



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 Var | iance   | Mar '15                  | Mar '14 | Feb '15                     | Mar '15 vs.<br>Feb '15 |  |  |  |  |
|--------------------------|-----------------|---------|---|--------------------------|---------|-----------------------------|------------------------|--|--|--|--|
| IEEE Membership          |                 | -2,683  | -0.8%   | 330,221                  | 332,904 | 332,904 302,183             |                        |  |  |  |  |
| Honorary                 |                 | 3       | +10.0%  | 33                       | 30      | 33                          | +0.0%                  |  |  |  |  |
| Fellow                   | ~               | 152     | +2.2%   | 7,157                    | 7,005   | 6,996 +2.3%<br>34,349 +4.1% | +2.3%                  |  |  |  |  |
| Senior Member            | ~               | 1,110   | +3.2%   | 35,741                   | 34,631  |                             | +4.1%                  |  |  |  |  |
| Member                   | $\mathbf{\vee}$ | -2,500  | -1.2%   | 199,685                  | 202,185 | 188,602                     | +5.9%<br>+6.4%         |  |  |  |  |
| Associate Member         | ~               | -917    | -13.3%  | 5,979                    | 6,896   | 5,620                       |                        |  |  |  |  |
| Graduate Student         | ~               | -1,778  | -4.9%   | 34,161                   | 35,939  | 28,679                      | +19.1%                 |  |  |  |  |
| Undergraduate Student    | <b>^</b>        | 1,247   | +2.7%   | 47,465                   | 46,218  | 37,904                      | +25.2%                 |  |  |  |  |
| Society Membership       |                 | -3,636  | -1.4%   | 265,334                  | 279,987 | 247,564                     | +7.2%                  |  |  |  |  |
| • 16 Societies up > 1%   | <b>^</b>        | 5,546   | 46 Societies Note: Sum of respective gains and losses, with all counts excludin |                          |         |                             |                        |  |  |  |  |
| • 5 Societies +/- 1%     | $\checkmark$    | -89     |   |                          |         | mberships are d             |                        |  |  |  |  |
| • 17 Societies down > 1% | <b>V</b>        | -11,551 | year by -4,617  | year by -4,617 or -1.6%. |         |                             |                        |  |  |  |  |

| MD               |                  | March - Membership YTD  |                  |                  |  |               |            |        |            |            |  |  |  |  |  |
|------------------|------------------|-------------------------|------------------|------------------|--|---------------|------------|--------|------------|------------|--|--|--|--|--|
| Venue            | <b>'15</b>       | '14                     | <b>'13</b>       | <b>'12</b>       |  |               | <b>'15</b> | '14    | <b>'13</b> | <b>'12</b> |  |  |  |  |  |
| Retention        | 67.0%<br>260,282 | <b>66.5%</b><br>261,470 | 67.4%<br>264,716 | 69.9%<br>268,305 |  | Recruitment   | 56,227     | 56,971 | 61,326     | 58,839     |  |  |  |  |  |
| Higher-<br>Grade | 76.8%<br>230,030 | 76.9%<br>229,378        | 76.2%<br>229,842 | 78.1%<br>231,974 |  | Reinstatement | 12,884     | 12,573 | 11,813     | 10,213     |  |  |  |  |  |
| STU/GSM          | 33.9%<br>30,252  | 33.7%<br>32,092         | 38.3%<br>34,874  | 41.8%<br>36,331  |  | Recovery      | 15,709     | 8,916  | 11,525     | 10,030     |  |  |  |  |  |

|   | New Members | SAMIEEE | Reports | Webcasts | MD Kit Ordering | Presentations |
|---|-------------|---------|---------|----------|-----------------|---------------|
| MD Resources<br>(IEEE Account required) | 8           | Þ       | 1       | P        | - and           |               |

|             | Recruitment Activities  | Retention Activities   |
|-------------|---|--|
| M<br>A<br>Y | <ul> <li>Half-Year Dues Cycle—IEEE accepts ½-year dues for the present year of service. Individuals who join IEEE in May receive 8 months of membership for the price of 6.</li> <li>Order MD Kit for upcoming events / member recruitment opportunities (no cost).</li> </ul>  | Member Recovery – Reach out to those members in<br>arrears. Utilize the pre-defined SAMIEEE query "(MD)<br>Members in Arrears", or on the Section Vitality Dashboard,<br>locate the tab named "Members in Arrears/Inactive". Links to all<br>MD resources can be found at <u>www.ieee.org/md</u> . |
| J<br>U<br>N | <ul> <li>Half-Year Dues Cycle—IEEE accepts ½-year dues for the present year of service. Individuals who join IEEE in June receive 7 months of membership for the price of 6.</li> <li>Order MD Kit for upcoming events / member recruitment opportunities (no cost).</li> </ul> | <i>First Year Members</i> – Member retention begins the day after a new member joins IEEE, and receives a personal greeting from like-minded members and Volunteers. Don't forget to make use of the new member rosters, available to Section and MD officers monthly.                             |



#### March MD Highlights

#### IEEE Membership

The decline in overall membership improved significantly in March, in fact was cut in half from -1.7% to -0.8%. This was the first month since the start of the membership year in August that the membership decline year-over-year (YoY) was less than one percent. It was as high as -1.9% earlier this year. The biggest factor affecting this was improvement in retention in all grades. Following the service deactivation and through the end of the membership year, renewal activity now counts toward growing the overall membership number. This March was also a very high student recruitment month compared to last year, and also had an impact on the overall improvement.

#### **Recruitment**

Overall recruitment improved from -1.7% to -1.3%. The biggest impact was undergraduate recruitment. During the month of March, student recruitment was almost at the level seen in 2013, making it the second best March student recruitment month since 2000. On the other side, higher grade (HG) recruitment was the lowest March result since 2008. The bump in student recruitment was enough to shrink the gap that had been growing the past few months.

See more detail on recruitment, page 8.

Remember, **as of 1 March half year dues are in effect for new members**. The value proposition for a new member joining this month is very compelling – join now and get nine months for the price of six.

#### **Retention**

In March, we recovered 11% of the 140,424 members deactivated. This is the most arrears recovery progress made in March ever, and is almost double what we did last year (the percentage recovered of total deactivated). This positively impacted overall retention, pulling it back ahead of last year by a half a percent. Retention had been in decline the last three months, and rebounded from being down -1.2% to being ahead by +0.5% in March.

All grades and all regions saw an improvement in retention performance – either reducing the gap or increasing the gains.

See more detail on retention, page 6.

Reach out to your members in arrears, to let them know the local value of being an IEEE member. To identify your members who haven't renewed, utilize the pre-defined SAMIEEE query "(MD) Members in Arrears", or on the Section Vitality Dashboard, in the tab named "Members in Arrears/Inactive". Links to all MD resources plus communications templates can be found at <u>www.ieee.org/md</u>.

#### Society Membership

Overall Society memberships ended the month down -1.4% year-over-year, and has been down in this range since the start of the membership year. Society memberships also benefited from the retention gains in IEEE membership, as we saw more societies move to positive growth territory.

Of the 17 Societies in decline, Communications Society accounted for 75% of the losses. This seems to be due to recruitment last year that did not result in positive retention, or sustained recruitment, this year.

The top societies in terms of percentage growth in March were Industry Applications (10.9% growth), Intelligent Transportation Systems (+10.0%) and Engineering in Medicine & Biology (8.2% growth).

Society membership details begin on page 11.



#### 2015 Membership Development Goals



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For the 2015 membership year, MD goals have been created for each individual Section, for both recruitment and retention. The Section goals are rolled up to the Region level, producing the Region goal for recruitment, retention and overall membership.

This will result in Regions and Sections working toward a common goal. Sections can maximize their activity and take ownership at the local level, and see how their efforts are impacting membership growth.

Region goals are now focused on overall membership growth (comprised of an overall recruitment, retention and reinstatement goal), and do not include separate goals for HG versus student. Another benefit is that the service deactivation process will not impact progress to goals, because it focuses on the number of members that join or renew, and not on the total number of members.

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. Region summary performance is on the next page.



Outstanding Section Membership Recruitment and Retention Performance

A special recognition goes to the <u>Bahrain Section for being the</u> <u>first Section in Region 8</u> to exceed their goal for both recruitment and retention.

<u>Three Sections in Region 9</u> have also surpassed their goals for both recruitment and retention for the membership year!

- Aguascalientes Section
- Bolivia Section
- Monterrey Section

### **Tracking Progress and Section Recognition of Goal Achievement**

Every month, the regional MD reports contain the Section level progress for recruitment and retention. To monitor progress and ensure Sections are on track, the goals and progress to goal will be published in the region reports.

Each Section that meets their goal will receive 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! The banners will be distributed to the Section's Membership Development Chair, or if no one in this position, to the Section Chair.

