



MD Monthly – AUGUST 2016

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		Aug '16	Aug '15	Jul '16	Aug '16 vs. Jul '16	
IEEE Membership	+	3,366	+0.9%	386,538	383,172	377,779	+2.3%
o Honorary		0	0.0%	32	32	32	0.0%
o Fellow	▲	124	+1.7%	7,367	7,243	7,368	0.0%
o Senior Member	▲	1,558	+4.1%	39,313	37,755	39,119	+0.5%
o Member	▼	-1,031	-0.4%	245,369	246,400	229,726	+6.8%
o Associate Member	▼	-503	-6.0%	7,903	8,406	7,029	+12.4%
o Graduate Student	▲	278	+0.9%	32,796	32,518	39,149	-16.2%
o Undergraduate Student	▲	2,940	+5.8%	53,758	50,818	55,356	-2.9%
Society Membership	⊖	-77	0.0%	300,453	300,530	295,838	+1.6%
o 13 Societies up > 1%	▲	6,620		Societies Note: Sum of respective gains and losses, with all counts excluding Affiliates. Including Affiliates, total Society memberships are down year-over-year by -1,410 or -0.5%.			
o 6 Societies +/- 1%	▼	-4					
o 20 Societies down > 1%	▼	-6,693					

MD Venue	August - Membership Year To Date									
	'16	'15	'14	'13		'16	'15	'14	'13	
Retention	70.0%	70.4%	70.7%	71.3%		Recruitment	98,777	89,072	92,282	98,344
Higher-Grade	79.3%	79.9%	80.7%	80.1%		Reinstatement	19,049	18,171	17,558	16,421
STU/GSM	38.7%	38.9%	39.5%	42.6%		Recovery	24,605	28,919	24,942	26,596
	266,781	273,492	277,496	279,787						
	232,977	238,469	239,843	240,888						
	33,804	35,023	37,653	38,899						

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

	Recruitment Activities	Retention Activities
Oct	<p> Membership Promotion: Individuals who join in October receive <u>15 months</u> of membership for the price of 12. Incorporate message into outre4ches.</p> <p> 4 October-IEEE Day</p> <p>21-22 October-IEEE Xtreme 10.0 Student Programming Competition</p>	<p> Access New Member Roster, and initiate a welcome greeting to new members of your Section.</p> <p> 1 October-HQ commences with first renewal campaigns for 2017 membership year.</p>
Nov	<p> Membership Promotion: Individuals who join in November receive <u>14 months</u> of membership for the price of 12. Incorporate message into outreaches.</p> <p> Begin focus on renewal. →</p>	<p> Access New Member Roster, and initiate a welcome greeting to new members of your Section.</p> <p> Monitor renewals in your Section via SAMIEEE, and draft local reminder outreaches.</p>

August MD Highlights

IEEE Membership

With the conclusion of the 2016 membership year in August, overall IEEE membership is positive +0.9%, or 3,366 members. This was a very strong August all around, with record recruitment and arrears recovery activity. In addition, reinstatement activity (former members coming back to IEEE) outpaced last year by +4.8%.

The 2017 membership year begins now with a larger renewal opportunity. It can't be stressed enough that retention will be critical for this larger pool of first year members. Start putting a plan in place to welcome these new members, and get them engaged now, so that when the decision to renew comes around in October, they can point to a meaningful and rewarding membership experience. Tip: Utilize the new First Year Member Engagement Toolkit and other resources available on the MD portal, www.ieee.org/md.

Congratulations

Special congratulations to the 36 Sections that have earned the gold medal of recognition, having met goals for both recruitment and retention! This represents a 30% increase over 2015. (More detail, pages 4-8.)



Recruitment

Overall recruitment ended the year ahead by +10.9% over 2015. It had been as high as +12.3% in May following year-long gains in the higher grade sector. In August we saw record student recruitment – the highest since 2009 - which may be due to the IEEEExtreme registration opening. Higher grade recruitment in August was also the highest since 2013. We begin the 2017 membership year with a larger membership base due in whole to this growth in recruitment (and reinstatement, to a smaller degree).

Worldwide, 117 Sections have met their recruitment goals (see page 6) for the 2017 membership year, or close to one-third of all Sections. This represents an increase of 35% over last year. Rolling up to the Region level, Region 8 and 10 had the most significant goal achievement.

See more detail on recruitment, page 10.

➔ **The 2017 membership year is underway.** Start planning recruitment activities now. New membership collateral for 2017 began shipping to Sections and student branches in August. Links to all MD resources plus communications templates can be found at www.ieee.org/md.

Retention

Overall retention is behind by -0.4% at the end of the 2016 membership year. There was a big bump in renewal activity in August which closed the YoY gap by two tenths from July, as we saw more members renew later. July and August 2016 saw the most renewal activity on record for those two months. The increased activity was in the graduate student and undergraduate student categories, as the higher grade retention gap remained flat. In fact, undergraduate retention improved over last year, and has been growing for the last three years.

There are 79 Sections worldwide who have met or exceeded their retention goal for the year (page 8). Last year we had 83, so 5% less this year. However given the overall retention trend this is not unexpected. Region 10 had the most Sections as percentage of the total that met their goals.

➔ **Communicate the value of membership.** The 2017 renewal season is kicking off at the end of September. Take time to remind your members about the value they get from being a member in your Section. Plan an IEEE Day event or a co-sponsored event with your local student branch. There are many ideas that are easy to implement. Need help or ideas? Contact elyn.perez@ieee.org, or use the templates available on the MD portal, www.ieee.org/md.

See more detail on retention, page 9.

Society Membership

Overall Society memberships are essentially flat year-over-year, down by just 77 members. In July that difference was 1,062 members, or -0.4%. As has been reported, Computer Society gains account for about 35% of the total Society membership gains, experiencing tremendous growth especially in Region 10 this year. The introduction of new customized membership bundles based on career stage will hopefully ensure some positive retention for Computer Society going in to 2017.

The top Societies in terms of percentage growth for the 2016 membership year were Power Electronics Society (+7.2%), Social Implications of Technology Society (+6.5%), and Industrial Electronics Society (+6.0%).

Society membership details begin on page 13.



IEEE Smart Tech events have been held in more than 12 cities worldwide since 2011. With an 86% satisfaction rating and over 2,500 past attendees worldwide, the **2016 Signature Event series** has been designed to showcase the best of these previous workshops in the most highly sought after and emerging technologies today. In addition, Smart Tech provides an

un-paralleled experience for networking with peers.

The first event is being held in **Crystal City, VA, USA 30 September-1 October**. The event in Crystal City will be unique among past events as it will be the first to offer a live streaming option that allows virtual participation from anywhere. We are expecting well over 300 in-person attendees, and over 1,000 live streaming participants from around the world. Systems engineering, IoT, and 5G are among the featured technologies.

