MD Monthly—JULY 2017

Membership Development Report

This report is issued monthly on behalf of the IEEE Member & Geographic Activities Board. Source data is IEEE membership statistics.

Contact: Elyn Perez, <u>elyn.perez@ieee.org</u>

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Monthly Snapshot		YoY Vari	ance	Jul '17	Jul '16	Jun '17	Jul '17 vs. Jun '17			
IEEE Membership	•	-5,643	-1.5%	372,136	377,779	363,725	+2.3%			
Honorary	V	-2	-6.3%	30	32	30	0.0%			
Fellow	\land	119	+1.6%	7,487	7,368	7,479	+0.1%			
Senior Member		1,280	+3.3%	40,399	39,119	40,320	+0.2%			
Member	V	-10,076	-4.4%	219,650	229,726	217,072	+1.2%			
Associate Member	V	-1,065	-15.2%	5,964	7,029	5,901	+1.1%			
Graduate Student	V	-310	-0.8%	38,839	39,149	36,589	+6.1%			
Undergraduate Student	\land	4,411	+8.0%	59,767	55,356	56,334	+6.1%			
Society Membership	•	-4,454	-1.5%	291,384	295,838	286,944	+1.5%			
15 Societies up > 1%		5,761	Societies Note	e: Sum of respectiv	e gains and loss	es with all counts	excluding Affilia			
4 Societies +/- 1%		32	ates. Including	g Affiliates, total So						
20 Societies down > 1%	V	-10,247	-5,482 or -1.8%.							

MD Channel		July—Membership Year to Date													
	'17	'16	'15	'14		'17	'16	'15	'14						
	68.5%	69.6%	70.2%	70.4%	Descritores	00.444	00.070	00 505	00.000						
Retention	264,179	265,262	272,816	276,955	Recruitment	88,141	92,373	83,565	86,232						
Higher-Grade	77.8%	78.9%	79.5%	80.3%	Deinetetement	40.000	10.040	10 171	47 550						
	230,292	232,678	238,072	239,519	Reinstatement	18,998	19,049	18,171	17,558						
STU/GSM	37.8%	37.7%	39.0%	39.4%	Recovery	26 4 6 9	22.806	29.242	24 401						
	33,887	32,583	34,744	37,436	(subset of Retention)	26,168	23,806	28,243	24,401						

MD Calendar	Recruitment Activities	Retention Activities
September	New Membership Year Underway – New members joining after 16 August are joining for the 2018 mem- bership year and receive benefits through 31 December 2018. Promote: Get 16 months for the price of 12.	2018 Renewal Begins – Members can renew online anytime after 5 September. E-mail outreach- es commence the last week in September, includ- ing distribution of Member-Get-a-Member awards.
October	 Promote: New members joining in October get 15 months for the price of 12. Events: IEEE Day—3 October IEEEXtreme Programming Competition—14 October 	First-Year Members – Member retention begins the day after a new member joins IEEE, and re- ceives a personal greeting from like-minded mem- bers and Volunteers. Don't forget to make use of the new member rosters, available to Section and MD officers monthly. Visit <u>www.ieee.org/start</u>





July MD Highlights

IEEE Membership

Overall IEEE membership is down from last year by 1.5%, or -5,643 members. This however represents an improvement which we first saw occur last month as we overcame the large year-over-year higher grade recruitment declines. (In June we saw the membership decline decrease by a full percentage point to -1.8%.) Undergraduate and graduate student recruitment <u>and</u> retention remain strong and both categories are growing, while the higher grade membership deficits are slowly subsiding.

We will end the membership year in August with a smaller base of members, however we do expect the deficit to be even less after the final month in the membership year concludes. 2017 MD Goals Summary

- ⇒ 125 Sections have met their retention goals
- ⇒ 96 Sections have met their recruitment goals
- ⇒ 45 Sections have met both recruitment and retention goals

More detail, pages 3-5.

2018 Membership Development kits started shipping in early August. It is time to replace and recycle your older materials.

Recruitment

For the second month we are continuing to see the decline in year-over-year recruitment subside. The year-over-year comparisons are very bleak due to record higher grade recruitment in Region 10 last year, and we are now returning to typical levels. In looking at the longer term trend (see chart, page 1) we also see that recruitment is ahead of previous years, further supporting the anomaly of last year. In looking at the higher grade decline, the number we were ahead last year is almost exactly the same we are behind this year. Student recruitment remains very strong, in fact in Region 10 the number of new students recruited for the entire year doubled in a single month. It was the second highest student recruitment month on record.

See more detail on recruitment, page 8.

Retention

Renewal activity is winding down as we near the end of the membership year, however for the second month we saw above average arrears recovery activity. This year remains the second highest result on record (see chart, page 1). Retention remains behind, but the retention gap held steady at -0.9%. Last month we saw the first big improvement in what has been year-long deficits. Specifically, undergraduate retention, both first-year and overall, are ahead of last year.

The bright spot is (and has been) first-year member retention, which is the highest it has ever been at this point in the year. Typically, first –year member retention has declined at a much higher rate, but that is not the case this year. It is actually positive and so not a factor in the overall retention decline. Further refining the forecast for arrears recovery, trending is pointing toward a final arrears recovery total of about 27,000 members. This will be a higher raw count than years past, but it will not result in a higher retention rate. We will end the membership year with a lower number of members due to declining retention as well as recruitment.

See more detail on retention, page 7.

Communicate the value of membership. In advance of the 2018 renewal season, take time to remind your members about the value they get from being a member in your Section. There are many ideas that are easy to implement. Need help or ideas? Contact elyn.perez@ieee.org, or visit the MD portal, www.ieee.org/md.

Society Membership

Overall Society memberships are also down year-over-year by -1.5% following -1.4% last month. We are seeing the same trend here of declines leveling off for the same reasons noted above. The top Societies in terms of percentage growth thus far in the 2017 membership year are Systems, Man & Cybernetics (+13.8%), Intelligent Transportation Systems (+10.8%), and Power & Energy (+7.6%). It is interesting to note these Societies growth rates continue to expand at what is typically a slower growth period in the membership cycle.