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

Sections may earn a banner for one or both categories, and will include the membership year and Section name in the graphic. The gold medal of recognition will be given if both goals are met. The silver award will be given in either the recruitment or retention category.



Increased Section Membership Retention



**Increased Section Membership Recruitment** 



### **Region Membership Goals and Progress**

Region goals for recruitment and retention are rolled up from the Section goals. Goals for reinstatement are assigned on the Region level only. Below is a summary by Region showing the goal and progress to goal, as of the current month. <u>At seven months into the membership year, the percent to goal should be tracking at 58% or more.</u>

|             | 2015        | 2015        |          |           |
|-------------|-------------|-------------|----------|-----------|
|             | Recruitment | Recruitment | 2015 YTD |           |
| Recruitment | Goal        | Growth      | March    | % to Goal |
| R1          | 3,866       | 7.4%        | 2,337    | 60.5%     |
| R2          | 3,494       | 8.2%        | 1,914    | 54.8%     |
| R3          | 4,823       | 9.2%        | 2,942    | 61.0%     |
| R4          | 3,445       | 6.7%        | 2,000    | 58.1%     |
| R5          | 4,086       | 8.0%        | 2,558    | 62.6%     |
| R6          | 6,711       | 7.4%        | 3,981    | 59.3%     |
| R7          | 3,431       | 12.4%       | 1,796    | 52.4%     |
| R8          | 17,675      | 3.3%        | 10,368   | 58.7%     |
| R9          | 7,330       | 10.8%       | 3,507    | 47.8%     |
| R10         | 44,623      | 8.8%        | 24,824   | 55.6%     |
| Total       | 99,481      | 7.8%        | 56,227   | 56.5%     |

Six regions are tracking ahead of goal. 19 Sections have met or exceeded their goal.

Region 1 has the highest progress to goal; Region 9 the lowest.

See the Sections in each Region that are on target, next page.

Find Section-level goals and progress online at <u>www.ieee.org/md</u>

|           | 2015 %    | 2015 % 2015 |          |           |
|-----------|-----------|-------------|----------|-----------|
|           | Retention | Retention   | 2015 YTD |           |
| Retention | Goal      | Growth      | March    | % to Goal |
| R1        | 83.9%     | 1.3%        | 79.5%    | 94.7%     |
| R2        | 84.1%     | 1.2%        | 78.9%    | 93.9%     |
| R3        | 80.2%     | 1.2%        | 74.6%    | 93.0%     |
| R4        | 82.1%     | 1.5%        | 75.3%    | 91.7%     |
| R5        | 80.7%     | 1.2%        | 76.0%    | 94.2%     |
| R6        | 82.6%     | 1.6%        | 77.6%    | 93.9%     |
| R7        | 78.0%     | 1.6%        | 72.0%    | 92.4%     |
| R8        | 73.3%     | 2.2%        | 66.1%    | 90.1%     |
| R9        | 56.6%     | 3.9%        | 48.2%    | 85.2%     |
| R10       | 54.6%     | 2.1%        | 50.5%    | 92.5%     |
| Total     | 72.5%     | 1.8%        | 67.0%    | 92.5%     |

Since most retention activity occurs in the first half of the membership year, high percentages to goal are expected. This should not be viewed as a sign that retention is tracking far ahead. This is starting to level off as we get closer to the end of the membership year. The biggest challenge for retention comes in the months immediately following the service deactivation.

The goals for retention growth are reflective of the last three years, and are rather aggressive – once again, we need <u>local efforts during the arrears recovery period</u> to sustain this.

|               | 2015          | 2015          |          |           |
|---------------|---------------|---------------|----------|-----------|
|               | Reinstatement | Reinstatement | 2015 YTD |           |
| Reinstatement | Goal          | Growth        | March    | % to Goal |
| R1            | 1,250         | 4.1%          | 883      | 70.6%     |
| R2            | 1,230         | 3.5%          | 796      | 64.7%     |
| R3            | 1,300         | 3.3%          | 870      | 66.9%     |
| R4            | 1,000         | 8.6%          | 567      | 56.7%     |
| R5            | 1,300         | 8.4%          | 927      | 71.3%     |
| R6            | 2,350         | 2.8%          | 1,712    | 72.9%     |
| R7            | 750           | 3.6%          | 449      | 59.9%     |
| R8            | 3,700         | 3.1%          | 2,482    | 67.1%     |
| R9            | 1,050         | 5.0%          | 686      | 65.3%     |
| R10           | 4,350         | 3.7%          | 3,512    | 80.7%     |
| Total         | 18,280        | 4.1%          | 12,884   | 70.5%     |

All but one region is tracking at or ahead of goal. Not surprisingly it is the region with the largest percentage growth goal – Region 4. Based on their three-year performance, the goal is to sustain that growth.

Former members are a ripe pool of candidates to outreach to – and that pool just got bigger following deactivation. Do a special outreach to inactive members, perhaps inviting them to an upcoming event.

## Section Membership Goals and Progress - Recruitment

<u>Congratulations to the 19 Sections</u> who have met or surpassed their recruitment goals for the year already:



| Region | Section                        | YoY<br>Recruitment<br>Growth | % to Goal |
|--------|--------------------------------|------------------------------|-----------|
| R3     | Central Savannah River Section | 90%                          | 100%      |
|        | Columbia Section               | 142%                         | 145%      |
|        | Evansville-Owensboro Section   | 100%                         | 113%      |
| R5     | South Plains Section           | 90%                          | 100%      |
| R6     | Fort Huachaca Section          | 114%                         | 155%      |
| R7     | London Section                 | 79%                          | 105%      |
| R8     | Bahrain Section                | 183%                         | 100%      |
|        | Bosnia and Herzegovina Section | 62%                          | 107%      |
|        | Estonia Section                | 108%                         | 150%      |
|        | Iceland Section                | 94%                          | 110%      |
|        | Lebanon Section                | 27%                          | 108%      |
|        | Malta Section                  | 183%                         | 113%      |
|        | Western Saudi Arabia           | 65%                          | 122%      |
| R9     | Aguascalientes Section         | 1100%                        | 400%      |
|        | Bolivia Section                | 114%                         | 124%      |
|        | Guadalajara Section            | 105%                         | 104%      |
|        | Monterrey Section              | 105%                         | 122%      |
| R10    | Chengdu Section                | 85%                          | 102%      |
|        | New Zealand North Section      | 167%                         | 120%      |

To the right is a summary of the number of Sections by Region that are on track to meet their recruitment goal for the year – meaning they are at 58% or more of their goal after seven months of the membership year.

Almost half of all Sections are on track. Region 5 and Region 3 lead in terms of the percentage of Sections on target.

Region 10 has the lowest percentage, but they also had the largest number of Section recruitment declines in 2014, and those declines were in the double digits.

Region 9 had a similar pattern in 2014, though they had more Sections with a two or three-year decline. Considering this, they are showing great improvement.

| Region | # of<br>Sections<br>on Target | % of<br>Sections |
|--------|-------------------------------|------------------|
| 1      | 13                            | 59.1%            |
| 2      | 9                             | 45.0%            |
| 3      | 26                            | 63.4%            |
| 4      | 11                            | 47.8%            |
| 5      | 17                            | 65.4%            |
| 6      | 20                            | 57.1%            |
| 7      | 9                             | 45.0%            |
| 8      | 24                            | 41.4%            |
| 9      | 13                            | 37.1%            |
| 10     | 20                            | 33.9%            |
| Total  | 162                           | 47.8%            |





<u>Congratulations to the 33 Sections</u> who have met or surpassed their retention goals for the year already:

| Region | Section                       | % to Goal |
|--------|-------------------------------|-----------|
| R1     | Green Mountain Section        | 100.0%    |
|        |                               |           |
| R3     | Jamaica Section               | 108.6%    |
|        | Gainesville Section           | 101.2%    |
|        | Hampton Roads Section         | 100.5%    |
|        |                               |           |
| R4     | Iowa-Illinois Section         | 102.4%    |
|        | Rock River Valley Section     | 100.9%    |
|        | Fort Wayne Section            | 100.3%    |
|        |                               |           |
| R5     | Arkansas River Valley Section | 116.7%    |
|        | Lafayette Section             | 107.1%    |
|        |                               |           |
| R6     | Foothill Section              | 100.6%    |
|        |                               |           |
| R7     | Peterborough Section          | 115.6%    |
|        | Canadian Atlantic Section     | 106.2%    |
|        | Southern Alberta Section      | 104.9%    |
|        | Toronto Section               | 104.7%    |
|        | South Saskatchewan Section    | 101.1%    |
|        |                               |           |
| R8     | Bahrain Section               | 123.0%    |
|        | Tunisia Section               | 109.2%    |
|        | Ukraine Section               | 108.4%    |
|        | United Kingdom and Ireland    | 107.1%    |
|        | Section                       | 107.170   |
|        | Lithuanian Section            | 102.6%    |
|        |                               |           |
| R9     | Aguascalientes Section        | 256.4%    |
|        | Paraguay Section              | 128.4%    |
|        | Honduras Section              | 116.2%    |
|        | Monterrey Section             | 106.8%    |
|        | Bolivia Section               | 100.7%    |
|        |                               |           |
| R10    | Kharagpur Section             | 123.8%    |
|        | Bombay Section                | 120.8%    |
|        | Islamabad Section             | 114.2%    |
|        | New Zealand South Section     | 107.8%    |
|        | Shanghai Section              | 106.5%    |
|        | Tainan Section                | 103.3%    |
|        | New Zealand Central Section   | 101.3%    |
|        | Thailand Section              | 100.6%    |



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- Bolivia Section
- Monterrey Section

All Sections are tracking at 58% or more of their retention goals, but since most retention activity occurs in the first half of the membership year, high percentages to goal are expected.

