 0.9% |
| 8 | 1,281 | 1,277 | 4 | 0.3% | 1,771 | 2,213 | (442) | -20.0% | 3,982 | 4,000 | (18) | -0.5% | 7,034 | 7,490 | (456) | -6.1% |
| 9 | 334 | 332 | 2 | 0.6% | 245 | 242 | 3 | 1.2% | 1,724 | 1,434 | 290 | 20.2% | 2,303 | 2,008 | 295 | 14.7% |
| 10 | 2,310 | 2,884 | (574) | -19.9% | 3,911 | 3,302 | 609 | 18.4% | 10,566 | 10,271 | 295 | 2.9% | 16,787 | 16,457 | 330 | 2.0% |
| R 7-10 | 4,209 | 4,773 | (564) | -11.8% | 6,236 | 6,070 | 166 | 2.7% | 16,850 | 16,272 | 578 | 3.6% | 27,295 | 27,115 | 180 | 0.7% |
| TOTAL | 6,513 | 7,195 | (682) | -9.5% | 8,347 | 8,290 | 57 | 0.7% | 22,272 | 21,842 | 430 | 2.0% | 37,132 | 37,327 | (195) | -0.5% |

IEEE-USA Recruitment Incentive



In an effort to increase US higher-grade membership, IEEE-USA and MGA have partnered on a campaign that builds on the existing Member-Get-a-Member program.



Higher-grade members in the US are eligible to submit referrals through a special online form. An automated email invites the referral to join and offers a US\$25 discount on their first year (16 August - 28 February), or to join at the special half year dues rate (1 March – 15 August). For each successful new recruit, the referring member can select an IEEE-USA branded merchandise item including a hat, cooler, backpack, golf balls, pen sets, portable charger, tablet case, umbrella and more.

MGA promotes the program in the monthly Benefits Bulletin, and **Sections and Regions should promote the program on their own website.** For more information on how to do this, contact Elyn Perez, elyn.perez@ieee.org.

| | 2017 To Date | 2016 Total | 2015 Total | 2014 Total | Program To Date |
|-----------------------|--------------|------------|------------|------------|-----------------|
| Referrals Submitted | 295 | 1,094 | 941 | 1,240 | 3,570 |
| Referrals Joined | 130 | 475 | 224 | 397 | 1,226 |
| % of Referrals Joined | 44.0% | 43.4% | 23.8% | 32.0% | 34.3% |
| # New US HG Members | 78 | 377 | 168 | 295 | 918 |



Recruiters of the Month – Member-Get-a-Member (MGM) Program

www.ieee.org/mgm

We are pleased to recognize this month’s top program participants. The IEEE Member-Get-a-Member (MGM) program is popular with student members and therefore the program results often ebb and flow with the academic school year.