Society membership details are on page 11.





Photo Contest Returns!

ieee-into-focus.org

www.ieee.org/md





Membership Development Goals



Takako Hashimoto takako@cuc.ac.jp 2017 MRRC Chair



Membership Development goals are created for each individual Section for both recruitment and retention. On page 6 are the Section goals rolled up to the Region level for each channel. In this report, we will track progress to goal on the Region-level. You will find the Section levels goals and progress in your monthly Region MD report.

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

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

For a complete listing of Section goals, go to the MD portal, www.ieee.org/md.

Congratulations to these 45 Sections for earning meeting both recruitment and retention goals fo

- **R1** Berkshire Section **R1** Springfield Section **R1** New Hampshire Section **R1** Schenectady Section R2 Delaware Bay Section R2 Central Pennsylvania Section **R3** Savannah Section **R4** Fort Wayne Section **R4** Northeast Michigan Section **R4** Iowa-Illinois Section **R5** Corpus Christi Section R6 Spokane Section R6 Eastern Idaho Section F R6 Central Coast Section F R6 Metropolitan Los Angeles Section F **R6** Palouse Section F **R7** South Saskatchewan Section F **R7** Montreal Section F **R8** Iceland Section F **R8** Jordan Section R1 **R8** Latvia Section Snangnal Sectio R10 Kerala Section
- **R8** Finland Section
- **R8** Belarus Section

Section Recognition Awards

Each Section that meets their goal receives a special recognition in the form of an electronic banner that can be placed on Section websites, in newsletters, and even in email 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. www.ieee.org/md

ng th or 20	e gold medal of recognition for
01 20	,,,,
R8	Iraq Section
R8	Bosnia And Herzegovina Section
R8	Russia (Siberia) Section
R9	El Salvador Section
R9	Queretaro Section
R9	Panama Section
R9	Bahia Section
R9	Venezuela Section
R9	Rio De Janeiro Section
R9	South Brazil Section
R9	Costa Rica Section
R9	Paraguay Section
R9	Puebla Section
R10	Bombay Section
R10	Changwon Section
R10	Harbin Section
R10	Australian Capital Terr Section
R10	New Zealand South Section
R10	New South Wales Section
R10	Gujarat Section
R10	Shanghai Section



2017 Retention Goals - Section Recognition

R5

Beaumont Section

Baton Rouge Section

High Plains Section

Fort Worth Section

Panhandle Section

Dallas Section

New Orleans Section

Central Texas Section

Corpus Christi Section 竺

El Paso Section





Congratulations to these 125 Sections for achieving their 2017 retention goal! Eight more Sections joined the list this month.

- R8 Qatar Section
 Oman Section
 Egypt Section
 Switzerland Section
 France Section
 Russia (Siberia) Section
 South Africa Section
 Benelux Section
 Cyprus Section
- **R9** Centro Occidente Section El Salvador Section Veracruz Section Trinidad And Tobago Section Aguascalientes Section Queretaro Section Panama Section (Bahia Section Venezuela Section **Rio De Janeiro Section** South Brazil Section Costa Rica Section Paraguay Section Minas Gerais Section Puebla Section

R10 Uttar Pradesh Section
Bombay Section
Changwon Section
Taegu Section
Taegu Section
Harbin Section
Australian Capital Terr Section
New Zealand North Section
Islamabad Section
Shin-Etsu Section
Shin-Etsu Section
Gujarat Section
Shanghai Section
Kerala Section

 Retention Goal

 R1
 Berkshire Section

 Binghamton Section
 Binghamton Section

 Worcester County Section
 Springfield Section

 New Hampshire Section
 Boston Section

 New Jersey Coast Section
 Long Island Section

 Syracuse Section
 Schenectady Section

Sections That Already Met Their 2017

R2 Youngstown Section Delaware Bay Section Cleveland Section Central Pennsylvania Section

R3 Columbia Section **Tallahassee Area Section** Miami Section Orlando Section Chattanooga Section Broward Section Coastal South Carolina Section Lexington Section Memphis Section Winston-Salem Section Savannah Section 🐑 Palm Beach Section Alabama Section Huntsville Section Daytona Section Atlanta Section Jacksonville Section Florida West Coast Section

R4 Fort Wayne Section Missouri Slope Section Central Indiana Section Northeast Michigan Section Twin Cities Section Madison Section Red River Valley Section Southern Minnesota Section Iowa-Illinois Section Milwaukee Section

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

Denver Section R6 Fort Huachuca Section Spokane Section Eastern Idaho Section Central Coast Section Metropolitan Los Angeles Section Palouse Section Western Montana Section Santa Clara Vallev Section Alaska Section **Tucson Section Buenaventura Section** R7 **New Brunswick Section Kinaston Section** Ottawa Section Peterborough Section

 Quebec Section

 Winnipeg Section

 London Section

 South Saskatchewan Section

 Southern Alberta Section

 Toronto Section

 Victoria Section

 Montreal Section

 R8
 Iceland Section

 Jordan Section

 Malta Section

 Croatia Section

 Latvia Section

 Finland Section

 Belarus Section

 Portugal Section

 Iraq Section

 Bosnia And Herzegovina Section

 Bulgaria Section

www.ieee.org/md





2017 Recruitment Goals - Section Recognition







Below is a summary by Region showing the goal and progress to goal, as of the current month. With only one more month in the membership year, the <u>percent to goal benchmark (last column in charts below) is 91.6% or more.</u>