This should not be viewed as a sign that retention is tracking far ahead. This is starting to level off as we get closer to the end of the membership year. The biggest challenge for retention comes in the months immediately following the service deactivation.

The goals for retention growth are reflective of the last three years, and are rather aggressive – once again, we need local efforts during the arrears recovery period to sustain this.



#### Membership Retention Update

In March, we recovered 11% of the 140,424 members deactivated. This is the most arrears recovery progress made in March ever, and is almost double what we did last year (the percentage recovered of total deactivated). This positively impacted overall retention, pulling it back ahead of last year by a half a percent. Retention had been in decline the last three months, and rebounded from being down -1.2% in February to being ahead by +0.5% in March.

We normally see retention rebound in the months following the service deactivation, and based on historical data, we see about one third of the total expected arrears recovery activity in the month of March. If that holds true, then we might see some nice retention gains by the end of the membership year. At the risk of being overly optimistic, we will have to see if this trend continues, or if more members just waited longer to renew.

All grades and all regions saw an improvement in retention performance – either reducing the gap or increasing the gains. Four regions are now positive year-over-year. Regions 9 and 10 saw the largest rebounds this month.

It also appears that GoogleApps users, in all grades, also impacted the retention results in March. Above we noted that 11% of members in arrears were recovered. This percentage was 23% for GoogleApps users – more than double the average. This appears to be a very sticky benefit.

Looking at retention by grade category, higher grade retention is behind by just one tenth of a percent after falling behind by -1.3% last month. The GSM retention gap shrank to -1.9% from -5.8%. This was the biggest driver this month in terms of improving the overall retention. Student retention also contributed significantly, once again turning positive +0.9% after falling behind for the first time in February by -0.5%.

Overall first-year member retention followed the same trend, with GSM and STU gains driving a year-over-year improvement by a tenth of a percent. First-year higher grade membership is now behind by -0.7% following -1.9% last month. It is critical to have a program in place in your Section to welcome and engage new members. Need help or ideas? Contact Elyn Perez, elyn.perez@ieee.org.



Continue to outreach to your Section's members who are in arrears. See the next page for more ideas.

|        | IEEE Membership Renewal / Retention - March 2015 |            |            |        |             |          |          |        |             |          |                |                |             |         |        |        |
|--------|--|------------|------------|--------|-------------|----------|----------|--------|-------------|----------|----------------|----------------|-------------|---------|--------|--------|
|        | ŀ  | IIGHER GRA | DE w/o GSN | Λ      |             | GRADUATE | STUDENTS |        | UNI         | DERGRADU | ATE STUDE      | NTS            |             | TOTAL M | EMBERS |        |
| REGION | 0  |            | Renewal    |        | 0           |          | Renewal  |        | 0           |          | Renewal        |                | 0           | Renewal |        |        |
| 1.5-   | Opportunity                                      | #          | %, '15     | %, '14 | Opportunity | #        | %, '15   | %, '14 | Opportunity | #        | %, '15         | %, '14         | Opportunity | #       | %, '15 | %, '14 |
| 1      | 28,203   | 23,694     | 84.0%      | 83.1%  | 1,744       | 914      | 52.4%    | 54.1%  | 1,647       | 500      | 30.4%          | 31.6%          | 31,594      | 25,108  | 79.5%  | 78.8%  |
| 2      | 24,919   | 20,682     | 83.0%      | 83.4%  | 1,611       | 834      | 51.8%    | 53.9%  | 1,399       | 528      | 37.7%          | 37.5%          | 27,929      | 22,044  | 78.9%  | 79.2%  |
| 3      | 23,544   | 18,869     | 80.1%      | 80.3%  | 2,042       | 1,168    | 57.2%    | 58.4%  | 2,354       | 813      | 34.5%          | 37.6%          | 27,940      | 20,850  | 74.6%  | 75.1%  |
| 4      | 17,895   | 14,393     | 80.4%      | 81.8%  | 1,734       | 978      | 56.4%    | 56.8%  | 1,356       | 430      | 31.7%          | 36.1%          | 20,985      | 15,801  | 75.3%  | 76.4%  |
| 5      | 22,866   | 18,524     | 81.0%      | 80.9%  | 1,687       | 947      | 56.1%    | 56.3%  | 1,862       | 605      | 32.5%          | 34.5%          | 26,415      | 20,076  | 76.0%  | 75.8%  |
| 6      | 46,050   | 37,671     | 81.8%      | 81.6%  | 2,514       | 1,383    | 55.0%    | 51.8%  | 3,145       | 1,064    | 33.8%          | 35.3%          | 51,709      | 40,118  | 77.6%  | 77.1%  |
| R 1-6  | 163,477  | 133,833    | 81.9%      | 81.9%  | 11,332      | 6,224    | 54.9%    | 55.0%  | 11,763      | 3,940    | 33.5%          | 35.5%          | 186,572     | 143,997 | 77.2%  | 77.1%  |
| 7      | 13,276   | 10,274     | 77.4%      | 77.5%  | 1,826       | 1,067    | 58.4%    | 61.9%  | 1,320       | 490      | 37.1%          | 36.8%          | 16,422      | 11,831  | 72.0%  | 72.0%  |
| 8      | 53,912   | 39,274     | 72.8%      | 73.3%  | 9,895       | 5,752    | 58.1%    | 59.6%  | 7,656       | 2,183    | 28.5%          | 29.7%          | 71,463      | 47,209  | 66.1%  | 66.5%  |
| 9      | 9,966  | 6,095      | 61.2%      | 61.2%  | 1,250       | 705      | 56.4%    | 56.8%  | 5,169       | 1,100    | 21.3%          | 20.6%          | 16,385      | 7,900   | 48.2%  | 47.8%  |
| 10     | 58,712   | 40,554     | 69.1%      | 68.4%  | 13,298      | 4,829    | 36.3%    | 38.5%  | 25,661      | 3,962    | 15.4%          | 13.3%          | 97,671      | 49,345  | 50.5%  | 48.2%  |
| R 7-10 | 135,866  | 96,197     | 70.8%      | 70.7%  | 26,269      | 12,353   | 47.0%    | 49.6%  | 39,806      | 7,735    | 1 <b>9.4</b> % | 1 <b>7.9</b> % | 201,941     | 116,285 | 57.6%  | 56.5%  |
| TOTAL  | 299,343  | 230,030    | 76.8%      | 76.9%  | 37,601      | 18,577   | 49.4%    | 51.3%  | 51,569      | 11,675   | 22.6%          | 21.7%          | 388,513     | 260,282 | 67.0%  | 66.5%  |