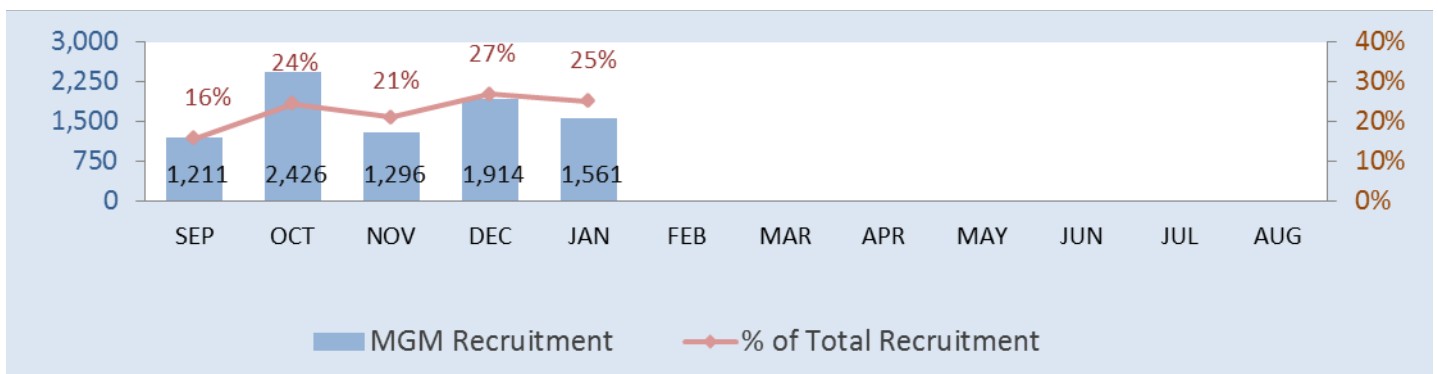
| | | | | | |
|--------------------------------|------------------------|----------------|--------------------------------------|------------------------|----------------|
| Sriram M | R10, Bangalore Section | 43 new members | Rajiv M N | R10, Bangalore Section | 14 new members |
| Aathira M M | R10, Kerala Section | 30 new members | Prince Verma | R10, Bangalore Section | 14 new members |
| Dominic Mathew | R10, Madras Section | 26 new members | Prajna YM | R10, Bangalore Section | 14 new members |
| Pavan Krishna G | R10, Hyderabad Section | 24 new members | Aiswarya S | R10, Kerala Section | 13 new members |
| Akshay Krishnan | R10, Bangalore Section | 22 new members | Anusha I S | R10, Bangalore Section | 13 new members |
| Vivek Keshava | R10, Bangalore Section | 22 new members | Gedela Vivek | R10, Kerala Section | 13 new members |
| Sudhanva Acharya B | R10, Hyderabad Section | 20 new members | Anoop Gowda Chowdhury Hossain | R10, Bangalore Section | 13 new members |
| Pamitha P | R10, Madras Section | 20 new members | Shivani Nayak | R10, Bangalore Section | 12 new members |
| Diana Briceno Rodriguez | R9, Colombia Section | 19 new members | Komal Kumari | R10, Kolkata Section | 11 new members |
| Krishnadev I L | R10, Kerala Section | 19 new members | Rudamma D Chulki | R10, Bangalore Section | 11 new members |
| Balakrishna Vagvala | R10, Hyderabad Section | 19 new members | Frey Paul Chambi Vilcapaza | R9, Peru Section | 11 new members |
| Romy Byju | R10, Kerala Section | 18 new members | Fatimah Abd Rahman | R10, Malaysia Section | 10 new members |
| Aishwarya Madankollan | R10, Hyderabad Section | 18 new members | Rahul Anand Nayanegali | R10, Bangalore Section | 10 new members |
| Sushma Guntupalli | R10, Hyderabad Section | 18 new members | Aishwarya Joisa | R10, Bangalore Section | 10 new members |
| Abhiram Thumpudi | R10, Hyderabad Section | 18 new members | Rakshantha Reddy | R10, Hyderabad Section | 10 new members |
| Venkatesh Gudivada | R10, Hyderabad Section | 17 new members | Shivam Mundada | R10, Hyderabad Section | 10 new members |
| Yeshwanth K T | R10, Bangalore Section | 15 new members | Nived V | R10, Kerala Section | 10 new members |
| Manisha Vincy | R10, Kerala Section | 14 new members | | | |

2017 MGM Recruits YTD: 8,408 new members*

Same period last year: 8,230*

Year-over-year: +2.1%

**Eligible referrals under the program rules.*



| | | |
|-----------------------------|----------------|---|
| Membership by Region | Jan '17 | e-Members are included in the higher-grade counts of Regions 3, 8, 9, and 10. Green shading = year-over-year growth >1.0%; Yellow shading = +/- 0.99%; Red shading > (1.0%) |
|-----------------------------|----------------|---|

