# MD Monthly – March 2009 Membership Development Report – Page 1



This membership development report is issued monthly on behalf of the IEEE Member & Geographic Activities Board. Source data is IEEE membership statistics. Contact: John Day, j.day@ieee.org

MD Strategy & General Updates	Pages 2-3	Active Membership by Region	Page 8
Renewal / Recovery	Pages 4-6	Society & Special Interest Memberships	Pages 9-12
Recruitment	Page 7		

Snapshot	-	March vs. '08	% Change Mar '09		Mar '08	Feb '09	% Change Feb' 09- Mar '09				
IEEE Membership	+	8,287	+ 2.6%	325,499	317,212	301,960	+ 7.8%				
Honorary	$\wedge$	1	+ 3.7%	28	27	28	-				
Fellow	<b></b>	202	+ 3.3%	6,307	6,105	6,139	+ 2.7%				
Senior Member	$\wedge$	796	+ 2.7%	30,003	29,207	29,206	+ 2.7%				
Member	$\wedge$	1,434	+ 0.7%	200,368	198,934	190,663	+ 5.1%				
Associate Member	$\mathbf{\vee}$	2,305	-13.9%	14,295	16,600	13,478	+ 6.1%				
Graduate Student	$\wedge$	5,336	+ 20.5%	31,360	26,024	27,810	+ 12.8%				
Undergraduate Student	$\wedge$	2,823	+ 7.0%	43,138	40,315	34,636	+ 24.5%				
Society Memberships (including Affiliates)	-	107	-0.01%	277,195	277,302	261,659	+ 5.9%				
24 Societies up	~	5,283	Sum of roomo	ativo Sociation' ani	no and lossoo	•	- ·				
14 Societies down	V	5,390	Sum of respective Societies' gains and losses.								
Notes:											

Membership Development Calendar		ded MD Volunteer Activity rs committed to improving their MD succes	s!
	RECRUITMENT ACTIVITIES	<b>RECOVERY ACTIVITIES</b>	RESOURCES
April	<ul> <li>½-Year Dues Cycle – IEEE HQ accepting ½-price dues for present year of service. Individuals who join IEEE this month receive 9 months of membership for the price of 6. Incorporate message into outreach.</li> <li>Make recovery-related activities your 1<sup>st</sup> priority &amp; focus (next column) &gt;</li> </ul>	Section MD Officer – Real-time status of past-due members available in SAMIEEE to all Regional, Section, and Society MD officers. Develop and execute local communications to members in Arrears.	<ul> <li><u>MD Portal</u></li> <li>www.ieee.org/md</li> <li>PowerPoint presentation on Membership</li> <li>Otaribitiship</li> </ul>
Мау	<ul> <li>½-Year Dues Cycle – IEEE HQ accepting ½-price dues for present year of service. Individuals who join IEEE this month receive 8 months of membership for the price of 6. Incorporate message into outreach.</li> <li>Section MD Officer – Disseminate membership materials at all section meetings and local events.</li> </ul>	Section MD Officer – Real-time status of past-due members available in SAMIEEE to all Regional, Section, and Society MD officers. Develop and execute local communications to members in Arrears. ← Begin shifting focus on recruitment programs and activities	<ul> <li>Statistical Reports</li> <li>Virtual community</li> <li>IEEE MD Manual</li> <li>MD Supplies</li> </ul>
June	1/2-Year Dues Cycle – IEEE HQ accepting 1/2-price dues for present year of service. Individuals who join IEEE this month receive 7 months of membership for the price of 6. Incorporate message into outreach.	← All focus should be on recruitment programs and activities	www.ieee.org/md- supplies

MD Strategy & General Updates

#### March '09 MD Efforts Deliver Impressive Results

We had a spectacular month this March, a performance that would make us proud in *good* economic times (see table). Kudo's to our MD team, Volunteers and Staff, for their team-spirit and concurrent engagement of present, prospective, and past members. We eclipsed the results of March '08 (and two previous years) to presently position us + 2.6% ahead in total membership year-overyear. That's the largest year-over-year increase for the month of March since 2002.

Engagement	Μ	arch Per	formand	e
Source	2009	2008	2007	2006
Recovery	9,423	4,543	7,236	9,161
Recruitment	12,036	8,453	9,942	10,813
Reinstatement	2,145	1,134	733	748
total	23,604	14,130	17,911	20,722

The picture for Society memberships has improved. Society memberships were down 107 on 277,000, the least amount of decline for a March since 2003. Twentyfour of our Societies posted year-over-year growth; of the 14 Societies with a decrease in membership, the decline in 7 Societies was less than 100 members. The rigorous outreaches by several Societies over the past couple months have made a difference.