Retention	2017 Goal	2017 % Growth	2017 YTD	% to Goal	<u>125 Sections world-</u> wide have met or	Region	# of Sec- tions Met	% of Sections
R1	81.8%	0.7%	81.0%	99.0%	exceeded their re-	-	Goal	Sections
R2	83.5%	1.2%	81.6%	97.7%	tention goal!	1	10	45.5%
R3	79.1%	1.0%	77.9%	98.5%	The goals for reten-	2	4	20.0%
R4	79.8%	1.1%	78.9%	98.8%	tion growth are re- flective of the last	3	18	43.9%
R5	78.7%	1.4%	77.9%	98.9%	five years history,	4	10	43.5%
R6	81.0%	1.7%	79.4%	98.0%	and are rather ag-	5	11	42.3%
R7	75.7%	1.6%	75.3%	99.4%	gressive.	6	11	31.4%
R8	71.0%	1.8%	68.2%	96.1%		7	12	60.0%
R9	52.4%	1.7%	50.6%	96.6%		8	20	34.5%
R10	57.2%	1.9%	52.7%			9	15	42.9%
Total	71.6%	1.6%	68.5%			10 Total	14 125	23.7% 36.9%

Recruitment	2017 Goal	2017 % Growth	2017 YTD	% to Goal
R1	3,816	5.1%	3,178	83.3%
R2	2,998	5.3%	2,513	83.8%
R3	4,217	6.8%	3,464	82.1%
R4	3,086	7.2%	2,500	81.0%
R5	3,898	8.1%	3,126	80.2%
R6	6,218	6.6%	5,881	94.6%
R7	2,876	9.7%	2,415	84.0%
R8	17,240	0.5%	16,384	95.0%
R9	6,535	7.0%	6,385	97.7%
R10	45,545	-9.2%	42,295	92.9%
Total	96,429	-2.4%	88,141	91.4%

96 Sections have met or exceeded their recruitment	Region	# of Sec- tions Met Goal	% of Sections
<u>goal!</u>	1	6	27.3%
Goals are based on	2	4	20.0%
historical data so	3	9	22.0%
each Section is	4	3	13.0%
unique. This Section	5	3	11.5%
-level data is then	6	16	45.7%
rolled up to the Re-	7	4	20.0%
gion-level progress.	8	21	36.2%
	9	14	40.0%
	10	16	27.1%
	Total	96	28.3%

Reinstatement	2017 Goal	2017 % Growth	2017 YTD	% to Goal	
R1	1,302	5.0%	1,198	92.0%	
R2	1,159	5.0%	1,001	86.4%	
R3	1,334	5.0%	1,195	89.6%	
R4	914	5.0%	828	90.6%	
R5	1,256	5.0%	1,181	94.0%	
R6	2,570	5.0%	2,479	96.4%	
R7 📩	694	5.0%	815	117.4%	
R8	4,296	5.0%	3,909	91.0%	
R9 🗙	1,149	5.0%	1,205	104.9%	$\mathbf{\mathbf{A}}$
R10	5,329	5.0%	5,187	97.3%	
Total	20,001	5.0%	18,998	95.0%	

Congratulations Region 7 (Canada) and Region 9 (Latin America) for surpassing the reinstatement goal of 5%!

Former members are a ripe pool of candidates to outreach to. Following the service deactivation, all members that were in an arrears status from last year move to an inactive status, so each year that pool grows.

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

The goal is to grow reinstatement by 5%, which is the 4-year average historical growth rate.



Membership Retention Update

Renewal activity is winding down as we near the end of the membership year, however for the second month we saw above average activity. This year remains the second highest result on record. The retention gap held steady at -0.9%, but last month we saw the first big improvement in what has been year-long deficits. Specifically, undergraduate retention, both first-year and overall, are ahead of last year.

		<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>
Thru July	Cumulative Recovered	26,168	23,806	28,243	24,401	25,913	21,326	17,302
	% of Total Deactivated	17.9%	16.8%	20.1%	17.3%	18.7%	17.2%	15.2%

The bright spot is (and has been) first-year member retention, which is the highest it has ever been at this point in the year. Typically, first –year member retention has declined at a much higher rate, but that is not the case this year. It is actually positive and so not a factor in the overall retention decline. Further refining the forecast for arrears recovery, trending is pointing toward a final arrears recovery total of about 27,000 members. This will be a higher raw count than years past, but it will not result in a higher retention rate. We will end the membership year with a lower number of members due to declining retention as well as recruitment.

A special note on 2018 renewal: Auto-renewal for the 2018 membership year will occur in October. All members who are enrolled will receive an e-mail notification in September.

	IEEE Membership Renewal / Retention - July 2017															
55	HIGH	ER GRA	DE w/o	GSM	GR	ADUATE	STUDE	NTS	UNDERGRADUATE STUDENTS				T	OTAL ME		;
RE- GION	Oppor-		Renewal		Oppor-		Renewal		Oppor-		Renewal		Oppor-		Renewal	
CICIN	tunity	#	%, '17	%, '16	tunity	#	%, '17	%, '16	tunity	#	%, '17	%, '16	tunity	#	%, '17	%, '16
1	26,633	22,705	85.3%	85.0%	1,511	855	56.6%	56.7%	1,563	490	31.3%	33.6%	29,707	24,050	81.0%	81.0%
2	23,244	19,871	85.5%	85.2%	1,422	849	59.7%	60.8%	1,241	425	34.2%	43.7%	25,907	21,145	81.6%	82.2%
3	22,744	18,884	83.0%	83.1%	1,860	1,162	62.5%	66.5%	1,957	652	33.3%	33.4%	26,561	20,698	77.9%	78.0%
4	16,672	13,984	83.9%	83.3%	1,574	979	62.2%	63.8%	1,231	397	32.3%	33.5%	19,477	15,360	78.9%	78.5%
5	22,041	18,097	82.1%	82.0%	1,478	914	61.8%	63.1%	1,550	506	32.6%	30.3%	25,069	19,517	77.9%	77.2%
6	44,351	36,812	83.0%	83.3%	2,248	1,328	59.1%	56.4%	2,527	862	34.1%	33.0%	49,126	39,002	79.4%	79.1%
R 1-6	155,685	130,353	83.7%	83.7%	10,093	6,087	60.3%	60.9%	10,069	3,332	33.1%	33.9%	175,847	139,772	79.5%	79.4%
7	12,425	9,892	79.6%	78.7%	1,593	1,051	66.0%	65.1%	1,058	405	38.3%	36.6%	15,076	11,348	75.3%	74.0%
8	52,244	39,306	75.2%	75.8%	9,347	5,768	61.7%	61.6%	7,908	2,353	29.8%	29.4%	69,499	47,427	68.2%	68.9%
9	8,988	5,737	63.8%	61.8%	1,156	698	60.4%	61.4%	5,367	1,419	26.4%	27.2%	15,511	7,854	50.6%	50.2%
10	66,583	45,004	67.6%	71.7%	13,371	5,793	43.3%	45.8%	29,657	6,981	23.5%	18.6%	109,611	57,778	52.7%	54.4%
R 7-10	140,240	99,939	71.3%	73.3%	25,467	13,310	52.3%	54.1%	43,990	11,158	25.4%	22.4%	209,697	124,407	59.3%	60.7%
TOTAL	295,925	230,292	77.8%	78.9%	35,560	19,397	54.5%	56.1%	54,059	14,490	26.8%	24.8%	385,544	264,179	68.5%	69.6%