| Total IEEE Membership - January 2017 | | | | | | | | | | | | | | | | |
|--------------------------------------|----------------------|----------------|--------------|--------------|-------------------|---------------|------------|-------------|------------------------|---------------|--------------|-------------|----------------|----------------|--------------|-------------|
| REGION | Higher-Grade w/o GSM | | | | Graduate Students | | | | Undergraduate Students | | | | TOTAL MEMBERS | | | |
| | 2017 | 2016 | Change | | 2017 | 2016 | Change | | 2017 | 2016 | Change | | 2017 | 2016 | | |
| | | | # | % | | | # | % | | | # | % | | | # | % |
| 1 | 27,306 | 28,230 | (924) | -3.3% | 1,946 | 2,080 | (134) | -6.4% | 2,470 | 2,601 | (131) | -5.0% | 31,722 | 32,911 | (1,189) | -3.6% |
| 2 | 23,688 | 24,671 | (983) | -4.0% | 1,753 | 1,861 | (108) | -5.8% | 1,813 | 1,887 | (74) | -3.9% | 27,254 | 28,419 | (1,165) | -4.1% |
| 3 | 23,396 | 23,929 | (533) | -2.2% | 2,365 | 2,345 | 20 | 0.9% | 3,066 | 3,339 | (273) | -8.2% | 28,827 | 29,613 | (786) | -2.7% |
| 4 | 17,053 | 17,561 | (508) | -2.9% | 1,963 | 1,991 | (28) | -1.4% | 1,901 | 2,116 | (215) | -10.2% | 20,917 | 21,668 | (751) | -3.5% |
| 5 | 22,785 | 23,537 | (752) | -3.2% | 1,898 | 1,928 | (30) | -1.6% | 2,555 | 3,001 | (446) | -14.9% | 27,238 | 28,466 | (1,228) | -4.3% |
| 6 | 46,278 | 47,398 | (1,120) | -2.4% | 2,929 | 3,292 | (363) | -11.0% | 4,326 | 4,464 | (138) | -3.1% | 53,533 | 55,154 | (1,621) | -2.9% |
| R 1-6 | 160,506 | 165,326 | (4,820) | -2.9% | 12,854 | 13,497 | (643) | -4.8% | 16,131 | 17,408 | (1,277) | -7.3% | 189,491 | 196,231 | (6,740) | -3.4% |
| 7 | 12,894 | 13,418 | (524) | -3.9% | 1,978 | 2,143 | (165) | -7.7% | 1,696 | 1,837 | (141) | -7.7% | 16,568 | 17,398 | (830) | -4.8% |
| 8 | 54,653 | 55,411 | (758) | -1.4% | 11,395 | 12,083 | (688) | -5.7% | 12,127 | 11,692 | 435 | 3.7% | 78,175 | 79,186 | (1,011) | -1.3% |
| 9 | 9,680 | 10,383 | (703) | -6.8% | 1,434 | 1,396 | 38 | 2.7% | 7,287 | 7,034 | 253 | 3.6% | 18,401 | 18,813 | (412) | -2.2% |
| 10 | 70,380 | 64,022 | 6,358 | 9.9% | 17,787 | 15,910 | 1,877 | 11.8% | 40,596 | 36,375 | 4,221 | 11.6% | 128,763 | 116,307 | 12,456 | 10.7% |
| R 7-10 | 147,607 | 143,234 | 4,373 | 3.1% | 32,594 | 31,532 | 1,062 | 3.4% | 61,706 | 56,938 | 4,768 | 8.4% | 241,907 | 231,704 | 10,203 | 4.4% |
| TOTAL | 308,113 | 308,560 | (447) | -0.1% | 45,448 | 45,029 | 419 | 0.9% | 77,837 | 74,346 | 3,491 | 4.7% | 431,398 | 427,935 | 3,463 | 0.8% |

- Overall membership is ahead +0.8% YoY
 - Was +0.5% last month
 - Main drivers: Improving recruitment and reinstatement activity
 - Last year this time was -1.3%
- Higher-grade membership behind by just -0.1%, slightly better than -0.2% last month
 - Main driver: Recruitment declines showed improvement in almost all regions, especially in US regions
 - Last year overall HG was -0.8%
- GSM grade is positive +0.9%, up from +0.7%
 - Main driver: Recruitment improving, now ahead YoY
 - Last year this time was -5.7%
- STU membership is up +4.7% YoY, grew from +3.6% last month
 - Main driver: Recruitment turned positive; student reinstatement activity is higher
 - Last year this time was -0.6%

Society Memberships

Color Key: **Green** shading = year-over-year growth >1.0%; **Yellow** shading = +/- 0.99%; **Red** shading > (1.0%)