Eight of IEEE's ten Regions went positive with their total membership in March, driven by unprecedented gains in student members. Regions 1 through 6 remain challenged with their higher-grade membership; two of

these Regions, however, are down at less than 1% (see page 8).

Though we have made admirable progress with higher-grade member retention, *recruitment* of new higher-grade members has lagged throughout the year. With the arrears-recovery period beginning to wane in May, the entirety of the MD focus will need to begin shifting to recruitment.

#### The Membership Year & Optimizing MD Engagement

While it would be ideal to give 100% attention to all MD programs and activities concurrently, the reality of limited Volunteer time necessitates making choices. Such choices, however, need not compromise your overall MD success. Developing and executing a Section or Society MD strategy that leverages the annual membership cycle can help optimize your MD results (see adjacent table).

It's never too late to extend a personal communication—a final renewal / recovery reminder from a Section or Society can still make a difference in April and May. While the MGA Staff will continue its recovery campaigns and telemarketing into June, the Volunteer MD team should begin shifting its prominent MD focus to recruitment beginning in May.

	MD Volunteer Emphasis / Priority
Jan – Apr	85% effort – Retention / Arrears Recovery 15% effort – Recruitment
May – Aug	85% effort – Recruitment 15% effort – Arrears Recovery
Sep – Dec	100% effort – Recruitment

Year-over-Year Gain / Loss '09 vs. '08 by Month												
IEEE Membership	MAR	FEB	JAN									
Higher-grade	130	(4,036)	1,685									
Student-grade w/GSM	8,159	3,734	6,163									
total	8,289	(302)	7,848									



MD Strategy & General Updates (cont.)

#### SAMIEEE / MD Dashboard Under Development

Making the best use of scarce time makes our MD activity more productive and less frustrating. To ease access to member data through SAMIEEE, the MGA Staff is developing an MD dashboard prototype for Volunteer MD officers. The dashboard will aggregate into a one-stop interface several modules containing commonly-queried member data (e.g., new members, members in arrears). Once configured, the MD Volunteer will log into their SAMIEEE dashboard page, where data modules will refresh with current data (queries will automatically run in the background). We're targeting 1 May for a roll-out, at which time training will be provided on how to configure the dashboard (takes about 5 minutes).



#### Recognize & Engage Your Senior Members & Fellows

Springtime in many Sections means an annual awards banquet. Don't miss the opportunity to recognize your Section's newest Fellows and Senior Members. Invite these individuals to your awards banquet and present them with a certificate, include their names in the program, or simply read out their names to the assembled guests. In addition, you might also consider including a list of new Fellows and Senior Members in the Section's newsletter or Web page.

Remember, the Four R's of membership development are Recruitment, Retention, Recovery, and Recognition. Let's make sure not to forget the last R. It is often the easiest to accomplish, and goes a long way to help support the other three R's. Achieving Senior Member or Fellow status in IEEE is an important milestone in one's IEEE membership and career. Let's all make a concerted effort to recognize these individuals who bring both honor and prestige to our organization.

#### myIEEE Upgraded in March

myIEEE, the personalized web portal for IEEE members, has been redesigned showcasing a sleek new interface and user friendly design. This enhancement is the first in a series of changes initiated to extend and evolve myIEEE's feature functionality.



This upgrade includes usability improvements, streamlined alerts, member spotlights, Scitopia, Today's Engineer, and IEEE.tv gadgets across the website. The newly added, "Who's Online" feature shows a list of all IEEE members currently logged into myIEEE.

First launched in 2005, myIEEE is presently accessed by 2,000 members daily. Last year, IEEE memberNet was launched as an integrated component of myIEEE, and serves as the back-end directory lookup for all member profiles appearing in myIEEE. Take a look, and log-in at www.ieee.org/myieee.