The second event is being held in **Birmingham, England 21-22 October 2016** with tracks on Li-Fi, robotics, software development for mobile computing (featuring ARM technologies), and software radio development. Both events will feature a track on the soft skills of networking and career development.

Registration is open for both events, with member discounted registration, and single day options. There are also sponsorship opportunities available to external corporations or any IEEE entity that wishes to participate.

Visit www.ieee.org/metroevents for all the details, or send an e-mail to mga-maw@ieee.org.



IEEE Day this year will be on **4 October 2016**, with the theme of “Leveraging Technology for a Better Tomorrow”. Start planning your events now. If you’re looking to schedule an event or activity in October, simply schedule it for the week of IEEE Day and submit it as an event on the IEEE Day website (<http://www.ieeeday.org>).

During this week, IEEE will once again be offering a special membership discount for new members. This is a great opportunity for Sections to get a good start on 2017 recruitment, plus an opportunity to engage your members and let them know they are appreciated.

Remember: All new members recruited during the week of IEEE Day are still eligible for awards under the MGM program!



IEEE Xtreme is a global challenge in which teams of IEEE Student members—advised and proctored by an IEEE member, and often supported by an IEEE Student Branch—compete in a 24-hour time span against each other to solve a set of programming problems. The competition celebrates its tenth anniversary this year!

Registration for IEEE Xtreme 10.0 will be open through 14 October 2016 00:00:00 UTC. The competition will begin on 22 October 2016 00:00:00 UTC. Visit www.ieee.org/xtreme.

2016 Membership Development Goals



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MD goals are created for each individual Section for both recruitment and retention. Section goals are then rolled up to the Region level, producing the Region goal for recruitment, retention and overall membership.

For 2016 goals, we reviewed four 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.



Special congratulations to the 36 Sections that earned the gold medal of recognition, and met goals for both recruitment and retention! Nine more Sections join the list this month, at right.

Last year we had 28 Sections earn this award. We had a 30% increase this year. That is great news!

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.

On the following pages, view the recruitment and retention year-end results.

Year-End 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	Section
R1	Rochester Section NEW
R2	Susquehanna Section
R3	Louisville Section East Tennessee Section Richmond Section Virginia Mountain Section Chattanooga Section Eastern North Carolina Section
R4	Cedar Rapids Section
R5	Wichita Section NEW
R6	Hawaii Section Alamogordo-Holloman Section NEW
R7	Saint Maurice Section North Saskatchewan Section
R8	Kuwait Section Ukraine Section Turkey Section Russia Section Belarus Section Russia (Northwest) Section Ghana Section NEW
R9	Argentina Section Peru Section Mexico Section NEW Morelos Section NEW
R10	Vietnam Section Macau Section Karachi Section Bangalore Section Republic of Philippines Sapporo Section Victorian Section Kansai Section Seoul Section NEW Singapore Section NEW Fukuoka Section NEW

Region Membership Goals – 2016 Membership Year

Below is a summary by Region showing the goal and progress to goal for the 2016 membership year.

Retention	2016 % Retention Goal	2016 Retention Growth	2016 YTD Aug	% to Goal
R1	83.2%	0.9%	81.1%	97.5%
R2	84.0%	5.0%	82.3%	98.0%
R3	79.8%	0.6%	78.1%	97.8%
R4	80.3%	1.8%	78.7%	98.0%
R5	81.0%	3.0%	77.3%	95.5%
R6	82.4%	0.3%	79.3%	96.2%
R7	77.1%	0.9%	74.1%	96.1%
R8	72.8%	3.9%	69.0%	94.8%
R9	55.1%	0.7%	50.4%	91.4%
R10	57.0%	1.4%	55.5%	97.4%
Total	72.3%	1.9%	70.0%	96.8%

79 Sections worldwide, almost one quarter, met their retention goals, see page 9.

Region	# of Sections Met Goal	% of Sections
1	2	9.1%
2	4	20.0%
3	14	34.1%
4	6	26.1%
5	4	15.4%
6	8	22.9%
7	3	15.0%
8	13	22.4%
9	7	20.0%
10	18	30.5%
Total	79	23.3%

Recruitment	2016 Recruitment Goal	2016 Recruitment Growth	2016 YTD Aug	% to Goal
R1	3,712	4.6%	3,631	97.8%
R2	3,122	8.8%	2,848	91.2%
R3	4,507	9.7%	3,949	87.6%
R4	3,129	7.7%	2,878	92.0%
R5	4,142	6.0%	3,605	87.0%
R6	6,429	4.7%	5,833	90.7%
R7	3,070	6.9%	2,622	85.4%
R8 ★	16,886	2.1%	17,152	101.6%
R9	7,007	5.9%	6,106	87.1%
R10 ★	41,605	5.2%	50,153	120.5%
Total	93,610	5.1%	98,777	105.5%

Congratulations to Regions 8 and 10 for surpassing their recruitment goal for the year!

117 Sections worldwide met their recruitment goals, or roughly one-third of Sections. See page 7-8.

Region	# of Sections Achieved	% of Sections
1	8	36.4%
2	4	20.0%
3	9	22.0%
4	8	34.8%
5	7	26.9%
6	7	20.0%
7	7	35.0%
8	22	37.9%
9	12	34.3%
10	33	55.9%
Total	117	34.5%

Reinstatement	2016 Reinstatement Goal	2016 Reinstatement Growth	2016 YTD Aug	% to Goal
R1	1,389	6.0%	1,240	89.3%
R2	1,162	5.0%	1,104	95.0%
R3	1,279	5.0%	1,270	99.3%
R4 ★	863	5.0%	870	100.8%
R5	1,389	6.0%	1,196	86.1%
R6	2,595	6.0%	2,448	94.3%
R7	676	5.0%	661	97.8%
R8 ★★	3,741	5.0%	4,091	109.4%
R9 ★★	1,050	4.9%	1,094	104.2%
R10 ★★	5,033	6.0%	5,075	100.8%
Total	19,177	5.5%	19,049	99.3%

Congratulations to Regions 4, 8, 9 and 10 for surpassing the reinstatement goals for the year! We see a continuing spike in reinstatement activity over the last several months.

Former members are a ripe pool of candidates to outreach to – and each year that pool grows. The members who didn't renew last year (in Arrears for 2014) are now Inactive and added to the former member pool.