| IEEE Society Membership Totals as of January 2017 | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|---------------|-------------|--------------|----------------------|--------------|------------|--------------|--------------------|------------|-----------|--------------|----------------------------------|---------------|-------------|--------------|-------------------------------------|---------------|-------------|--------------|
| SOCIETY / DIVISION | IEEE Higher Grade Members | | Change | | IEEE Student Members | | Change | | Society Affiliates | | Change | | Society Totals (with affiliates) | | Change | | Society Totals (without affiliates) | | Change | |
| | 2017 | 2016 | # | % | 2017 | 2016 | # | % | 2017 | 2016 | # | % | 2017 | 2016 | # | % | 2017 | 2016 | # | % |
| IEEE Societies | | | | | | | | | | | | | | | | | | | | |
| DIVISION I | | | | | | | | | | | | | | | | | | | | |
| Circuits & Systems | 9,655 | 9,395 | 260 | 2.8% | 528 | 546 | -18 | -3.3% | 45 | 49 | -4 | -8.2% | 10,228 | 9,990 | 238 | 2.4% | 10,183 | 9,941 | 242 | 2.4% |
| Electron Devices | 9,907 | 9,642 | 265 | 2.7% | 500 | 457 | 43 | 9.4% | 55 | 50 | 5 | 10.0% | 10,462 | 10,149 | 313 | 3.1% | 10,407 | 10,099 | 308 | 3.0% |
| Solid-State Circuits | 9,847 | 9,745 | 102 | 1.0% | 307 | 229 | 78 | 34.1% | 103 | 107 | -4 | -3.7% | 10,257 | 10,081 | 176 | 1.7% | 10,154 | 9,974 | 180 | 1.8% |
| Div I Subtotal | 29,409 | 28,782 | 627 | 2.2% | 1,335 | 1,232 | 103 | 8.4% | 203 | 206 | -3 | -1.5% | 30,947 | 30,220 | 727 | 2.4% | 30,744 | 30,014 | 730 | 2.4% |
| DIVISION II | | | | | | | | | | | | | | | | | | 0 | | |
| Components, Packaging & Mfg Tech | 2,346 | 2,386 | -40 | -1.7% | 39 | 53 | -14 | -26.4% | 31 | 27 | 4 | 14.8% | 2,416 | 2,466 | -50 | -2.0% | 2,385 | 2,439 | -54 | -2.2% |
| Dielectrics & Electrical Insulation | 2,053 | 2,073 | -20 | -1.0% | 26 | 16 | 10 | 62.5% | 28 | 27 | 1 | 3.7% | 2,107 | 2,116 | -9 | -0.4% | 2,079 | 2,089 | -10 | -0.5% |
| Industry Applications | 10,945 | 10,976 | -31 | -0.3% | 2,715 | 1,848 | 867 | 46.9% | 50 | 45 | 5 | 11.1% | 13,710 | 12,869 | 841 | 6.5% | 13,660 | 12,824 | 836 | 6.5% |
| Instrumentation & Measurements | 3,679 | 3,861 | -182 | -4.7% | 105 | 95 | 10 | 10.5% | 20 | 15 | 5 | 33.3% | 3,804 | 3,971 | -167 | -4.2% | 3,784 | 3,956 | -172 | -4.3% |
| Power Electronics | 7,854 | 7,679 | 175 | 2.3% | 558 | 553 | 5 | 0.9% | 21 | 32 | -11 | -34.4% | 8,433 | 8,264 | 169 | 2.0% | 8,412 | 8,232 | 180 | 2.2% |
| Ultrasonics, Ferroelectrics, Freq Ctrl | 2,218 | 2,183 | 35 | 1.6% | 68 | 55 | 13 | 23.6% | 50 | 41 | 9 | 22.0% | 2,336 | 2,279 | 57 | 2.5% | 2,286 | 2,238 | 48 | 2.1% |
| Div II Subtotal | 29,095 | 29,158 | -63 | -0.2% | 3,511 | 2,620 | 891 | 34.0% | 200 | 187 | 13 | 7.0% | 32,806 | 31,965 | 841 | 2.6% | 32,606 | 31,778 | 828 | 2.6% |
| DIVISION III | | | | | | | | | | | | | | | | | | | | |
| Communications | 27,557 | 28,580 | -1,023 | -3.6% | 928 | 876 | 52 | 5.9% | 450 | 1,084 | -634 | -58.5% | 28,935 | 30,540 | -1,605 | -5.3% | 28,485 | 29,456 | -971 | -3.3% |
| DIVISION IV | | | | | | | | | | | | | | | | | | | | |
| Antennas & Propagation | 8,471 | 8,523 | -52 | -0.6% | 246 | 283 | -37 | -13.1% | 57 | 54 | 3 | 5.6% | 8,774 | 8,860 | -86 | -1.0% | 8,717 | 8,806 | -89 | -1.0% |
| Broadcast Technology | 1,609 | 1,617 | -8 | -0.5% | 58 | 47 | 11 | 23.4% | 26 | 21 | 5 | 23.8% | 1,693 | 1,685 | 8 | 0.5% | 1,667 | 1,664 | 3 | 0.2% |
| Consumer Electronics | 2,765 | 2,931 | -166 | -5.7% | 144 | 135 | 9 | 6.7% | 20 | 22 | -2 | -9.1% | 2,929 | 3,088 | -159 | -5.1% | 2,909 | 3,066 | -157 | -5.1% |
| Electromagnetic Compatibility | 3,690 | 3,859 | -169 | -4.4% | 50 | 52 | -2 | -3.8% | 43 | 36 | 7 | 19.4% | 3,783 | 3,947 | -164 | -4.2% | 3,740 | 3,911 | -171 | -4.4% |
| Magnetics | 2,812 | 2,989 | -177 | -5.9% | 58 | 80 | -22 | -27.5% | 71 | 86 | -15 | -17.4% | 2,941 | 3,155 | -214 | -6.8% | 2,870 | 3,069 | -199 | -6.5% |
| Microwave Theory & Techniques | 10,643 | 10,901 | -258 | -2.4% | 305 | 322 | -17 | -5.3% | 32 | 33 | -1 | -3.0% | 10,980 | 11,256 | -276 | -2.5% | 10,948 | 11,223 | -275 | -2.5% |
| Nuclear & Plasma Sciences | 2,826 | 2,865 | -39 | -1.4% | 95 | 75 | 20 | 26.7% | 45 | 45 | 0 | 0.0% | 2,966 | 2,985 | -19 | -0.6% | 2,921 | 2,940 | -19 | -0.6% |
| Div IV Subtotal | 32,816 | 33,685 | -869 | -2.6% | 956 | 994 | -38 | -3.8% | 294 | 297 | -3 | -1.0% | 34,066 | 34,976 | -910 | -2.6% | 33,772 | 34,679 | -907 | -2.6% |
| DIVISION V/VIII | | | | | | | | | | | | | | | | | | | | |
| Computer | 43,861 | 42,623 | 1,238 | 2.9% | 4,442 | 3,569 | 873 | 24.5% | 7,587 | 8,645 | -1,058 | -12.2% | 55,890 | 54,837 | 1,053 | 1.9% | 48,303 | 46,192 | 2,111 | 4.6% |