|        |             |            |            | •      | First-      | Year Me  | mber Rei | newal/R | Retention   | - March  | 2015       |        |             |         |         |        |
|--------|-------------|------------|------------|--------|-------------|----------|----------|---------|-------------|----------|------------|--------|-------------|---------|---------|--------|
|        | -           | IIGHER GRA | DE w/o GSN | N      |             | GRADUATE | STUDENTS |         | UNI         | DERGRADU | ATE STUDEN | NTS    |             | TOTAL N | IEMBERS |        |
| REGION | Onnortunity |            | Renewal    |        | Opportunity |          | Renewal  |         | Opportunity |          | Renewal    |        | Opportunity |         | Renewal |        |
| Ċ      | Opportunity | #          | %, '15     | %, '14 | Opportunity | #        | %, '15   | %, '14  | Opportunity | #        | %, '15     | %, '14 | Opportunity | #       | %, '15  | %, '14 |
| 1      | 1,725       | 609        | 35.3%      | 33.5%  | 648         | 219      | 33.8%    | 36.2%   | 1,236       | 311      | 25.2%      | 24.9%  | 3,609       | 1,139   | 31.6%   | 31.3%  |
| 2      | 1,599       | 553        | 34.6%      | 34.6%  | 622         | 202      | 32.5%    | 37.4%   | 981         | 308      | 31.4%      | 30.3%  | 3,202       | 1,063   | 33.2%   | 33.8%  |
| 3      | 1,899       | 561        | 29.5%      | 31.3%  | 757         | 322      | 42.5%    | 40.8%   | 1,744       | 488      | 28.0%      | 32.4%  | 4,400       | 1,371   | 31.2%   | 33.5%  |
| 4      | 1,553       | 510        | 32.8%      | 38.0%  | 730         | 282      | 38.6%    | 41.0%   | 960         | 234      | 24.4%      | 27.3%  | 3,243       | 1,026   | 31.6%   | 35.0%  |
| 5      | 1,786       | 659        | 36.9%      | 33.2%  | 708         | 270      | 38.1%    | 39.4%   | 1,289       | 317      | 24.6%      | 29.4%  | 3,783       | 1,246   | 32.9%   | 32.7%  |
| 6      | 2,960       | 1,092      | 36.9%      | 35.9%  | 956         | 369      | 38.6%    | 33.4%   | 2,278       | 632      | 27.7%      | 29.4%  | 6,194       | 2,093   | 33.8%   | 33.1%  |
| R 1-6  | 11,522      | 3,984      | 34.6%      | 34.4%  | 4,421       | 1,664    | 37.6%    | 37.8%   | 8,488       | 2,290    | 27.0%      | 29.2%  | 24,431      | 7,938   | 32.5%   | 33.2%  |
| 7      | 1,481       | 521        | 35.2%      | 37.0%  | 663         | 258      | 38.9%    | 43.8%   | 903         | 242      | 26.8%      | 25.8%  | 3,047       | 1,021   | 33.5%   | 34.9%  |
| 8      | 7,097       | 2,214      | 31.2%      | 32.7%  | 4,255       | 1,732    | 40.7%    | 44.7%   | 5,629       | 1,129    | 20.1%      | 21.8%  | 16,981      | 5,075   | 29.9%   | 31.9%  |
| 9      | 2,091       | 471        | 22.5%      | 23.9%  | 490         | 160      | 32.7%    | 41.6%   | 4,009       | 577      | 14.4%      | 13.6%  | 6,590       | 1,208   | 18.3%   | 18.8%  |
| 10     | 10,503      | 2,995      | 28.5%      | 29.6%  | 8,577       | 2,016    | 23.5%    | 25.8%   | 21,774      | 2,775    | 12.7%      | 10.3%  | 40,854      | 7,786   | 19.1%   | 17.9%  |
| R 7-10 | 21,172      | 6,201      | 29.3%      | 30.6%  | 13,985      | 4,166    | 29.8%    | 33.4%   | 32,315      | 4,723    | 14.6%      | 13.0%  | 67,472      | 15,090  | 22.4%   | 22.2%  |
| TOTAL  | 32,694      | 10,185     | 31.2%      | 31.9%  | 18,406      | 5,830    | 31.7%    | 34.5%   | 40,803      | 7,013    | 17.2%      | 16.1%  | 91,903      | 23,028  | 25.1%   | 25.0%  |



#### **MD Volunteer Tools for Arrears Recovery**

MD Volunteers have access to SAMIEEE and the Section Vitality Dashboard, which provide 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 easily pull the names and contact information of members in arrears.

#### MD folder:

(MD) "Members in Arrears"

(MD) "First Year Members Not Renewed"

These lists are also available in the Section Vitality Dashboard, under the tab "Members in Arrears/Inactive".

#### **MGA Staff-Initiated Campaigns**

#### <u>'Last Issue' Cover Wrap</u>

As is customary with many magazines, a cover wrapper informs readers their last issue has

arrived, pending renewal. 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

Spanning March through June, the MD staff issues invitations 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.

#### Print Mailing Campaign

While e-mail campaigns are the mainstay of the MD Staff's arrears recovery effort, two separate print campaigns will augment the effort. An arrears invoice will mail in early April.

#### 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 2014, 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 2014, including:

Section / Chapter activity >

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

During a recent review of the membership roster, 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 2015 - 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 these tough economic times is greatly appreciated. If you have become unemployed, IEEE will help by discounting your annual membership dues 50%.

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#### **Recruitment Update**

During the month of March, student recruitment was almost at the level seen in 2013, making it the second best March student recruitment month since 2000. On the other side, HG recruitment was the lowest March result since 2008. The bump in student recruitment was enough to shrink the gap that had been growing the past few months. Overall recruitment improved from -1.7% to -1.3% in March. Here is how each of the three categories impacted the overall result, along with a same period last year comparison:

- **Undergraduate recruitment** had the biggest impact this month, improving its YoY gain by nine tenths of a percent to +4.4%. Five of the ten regions are positive.
  - Last year at this time: undergraduate recruitment was down -8.3%. Only one region was positive.
- **Graduate student recruitment** turned around somewhat following three months of a growing deficit. It is now behind by -4.4%, improving a tenth of a percent. This was driven by improvements in Regions 1-6, which offset a widening gap in Regions 7-10.
  - Last year at this time: graduate student recruitment was down -6.5%.
- The gap in overall Higher Grade recruitment continued to widen another two tenths to -13.0%. In Regions 1-6 the gap widened significantly last month, but saw improvement from -9.3% to -8.2%. Regions 7 and 10 also widened their gap in March, while Regions 8 and 9 saw some improvement.
  - o Last year at this time: higher grade recruitment was down just -4.5%, with four regions positive.

Sections are encouraged to promote the half year dues discount on their websites, newsletters and at events. As well, emphasis on the Member-Get-a-Member referral awards to existing members, especially within the student branches in your Section. Need help or ideas? E-mail elyn.perez@ieee.org.

|        |        |            |            |        | Cumula | tive Rec | ruitment | - Septen | ber thro | ugh Mar  | ch 2015   |        |        |         |         |       |
|--------|--------|------------|------------|--------|--------|----------|----------|----------|----------|----------|-----------|--------|--------|---------|---------|-------|
| REGION | н      | IIGHER GRA | DE w/o GSM | s      |        | GRADUATE | STUDENTS |          | UN       | DERGRADU | ATE STUDE | NTS    |        | TOTAL M | IEMBERS |       |
| REGION | 2015   | 2014       | Cha        | inge   | 2015   | 2014     | Cha      | inge     | 2015     | 2014     | Cha       | inge   | 2015   | 2014    | Cha     | ange  |
|        |        |            | #          | %      |        |          | #        | %        |          |          | #         | %      |        |         | #       | %     |
| 1      | 599    | 651        | (52)       | -8.0%  | 479    | 486      | (7)      | -1.4%    | 1,259    | 1,262    | (3)       | -0.2%  | 2,337  | 2,399   | (62)    | -2.6% |
| 2      | 538    | 563        | (25)       | -4.4%  | 508    | 453      | 55       | 12.1%    | 868      | 1,101    | (233)     | -21.2% | 1,914  | 2,117   | (203)   | -9.6% |
| 3      | 535    | 583        | (48)       | -8.2%  | 594    | 577      | 17       | 2.9%     | 1,813    | 1,968    | (155)     | -7.9%  | 2,942  | 3,128   | (186)   | -5.9% |
| 4      | 380    | 523        | (143)      | -27.3% | 504    | 529      | (25)     | -4.7%    | 1,116    | 1,101    | 15        | 1.4%   | 2,000  | 2,153   | (153)   | -7.1% |
| 5      | 624    | 689        | (65)       | -9.4%  | 510    | 514      | (4)      | -0.8%    | 1,424    | 1,278    | 146       | 11.4%  | 2,558  | 2,481   | 77      | 3.1%  |
| 6      | 1,211  | 1,225      | (14)       | -1.1%  | 733    | 757      | (24)     | -3.2%    | 2,037    | 2,224    | (187)     | -8.4%  | 3,981  | 4,206   | (225)   | -5.3% |
| R 1-6  | 3,887  | 4,234      | (347)      | -8.2%  | 3,328  | 3,316    | 12       | 0.4%     | 8,517    | 8,934    | (417)     | -4.7%  | 15,732 | 16,484  | (752)   | -4.6% |
| 7      | 485    | 562        | (77)       | -13.7% | 479    | 458      | 21       | 4.6%     | 832      | 881      | (49)      | -5.6%  | 1,796  | 1,901   | (105)   | -5.5% |
| 8      | 2,081  | 2,687      | (606)      | -22.6% | 3,105  | 3,312    | (207)    | -6.3%    | 5,182    | 4,907    | 275       | 5.6%   | 10,368 | 10,906  | (538)   | -4.9% |
| 9      | 577    | 701        | (124)      | -17.7% | 348    | 300      | 48       | 16.0%    | 2,582    | 2,521    | 61        | 2.4%   | 3,507  | 3,522   | (15)    | -0.4% |
| 10     | 3,357  | 3,754      | (397)      | -10.6% | 5,384  | 5,837    | (453)    | -7.8%    | 16,083   | 14,567   | 1,516     | 10.4%  | 24,824 | 24,158  | 666     | 2.8%  |
| R 7-10 | 6,500  | 7,704      | (1,204)    | -15.6% | 9,316  | 9,907    | (591)    | -6.0%    | 24,679   | 22,876   | 1,803     | 7.9%   | 40,495 | 40,487  | 8       | 0.0%  |
| TOTAL  | 10,387 | 11,938     | (1,551)    | -13.0% | 12,644 | 13,223   | (579)    | -4.4%    | 33,196   | 31,810   | 1,386     | 4.4%   | 56,227 | 56,971  | (744)   | -1.3% |

#### **IEEE-USA Recruitment Incentive 2015**



In an effort to increase US higher-grade membership, IEEE-USA and MGA have partnered to pilot a campaign building 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, solar charger, tablet case, umbrella and more.