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









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







Section Membership Goals and Progress - Recruitment


Congratulations to the 117 Sections who have met or surpassed their recruitment goals for 2016. More than one-third of all Sections worldwide met their recruitment goal. Twenty-six more Sections join the list this month, highlighted in blue:



Increased Section Membership Recruitment

Region	Section	% to Goal
R1	Mid-Hudson Section	184.3%
	Rochester Section 	146.3%
	Syracuse Section	109.3%
	Buffalo Section	107.3%
	North Jersey Section	106.2%
	Binghamton Section	105.1%
	Connecticut Section	101.3%
	New York Section	100.1%
R2	West Virginia Section	130.0%
	Akron Section	121.3%
	Susquehanna Section 	108.9%
	Southern New Jersey Section	106.9%
R3	Tri Cities Section	176.9%
	Louisville Section 	135.0%
	Central Virginia Section	130.2%
	Richmond Section 	127.3%
	Virginia Mountain Section 	118.8%
	East Tennessee Section 	118.2%
	Chattanooga Section 	113.5%
	Florida West Coast Section	110.5%
Eastern North Carolina Section 	106.4%	

Region	Section	% to Goal
R4	Toledo Section	157.0%
	Nebraska Section	148.5%
	Siouxland Section	144.1%
	Cedar Rapids Section 	125.5%
	Rock River Valley Section	123.1%
	Milwaukee Section	111.3%
	Central Illinois Section	100.9%
	Chicago Section	100.8%
R5	Wichita Section 	274.7%
	Southwest Missouri Section	127.3%
	Galveston Bay Section	117.9%
	Arkansas River Valley Section	115.8%
	New Orleans Section	108.4%
	Oklahoma City Section	104.5%
Baton Rouge Section	104.3%	
R6	Richland Section	163.0%
	Alamogordo-Holloman Section 	150.0%
	Albuquerque Section 	132.0%
	Hawaii Section	127.3%
	Phoenix Section	107.6%
	San Diego Section	103.0%
	Foothill Section	102.0%
R7	Windsor Section	184.4%
	Saint Maurice Section 	164.3%
	Victoria Section	106.9%
	North Saskatchewan Section 	106.5%
	Newfoundland-Labrador Section	104.9%
	South Saskatchewan Section	104.3%
	Northern Canada Section	104.3%

 Indicates a gold medal of recognition for meeting both recruitment and retention goals.

(List continued next page)










- In 2015, we had just 85 Sections meet their recruitment goal – 35% more Sections this year!
- 2017 goals will reflect the last four years of historical data for each Section. The new goals will be announced in early October.












Section Membership Goals and Progress – Recruitment (continued)


Congratulations to the 117 Sections who have met or surpassed their recruitment goals for 2016. Twenty-six more Sections join the list this month, highlighted in blue:



Increased Section Membership Recruitment

Region	Section	% to Goal
R8	Morocco Section	202.5%
	Tunisia Section	180.2%
	Kuwait Section	166.9%
	Slovenia Section	166.5%
	Belarus Section	157.1%
	Kenya Section	155.2%
	Ukraine Section 	152.6%
	Russia Section 	142.0%
	Turkey Section 	136.0%
	Cyprus Section	133.0%
	Lebanon Section	126.7%
	Ghana Section 	124.0%
	Norway Section	115.5%
	Republic Of Macedonia Section	112.4%
	Bahrain Section	112.2%
	Saudi Arabia Section	109.3%
	Oman Section	109.0%
	Russia (Northwest) Section 	108.1%
	Benelux Section	105.1%
	Sweden Section	105.1%
Western Saudi Arabia Section	104.0%	
Russia (Siberia) Section	103.3%	
R9	Guatemala Section	195.7%
	Honduras Section	186.6%
	Argentina Section 	154.7%
	Veracruz Section	134.6%
	Peru Section 	133.2%
	Guanajuato Section	118.8%
	Nicaragua Section	112.9%
	Minas Gerais Section	112.5%
	Mexico Section 	106.1%
	Costa Rica Section	105.4%
	Chile Section	100.8%
	Morelos Section 	100.0%

Region	Section	% to Goal
R10	Hong Kong Section	1493.5%
	Kolkata Section	196.4%
	Karachi Section 	180.5%
	Vietnam Section 	164.7%
	Northern Australia Section	152.5%
	Xian Section	141.2%
	Republic Of Philippines Section 	137.6%
	Beijing Section	137.1%
	Sapporo Section 	135.2%
	Sri Lanka Section	131.7%
	New Zealand South Section	130.6%
	Sendai Section	126.4%
	Macau Section 	125.8%
	Harbin Section	125.4%
	Wuhan Section	125.2%
	Bangalore Section 	118.5%
	Kwangju Section	117.9%
	Victorian Section 	117.8%
	Pune Section	115.3%
	Thailand Section	114.8%
	Shikoku Section	113.5%
	Hyderabad Section	113.3%
	Kerala Section	111.9%
	Bangladesh Section	111.4%
	Daejeon Section	110.0%
	Singapore Section 	108.2%
Kansai Section 	106.3%	
Nanjing Section	106.1%	
Fukuoka Section 	106.0%	
Uttar Pradesh Section	104.1%	
Tainan Section	103.8%	
Nagoya Section	102.3%	
Seoul Section 	100.1%	

 Indicates a gold medal of recognition for meeting both recruitment and retention goals.

- Region 10 had the highest percentage of Sections make their recruitment goal, as a percentage of the total Sections: 56% of Sections in Region 10!
- 2017 goals will reflect the last four years of historical data for each Section. The new goals will be announced in early October.
- Questions? Contact Elyn Perez, elyn.perez@ieee.org


Section Membership Goals and Progress - Retention

Congratulations to the 79 Sections who met or surpassed their retention goals for 2016! Six more Sections made this list this month, highlighted:



Region	Section	% to Goal
R1	Rochester Section	100.2%
	Mohawk Valley Section	100.0%
R2	Erie Section	103.4%
	Delaware Bay Section	102.0%
	Susquehanna Section	101.1%
	Northern Virginia Section	100.0%
R3	Virginia Mountain Section	105.9%
	Mobile Section	105.3%
	Louisville Section	104.9%
	Central North Carolina Section	103.4%
	Evansville-Owensboro Section	102.9%
	Tri Cities Section	102.9%
	Chattanooga Section	102.5%
	Hampton Roads Section	101.7%
	East Tennessee Section	101.2%
	Eastern North Carolina Section	100.9%
	Richmond Section	100.8%
	Central Tennessee Section	100.7%
	Melbourne Section	100.5%
	Lexington Section	100.2%
	R4	Calumet Section
Cedar Rapids Section		103.5%
Red River Valley Section		101.9%
Northeast Michigan Section		101.5%
Central Iowa Section		101.5%
Southeastern Michigan Section		101.0%
R5	Pikes Peak Section	102.3%
	Arkansas Section	101.1%
	Wichita Section	100.1%
	Ozark Section	100.0%
R6	Alamogordo-Holloman Section	110.3%
	Central Montana Section	105.3%
	Northern Nevada Section	102.6%
	Central Washington Section	102.4%
	Eastern Montana Section	102.2%
	Hawaii Section	101.8%
	Oregon Section	101.1%
	Western Montana Section	100.3%
R7	Saint Maurice Section	124.6%
	North Saskatchewan Section	105.1%
	Vancouver Section	100.4%