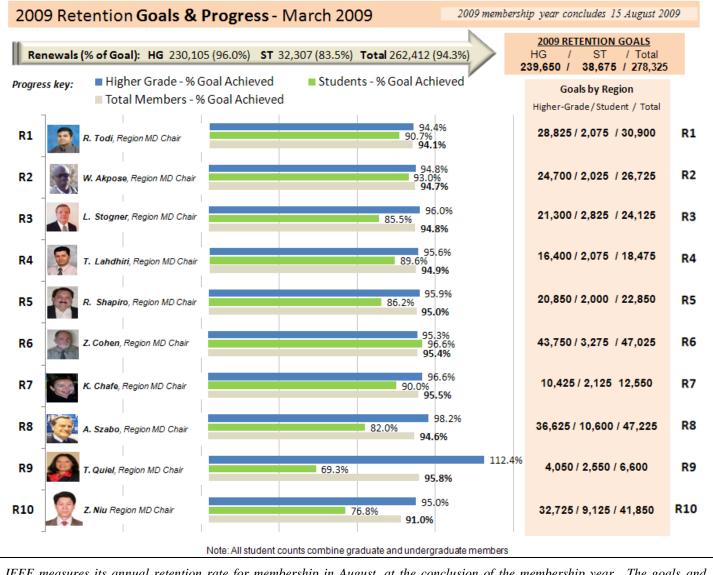
Renewal / Recovery

#### Retention Goals Update

During this period of economic recession, the IEEE has much to offer our members with career development, professional networking, and job search benefits. Monitoring our higher-grade (HG) member retention during this economic downturn has been of critical concern, and we are pleased to report excellent progress. As of March, with five months to go in the membership year, we have renewed 81.5% of our HG members; to put that into context, the HG retention rate for all of last year was 82.8%.

IEFE 🏟

We are poised to exceed last year's higher-grade retention rate, and achieve our 2009 goal of improving HG retention by 2%, to 84.8%. Achieving that goal will involve recovering 15,900 HG members between April and August. With participation by all, it's an achievable goal. When averaged to each Section, the goal amounts to 50 members recovered over the next five months. Let's rally around our largest Sections to conduct a recovery outreach in April or May, as large Sections have a greater probability for making up the difference.



IEEE measures its annual retention rate for membership in August, at the conclusion of the membership year. The goals and progress in the chart above represent the desired improvements in retention based on (1) last year's retention rate for each Region, and (2) each Region's renewal opportunity for 2009.



Renewal / Recovery (cont.)

Through March we renewed a total of 262,372 members, 73.9% of our opportunity for total, member retention. Considering our total retention rate last year was 76.8%, we will need to renew an additional 2.9% of the membership before membership year-end (15 August), to match last year's retention. March's recovery of 9,423 members added about 2.7% to total retention. We have made great progress with retaining higher-grade members, but our student-grade retention remains a challenge.

Re	newal Sna	pshot							
	Rete	ention by	Region	2009 M	embersh	ip Year -	March 2	2009	
	HIGHER	GRADE ME	MBERS	STUE	DENT MEME	BERS	TO	TAL MEMBE	RS
REGION	Opportunity	# Renewal	% Renewal	Opportunity	# Renewal	% Renewal	Opportunity	# Renewal	% Renewal
1	32,339	27,206	84.1%	3,136	1,883	60.0%	35,475	29,089	82.0%
2	27,613	23,420	84.8%	3,010	1,844	61.3%	30,623	25,264	82.5%
3	24,633	20,449	83.0%	4,104	2,416	58.9%	28,737	22,865	79.6%
4	18,837	15,680	83.2%	3,008	1,859	61.8%	21,845	17,539	80.3%
5	24,047	19,990	83.1%	2,986	1,723	57.7%	27,033	21,713	80.3%
6	50,351	41,680	82.8%	4,906	3,164	64.5%	55,257	44,844	81.2%
R 1-6	177,820	148,425	83.5%	21,150	12,889	60.9%	198,970	161,314	81.1%
7	12,310	10,070	81.8%	2,823	1,912	67.7%	15,133	11,982	79.2%
8	45,222	35,973	79.5%	16,567	8,687	52.4%	61,789	44,660	72.3%
9	6,408	4,554	71.1%	7,147	1,768	24.7%	13,555	6,322	46.6%
10	40,731	31,083	76.3%	25,057	7,011	28.0%	65,788	38,094	57.9%
R 7-10	104,671	81,680	78.0%	51,594	19,378	37.6%	156,265	101,058	64.7%
TOTAL	282,491	230,105	81.5%	72,744	32,267	44.4%	355,235	262,372	73.9%

Each Region's renewal "opportunity" is based on their respective membership totals at the end of the 2008 membership year, in August. For example, when the 2008 membership year concluded in August, Region 3 had a total of 24,633 higher-grade members eligible for renewal. Through March 2009, 20,449 of those members (83.0%) had renewed their 2009 membership.