MGA HQ will promote the program in the monthly Benefits Bulletin, and <u>Sections and Regions should promote the</u> <u>program on their own website</u>. For more information on how to do this, contact <u>elyn.perez@ieee.org</u>.

| Program Results       | 2015 MY<br>To Date | 2014 MY<br>Total | Program To<br>Date |
|-----------------------|--------------------|------------------|--------------------|
| Referrals Submitted   | 703                | 1,240            | 1,943              |
| Referrals Joined      | 130                | 397              | 527                |
| % of Referrals Joined | 18.5%              | 32.0%            | 27.1%              |
| # New US HG Members   | 95                 | 295              | 390                |



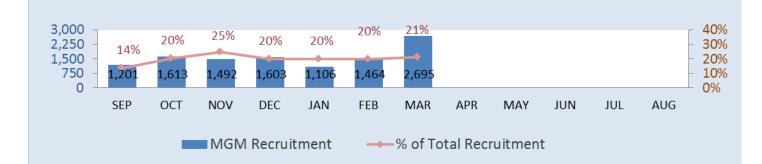


#### Recruiters of the Month - Member-Get-a-Member (MGM) Program

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; accordingly, program results often ebb and flow with the academic school year.

| Jibin Sabu                | R10, Kerala Section                   | 152 new members | Febrian Hadiatna           | R10, Indonesia Section     | 15 new members |
|---------------------------|---------------------------------------|-----------------|----------------------------|----------------------------|----------------|
| Sadashiv Nirani           | R10, Bangalore Section                | 60 new members  | Jesus Andres Cruz Sanabria | R9, Colombia Section       | 14 new members |
| Deepak Mohan              | R10, Kerala Section                   | 47 new members  | Wissam Khalil              | R8, Lebanon Section        | 14 new members |
| Hosain Al-Musanna         | R10, Bangladesh Section               | 40 new members  | Ali Abed El Karim          | R8, Lebanon Section        | 14 new members |
| Harshit Kyal              | R10, Bombay Section                   | 38 new members  | Sidharth Nair              | R10, Kerala Section        | 14 new members |
| Almedin Kavaz             | R8, Bosnia And Herzegovina<br>Section | 36 new members  | N. Haridevan Nair          | R10, Kerala Section        | 14 new members |
| Uthyakumar G              | R10, Madras Section                   | 35 new members  | Nakul PC                   | R10, Kerala Section        | 14 new members |
| Vinay Kumar Chenna        | R10, Hyderabad Section                | 33 new members  | Arun P Vasudev             | R10, Kerala Section        | 14 new members |
| Arjun Prasad              | R10, Kerala Section                   | 33 new members  | Jibin K Y                  | R10, Kerala Section        | 14 new members |
| Jismal Jamal              | R10, Kerala Section                   | 31 new members  | Anandu Mohan               | R10, Kerala Section        | 14 new members |
| Ashwin Sharavu            | R10, Bangalore Section                | 27 new members  | Sreehari K                 | R10, Kerala Section        | 14 new members |
| Husam Momenah             | R8, Jordan Section                    | 26 new members  | Ravishanker K              | R10, Kerala Section        | 14 new members |
| Jubayer Rahman            | R10, Bangladesh Section               | 25 new members  | Ginu Thomas                | R10, Kerala Section        | 14 new members |
| Konrad Markowski          | R8, Poland Section                    | 24 new members  | Mfurkanuyar Uyar           | R8, Turkey Section         | 14 new members |
| Jamal Mohamed H           | R10, Madras Section                   | 23 new members  | Subhesh Ravikumar          | R10, Madras Section        | 13 new members |
| Dheeraj Goyal             | R10, Delhi Section                    | 22 new members  | Rahul Krishna              | R10, Kerala Section        | 13 new members |
| Muhannad Al-Shareef       | R8, Israel Section                    | 20 new members  | Manoj Avirineni            | R10, Hyderabad Section     | 13 new members |
| Irene Mary Abraham        | R10, Kerala Section                   | 19 new members  | Eduardo Contreras          | R9, Aguascalientes Section | 13 new members |
| Amar Saraswat             | R10, Delhi Section                    | 19 new members  | Anvesh Kamishetti          | R10, Hyderabad Section     | 12 new members |
| Sarath Chandra            | R10, Hyderabad Section                | 18 new members  | Mina Sidarous              | R8, Egypt Section          | 12 new members |
| Julian Alvarado           | R9, Aguascalientes Section            | 18 new members  | Vaisakh Unnikrishnan       | R10, Kerala Section        | 12 new members |
| Oswaldo Echeverria Suarez | R9, Ecuador Section                   | 18 new members  | Reshma K                   | R10, Kerala Section        | 12 new members |
| Mohan N                   | R10, Bangalore Section                | 16 new members  | Geethu S.S                 | R10, Kerala Section        | 12 new members |
| Lama Saouma               | R8, Lebanon Section                   | 16 new members  | Lizeth Roldan              | R9, Colombia Section       | 11 new members |
| Mehedi Hasan              | R10, Bangladesh Section               | 16 new members  | Prabhanshu Attri           | R10, Delhi Section         | 11 new members |
| Sathya Pramod             | R10, Bangalore Section                | 16 new members  | Anjana B                   | R10, Kerala Section        | 11 new members |
| Sunitha Beevi.K           | R10, Kerala Section                   | 15 new members  | Made Dita Rahayu Putri     | R10, Indonesia Section     | 11 new members |
| Galia Gurunian            | R8, Lebanon Section                   | 15 new members  | Vishnu Menon               | R10, Kerala Section        | 10 new members |
| Hamza Saeed               | R10, Islamabad Section                | 15 new members  | Matea Tisaj                | R8, Croatia Section        | 10 new members |
| Zahid Hussain             | R10, Karachi Section                  | 15 new members  | Diana Briceno Rodriguez    | R9, Colombia Section       | 10 new members |
| Ajin T Pullan             | R10, Kerala Section                   | 15 new members  | Nithin Kamal               | R10, Kerala Section        | 10 new members |
| Abby P Joby               | R10, Kerala Section                   | 15 new members  |                            |                            |                |



2015 membership year total: 11,174 new members Same period last year: 12,783



| Membership by Region | Mar '15 | • e-Members are included in the higher-grade counts of Regions 3, 8, 9, and 10.<br><i>Green</i> shading = year-over-year growth >1.0%; <i>Yellow</i> shading = +/- 0.99%; <i>Red</i> shading > (1.0%) |
|----------------------|---------|---|
|----------------------|---------|---|