				First	t-Year	Memb	er Rer	newal /	Reten	tion -	July 2	:017				
55	HIGH	ER GRA	DE w/o	GSM	GR	ADUATE	STUDE	NTS	UNDER	GRADU	ATE STU	DENTS	T	OTAL MI	EMBERS	;
RE- GION	Oppor-		Renewal		Oppor-		Renewal		Oppor-		Renewal		Oppor-		Renewal	
GION	tunity	#	%, '17	%, '16	tunity	#	%, '17	%, '16	tunity	#	%, '17	%, '16	tunity	#	%, '17	%, '16
1	1,750	570	32.6%	36.2%	652	255	39.1%	40.1%	1,217	315	25.9%	26.0%	3,619	1,140	31.5%	33.7%
2	1,437	509	35.4%	35.9%	576	249	43.2%	42.2%	902	233	25.8%	33.8%	2,915	991	34.0%	36.6%
3	1,756	615	35.0%	32.8%	758	345	45.5%	47.1%	1,485	396	26.7%	23.9%	3,999	1,356	33.9%	31.9%
4	1,291	433	33.5%	33.7%	685	306	44.7%	44.1%	929	242	26.0%	26.7%	2,905	981	33.8%	33.5%
5	1,820	626	34.4%	37.1%	591	278	47.0%	46.2%	1,191	308	25.9%	22.3%	3,602	1,212	33.6%	33.0%
6	3,050	1,106	36.3%	37.2%	905	360	39.8%	35.2%	1,895	535	28.2%	25.8%	5,850	2,001	34.2%	33.0%
R 1-6	11,104	3,859	34.8%	35.8%	4,167	1,793	43.0%	41.8%	7,619	2,029	26.6%	25.7%	22,890	7,681	33.6%	33.4%
7	1,286	423	32.9%	34.8%	630	308	48.9%	48.1%	718	196	27.3%	25.7%	2,634	927	35.2%	35.3%
8	6,435	1,799	28.0%	30.4%	4,417	2,041	46.2%	44.8%	6,063	1,338	22.1%	21.2%	16,915	5,178	30.6%	31.1%
9	1,600	361	22.6%	22.7%	508	197	38.8%	41.1%	4,052	742	18.3%	19.7%	6,160	1,300	21.1%	22.0%
10	16,576	4,832	29.2%	27.8%	8,514	2,591	30.4%	31.3%	25,101	4,606	18.3%	15.7%	50,191	12,029	24.0%	21.8%
R 7-10	25,897	7,415	28.6%	28.6%	14,069	5,137	36.5%	37.1%	35,934	6,882	19.2%	17.4%	75,900	19,434	25.6%	24.8%
TOTAL	37,001	11,274	30.5%	31.2%	18,236	6,930	38.0%	38.3%	43,553	8,911	20.5%	19.0%	98,790	27,115	27.4%	27.0%





Membership Recruitment Update

For the second month we are continuing to see the decline in year-over-year recruitment subside, now down -4.8% from -5.5% last month. The year-over-year comparisons are very bleak due to record recruitment last year, and we are now returning to typical levels. In looking at the longer term trend (see chart, page 1) we also see that recruitment is ahead of previous years, further supporting the anomaly of last year. Here is how each of the three categories impacted the overall result this month:

- Undergraduate recruitment shows continued growth, ahead YoY +3.3%, from +2.0% last month
 - * Main drivers: Big uptick in Region 10 from last month-doubled their number of new members in one month
 - * Last year at this time: undergraduate recruitment was +4.5%
- Graduate student recruitment gains leveled off, from +2.5% to +2.1% this month
 - * Main drivers: A mix of larger % gains leveling off, while a smaller number improved
 - * Last year at this time: graduate student recruitment was +2.3%
- Higher Grade recruitment declines continue to shrink slowly, -28.2% last month to -26.8%
 - * We pushed past the record recruitment period of 2016; decline will continue to shrink but not disappear
 - * Four regions now positive including two Regions in the US
 - * Last year at this time: higher grade recruitment was +36.4%, or 6,257 HG members and now this year we are down (6,271) HG members.