Region	Section	% to Goal
R8	Belarus Section	135.7%
	Kuwait Section	129.9%
	Morocco Section	110.9%
	Russia (Northwest) Section	109.6%
	Ukraine Section	106.7%
	Kenya Section	105.7%
	Zambia Section	103.6%
	Romania Section	102.7%
	Bulgaria Section	102.4%
	Ghana Section	102.3%
	Turkey Section	101.8%
R9	Serbia And Montenegro Section	101.1%
	Russia Section	100.9%
	Centro-Norte Brasil Section	111.7%
	Mexico Section	108.7%
	Morelos Section	108.0%
	Peru Section	104.6%
	Queretaro Section	103.5%
R10	Uruguay Section	103.2%
	Argentina Section	100.0%
	Gujarat Section	125.4%
	Vietnam Section	117.9%
	Madras Section	117.6%
	Karachi Section	115.1%
	Macau Section	114.7%
	Bombay Section	111.4%
	Republic Of Philippines Section	104.7%
	Seoul Section	103.8%
	Bangalore Section	103.1%
	Delhi Section	102.7%
	Singapore Section	101.6%
Fukuoka Section	101.6%	
Victorian Section	101.6%	
Sapporo Section	101.2%	
Western Australia Section	100.8%	
Kansai Section	100.5%	
Lahore Section	100.2%	
Sendai Section	100.1%	

 Indicates a gold medal of recognition for meeting both recruitment and retention goals.

- Region 3 and Region 10 have the most Sections (as a percentage of the total Sections in the Region) meeting their retention goals.

Membership Retention Update

Overall retention is behind by -0.4% at the end of the 2016 membership year. There was a big bump in renewal activity in August which closed the YoY gap by two tenths from July, as we saw more members renew later. July and August 2016 saw the most renewal activity on record for those two months. The increased activity was in the graduate student and undergraduate student categories, as the higher grade retention gap remained flat. In fact, once again undergraduate retention improved over last year, and has been growing for the last three years.

The first-year member retention gap, though behind by a bigger margin, actually closed more of the gap from July to August than the overall.

A special recognition goes to Regions 2, 3, 4 and 10 for exceeding last year's retention!

		2016	2015	2014	2013	2012	2011
	# Deactivated	141,302	140,424	141,043	138,458	124,218	113,493
	% Deactivated	37.0%	36.1%	35.9%	35.3%	32.4%	30.2%
August	Cumulative Recovered	24,605	28,919	24,942	26,596	21,999	17,744
	This Month #	799	676	541	683	673	442
	% of Total Recovered	3.2%	2.3%	2.2%	2.6%	3.1%	2.5%
	% of Total Deactivated	17.4%	20.6%	17.7%	19.2%	17.7%	15.6%

➔ 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.

➔ Do you have a first-year member program in place? Need help or ideas? Contact Denise Maestri, d.maestri@ieee.org.

IEEE Membership Renewal / Retention - August 2016

REGION	HIGHER GRADE w/o GSM				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal		
		#	%, '16	%, '15		#	%, '16	%, '15		#	%, '16	%, '15		#	%, '16	%, '15
1	27,547	23,461	85.2%	86.4%	1,660	934	56.3%	62.0%	1,481	499	33.7%	34.7%	30,688	24,894	81.1%	82.3%
2	24,093	20,584	85.4%	85.6%	1,491	900	60.4%	59.8%	1,131	496	43.9%	40.8%	26,715	21,980	82.3%	81.8%
3	22,932	19,123	83.4%	82.8%	1,955	1,267	64.8%	63.4%	2,149	718	33.4%	37.0%	27,036	21,108	78.1%	77.5%
4	17,082	14,283	83.6%	83.1%	1,627	1,029	63.2%	64.1%	1,322	449	34.0%	34.9%	20,031	15,761	78.7%	78.4%
5	22,724	18,715	82.4%	83.7%	1,593	980	61.5%	63.2%	1,910	585	30.6%	36.2%	26,227	20,280	77.3%	79.0%
6	45,368	37,922	83.6%	84.4%	2,585	1,447	56.0%	62.7%	2,933	976	33.3%	38.5%	50,886	40,345	79.3%	80.5%
R 1-6	159,746	134,088	83.9%	84.5%	10,911	6,557	60.1%	62.6%	10,926	3,723	34.1%	37.2%	181,583	144,368	79.5%	80.1%
7	12,911	10,204	79.0%	80.0%	1,780	1,138	63.9%	66.2%	1,239	458	37.0%	40.5%	15,930	11,800	74.1%	75.3%
8	52,613	40,074	76.2%	76.3%	9,994	6,093	61.0%	64.4%	7,546	2,235	29.6%	32.1%	70,153	48,402	69.0%	69.9%
9	9,628	6,006	62.4%	66.0%	1,188	708	59.6%	60.5%	5,470	1,493	27.3%	26.0%	16,286	8,207	50.4%	52.9%
10	58,979	42,605	72.2%	72.9%	12,426	5,692	45.8%	41.9%	25,944	5,707	22.0%	18.7%	97,349	54,004	55.5%	54.3%
R 7-10	134,131	98,889	73.7%	74.4%	25,388	13,631	53.7%	53.1%	40,199	9,893	24.6%	22.9%	199,718	122,413	61.3%	61.4%
TOTAL	293,878	232,977	79.3%	79.9%	36,299	20,188	55.6%	55.9%	51,125	13,616	26.6%	26.2%	381,302	266,781	70.0%	70.4%