Color Key: Green shading = year-over-year growth >1.0%; Yellow shading = +/- 0.99%; Red shading > (1.0%)

| IEEE Society Membership Totals as of January 2017 | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|----------------|-------------|--------------|----------------------|---------------|--------------|---------------|--------------------|---------------|---------------|---------------|----------------------------------|----------------|---------------|--------------|-------------------------------------|----------------|---------------|--------------|
| SOCIETY / DIVISION | IEEE Higher Grade Members | | Change | | IEEE Student Members | | Change | | Society Affiliates | | Change | | Society Totals (with affiliates) | | Change | | Society Totals (without affiliates) | | Change | |
| | 2017 | 2016 | # | % | 2017 | 2016 | # | % | 2017 | 2016 | # | % | 2017 | 2016 | # | % | 2017 | 2016 | # | % |
| IEEE Societies | | | | | | | | | | | | | | | | | | | | |
| DIVISION VI | | | | | | | | | | | | | | | | | | | | |
| Education | 3,223 | 3,268 | -45 | -1.4% | 67 | 93 | -26 | -28.0% | 42 | 41 | 1 | 2.4% | 3,332 | 3,402 | -70 | -2.1% | 3,290 | 3,361 | -71 | -2.1% |
| Industrial Electronics | 6,557 | 6,303 | 254 | 4.0% | 282 | 284 | -2 | -0.7% | 30 | 29 | 1 | 3.4% | 6,869 | 6,616 | 253 | 3.8% | 6,839 | 6,587 | 252 | 3.8% |
| Product Safety Engineering | 782 | 798 | -16 | -2.0% | 37 | 3 | 34 | 1133.3% | 13 | 11 | 2 | 18.2% | 832 | 812 | 20 | 2.5% | 819 | 801 | 18 | 2.2% |
| Professional Communication | 631 | 670 | -39 | -5.8% | 23 | 18 | 5 | 27.8% | 56 | 51 | 5 | 9.8% | 710 | 739 | -29 | -3.9% | 654 | 688 | -34 | -4.9% |
| Reliability | 1,654 | 1,759 | -105 | -6.0% | 18 | 28 | -10 | -35.7% | 26 | 29 | -3 | -10.3% | 1,698 | 1,816 | -118 | -6.5% | 1,672 | 1,787 | -115 | -6.4% |
| Social Implications of Technology | 1,423 | 1,403 | 20 | 1.4% | 86 | 30 | 56 | 186.7% | 24 | 15 | 9 | 60.0% | 1,533 | 1,448 | 85 | 5.9% | 1,509 | 1,433 | 76 | 5.3% |
| Technology and Engineering Mgmt | 2,780 | 2,833 | -53 | -1.9% | 78 | 74 | 4 | 5.4% | 38 | 35 | 3 | 8.6% | 2,896 | 2,942 | -46 | -1.6% | 2,858 | 2,907 | -49 | -1.7% |
| Div VI Subtotal | 17,050 | 17,034 | 16 | 0.1% | 591 | 530 | 61 | 11.5% | 229 | 211 | 18 | 8.5% | 17,870 | 17,775 | 95 | 0.5% | 17,641 | 17,564 | 77 | 0.4% |
| DIVISION VII | | | | | | | | | | | | | | | | | | | | |
| Power & Energy | 30,681 | 30,087 | 594 | 2.0% | 5,670 | 4,503 | 1,167 | 25.9% | 462 | 370 | 92 | 24.9% | 36,813 | 34,960 | 1,853 | 5.3% | 36,351 | 34,590 | 1,761 | 5.1% |
| DIVISION IX | | | | | | | | | | | | | | | | | | | | |
| Aerospace & Electronic Systems | 4,387 | 4,398 | -11 | -0.3% | 248 | 262 | -14 | -5.3% | 27 | 28 | -1 | -3.6% | 4,662 | 4,688 | -26 | -0.6% | 4,635 | 4,660 | -25 | -0.5% |