	Cumulative Recruitment - Sept through July 2017															
REGION	HIGH	HER GRA	DE w/o G	SMs	GRADUATE STUDENTS UNDERGRADUATE STUDENTS							TOTAL M	EMBERS			
REGION	2017	2016	Cha	nge	2017	2016	Cha	Change		2016	Cha	inge	2017	2016	Cha	inge
			#	%			#	%			#	%			#	%
1	948	931	17	1.8%	777	792	(15)	-1.9%	1,453	1,693	(240)	-14.2%	3,178	3,416	(238)	-7.0%
2	744	816	(72)	-8.8%	721	690	31	4.5%	1,048	1,225	(177)	-14.4%	2,513	2,731	(218)	-8.0%
3	824	918	(94)	-10.2%	922	867	55	6.3%	1,718	1,934	(216)	-11.2%	3,464	3,719	(255)	-6.9%
4	615	704	(89)	-12.6%	754	802	(48)	-6.0%	1,131	1,202	(71)	-5.9%	2,500	2,708	(208)	-7.7%
5	901	1,046	(145)	-13.9%	783	751	32	4.3%	1,442	1,595	(153)	-9.6%	3,126	3,392	(266)	-7.8%
6	1,986	1,916	70	3.7%	1,101	1,217	(116)	-9.5%	2,794	2,389	405	17.0%	5,881	5,522	359	6.5%
R 1-6	6,018	6,331	(313)	-4.9%	5,058	5,119	(61)	-1.2%	9,586	10,038	(452)	-4.5%	20,662	21,488	(826)	-3.8%
7	708	768	(60)	-7.8%	765	752	13	1.7%	942	932	10	1.1%	2,415	2,452	(37)	-1.5%
8	3,515	3,399	116	3.4%	4,756	5,085	(329)	-6.5%	8,113	7,869	244	3.1%	16,384	16,353	31	0.2%
9	879	874	5	0.6%	675	576	99	17.2%	4,831	4,255	576	13.5%	6,385	5,705	680	11.9%
10	6,034	12,053	(6,019)	-49.9%	9,584	8,869	715	8.1%	26,677	25,453	1,224	4.8%	42,295	46,375	(4,080)	-8.8%
R 7-10	11,136	17,094	(5,958)	-34.9%	15,780	15,282	498	3.3%	40,563	38,509	2,054	5.3%	67,479	70,885	(3,406)	-4.8%
TOTAL	17,154	23,425	(6,271)	-26.8%	20,838	20,401	437	2.1%	50,149	48,547	1,602	3.3%	88,141	92,373	(4,232)	-4.6%



IEEE-USA Recruitment Incentive

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



Higher-grade members in the US are eligible to submit referrals through a special online form. An automated email invites the referral to join and offers a US\$25 discount on their first year (16 August - 28 February), or to join at the special half year dues rate (1 March – 15 August). For each successful new recruit, the referring

member can select an IEEE-USA branded merchandise item including a hat, cooler, backpack, golf balls, pen sets, portable charger, tablet case, umbrella and more.

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

Membership Year	2017 Total	2016 Total	2015 Total	2014 Total	Program To Date
Referrals Submitted	497	1,094	941	1,240	3,772
Referrals Joined	229	475	224	397	1,325
% of Referrals Joined	46.1%	43.4%	23.8%	32.0%	35.1%
# New US HG Members	142	377	168	295	982

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 <u>d.maestri@ieee.org</u>





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

Important Note: MGM awards for the 2017 membership year will be sent via e-mail in late September, to the member's primary e-mail address on record.

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

Ganaga Rajesh G	R10, Madras Section	172 new members
Aiswarya Baiju	R10, Kerala Section	108 new members
Sattar Bader Sadkhan	R8, Iraq Section	34 new members
Raghad Abuqalbain	R8, Jordan Section	30 new members
Deepak M H	R10, Bangalore Section	21 new members
Susan Vinoth	R10, Kerala Section	21 new members
Shubham Dubey	R10, Pune Section	19 new members
Diana Briceno Rodriguez	R9, Colombia Section	16 new members
Shubam Tondare	R10, Pune Section	14 new members
Sourav A	R10, Kerala Section	14 new members
Renjith Krishnan	R10, Kerala Section	14 new members
Deepak Charles Thayil	R10, Kerala Section	14 new members
Alin May Raju	R10, Kerala Section	14 new members
Sheik Mohamed Nishath M	R10, Kerala Section	14 new members
Balagopal Anoop	R10, Kerala Section	14 new members
Sreelakshmi V P	R10, Kerala Section	14 new members
Karthika Nair Satheesh	R10, Kerala Section	14 new members
Anju Mathew	R10, Kerala Section	14 new members
MD. Naimur Rahman	R10, Bangladesh Section	14 new members
Syed Harron Ali	R10, Hyderabad Section	14 new members
Fida Zahid	R10, Islamabad Section	14 new members
Akash P Dominic	R10, Kerala Section	13 new members
Aruna K A	R10, Kerala Section	13 new members
Niveditha George	R10, Kerala Section	10 new members

2017 MGM Recruits YTD: 19,456 new members*

Same period last year: 19,028* Year-over-year: +2.2%



Sections can earn awards for top recruiting activity. To learn more, go to <u>www.ieee.org/mgm</u> or contact Denise Maestri, <u>d.maestri@ieee.org</u>.