First-Year Member Renewal / Retention - August 2016

REGION	HIGHER GRADE w/o GSM				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal		
		#	%, '16	%, '15		#	%, '16	%, '15		#	%, '16	%, '15		#	%, '16	%, '15
1	1,698	619	36.5%	38.9%	654	266	40.7%	42.9%	1,106	289	26.1%	28.9%	3,458	1,174	34.0%	36.2%
2	1,489	541	36.3%	37.5%	568	242	42.6%	41.4%	738	250	33.9%	33.7%	2,795	1,033	37.0%	37.1%
3	1,723	573	33.3%	32.0%	729	340	46.6%	49.7%	1,542	368	23.9%	30.6%	3,994	1,281	32.1%	34.6%
4	1,234	419	34.0%	35.9%	633	280	44.2%	47.4%	983	268	27.3%	27.8%	2,850	967	33.9%	36.2%
5	1,778	668	37.6%	39.7%	613	276	45.0%	44.8%	1,419	320	22.6%	28.3%	3,810	1,264	33.2%	36.8%
6	2,946	1,105	37.5%	40.2%	1,050	375	35.7%	45.7%	2,072	542	26.2%	31.9%	6,068	2,022	33.3%	38.0%
R 1-6	10,868	3,925	36.1%	37.6%	4,247	1,779	41.9%	45.5%	7,860	2,037	25.9%	30.4%	22,975	7,741	33.7%	36.6%
7	1,327	467	35.2%	38.3%	685	326	47.6%	48.0%	841	220	26.2%	29.8%	2,853	1,013	35.5%	37.9%
8	6,271	1,928	30.7%	34.3%	4,527	2,031	44.9%	47.9%	5,752	1,236	21.5%	23.7%	16,550	5,195	31.4%	34.2%
9	1,853	428	23.1%	25.8%	475	192	40.4%	36.4%	4,272	851	19.9%	18.5%	6,600	1,471	22.3%	22.2%
10	10,135	2,894	28.6%	31.5%	7,497	2,374	31.7%	28.4%	21,801	3,908	17.9%	15.7%	39,433	9,176	23.3%	22.4%
R 7-10	19,586	5,717	29.2%	32.3%	13,184	4,923	37.3%	35.6%	32,666	6,215	19.0%	17.8%	65,436	16,855	25.8%	26.1%
TOTAL	30,454	9,642	31.7%	34.2%	17,431	6,702	38.4%	38.0%	40,526	8,252	20.4%	20.4%	88,411	24,596	27.8%	28.9%



Recruitment Update

Overall recruitment ended the year ahead by +10.9% over 2015. It had been as high as +12.3% in May following year-long gains in the higher grade sector. In August we saw record student recruitment – the highest since 2009 - which may be due to the IEEEExtreme registration opening. Higher grade recruitment in August was also the highest since 2013. We will begin the 2017 membership year with a larger membership base, due in whole to this growth in recruitment (and reinstatement, to a smaller degree). Here is how each of the three categories impacted the overall result:

- **Undergraduate recruitment** positive +5.0%, improved from +4.5% last month
 - Last year at this time: undergraduate recruitment was up +1.7%
- **Graduate student recruitment** is ahead by +3.7%, was +2.3% in July
 - Last year at this time: graduate student recruitment was down -6.9%
- **Higher Grade recruitment** ahead by +34.8%, continues to level off, was +39.2% last month
 - Main drivers: Significant gains from direct outreach campaigns in the US regions; Hong Kong Section in Region 10, and several Sections in India.
 - Last year at this time: higher grade recruitment was down -11.8%.
 - US HG remains positive, grew to +2.0% from +1.0% last month

➔ 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 - September through August 2016

REGION	HIGHER GRADE w/o GSMs				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	2016	2015	Change		2016	2015	Change		2016	2015	Change		2016	2015	Change	
			#	%			#	%			#	%			#	%
1	1,028	1,045	(17)	-1.6%	837	837	0	0.0%	1,766	1,668	98	5.9%	3,631	3,550	81	2.3%
2	864	891	(27)	-3.0%	729	770	(41)	-5.3%	1,255	1,209	46	3.8%	2,848	2,870	(22)	-0.8%
3	992	925	67	7.2%	942	929	13	1.4%	2,015	2,255	(240)	-10.6%	3,949	4,109	(160)	-3.9%
4	767	683	84	12.3%	864	806	58	7.2%	1,247	1,417	(170)	-12.0%	2,878	2,906	(28)	-1.0%
5	1,129	1,075	54	5.0%	801	792	9	1.1%	1,675	2,042	(367)	-18.0%	3,605	3,909	(304)	-7.8%
6	2,061	2,089	(28)	-1.3%	1,280	1,287	(7)	-0.5%	2,492	2,765	(273)	-9.9%	5,833	6,141	(308)	-5.0%
R 1-6	6,841	6,708	133	2.0%	5,453	5,421	32	0.6%	10,450	11,356	(906)	-8.0%	22,744	23,485	(741)	-3.2%
7	843	862	(19)	-2.2%	804	870	(66)	-7.6%	975	1,140	(165)	-14.5%	2,622	2,872	(250)	-8.7%
8	3,698	3,856	(158)	-4.1%	5,390	5,278	112	2.1%	8,064	7,407	657	8.9%	17,152	16,541	611	3.7%
9	980	1,125	(145)	-12.9%	617	572	45	7.9%	4,509	4,920	(411)	-8.4%	6,106	6,617	(511)	-7.7%
10	12,559	5,931	6,628	111.8%	9,688	9,019	669	7.4%	27,906	24,607	3,299	13.4%	50,153	39,557	10,596	26.8%
R 7-10	18,080	11,774	6,306	53.6%	16,499	15,739	760	4.8%	41,454	38,074	3,380	8.9%	76,033	65,587	10,446	15.9%
TOTAL	24,921	18,482	6,439	34.8%	21,952	21,160	792	3.7%	51,904	49,430	2,474	5.0%	98,777	89,072	9,705	10.9%

IEEE-USA Recruitment Incentive



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, 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@ieee.org.

	2016 MY To Date	2015 MY Total	2014 MY Total	Program To Date
Referrals Submitted	1,094	941	1,240	3,275
Referrals Joined	475	224	397	1,096
% of Referrals Joined	43.4%	23.8%	32.0%	33.4%
# New US HG Members	377	168	295	840



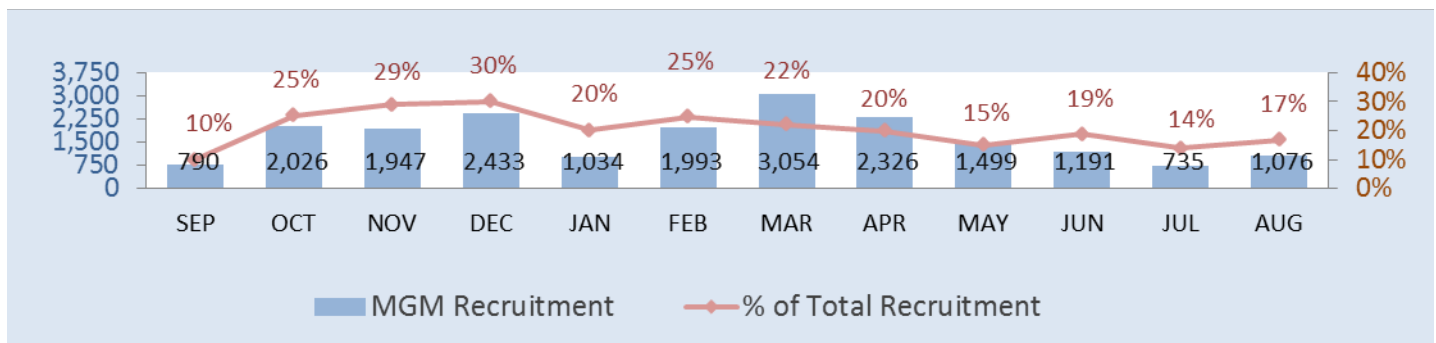


Recruiters of the Month – Member-Get-a-Member (MGM) Program

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.