| Geoscience & Remote Sensing | 3,441 | 3,368 | 73 | 2.2% | 149 | 125 | 24 | 19.2% | 179 | 217 | -38 | -17.5% | 3,769 | 3,710 | 59 | 1.6% | 3,590 | 3,493 | 97 | 2.8% |
| Information Theory | 3,072 | 3,246 | -174 | -5.4% | 86 | 73 | 13 | 17.8% | 27 | 30 | -3 | -10.0% | 3,185 | 3,349 | -164 | -4.9% | 3,158 | 3,319 | -161 | -4.9% |
| Intelligent Transportation Systems | 1,552 | 1,473 | 79 | 5.4% | 50 | 39 | 11 | 28.2% | 22 | 25 | -3 | -12.0% | 1,624 | 1,537 | 87 | 5.7% | 1,602 | 1,512 | 90 | 6.0% |
| Oceanic Engineering | 1,699 | 1,766 | -67 | -3.8% | 74 | 53 | 21 | 39.6% | 32 | 29 | 3 | 10.3% | 1,805 | 1,848 | -43 | -2.3% | 1,773 | 1,819 | -46 | -2.5% |
| Signal Processing | 16,227 | 17,103 | -876 | -5.1% | 990 | 1,498 | -508 | -33.9% | 212 | 190 | 22 | 11.6% | 17,429 | 18,791 | -1,362 | -7.2% | 17,217 | 18,601 | -1,384 | -7.4% |
| Vehicular Technology | 4,166 | 4,084 | 82 | 2.0% | 125 | 127 | -2 | -1.6% | 20 | 30 | -10 | -33.3% | 4,311 | 4,241 | 70 | 1.7% | 4,291 | 4,211 | 80 | 1.9% |
| Div IX Subtotal | 34,544 | 35,438 | -894 | -2.5% | 1,722 | 2,177 | -455 | -20.9% | 519 | 549 | -30 | -5.5% | 36,785 | 38,164 | -1,379 | -3.6% | 36,266 | 37,615 | -1,349 | -3.6% |
| DIVISION X | | | | | | | | | | | | | | | | | | | | |
| Computational Intelligence | 6,319 | 6,585 | -266 | -4.0% | 382 | 613 | -231 | -37.7% | 87 | 84 | 3 | 3.6% | 6,788 | 7,282 | -494 | -6.8% | 6,701 | 7,198 | -497 | -6.9% |
| Control Systems | 8,476 | 8,735 | -259 | -3.0% | 295 | 315 | -20 | -6.3% | 88 | 75 | 13 | 17.3% | 8,859 | 9,125 | -266 | -2.9% | 8,771 | 9,050 | -279 | -3.1% |
| Engineering in Medicine & Biology | 8,911 | 9,090 | -179 | -2.0% | 1,213 | 1,678 | -465 | -27.7% | 663 | 981 | -318 | -32.4% | 10,787 | 11,749 | -962 | -8.2% | 10,124 | 10,768 | -644 | -6.0% |
| Photonics | 5,952 | 5,748 | 204 | 3.5% | 106 | 108 | -2 | -1.9% | 201 | 180 | 21 | 11.7% | 6,259 | 6,036 | 223 | 3.7% | 6,058 | 5,856 | 202 | 3.4% |
| Robotics & Automation | 11,234 | 10,999 | 235 | 2.1% | 2,654 | 2,368 | 286 | 12.1% | 149 | 133 | 16 | 12.0% | 14,037 | 13,500 | 537 | 4.0% | 13,888 | 13,367 | 521 | 3.9% |
| Systems, Man & Cybernetics | 4,358 | 4,365 | -7 | -0.2% | 159 | 207 | -48 | -23.2% | 38 | 44 | -6 | -13.6% | 4,555 | 4,616 | -61 | -1.3% | 4,517 | 4,572 | -55 | -1.2% |
| Div X Subtotal | 45,250 | 45,522 | -272 | -0.6% | 4,809 | 5,289 | -480 | -9.1% | 1,226 | 1,497 | -271 | -18.1% | 51,285 | 52,308 | -1,023 | -2.0% | 50,059 | 50,811 | -752 | -1.5% |
| TOTAL | 290,263 | 290,909 | -646 | -0.2% | 23,964 | 21,790 | 2,174 | 10.0% | 11,170 | 13,046 | -1,876 | -14.4% | 325,397 | 325,745 | -348 | -0.1% | 314,227 | 312,699 | 1,528 | 0.5% |