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

				Geog	raphic	: IEEE	Mem	oershi	p Sum	mary	- July	2017				
RE-	RE- Higher-Grade w/o GSM				Graduate Students				Undergraduate Students				TOTAL MEMBERS			
GION	2017	2016	Cha	nge	2017	2016	Cha	nge	2017	2016	Cha	nge	2017	2016	Change	
			#	%			#	%			#	%			#	%
1	25,376	26,225	(849)	-3.2%	1,535	1,611	(76)	-4.7%	1,487	1,669	(182)	-10.9%	28,398	29,505	(1,107)	-3.8%
2	21,975	22,844	(869)	-3.8%	1,393	1,520	(127)	-8.4%	1,135	1,409	(274)	-19.4%	24,503	25,773	(1,270)	-4.9%
3	21,601	22,054	(453)	-2.1%	1,993	2,052	(59)	-2.9%	1,894	2,216	(322)	-14.5%	25,488	26,322	(834)	-3.2%
4	15,720	16,250	(530)	-3.3%	1,612	1,681	(69)	-4.1%	1,269	1,353	(84)	-6.2%	18,601	19,284	(683)	-3.5%
5	20,662	21,497	(835)	-3.9%	1,606	1,618	(12)	-0.7%	1,558	1,763	(205)	-11.6%	23,826	24,878	(1,052)	-4.2%
6	42,705	43,455	(750)	-1.7%	2,372	2,475	(103)	-4.2%	2,810	2,780	30	1.1%	47,887	48,710	(823)	-1.7%
R 1-6	148,039	152,325	(4,286)	-2.8%	10,511	10,957	(446)	-4.1%	10,153	11,190	(1,037)	-9 .3%	168,703	174,472	(5,769)	-3.3%
7	11,583	11,892	(309)	-2.6%	1,829	1,869	(40)	-2.1%	1,164	1,103	61	5.5%	14,576	14,864	(288)	-1.9%
8	47,634	48,743	(1,109)	-2.3%	10,234	10,791	(557)	-5.2%	9,823	9,005	818	9.1%	67,691	68,539	(848)	-1.2%
9	7,819	7,989	(170)	-2.1%	1,384	1,288	96	7.5%	6,374	5,804	570	9.8%	15,577	15,081	496	3.3%
10	58,455	62,325	(3,870)	-6.2%	14,881	14,244	637	4.5%	32,253	28,254	3,999	14.2%	105,589	104,823	766	0.7%
R 7-10	125,491	130,949	(5,458)	-4.2%	28,328	28,192	136	0.5%	49,614	44,166	5,448	12.3%	203,433	203,307	126	0.1%
TOTAL	273,530	283,274	(9,744)	-3.4%	38,839	39,149	(310)	-0.8%	59,767	55,356	4,411	8.0%	372,136	377,779	(5,643)	-1.5%

Note: e-Members are included in the higher-grade counts of Regions 3, 8, 9, and 10. Life Members are included in Higher Grade counts.

- Overall membership is behind -1.5% YoY, improved from -1.8% last month
 - Main drivers: Strong renewal activity, strong STU/GSM recruitment, leveled off HG declines
 - Last year this time was +0.5%
- Higher-grade membership behind by -3.4%, was -3.5% last month
 - Region 10 HG has been the biggest factor, but we are now past the higher growth periods of last year and declines have leveled off
 - Last year overall HG was +0.3%
- **GSM grade** down –0.8% over last year, slight improvement from –1.1% last month
 - Last year this time was -2.1%
- STU membership is positive second month in a row, ahead of last year 8.0%; from +6.6% last month
 - Main driver: Strong, positive recruitment and renewal activity
 - Last year this time was +3.1%
 - IEEEXtreme Programming Competition impacts recruitment this time of year, as registration opens and continues through October