|        |                      |         |         | Ge    | ograph | nic IEEE | E Memb   | ership | Summa  | iry - Ma | rch 201   | 5      |         |         |         |       |
|--------|----------------------|---------|---------|-------|--------|----------|----------|--------|--------|----------|-----------|--------|---------|---------|---------|-------|
| PECION | Higher-Grade w/o GSM |         |         |       |        | Graduate | Students |        | Un     | dergradu | ate Stude | nts    |         | TOTAL N | IEMBERS |       |
| REGION | 2015                 | 2014    | Cha     | nge   | 2015   | 2014     | Cha      | nge    | 2015   | 2014     | Cha       | inge   | 2015    | 2014    | Cha     | inge  |
|        |                      |         | #       | %     |        |          | #        | %      |        |          | #         | %      |         |         | #       | %     |
| 1      | 24,809               | 25,418  | (609)   | -2.4% | 1,581  | 1,723    | (142)    | -8.2%  | 1,864  | 1,897    | (33)      | -1.7%  | 28,254  | 29,038  | (784)   | -2.7% |
| 2      | 21,642               | 22,233  | (591)   | -2.7% | 1,544  | 1,643    | (99)     | -6.0%  | 1,517  | 1,758    | (241)     | -13.7% | 24,703  | 25,634  | (931)   | -3.6% |
| 3      | 20,054               | 20,236  | (182)   | -0.9% | 1,946  | 2,123    | (177)    | -8.3%  | 2,810  | 3,048    | (238)     | -7.8%  | 24,810  | 25,407  | (597)   | -2.3% |
| 4      | 15,020               | 15,392  | (372)   | -2.4% | 1,624  | 1,715    | (91)     | -5.3%  | 1,647  | 1,795    | (148)     | -8.2%  | 18,291  | 18,902  | (611)   | -3.2% |
| 5      | 19,843               | 20,026  | (183)   | -0.9% | 1,648  | 1,670    | (22)     | -1.3%  | 2,215  | 2,234    | (19)      | -0.9%  | 23,706  | 23,930  | (224)   | -0.9% |
| 6      | 40,439               | 40,868  | (429)   | -1.0% | 2,458  | 2,625    | (167)    | -6.4%  | 3,372  | 3,590    | (218)     | -6.1%  | 46,269  | 47,083  | (814)   | -1.7% |
| R 1-6  | 141,807              | 144,173 | (2,366) | -1.6% | 10,801 | 11,499   | (698)    | -6.1%  | 13,425 | 14,322   | (897)     | -6.3%  | 166,033 | 169,994 | (3,961) | -2.3% |
| 7      | 10,988               | 11,068  | (80)    | -0.7% | 1,734  | 1,890    | (156)    | -8.3%  | 1,377  | 1,489    | (112)     | -7.5%  | 14,099  | 14,447  | (348)   | -2.4% |
| 8      | 42,886               | 43,336  | (450)   | -1.0% | 9,493  | 10,131   | (638)    | -6.3%  | 7,712  | 7,602    | 110       | 1.4%   | 60,091  | 61,069  | (978)   | -1.6% |
| 9      | 7,033                | 7,163   | (130)   | -1.8% | 1,132  | 1,155    | (23)     | -2.0%  | 3,981  | 3,820    | 161       | 4.2%   | 12,146  | 12,138  | 8       | 0.1%  |
| 10     | 45,881               | 45,007  | 874     | 1.9%  | 11,001 | 11,264   | (263)    | -2.3%  | 20,970 | 18,985   | 1,985     | 10.5%  | 77,852  | 75,256  | 2,596   | 3.4%  |
| R 7-10 | 106,788              | 106,574 | 214     | 0.2%  | 23,360 | 24,440   | (1,080)  | -4.4%  | 34,040 | 31,896   | 2,144     | 6.7%   | 164,188 | 162,910 | 1,278   | 0.8%  |
| TOTAL  | 248,595              | 250,747 | (2,152) | -0.9% | 34,161 | 35,939   | (1,778)  | -4.9%  | 47,465 | 46,218   | 1,247     | 2.7%   | 330,221 | 332,904 | (2,683) | -0.8% |

- Overall membership decline improved from -1.7% last month to just -0.8% in March
  - o Last March was at -1.5%
  - o All grade categories and regions improved following several months of widening gaps
- Higher-grade membership decline improved from -1.3% to -0.9%
  - Last year was +0.3%
- Graduate student membership decline improved significantly from -8.0% to -4.9%
  - o Last year this time was -10.6%
- Student grade membership remains positive second month in a row
  - Last year this time was -3.0%

## Society Memberships

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

|   |        |                    |        |        |       | IEEE So          | ciety Men | nbership | Totals a | as of Ma       | rch 2015 |        |        |                               |        |        |        |                                |        |        |
|---|--------|--------------------|--------|--------|-------|------------------|-----------|----------|----------|----------------|----------|--------|--------|-------------------------------|--------|--------|--------|--------------------------------|--------|--------|
| SOCIETY / DIVISION                        | •      | ner Grade<br>Nbers | Cha    | inge   |       | itudent<br>ibers | Cha       | nge      |          | ciety<br>iates | Cha      | ange   |        | <b>y Totals</b><br>ffiliates) | Cha    | nge    |        | <b>y Totals</b><br>affiliates) | Cha    | nge    |
| IEEE Societies                            | 2015   | 2014               | #      | %      | 2015  | 2014             | #         | %        | 2015     | 2014           | #        | %      | 2015   | 2014                          | #      | %      | 2015   | 2014                           | #      | %      |
| DIVISION I                                |        |                    |        |        |       | -                |           |          |          |                |          |        |        |                               |        |        |        |                                |        |        |
| Circuits & Systems                        | 8,214  | 8,210              | 4      | 0.0%   | 407   | 401              | 6         | 1.5%     | 29       | 28             | 1        | 3.6%   | 8,650  | 8,639                         | 11     | 0.1%   | 8,621  | 8,611                          | 10     | 0.1%   |
| Electron Devices                          | 8,494  | 8,517              | -23    | -0.3%  | 303   | 321              | -18       | -5.6%    | 42       | 40             | 2        | 5.0%   | 8,839  | 8,878                         | -39    | -0.4%  | 8,797  | 8,838                          | -41    | -0.5%  |
| Solid-State Circuits                      | 8,486  | 8,554              | -68    | -0.8%  | 218   | 150              | 68        | 45.3%    | 90       | 66             | 24       | 36.4%  | 8,794  | 8,770                         | 24     | 0.3%   | 8,704  | 8,704                          | 0      | 0.0%   |
| Div I Subtotal                            | 25,194 | 25,281             | -87    | -0.3%  | 928   | 872              | 56        | 6.4%     | 161      | 134            | 27       | 20.1%  | 26,283 | 26,287                        | -4     | 0.0%   | 26,122 | 26,153                         | -31    | -0.1%  |
| DIVISION II                               |        |                    |        |        |       |                  |           |          |          |                |          |        |        |                               |        |        |        |                                |        |        |
| Components, Packaging & Mfg<br>Tech       | 2,065  | 2,126              | -61    | -2.9%  | 41    | 49               | -8        | -16.3%   | 17       | 20             | -3       | -15.0% | 2,123  | 2,195                         | -72    | -3.3%  | 2,106  | 2,175                          | -69    | -3.2%  |
| Dielectrics & Electrical Insulation       | 1,913  | 1,993              | -80    | -4.0%  | 21    | 37               | -16       | -43.2%   | 22       | 21             | 1        | 4.8%   | 1,956  | 2,051                         | -95    | -4.6%  | 1,934  | 2,030                          | -96    | -4.7%  |
| Industry Applications                     | 9,736  | 9,130              | 606    | 6.6%   | 1,016 | 564              | 452       | 80.1%    | 39       | 38             | 1        | 2.6%   | 10,791 | 9,732                         | 1,059  | 10.9%  | 10,752 | 9,694                          | 1,058  | 10.9%  |
| Instrumentation & Measurements            | 3,475  | 3,507              | -32    | -0.9%  | 74    | 76               | -2        | -2.6%    | 10       | 17             | -7       | -41.2% | 3,559  | 3,600                         | -41    | -1.1%  | 3,549  | 3,583                          | -34    | -0.9%  |
| Power Electronics                         | 6,502  | 6,387              | 115    | 1.8%   | 229   | 217              | 12        | 5.5%     | 21       | 25             | -4       | -16.0% | 6,752  | 6,629                         | 123    | 1.9%   | 6,731  | 6,604                          | 127    | 1.9%   |
| Ultrasonics, Ferroelectrics, Freq<br>Ctrl | 1,849  | 1,808              | 41     | 2.3%   | 38    | 36               | 2         | 5.6%     | 29       | 20             | 9        | 45.0%  | 1,916  | 1,864                         | 52     | 2.8%   | 1,887  | 1,844                          | 43     | 2.3%   |
| Div II Subtotal                           | 25,540 | 24,951             | 589    | 2.4%   | 1,419 | 979              | 440       | 44.9%    | 138      | 141            | -3       | -2.1%  | 27,097 | 26,071                        | 1,026  | 3.9%   | 26,959 | 25,930                         | 1,029  | 4.0%   |
| DIVISION III                              |        |                    |        |        |       |                  |           |          |          |                |          |        |        |                               |        |        |        |                                |        |        |
| Communications                            | 26,082 | 31,379             | -5,297 | -16.9% | 750   | 2,828            | -2,078    | -73.5%   | 516      | 584            | -68      | -11.6% | 27,348 | 34,791                        | -7,443 | -21.4% | 26,832 | 34,207                         | -7,375 | -21.6% |
| DIVISION IV                               |        |                    |        |        |       |                  |           |          |          |                |          |        |        |                               |        |        |        |                                |        |        |
| Antennas & Propagation                    | 7,404  | 7,258              | 146    | 2.0%   | 206   | 193              | 13        | 6.7%     | 39       | 43             | -4       | -9.3%  | 7,649  | 7,494                         | 155    | 2.1%   | 7,610  | 7,451                          | 159    | 2.1%   |
| Broadcast Technology                      | 1,452  | 1,428              | 24     | 1.7%   | 38    | 44               | -6        | -13.6%   | 17       | 13             | 4        | 30.8%  | 1,507  | 1,485                         | 22     | 1.5%   | 1,490  | 1,472                          | 18     | 1.2%   |
| Consumer Electronics                      | 2,760  | 2,597              | 163    | 6.3%   | 105   | 102              | 3         | 2.9%     | 17       | 16             | 1        | 6.3%   | 2,882  | 2,715                         | 167    | 6.2%   | 2,865  | 2,699                          | 166    | 6.2%   |
| Electromagnetic Compatibility             | 3,447  | 3,486              | -39    | -1.1%  | 43    | 42               | 1         | 2.4%     | 25       | 21             | 4        | 19.0%  | 3,515  | 3,549                         | -34    | -1.0%  | 3,490  | 3,528                          | -38    | -1.1%  |
| Magnetics                                 | 2,576  | 2,648              | -72    | -2.7%  | 62    | 82               | -20       | -24.4%   | 71       | 65             | 6        | 9.2%   | 2,709  | 2,795                         | -86    | -3.1%  | 2,638  | 2,730                          | -92    | -3.4%  |
| Microwave Theory & Techniques             | 9,884  | 10,027             | -143   | -1.4%  | 207   | 243              | -36       | -14.8%   | 30       | 29             | 1        | 3.4%   | 10,121 | 10,299                        | -178   | -1.7%  | 10,091 | 10,270                         | -179   | -1.7%  |
| Nuclear & Plasma Sciences                 | 2,457  | 2,582              | -125   | -4.8%  | 52    | 54               | -2        | -3.7%    | 38       | 41             | -3       | -7.3%  | 2,547  | 2,677                         | -130   | -4.9%  | 2,509  | 2,636                          | -127   | -4.8%  |
| Div IV Subtotal                           | 29,980 | 30,026             | -46    | -0.2%  | 713   | 760              | -47       | -6.2%    | 237      | 228            | 9        | 3.9%   | 30,930 | 31,014                        | -84    | -0.3%  | 30,693 | 30,786                         | -93    | -0.3%  |
| DIVISION V/VIII                           |        |                    |        |        |       |                  |           |          |          |                |          |        |        |                               |        |        |        |                                |        |        |
| Computer                                  | 37,652 | 39,838             | -2,186 | -5.5%  | 2,466 | 2,962            | -496      | -16.7%   | 7,407    | 8,643          | -1,236   | -14.3% | 47,525 | 51,443                        | -3,918 | -7.6%  | 40,118 | 42,800                         | -2,682 | -6.3%  |