Venkata Surya Shandilya Kambhampati	R10, Hyderabad Section	39 new members	Jairam Sankar	R10, Kerala Section	19 new members
Harsha Challa	R10, Hyderabad Section	31 new members	Nirmal Danial	R10, Kerala Section	18 new members
Anuj M Mohan	R10, Kerala Section	30 new members	Rahul Ramu	R10, Madras Section	16 new members
Sri Vidya Yellepeddi	R10, Hyderabad Section	24 new members	Kiran Chander	R10, Madras Section	15 new members
Aravind S	R10, Madras Section	23 new members	Md. Farshi	R10, Bangladesh Section	14 new members
Sathiya Kubendran	R10, Madras Section	23 new members	Kaushik Selvaraju	R10, Madras Section	14 new members
Bobby Chakravarthy Balakrishnan	R10, Madras Section	22 new members	Sridhar Amirneni	R10, Madras Section	12 new members
Dinesh Kumar Anguraj	R10, Madras Section	22 new members	B. Kedarnath Bilakanti	R10, Hyderabad Section	11 new members
Chamila Maddumage	R10, Sri Lanka Section	21 new members	Midhun Thomas	R10, Kerala Section	10 new members



2016 MGM Recruits YTD: 20,104 new members*

Same period last year: 17,204*

Year-over-year: +16.9%

**Eligible referrals under the program rules.*


Note on 2016 MGM Awards: MGM awards for the 2016 membership year (recruiting activity from 16 August 2015 to 15 August 2016) will be distributed the last week in September 2016. Awards will be distributed via e-mail to the address on the member’s record.

Did you know? Your local Section can also benefit by participation in the MGM program.

The top five recruiters in each IEEE geographic region will earn membership development awards for their Section to help underwrite the sections’ local programs and activities. In each region, five awards will be given to the recruiters’ section:

- First Place: US\$500
- Second Place: US\$400
- Third Place: US\$300
- Fourth Place: US\$200
- Fifth Place: US\$100

Overall IEEE award: The overall top recruiter in IEEE earns an additional US\$500 award for his/her Section. Additional rules apply to Section awards. See website for details.

Membership by Region	Aug '16	 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%)
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Geographic IEEE Membership Summary - August 2016																
REGION	Higher-Grade w/o GSM				Graduate Students				Undergraduate Students				TOTAL MEMBERS			
	2016	2015	Change		2016	2015	Change		2016	2015	Change		2016	2015	Change	
			#	%			#	%			#	%			#	%
1	26,823	27,799	(976)	-3.5%	1,402	1,501	(99)	-6.6%	1,569	1,537	32	2.1%	29,794	30,837	(1,043)	-3.4%
2	23,429	24,365	(936)	-3.8%	1,286	1,328	(42)	-3.2%	1,228	1,186	42	3.5%	25,943	26,879	(936)	-3.5%
3	23,006	23,313	(307)	-1.3%	1,687	1,699	(12)	-0.7%	1,958	2,212	(254)	-11.5%	26,651	27,224	(573)	-2.1%
4	16,844	17,335	(491)	-2.8%	1,441	1,441	0	0.0%	1,240	1,371	(131)	-9.6%	19,525	20,147	(622)	-3.1%
5	22,227	23,032	(805)	-3.5%	1,361	1,380	(19)	-1.4%	1,577	1,949	(372)	-19.1%	25,165	26,361	(1,196)	-4.5%
6	44,649	45,785	(1,136)	-2.5%	2,043	2,341	(298)	-12.7%	2,543	2,955	(412)	-13.9%	49,235	51,081	(1,846)	-3.6%
R 1-6	156,978	161,629	(4,651)	-2.9%	9,220	9,690	(470)	-4.9%	10,115	11,210	(1,095)	-9.8%	176,313	182,529	(6,216)	-3.4%
7	12,685	13,260	(575)	-4.3%	1,391	1,525	(134)	-8.8%	1,033	1,204	(171)	-14.2%	15,109	15,989	(880)	-5.5%
8	53,514	54,227	(713)	-1.3%	8,424	8,779	(355)	-4.0%	7,717	7,347	370	5.0%	69,655	70,353	(698)	-1.0%
9	9,300	10,056	(756)	-7.5%	1,016	1,005	11	1.1%	5,270	5,355	(85)	-1.6%	15,586	16,416	(830)	-5.1%
10	67,507	60,664	6,843	11.3%	12,745	11,519	1,226	10.6%	29,623	25,702	3,921	15.3%	109,875	97,885	11,990	12.2%
R 7-10	143,006	138,207	4,799	3.5%	23,576	22,828	748	3.3%	43,643	39,608	4,035	10.2%	210,225	200,643	9,582	4.8%
TOTAL	299,984	299,836	148	0.0%	32,796	32,518	278	0.9%	53,758	50,818	2,940	5.8%	386,538	383,172	3,366	0.9%

- Overall membership ended the year ahead +0.9% YoY
 - Third month in a row positive, before then not since January 2014
 - Main drivers: Continued strong recruitment growth, all grades; strong reinstatement activity; last minute renewals
 - Last year ended down -1.8%
- Higher-grade membership is flat YoY, leveled off its gain 2 months in a row
 - Main driver: R10 HG recruitment gains leveled off; other Regions remain fairly unchanged
 - Last year overall HG was -1.5%
- GSM was in decline, but ended the year positive; from -2.1% to +0.9% YoY
 - Main driver: R8,9,10 improvements
 - Last year this time was -5.3%
- STU membership up +5.8% YoY, positive and growing four months in a row
 - Last year this time was -1.4%