Society Memberships

	IEEE Society Membership Totals as of July 2017																			
SOCIETY / DIVISION	Men	her Grade nbers lg GSMs)		ange		itudent bers	Cha	ange		ciety iates	Ch	ange		y Totals ffiliates)	Cha	nge	Society (without	/ Totals affiliates)	Cha	nge
IEEE Societies	2017	2016	#	%	2017	2016	#	%	2017	2016	#	%	2017	2016	#	%	2017	2016	#	%
DIVISION I Circuits & Systems	8,711	9,241	-530	-5.7%	396	433	-37	-8.5%	44	44	0	0.0%	9,151	9,718	-567	-5.8%	9,107	9,674	-567	-5.9%
Electron Devices	9,214	9,337	-123	-1.3%	662	343	319	93.0%	42	42	0	0.0%	9,918	9,722	196	2.0%	9,876	9,680	196	2.0%
Solid-State Circuits	9,166	9,213	-47	-0.5%	195	266	-71	-26.7%	93	88	5	5.7%	9,454	9,567	-113	-1.2%	9,361	9,479	-118	-1.2%
Div I Subtotal DIVISION II	27,091	27,791	-700	-2.5%	1,253	1,042	211	20.2%	179	174	5	2.9%	28,523	29,007	-484	-1.7%	28,344	28,833	-489	-1.7%
Electronics Packaging	2,178	2,280	-102	-4.5%	70	32	38	118.8%	29	27	2	7.4%	2,277	2,339	-62	-2.7%	2,248	2,312	-64	-2.8%
Dielectrics & Electrical	1,881	2,002	-121	-6.0%	10	21	-11	-52.4%	25	29	-4	-13.8%	1,916	2,052	-136	-6.6%	1,891	2,023	-132	-6.5%
Insulation Industry Applications	10,410	10,333	77	0.7%	3.022	2.259	763	33.8%	43	42	1	2.4%	13,475	12,634	841	6.7%	13,432	12,592	840	6.7%
Instrumentation &	3,489	3,572	-83	-2.3%	91	90	1	1.1%	22	16	6	37.5%	3,602	3,678	-76	-2.1%	3,580	3,662	-82	-2.2%
Measurements Power Electronics		-							22				-	-					451	
Ultrasonics, Ferroelectrics,	7,639	7,341	298	4.1%	753	600	153	25.5%		20	9	45.0%	8,421	7,961	460	5.8%	8,392	7,941		5.7%
Freq Ctrl	2,111	2,113	-2	-0.1%	52	71	-19	-26.8%	40	40	0	0.0%	2,203	2,224	-21	-0.9%	2,163	2,184	-21	-1.0%
Div II Subtotal DIVISION III	27,708	27,641	67	0.2%	3,998	3,073	925	30.1%	188	174	14	8.0%	31,894	30,888	1,006	3.3%	31,706	30,714	992	3.2%
Communications	24,871	27,080	-2,209	-8.2%	831	761	70	9.2%	362	379	-17	-4.5%	26,064	28,220	-2,156	-7.6%	25,702	27,841	-2,139	-7.7%
DIVISION IV										-				,	-		,			
Antennas & Propagation	8,120	8,051	69	0.9%	222	217	5	2.3%	54	55	-1	-1.8%	8,396	8,323	73	0.9%	8,342	8,268	74	0.9%
Broadcast Technology Consumer Electronics	1,577 2,542	1,555 2,689	22 -147	1.4% -5.5%	79 95	43 125	36 -30	83.7% -24.0%	26 16	20 16	6 0	30.0% 0.0%	1,682 2,653	1,618 2,830	64 -177	4.0%	1,656 2.637	1,598 2,814	58 -177	3.6%
Electromagnetic	3,449	3,629	-147	-5.0%	50	38	-30	31.6%	38	38	0	0.0%	3,537	3,705	-168		3,499	3,667	-168	-4.6%
Compatibility		-									_		-	-		-4.5%				
Magnetics Microwave Theory &	2,618	2,721	-103	-3.8%	48	52	-4	-7.7%	68	62	6	9.7%	2,734	2,835	-101	-3.6%	2,666	2,773	-107	-3.9%
Techniques	10,106	10,328	-222	-2.1%	274	280	-6	-2.1%	28	27	1	3.7%	10,408	10,635	-227	-2.1%	10,380	10,608	-228	-2.1%
Nuclear & Plasma Sciences	2,742	2,678	64	2.4%	130	72	58	80.6%	40	40	0	0.0%	2,912	2,790	122	4.4%	2,872	2,750	122	4.4%
Div IV Subtotal	31,154	31,651	-497	-1.6%	898	827	71	8.6%	270	258	12	4.7%	32,322	32,736	-414	-1.3%	32,052	32,478	-426	-1.3%
DIVISION V/VIII																				
Computer DIVISION VI	37,855	42,921	-5,066	-11.8%	4,260	3,139	1,121	35.7%	6,491	7,231	-740	-10.2%	48,606	53,291	-4,685	-8.8%	42,115	46,060	-3,945	-8.6%
Education	3,025	3,065	-40	-1.3%	57	68	-11	-16.2%	41	32	9	28.1%	3,123	3,165	-42	-1.3%	3,082	3,133	-51	-1.6%
Industrial Electronics	6,282	6,181	101	1.6%	248	247	1	0.4%	28	28	0	0.0%	6,558	6,456	102	1.6%	6,530	6,428	102	1.6%
Product Safety Engineering	748	749	-1	-0.1%	23	29	-6	-20.7%	11	13	-2	-15.4%	782	791	-9	-1.1%	771	778	-7	-0.9%
Professional	608	612	-4	-0.7%	38	16	22	137.5%	52	46	6	13.0%	698	674	24	3.6%	646	628	18	2.9%
Communication Reliability	1,513	1,595	-82	-5.1%	63	12	51	425.0%	21	18	3	16.7%	1,597	1,625	-28	-1.7%	1,576	1,607	-31	-1.9%
Social Implications of	1,359	1,403	-44	-3.1%	88	64	24	37.5%	23	16	7	43.8%	1,470	1,483	-13	-0.9%	1,447	1,467	-20	-1.4%
Technology Technology and																				
Engineering Mgmt	2,662	2,683	-21	-0.8%	183	66	117	177.3%	34	29	5	17.2%	2,879	2,778	101	3.6%	2,845	2,749	96	3.5%
Div VI Subtotal DIVISION VII	16,197	16,288	-91	-0.6%	700	502	198	39.4%	210	182	28	15.4%	17,107	16,972	135	0.8%	16,897	16,790	107	0.6%
Power & Energy	28,891	28,502	389	1.4%	6,269	4,178	2,091	50.0%	388	359	29	8.1%	35,548	33,039	2,509	7.6%	35,160	32,680	2,480	7.6%
DIVISION IX	,	0			,				_	-			,	,			,	0		
Aerospace & Electronic Systems	4,242	4,226	16	0.4%	225	192	33	17.2%	20	21	-1	-4.8%	4,487	4,439	48	1.1%	4,467	4,418	49	1.1%
Geoscience & Remote	3,246	3,180	66	2.1%	160	103	57	55.3%	169	164	5	3.0%	3,575	3,447	128	3.7%	3,406	3,283	123	3.7%
Sensing Information Theory	2,901	3,038	-137	-4.5%	75	74	1	1.4%	27	26	1	3.8%	3,003	3,138	-135	-4.3%	2,976	3,112	-136	-4.4%
Intelligent Transportation																				
Systems	1,537	1,402	135	9.6%	48	28	20	71.4%	27	18	9	50.0%	1,612	1,448	164	11.3%	1,585	1,430	155	10.8%
Oceanic Engineering Signal Processing	1,568 14,668	1,640 15,505	-72 -837	-4.4% -5.4%	69 500	53 941	16 -441	30.2% -46.9%	32 169	24 149	8 20	33.3% 13.4%	1,669 15,337	1,717 16,595	-48 -1,258	-2.8%	1,637 15,168	1,693 16,446	-56 -1,278	-3.3% -7.8%
Vehicular Technology	4,111	3,986	125	3.1%	113	101	12	11.9%	21	145	5	31.3%	4,245	4,103	142	3.5%	4,224	4,087	137	3.4%
Div IX Subtotal	32,273	32,977	-704	-2.1%	1,190	1,492	-302	-20.2%	465	418	47	11.2%	33,928	34,887	-959	-2.7%	33,463	34,469	-1,006	-2.9%
DIVISION X	6.400	5 000	000	2.00/	540	240	404	40.400	74	74		0.00/	0.000	6.000	200	6.00/	0.040	0.000	200	0.001
Computational Intelligence Control Systems	6,108 7,937	5,880 8,023	228 -86	3.9% -1.1%	510 258	349 239	161 19	46.1% 7.9%	74 68	74 70	0 -2	0.0% -2.9%	6,692 8,263	6,303 8,332	389 -69	6.2% -0.8%	6,618 8,195	6,229 8,262	389 -67	6.2% -0.8%
Engineering in Medicine &	7,665	8,497	-832	-9.8%	1,018	959	59	6.2%	221	636	-415	-65.3%	8,904	10,092	-1,188	-11.8%	8,683	9,456	-773	-8.2%
Biology			-032	-9.0%	1,010	104	11	10.6%	162	168	-415		-		-1,100		-			
Photonics Robotics & Automation	5,398 10,083	5,563 10,034	-165 49	-3.0% 0.5%	2,148	2,165	-17	-0.8%	162	168	-6 14	-3.6% 11.6%	5,675 12,366	5,835 12,320	-160 46	-2.7% 0.4%	5,513 12,231	5,667 12,199	-154 32	-2.7% 0.3%
Systems, Man &	4,537	4,039	498	12.3%	168	121	47	38.8%	40	37	3	8.1%	4,745	4,197	548	13.1%	4,705	4,160	545	13.1%
Cybernetics Div X Subtotal	41,728	42,035	-308	-0.7%	4,217	3,937	280	7.1%	700	1,106	-406	-36.7%	46,645	47,079	-434	-0.9%	45,945	45,973	-28	-0.1%
Siv A Subtotal	41,720	42,030	-500	-0.170	4,217	3,331	200	1.170	100	1,100	400	-30.170	40,040	41,013	404	-0.376	43,345	43,313	-20	-0.170
TOTAL	267,768	276,887	-9,119	-3.3%	23,616	18,951	4,665	24.6%	9,253	10,281	-1,028	-10.0%	300,637	306,119	-5,482	-1.8%	291,384	295,838	-4,454	-1.5%