| Women in Engineering (WIE) | | | | | Jan '17 | | | | |
|----------------------------|----------------|----------------|----------------|--------------|-----------------------------|----------------|----------------|----------------|--------------|
| Grade | This Month '17 | This Month '16 | Year-over-Year | | Region | This Month '17 | This Month '16 | Year-over-Year | |
| | | | # | % | | | | # | % |
| Honorary | 107 | 102 | 5 | | U.S. | 3,480 | 3,445 | 35 | 1.0% |
| Fellow | 729 | 652 | 77 | 11.8% | Canada | 424 | 397 | 27 | 6.8% |
| Senior Member | 4340 | 3976 | 364 | 9.2% | Europe, Middle East, Africa | 3,442 | 3,062 | 380 | 12.4% |
| Member | 107 | 129 | (22) | -17.1% | Latin America | 2,782 | 2,640 | 142 | 5.4% |
| Associate Member | 2428 | 2149 | 279 | 13.0% | Asia & Pacific | 11,354 | 8,940 | 2,414 | 27.0% |
| Graduate Student | 13771 | 11476 | 2,295 | 20.0% | Total | 21,482 | 18,484 | 2,998 | 16.2% |
| Student | 21482 | 18484 | 2,998 | 16.2% | | | | | |
| Total | 20,379 | 17,554 | 2,825 | 16.1% | | | | | |

IEEE Women in Engineering (WIE) membership is only available to IEEE members. WIE membership is free for students, graduate students and life members. Professional members pay a WIE membership fee.

IEEE STANDARDS ASSOCIATION

| IEEE Standards Association | | | | | Jan '17 | | | | |
|----------------------------|----------------|----------------|----------------|-------------|--------------|----------------|----------------|----------------|-------------|
| Grade | This Month '17 | This Month '16 | Year-over-Year | | Grade | This Month '17 | This Month '16 | Year-over-Year | |
| | | | # | % | | | | # | % |
| Student | 42 | 55 | (13) | -23.6% | Student | 42 | 55 | (13) | -23.6% |
| Higher-Grade | 6,383 | 6,275 | 108 | 1.7% | Higher-Grade | 6,383 | 6,275 | 108 | 1.7% |
| Affiliate | 64 | 67 | (3) | -4.5% | Affiliate | 64 | 67 | (3) | -4.5% |
| Total | 6,489 | 6,397 | 92 | 1.4% | Total | 6,489 | 6,397 | 92 | 1.4% |

IEEE Standards Association members (SA members) may also be IEEE members or Society Affiliates. However IEEE or Society membership is not a requirement to join. These individuals join the Standards Association for the benefit of being able to ballot on standards projects and assume leadership roles within a working group.