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 August 2016																				
SOCIETY / DIVISION	IEEE Higher Grade Members (including GSMs)		Change		IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change	
	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%
IEEE Societies																				
DIVISION I																				
Circuits & Systems	9,359	8,993	366	4.1%	385	384	1	0.3%	45	38	7	18.4%	9,789	9,415	374	4.0%	9,744	9,377	367	3.9%
Electron Devices	9,532	9,385	147	1.6%	312	318	-6	-1.9%	45	45	0	0.0%	9,889	9,748	141	1.4%	9,844	9,703	141	1.5%
Solid-State Circuits	9,306	9,138	168	1.8%	253	149	104	69.8%	93	101	-8	-7.9%	9,652	9,388	264	2.8%	9,559	9,287	272	2.9%
Div I Subtotal	28,197	27,516	681	2.5%	950	851	99	11.6%	183	184	-1	-0.5%	29,330	28,551	779	2.7%	29,147	28,367	780	2.7%
DIVISION II																				
Components, Packaging & Mfg Tech	2,303	2,365	-62	-2.6%	25	44	-19	-43.2%	27	24	3	12.5%	2,355	2,433	-78	-3.2%	2,328	2,409	-81	-3.4%
Dielectrics & Electrical Insulation	2,028	2,049	-21	-1.0%	22	12	10	83.3%	29	26	3	11.5%	2,079	2,087	-8	-0.4%	2,050	2,061	-11	-0.5%
Industry Applications	10,692	10,916	-224	-2.1%	2,076	1,372	704	51.3%	44	42	2	4.8%	12,812	12,330	482	3.9%	12,768	12,288	480	3.9%
Instrumentation & Measurements	3,615	3,823	-208	-5.4%	80	67	13	19.4%	16	12	4	33.3%	3,711	3,902	-191	-4.9%	3,695	3,890	-195	-5.0%
Power Electronics	7,524	7,272	252	3.5%	546	257	289	112.5%	21	27	-6	-22.2%	8,091	7,556	535	7.1%	8,070	7,529	541	7.2%
Ultrasonics, Ferroelectrics, Freq Ctrl	2,173	2,100	73	3.5%	63	41	22	53.7%	43	38	5	13.2%	2,279	2,179	100	4.6%	2,236	2,141	95	4.4%
Div II Subtotal	28,335	28,525	-190	-0.7%	2,812	1,793	1,019	56.8%	180	169	11	6.5%	31,327	30,487	840	2.8%	31,147	30,318	829	2.7%
DIVISION III																				
Communications	27,397	28,871	-1,474	-5.1%	733	742	-9	-1.2%	390	1,056	-666	-63.1%	28,520	30,669	-2,149	-7.0%	28,130	29,613	-1,483	-5.0%
DIVISION IV																				
Antennas & Propagation	8,124	8,205	-81	-1.0%	184	217	-33	-15.2%	55	43	12	27.9%	8,363	8,465	-102	-1.2%	8,308	8,422	-114	-1.4%
Broadcast Technology	1,573	1,579	-6	-0.4%	45	38	7	18.4%	20	20	0	0.0%	1,638	1,637	1	0.1%	1,618	1,617	1	0.1%
Consumer Electronics	2,744	2,991	-247	-8.3%	126	112	14	12.5%	17	21	-4	-19.0%	2,887	3,124	-237	-7.6%	2,870	3,103	-233	-7.5%
Electromagnetic Compatibility	3,653	3,754	-101	-2.7%	32	41	-9	-22.0%	38	31	7	22.6%	3,723	3,826	-103	-2.7%	3,685	3,795	-110	-2.9%
Magnetics	2,753	2,883	-130	-4.5%	42	56	-14	-25.0%	64	81	-17	-21.0%	2,859	3,020	-161	-5.3%	2,795	2,939	-144	-4.9%
Microwave Theory & Techniques	10,415	10,665	-250	-2.3%	247	229	18	7.9%	28	34	-6	-17.6%	10,690	10,928	-238	-2.2%	10,662	10,894	-232	-2.1%
Nuclear & Plasma Sciences	2,737	2,754	-17	-0.6%	69	48	21	43.8%	41	41	0	0.0%	2,847	2,843	4	0.1%	2,806	2,802	4	0.1%
Div IV Subtotal	31,999	32,831	-832	-2.5%	745	741	4	0.5%	263	271	-8	-3.0%	33,007	33,843	-836	-2.5%	32,744	33,572	-828	-2.5%
DIVISION V/VIII																				
Computer	43,621	42,129	1,492	3.5%	3,407	2,499	908	36.3%	7,295	8,185	-890	-10.9%	54,323	52,813	1,510	2.9%	47,028	44,628	2,400	5.4%

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

IEEE Society Membership Totals as of August 2016																				
SOCIETY / DIVISION	IEEE Higher Grade Members (including GSMs)		Change		IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change	
	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%
IEEE Societies	2016	2015			2016	2015			2016	2015			2016	2015			2016	2015		
DIVISION VI																				
Education	3,104	3,195	-91	-2.8%	57	63	-6	-9.5%	34	37	-3	-8.1%	3,195	3,295	-100	-3.0%	3,161	3,258	-97	-3.0%
Industrial Electronics	6,303	5,963	340	5.7%	233	202	31	15.3%	28	25	3	12.0%	6,564	6,190	374	6.0%	6,536	6,165	371	6.0%
Product Safety Engineering	755	794	-39	-4.9%	29	3	26	866.7%	13	11	2	18.2%	797	808	-11	-1.4%	784	797	-13	-1.6%
Professional Communication	616	669	-53	-7.9%	15	12	3	25.0%	48	47	1	2.1%	679	728	-49	-6.7%	631	681	-50	-7.3%
Reliability	1,607	1,714	-107	-6.2%	9	20	-11	-55.0%	18	24	-6	-25.0%	1,634	1,758	-124	-7.1%	1,616	1,734	-118	-6.8%
Social Implications of Technology	1,410	1,363	47	3.4%	62	19	43	226.3%	17	11	6	54.5%	1,489	1,393	96	6.9%	1,472	1,382	90	6.5%
Technology and Engineering Mgmt	2,713	2,732	-19	-0.7%	60	53	7	13.2%	32	28	4	14.3%	2,805	2,813	-8	-0.3%	2,773	2,785	-12	-0.4%
Div VI Subtotal	16,508	16,430	78	0.5%	465	372	93	25.0%	190	183	7	3.8%	17,163	16,985	178	1.0%	16,973	16,802	171	1.0%
DIVISION VII																				
Power & Energy	29,302	28,834	468	1.6%	3,985	3,494	491	14.1%	370	300	70	23.3%	33,657	32,628	1,029	3.2%	33,287	32,328	959	3.0%
DIVISION IX																				
Aerospace & Electronic Systems	4,264	4,352	-88	-2.0%	179	198	-19	-9.6%	23	22	1	4.5%	4,466	4,572	-106	-2.3%	4,443	4,550	-107	-2.4%
Geoscience & Remote Sensing	3,234	3,243	-9	-0.3%	88	87	1	1.1%	164	198	-34	-17.2%	3,486	3,528	-42	-1.2%	3,322	3,330	-8	-0.2%
Information Theory	3,066	3,207	-141	-4.4%	66	63	3	4.8%	26	28	-2	-7.1%	3,158	3,298	-140	-4.2%	3,132	3,270	-138	-4.2%
Intelligent Transportation Systems	1,416	1,410	6	0.4%	30	22	8	36.4%	18	25	-7	-28.0%	1,464	1,457	7	0.5%	1,446	1,432	14	1.0%
Oceanic Engineering	1,664	1,723	-59	-3.4%	49	38	11	28.9%	26	23	3	13.0%	1,739	1,784	-45	-2.5%	1,713	1,761	-48	-2.7%
Signal Processing	15,754	17,144	-1,390	-8.1%	849	1,481	-632	-42.7%	149	154	-5	-3.2%	16,752	18,779	-2,027	-10.8%	16,603	18,625	-2,022	-10.9%
Vehicular Technology	4,032	3,999	33	0.8%	86	97	-11	-11.3%	18	30	-12	-40.0%	4,136	4,126	10	0.2%	4,118	4,096	22	0.5%
Div IX Subtotal	33,430	35,078	-1,648	-4.7%	1,347	1,986	-639	-32.2%	424	480	-56	-11.7%	35,201	37,544	-2,343	-6.2%	34,777	37,064	-2,287	-6.2%
DIVISION X																				
Computational Intelligence	5,995	6,563	-568	-8.7%	314	628	-314	-50.0%	75	72	3	4.2%	6,384	7,263	-879	-12.1%	6,309	7,191	-882	-12.3%
Control Systems	8,189	8,545	-356	-4.2%	210	225	-15	-6.7%	73	72	1	1.4%	8,472	8,842	-370	-4.2%	8,399	8,770	-371	-4.2%
Engineering in Medicine & Biology	8,700	8,767	-67	-0.8%	880	985	-105	-10.7%	641	495	146	29.5%	10,221	10,247	-26	-0.3%	9,580	9,752	-172	-1.8%
Photonics	5,877	5,679	198	3.5%	84	91	-7	-7.7%	175	141	34	24.1%	6,136	5,911	225	3.8%	5,961	5,770	191	3.3%
Robotics & Automation	10,654	10,354	300	2.9%	2,084	1,685	399	23.7%	127	111	16	14.4%	12,865	12,150	715	5.9%	12,738	12,039	699	5.8%
Systems, Man & Cybernetics	4,135	4,157	-22	-0.5%	98	159	-61	-38.4%	38	38	0	0.0%	4,271	4,354	-83	-1.9%	4,233	4,316	-83	-1.9%
Div X Subtotal	43,550	44,065	-515	-1.2%	3,670	3,773	-103	-2.7%	1,129	929	200	21.5%	48,349	48,767	-418	-0.9%	47,220	47,838	-618	-1.3%
TOTAL	282,339	284,279	-1,940	-0.7%	18,114	16,251	1,863	11.5%	10,424	11,757	-1,333	-11.3%	310,877	312,287	-1,410	-0.5%	300,453	300,530	-77	0.0%