Special Interest Memberships



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.

Grade	This Month '17	This Month '16	YoY # Chg	YoY % Chg	
Fellow	111	100	11	11.0%	
Senior Member	766	712	54	7.6%	
Member	3,612	3,374	238	7.1%	
Associate Member	109	94	15	16.0%	
Graduate Student	2,169	2101	68	3.2%	
Student	11,911	9,849	2,062	20.9%	
Total	18,679	16,230	2,449	15.1%	

Region	This Month '17	This Month '16	YoY # Chg	YoY % Chg
U.S.	3,129	3,002	127	4.2%
Canada	392	367	25	6.8%
Europe, Middle East, Africa	3,044	2,557	487	19.0%
Latin America	2,437	2,181	256	11.7%
Asia Pacific	9,676	8,123	1,553	19.1%
Total	18,679	16,230	2,449	15.1%

IEEE STANDARDS ASSOCIATION

Grade	This Month '17	This Month '16	YoY # Chg	YoY % Chg
Student	47	40	7	17.5%
Higher Grade	6,341	6,092	249	4.1%
Affiliate	62	59	3	5.1%
SA Only Members	447	443	4	0.9%
Total	6,897	6,634	263	4.0%

IEEE Standards Association 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.



Special Interest Memberships



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.

		Geogra	aphic IEE	E Young	Profess	ionals - Ju	uly 2017			
Region	Highe	r Grade w	o GSM	Т	otal Stude	nts	Total			
	2017	2016		2017	2016		2017	2016		
	#	#	% Change	#	#	% Change	#	#	% Change	
1	3,359	3,676	-8.6%	1,466	1,528	-4.1%	4,825	5,204	-7.3%	
2	2,848	3,039	-6.3%	1,337	1,441	-7.2%	4,185	4,480	-6.6%	
3	3,146	3,383	-7.0%	1,908	1,902	0.3%	5,054	5,285	-4.4%	
4	2,601	2,862	-9.1%	1,529	1,590	-3.8%	4,130	4,452	-7.2%	
5	3,187	3,519	-9.4%	1,529	1,524	0.3%	4,716	5,043	-6.5%	
6	6,500	6,647	-2.2%	2,248	2,349	-4.3%	8,748	8,996	-2.8%	
R 1-6	21,641	23,126	-6.4%	10,017	10,334	-3.1%	31,658	33,460	-5.4%	
7	2,354	2,593	-9.2%	1,753	1,771	-1.0%	4,107	4,364	-5.9%	
8	11,600	12,827	-9.6%	10,038	10,198	-1.6%	21,638	23,027	-6.0%	
9	2,230	2,370	-5.9%	1,482	1,175	26.1%	3,712	3,545	4.7%	
10	14,580	15,250	-4.4%	15,031	13,486	11.5%	29,611	28,737	3.0%	
R 7-10	30,764	33,040	-6.9%	28,304	26,630	6.3%	59,068	59,673	-1.0%	
TOTAL	52,405	56,170	-6.7%	38,321	36,966	3.7%	90,726	93,139	-2.6%	



ETA KAPPA NU

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Region	Highe	r Grade w	/o GSM	Тс	otal Stude	nts	Total			
	2017	2016		2017	2016		2017	2016		
	#	#	% Change	#	#	% Change	#	#	% Change	
1	1,180	1,228	-3.9%	194	283	-31.4%	1,374	1,511	-9.1%	
2	1,130	1,162	-2.8%	139	269	-48.3%	1,269	1,431	-11.3%	
3	1,099	1,176	-6.5%	229	380	-39.7%	1,328	1,556	-14.7%	
4	805	868	-7.3%	177	397	-55.4%	982	1,265	-22.4%	
5	1,129	1,214	-7.0%	197	383	-48.6%	1,326	1,597	-17.0%	
6	1,650	1,527	8.1%	311	435	-28.5%	1,961	1,962	-0.1%	
R 1-6	6,993	7,175	-2.5%	1,247	2,147	-41.9%	8,240	9,322	-11.6%	
7	36	37	-2.7%	3	4	-25.0%	39	41	-4.9%	
8	83	77	7.8%	13	27	-51.9%	96	104	-7.7%	
9	43	48	-10.4%	13	57	-77.2%	56	105	-46.7%	
10	119	116	2.6%	22	45	-51.1%	141	161	-12.4%	
R 7-10	281	278	1.1%	51	133	-61.7%	332	411	-19.2%	
TOTAL	7,274	7,453	-2.4%	1,298	2,280	-43.1%	8,572	9,733	-11.9%	

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