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

|                                    |         |                    |        |       |               | IEEE Soo        | ciety Men | nbership | Totals a | s of Ma       | rch 2015 |        |                     |                               |        |        |                     |                                |        |        |
|------------------------------------|---------|--------------------|--------|-------|---------------|-----------------|-----------|----------|----------|---------------|----------|--------|---------------------|-------------------------------|--------|--------|---------------------|--------------------------------|--------|--------|
| SOCIETY / DIVISION                 |         | ner Grade<br>nbers | Cha    | ange  | IEEE S<br>Mem | tudent<br>Ibers | Cha       | nge      |          | iety<br>iates | Cha      | ange   | Society<br>(with at | <b>/ Totals</b><br>ffiliates) | Cha    | nge    | Society<br>(without | <b>/ Totals</b><br>affiliates) | Cha    | nge    |
| IEEE Societies                     | 2015    | 2014               | #      | %     | 2015          | 2014            | #         | %        | 2015     | 2014          | #        | %      | 2015                | 2014                          | #      | %      | 2015                | 2014                           | #      | %      |
| DIVISION VI                        |         |                    |        |       |               |                 |           |          |          |               |          |        |                     |                               |        |        |                     |                                |        |        |
| Education                          | 2,921   | 2,944              | -23    | -0.8% | 79            | 80              | -1        | -1.3%    | 31       | 37            | -6       | -16.2% | 3,031               | 3,061                         | -30    | -1.0%  | 3,000               | 3,024                          | -24    | -0.8%  |
| Industrial Electronics             | 5,163   | 5,075              | 88     | 1.7%  | 147           | 173             | -26       | -15.0%   | 22       | 16            | 6        | 37.5%  | 5,332               | 5,264                         | 68     | 1.3%   | 5,310               | 5,248                          | 62     | 1.2%   |
| Product Safety Engineering         | 719     | 734                | -15    | -2.0% | 4             | 4               | 0         | 0.0%     | 7        | 8             | -1       | -12.5% | 730                 | 746                           | -16    | -2.1%  | 723                 | 738                            | -15    | -2.0%  |
| Professional Communication         | 559     | 609                | -50    | -8.2% | 11            | 26              | -15       | -57.7%   | 42       | 45            | -3       | -6.7%  | 612                 | 680                           | -68    | -10.0% | 570                 | 635                            | -65    | -10.2% |
| Reliability                        | 1,542   | 1,589              | -47    | -3.0% | 27            | 16              | 11        | 68.8%    | 20       | 14            | 6        | 42.9%  | 1,589               | 1,619                         | -30    | -1.9%  | 1,569               | 1,605                          | -36    | -2.2%  |
| Social Implications of Technology  | 1,212   | 1,246              | -34    | -2.7% | 23            | 25              | -2        | -8.0%    | 10       | 15            | -5       | -33.3% | 1,245               | 1,286                         | -41    | -3.2%  | 1,235               | 1,271                          | -36    | -2.8%  |
| Technology and Engineering Mgmt*   | * 2,411 | 0                  | 2,411  |       | 47            |                 | 47        |          | 24       |               | 24       |        | 2,482               | 0                             | 2,482  |        | 2,458               | 0                              | 2,458  |        |
| Div VI Subtotal                    | 14,527  | 12,197             | 2,330  | 19.1% | 338           | 324             | 14        | 4.3%     | 156      | 135           | 21       | 15.6%  | 15,021              | 12,656                        | 2,365  | 18.7%  | 14,865              | 12,521                         | 2,344  | 18.7%  |
| DIVISION VII                       |         |                    |        |       |               |                 |           |          |          |               |          |        |                     |                               |        |        |                     |                                |        |        |
| Power & Energy                     | 25,070  | 24,776             | 294    | 1.2%  | 2,782         | 1,861           | 921       | 49.5%    | 238      | 237           | 1        | 0.4%   | 28,090              | 26,874                        | 1,216  | 4.5%   | 27,852              | 26,637                         | 1,215  | 4.6%   |
| DIVISION IX                        |         |                    |        |       |               |                 |           |          |          |               |          |        |                     |                               |        |        |                     |                                |        |        |
| Aerospace & Electronic Systems     | 3,906   | 3,940              | -34    | -0.9% | 180           | 224             | -44       | -19.6%   | 21       | 25            | -4       | -16.0% | 4,107               | 4,189                         | -82    | -2.0%  | 4,086               | 4,164                          | -78    | -1.9%  |
| Geoscience & Remote Sensing        | 2,787   | 2,718              | 69     | 2.5%  | 111           | 90              | 21        | 23.3%    | 165      | 160           | 5        | 3.1%   | 3,063               | 2,968                         | 95     | 3.2%   | 2,898               | 2,808                          | 90     | 3.2%   |
| Information Theory                 | 2,751   | 2,747              | 4      | 0.1%  | 68            | 40              | 28        | 70.0%    | 20       | 18            | 2        | 11.1%  | 2,839               | 2,805                         | 34     | 1.2%   | 2,819               | 2,787                          | 32     | 1.1%   |
| Intelligent Transportation Systems | 1,219   | 1,114              | 105    | 9.4%  | 29            | 21              | 8         | 38.1%    | 21       | 19            | 2        | 10.5%  | 1,269               | 1,154                         | 115    | 10.0%  | 1,248               | 1,135                          | 113    | 10.0%  |
| Oceanic Engineering                | 1,503   | 1,499              | 4      | 0.3%  | 58            | 37              | 21        | 56.8%    | 20       | 20            | 0        | 0.0%   | 1,581               | 1,556                         | 25     | 1.6%   | 1,561               | 1,536                          | 25     | 1.6%   |
| Signal Processing                  | 14,505  | 13,984             | 521    | 3.7%  | 1,077         | 451             | 626       | 138.8%   | 112      | 108           | 4        | 3.7%   | 15,694              | 14,543                        | 1,151  | 7.9%   | 15,582              | 14,435                         | 1,147  | 7.9%   |
| Vehicular Technology               | 3,629   | 3,654              | -25    | -0.7% | 110           | 124             | -14       | -11.3%   | 23       | 20            | 3        | 15.0%  | 3,762               | 3,798                         | -36    | -0.9%  | 3,739               | 3,778                          | -39    | -1.0%  |
| Div IX Subtotal                    | 30,300  | 29,656             | 644    | 2.2%  | 1,633         | 987             | 646       | 65.5%    | 382      | 370           | 12       | 3.2%   | 32,315              | 31,013                        | 1,302  | 4.2%   | 31,933              | 30,643                         | 1,290  | 4.2%   |
| DIVISION X                         |         |                    |        |       |               |                 |           |          |          |               |          |        |                     |                               |        |        |                     |                                |        |        |
| Computational Intelligence         | 5,038   | 5,105              | -67    | -1.3% | 234           | 259             | -25       | -9.7%    | 72       | 81            | -9       | -11.1% | 5,344               | 5,445                         | -101   | -1.9%  | 5,272               | 5,364                          | -92    | -1.7%  |
| Control Systems                    | 7,661   | 7,918              | -257   | -3.2% | 261           | 271             | -10       | -3.7%    | 57       | 54            | 3        | 5.6%   | 7,979               | 8,243                         | -264   | -3.2%  | 7,922               | 8,189                          | -267   | -3.3%  |
| Engineering in Medicine & Biology  | 7,208   | 6,902              | 306    | 4.4%  | 819           | 520             | 299       | 57.5%    | 453      | 201           | 252      | 125.4% | 8,480               | 7,623                         | 857    | 11.2%  | 8,027               | 7,422                          | 605    | 8.2%   |
| Photonics                          | 4,941   | 4,881              | 60     | 1.2%  | 91            | 66              | 25        | 37.9%    | 106      | 94            | 12       | 12.8%  | 5,138               | 5,041                         | 97     | 1.9%   | 5,032               | 4,947                          | 85     | 1.7%   |
| Robotics & Automation              | 8,549   | 8,151              | 398    | 4.9%  | 1,422         | 1,219           | 203       | 16.7%    | 89       | 82            | 7        | 8.5%   | 10,060              | 9,452                         | 608    | 6.4%   | 9,971               | 9,370                          | 601    | 6.4%   |
| Systems, Man & Cybernetics         | 3,577   | 3,833              | -256   | -6.7% | 159           | 168             | -9        | -5.4%    | 24       | 33            | -9       | -27.3% | 3,760               | 4,034                         | -274   | -6.8%  | 3,736               | 4,001                          | -265   | -6.6%  |
| Div X Subtotal                     | 36,974  | 36,790             | 184    | 0.5%  | 2,986         | 2,503           | 483       | 19.3%    | 801      | 545           | 256      | 47.0%  | 40,761              | 39,838                        | 923    | 2.3%   | 39,960              | 39,293                         | 667    | 1.7%   |
|                                    |         |                    |        |       |               |                 |           |          |          |               |          |        |                     |                               |        |        |                     |                                |        |        |
| TOTAL                              | 251,319 | 254,894            | -3,575 | -1.4% | 14,015        | 14,076          | -61       | -0.4%    | 10,036   | 11,017        | -981     | -8.9%  | 275,370             | 279,987                       | -4,617 | -1.6%  | 265,334             | 268,970                        | -3,636 | -1.4%  |