Women in Engineering (WIE)					Aug '16				
Grade	This Month '16	This Month '15	Year-over-Year		Region	This Month '16	This Month '15	Year-over-Year	
			#	%				#	%
Fellow	100	95	5	5.3%	U.S.	3,053	3,094	(41)	-1.3%
Senior Member	710	622	88	14.1%	Canada	381	348	33	9.5%
Member	4465	4121	344	8.3%	Europe, Middle East, Africa	2,607	2,404	203	8.4%
Associate Member	137	158	(21)	-13.3%	Latin America	2,320	2,233	87	3.9%
Graduate Student	1696	1489	207	13.9%	Asia & Pacific	8,418	6,256	2,162	34.6%
Student	9671	7850	1,821	23.2%	Total	16,779	14,335	2,444	17.0%
Total	16,779	14,335	2,444	17.0%					

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				Aug '16					
Grade	This Month '16	This Month '15	Year-over-Year		Grade	This Month '16	This Month '15	Year-over-Year	
			#	%				#	%
Student	37	40	(3)	-7.5%	Student	37	40	(3)	-7.5%
Higher-Grade	6,153	6,137	16	0.3%	Higher-Grade	6,153	6,137	16	0.3%
Affiliate	59	63	(4)	-6.3%	Affiliate	59	63	(4)	-6.3%
Total	6,249	6,240	9	0.1%	Total	6,249	6,240	9	0.1%

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 Professional Membership - August 2016									
Region	Higher Grade w/o GSM			Students			Total		
	2016	2015	% Change	2016	2015	% Change	2016	2015	% Change
1	4,146	4,464	-7.1%	1,331	1,496	-11.0%	5,477	5,960	-8.1%
2	3,547	4,063	-12.7%	1,223	1,330	-8.0%	4,770	5,394	-11.6%
3	4,170	4,643	-10.2%	1,581	1,701	-7.1%	5,751	6,344	-9.3%
4	3,360	3,736	-10.1%	1,366	1,434	-4.7%	4,726	5,170	-8.6%
5	4,136	4,789	-13.6%	1,285	1,381	-7.0%	5,421	6,170	-12.1%
6	7,557	8,340	-9.4%	1,947	2,357	-17.4%	9,504	10,699	-11.2%
R 1-6	26,916	30,035	-10.4%	8,733	9,699	-10.0%	35,649	39,737	-10.3%
7	3,267	3,760	-13.1%	1,318	1,515	-13.0%	4,585	5,276	-13.1%
8	16,946	18,532	-8.6%	8,010	8,903	-10.0%	24,956	27,435	-9.0%
9	3,421	4,067	-15.9%	941	1,174	-19.8%	4,362	5,243	-16.8%
10	19,646	20,758	-5.4%	12,190	11,982	1.7%	31,836	32,740	-2.8%
R 7-10	43,280	47,117	-8.1%	22,459	23,574	-4.7%	65,739	70,694	-7.0%
TOTAL	70,196	77,152	-9.0%	31,192	33,273	-6.3%	101,388	110,431	-8.2%



ETA KAPPA NU
Electrical and Computer Engineering Honor Society

Active IEEE Members that belong to Eta Kappa Nu:

Geographic IEEE HKN Membership - August 2016									
Region	Higher Grade w/o GSM			Students			Total		
	2016	2015	% Change	2016	2015	% Change	2016	2015	% Change
1	1,266	1,209	4.7%	308	208	48.1%	1,574	1,418	11.0%
2	1,200	1,175	2.1%	251	135	85.9%	1,451	1,313	10.5%
3	1,269	1,184	7.2%	337	287	17.4%	1,606	1,471	9.2%
4	921	895	2.9%	365	297	22.9%	1,286	1,192	7.9%
5	1,306	1,252	4.3%	347	228	52.2%	1,653	1,480	11.7%
6	1,620	1,530	5.9%	402	404	-0.5%	2,022	1,935	4.5%
R 1-6	7,582	7,245	4.7%	2,010	1,559	28.9%	9,592	8,809	8.9%
7	37	36	2.8%	5	11	-54.5%	42	47	-10.6%
8	82	77	6.5%	23	9	155.6%	105	86	22.1%
9	59	59	0.0%	46	56	-17.9%	105	115	-8.7%
10	126	100	26.0%	45	35	28.6%	171	135	26.7%
R 7-10	304	272	11.8%	119	111	7.2%	423	383	10.4%
TOTAL	7,886	7,517	4.9%	2,129	1,670	27.5%	10,015	9,192	9.0%