Membership in IEEE Young Professionals is automatically given to Graduate Students and higher grade members within 15 years of receiving their first professional degree, and higher grade members beyond 15 years who wish to opt in, at no additional cost.

| Geographic IEEE Young Professionals Membership - January 2017 | | | | | | | | | |
|---|----------------------|---------------|--------------|---------------|---------------|-------------|----------------|----------------|--------------|
| Region | Higher Grade w/o GSM | | | Students | | | Total | | |
| | 2017 | 2016 | % change | 2017 | 2016 | % change | 2017 | 2016 | % change |
| 1 | 3,895 | 4,108 | -5.2% | 1,851 | 1,997 | -7.3% | 5,746 | 6,105 | -5.9% |
| 2 | 3,234 | 3,648 | -11.3% | 1,665 | 1,790 | -7.0% | 4,899 | 5,438 | -9.9% |
| 3 | 3,715 | 4,220 | -12.0% | 2,237 | 2,231 | 0.3% | 5,952 | 6,451 | -7.7% |
| 4 | 3,085 | 3,438 | -10.3% | 1,851 | 1,912 | -3.2% | 4,936 | 5,350 | -7.7% |
| 5 | 3,851 | 4,384 | -12.2% | 1,795 | 1,835 | -2.2% | 5,646 | 6,219 | -9.2% |
| 6 | 7,353 | 8,049 | -8.6% | 2,799 | 3,160 | -11.4% | 10,152 | 11,209 | -9.4% |
| R 1-6 | 25,133 | 27,847 | -9.7% | 12,198 | 12,925 | -5.6% | 37,331 | 40,772 | -8.4% |
| 7 | 2,946 | 3,367 | -12.5% | 1,887 | 2,052 | -8.0% | 4,833 | 5,419 | -10.8% |
| 8 | 15,446 | 16,782 | -8.0% | 10,972 | 11,662 | -5.9% | 26,418 | 28,444 | -7.1% |
| 9 | 3,218 | 3,776 | -14.8% | 1,416 | 1,330 | 6.5% | 4,634 | 5,106 | -9.2% |
| 10 | 18,383 | 19,502 | -5.7% | 17,189 | 15,311 | 12.3% | 35,572 | 34,813 | 2.2% |
| R 7-10 | 39,993 | 43,427 | -7.9% | 31,464 | 30,355 | 3.7% | 71,457 | 73,782 | -3.2% |
| TOTAL | 65,126 | 71,274 | -8.6% | 43,662 | 43,280 | 0.9% | 108,788 | 114,554 | -5.0% |



ETA KAPPA NU
Electrical and Computer Engineering Honor Society

Active IEEE Members that belong to Eta Kappa Nu:

| Geographic IEEE HKN Membership - January 2017 | | | | | | | | | |
|---|----------------------|--------------|-------------|--------------|--------------|--------------|---------------|---------------|--------------|
| Region | Higher Grade w/o GSM | | | Students | | | Total | | |
| | 2017 | 2016 | % change | 2017 | 2016 | % change | 2017 | 2016 | % change |
| 1 | 1,256 | 1,232 | 1.9% | 583 | 504 | 15.7% | 1,839 | 1,736 | 5.9% |
| 2 | 1,186 | 1,177 | 0.8% | 450 | 455 | -1.1% | 1,636 | 1,632 | 0.2% |
| 3 | 1,249 | 1,216 | 2.7% | 566 | 702 | -19.4% | 1,815 | 1,918 | -5.4% |
| 4 | 920 | 920 | 0.0% | 519 | 607 | -14.5% | 1,439 | 1,527 | -5.8% |
| 5 | 1,314 | 1,289 | 1.9% | 557 | 641 | -13.1% | 1,871 | 1,930 | -3.1% |
| 6 | 1,672 | 1,630 | 2.6% | 814 | 819 | -0.6% | 2,486 | 2,449 | 1.5% |
| R 1-6 | 7,597 | 7,464 | 1.8% | 3,489 | 3,728 | -6.4% | 11,086 | 11,192 | -0.9% |
| 7 | 36 | 39 | -7.7% | 7 | 14 | -50.0% | 43 | 53 | -18.9% |
| 8 | 87 | 85 | 2.4% | 36 | 38 | -5.3% | 123 | 123 | 0.0% |
| 9 | 54 | 58 | -6.9% | 53 | 103 | -48.5% | 107 | 161 | -33.5% |
| 10 | 131 | 106 | 23.6% | 91 | 98 | -7.1% | 222 | 204 | 8.8% |
| R 7-10 | 308 | 288 | 6.9% | 187 | 253 | -26.1% | 495 | 541 | -8.5% |
| TOTAL | 7,905 | 7,752 | 2.0% | 3,676 | 3,981 | -7.7% | 11,581 | 11,733 | -1.3% |