\*Added new in 2015, no YoY comparison data





#### Women in Engineering (WIE)

Mar '15

| Crede            | This Month | This Month | Year-ov | ver-Year | Denien         | This        | This                | Year-ov | er-Year |
|------------------|------------|------------|---------|----------|----------------|-------------|---------------------|---------|---------|
| Grade            | '15        | '14        | #       | %        | Region         | Month<br>15 | Month<br><b>'14</b> | #       | %       |
| Fellow           | 92         | 89         | 3       | 3.4%     | U.S.           |             |                     |         |         |
| Senior Member    | 577        | 518        | 59      | 11.4%    | 0.0.           | 2,645       | 2,593               | 52      | 2.0%    |
| Member           | 2115       | 1994       | 121     | 6.1%     | Canada         | 297         | 263                 | 34      | 12.9%   |
| Associate Member | 44         | 35         | 9       | 25.7%    | Europe,        |             |                     | •       |         |
| Graduate Student | 1722       | 1688       | 34      | 2.0%     | Middle East,   |             |                     |         |         |
| Student          | 6446       | 5501       | 945     | 17.2%    | Africa         | 1.994       | 1,755               | 239     | 13.6%   |
| Total            | 10,996     | 9,838      | 1,158   | 11.8%    |                | 1,994       | 1,755               | 239     | 13.070  |
|                  |            |            |         |          | Latin America  | 1,337       | 1,156               | 181     | 15.7%   |
|                  |            |            |         |          | Asia & Pacific | 4,723       | 4,071               | 652     | 16.0%   |
|                  |            |            |         |          | Total          | 10,996      | 9,838               | 1,158   | 11.8%   |

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 |       |            |       | Mar '15       |             |
|----------------|-------------|-------|------------|-------|---------------|-------------|
| Grade          | This Month  | '15   | This Month | '14   | Year-ove<br># | r-Year<br>% |
| Student        |             | 33    |            | 34    | (1)           | -2.9%       |
| Higher-Grade   |             | 5,767 |            | 5,768 | (1)           | 0.0%        |
| Affiliate      |             | 59    |            | 81    | (22)          | -27.2%      |
| Total          |             | 5,859 |            | 5,883 | (24)          | -0.4%       |
|                |             | .,    |            | -,    | ()            | 011,0       |

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.





| Geog   | Geographic IEEE Young Professionals Membership - March 2015 |        |        |  |  |  |  |  |  |  |  |  |
|--------|---|--------|--------|--|--|--|--|--|--|--|--|--|
| Region | Higher Grade w/o GSM  | GSM    | Total  |  |  |  |  |  |  |  |  |  |
|        | 2015  | 2015   | 2015   |  |  |  |  |  |  |  |  |  |
| 1      | 2,626   | 1,584  | 4,210  |  |  |  |  |  |  |  |  |  |
| 2      | 2,354   | 1,552  | 3,906  |  |  |  |  |  |  |  |  |  |
| 3      | 2,383   | 1,967  | 4,350  |  |  |  |  |  |  |  |  |  |
| 4      | 2,133   | 1,623  | 3,756  |  |  |  |  |  |  |  |  |  |
| 5      | 2,706   | 1,655  | 4,361  |  |  |  |  |  |  |  |  |  |
| 6      | 5,264   | 2,489  | 7,753  |  |  |  |  |  |  |  |  |  |
| R 1-6  | 17,466  | 10,870 | 28,336 |  |  |  |  |  |  |  |  |  |
| 7      | 2,159   | 1,736  | 3,895  |  |  |  |  |  |  |  |  |  |
| 8      | 10,457  | 9,694  | 20,151 |  |  |  |  |  |  |  |  |  |
| 9      | 1,977   | 1,309  | 3,286  |  |  |  |  |  |  |  |  |  |
| 10     | 10,488  | 11,035 | 21,523 |  |  |  |  |  |  |  |  |  |
| R 7-10 | 25,081  | 23,774 | 48,855 |  |  |  |  |  |  |  |  |  |
| TOTAL  | 42,552  | 34,648 | 77,200 |  |  |  |  |  |  |  |  |  |

For 2015, Young Professionals eligibility rules changed, broadening the scope of "ten years from first degree" to "fifteen years from first degree".



# ETA KAPPA NU

Electrical and Computer Engineering Honor Society

Active IEEE Members that belong to Eta Kappa Nu

|        | Geographic IEEE HKN  | N Membership - Marc | h 2015 |
|--------|----------------------|---------------------|--------|
| Region | Higher Grade w/o GSM | Students            | Total  |
| 1      | 914                  | 430                 | 1,344  |
| 2      | 873                  | 379                 | 1,252  |
| 3      | 806                  | 598                 | 1,404  |
| 4      | 638                  | 476                 | 1,114  |
| 5      | 869                  | 500                 | 1,369  |
| 6      | 1,140                | 589                 | 1,729  |
| R 1-6  | 5,240                | 2,972               | 8,212  |
| 7      | 19                   | 22                  | 41     |
| 8      | 58                   | 21                  | 79     |
| 9      | 24                   | 89                  | 113    |
| 10     | 55                   | 68                  | 123    |
| R 7-10 | 156                  | 200                 | 356    |
| TOTAL  | 5,396                | 3,172               | 8,568  |