#### 2009 Member Recovery

Beginning 1 March, recovering members in arrears becomes the exclusive driver for improving our member retention rates. March's recovery of 9,423 members was impressive, exceeding same-month results of the three, previous years.

The personal outreach by local Sections and Chapters to members in arrears makes a difference. We thank the MD Volunteer leaders who have launched, or are planning to launch, these communications.

		Membe	ers in Arrear	S
REGION	Feb 2009	Mar 2009	# Recovered	% Recovered
1	7,081	6,071	1,010	14.3%
2	5,877	5,127	750	12.8%
3	6,267	5,630	637	10.2%
4	4,529	4,015	514	11.3%
5	5,954	5,220	734	12.3%
6	12,058	10,438	1,620	13.4%
R1-6	41,766	36,501	5,265	12.6%
7	3,425	3,045	380	11.1%
8	17,847	16,367	1,480	8.3%
9	7,513	7,053	460	6.1%
10	28,737	26,899	1,838	6.4%
R7-10	57,522	53,364	4,158	7.2%
TOTAL	99,288	89,865	9,423	9.5%





Renewal / Recovery (cont.)

Since the arrears-recovery phase of the membership year began on 1 March, the MD Volunteer and Staff teams have been engaged in a multi-channel outreach to bolster retention.

# 125<sup>th</sup> Anniversary Renewal Incentive Drawing – 13 May

MGA launched a new incentive in 2009 to reward individuals who have renewed their 2009 membership. In a random drawing of all members who have renewed before 1 May, the IElynEE will award 125 Visa gift certificates of USD\$100. The drawing will take place on IEEE's birthday, 13 May. All Sections are encouraged to communicate this incentive in their local outreaches.

## New: Renewal Reminder Postcards

Mailed the last week of March. While e-mail campaigns have been historically the mainstay of the MD Staff's arrears recovery effort, historical campaign data indicates e-mail open-rates averaging 20%-25%. This new postcard campaign has been sent worldwide to all higher-grade members in arrears, and features a peer-to-peer message from Joe Lillie, VP of the Member & Geographic Activities Board.

## Member-Recovery Courtesy Calls Underway

The IEEE Contact Center is outreaching to higher-grade members in Arrears to help facilitate the recovery effort. This year, the Contact Center's courtesy calls are being extended to Regions 8 through 10, whereas in prior years the effort had been limited to Regions 1 through 7.

#### Arrears-Recovery E-Mail Reminders

Beginning the 1<sup>st</sup> week of March, the MGA Staff initiated a notification to all members with Arrears status, informing them that their service had been deactivated; a follow-up e-mail was dispatched on 31 March. April's e-mail reminder is scheduled for the 14<sup>th</sup>, with additional reminders in May.

# <u>New</u>: Arrears-Recovery / Career Services & Products Campaign

Nested within the arrears-recovery cycle, the MD Staff will launch a new outreach to members in arrears focusing attention on the career services and products available to active IEEE members. This email campaign is scheduled for 27 April.















Recruitment

#### Update – Member-get-a-Member Program

The IEEE Member-get-a-Member (MGM) program is a peer-to-peer recruitment activity offered exclusively to IEEE members. The program is publicized through MD Kits to Volunteers, and personalized MGM cards that are mailed to every member with their membership card upon joining and renewing.

IEEE Member- get-a- Member Program www.ieee.org/mgm	Co	ongratulations to th	March 2009 nis Month's Dou	ble-Digit Recrui	ters!								
	<b>Edip Guner</b> 57 members Turkey Sec. R-8	Solyelis Rodriguez 44 members Centro Occident Sec. R-9	<b>Herman Myburgh</b> 31 members S. Africa Sec. R-8	<b>Octavio Sanchez</b> 29 members Puebla Sec. R-9	<b>Sujay Channal</b> 23 members Bangalore Sec. R-10								
	Maria Garci 20 members Ecuador Sec. R-9	Prashant Ubban 20 members Hyderabad Sec. R-10	<b>G.S. Yakumar</b> 19 members Madras Sec. R-10	<b>S.V. Shenoi</b> 18 members Kerala Sec. R-10	Shiban Koul 18 members Bombay Sec. R-10								
	<b>Aamir Ansair</b> 16 members Bombay Sec. R-10	<b>Nazmi Ghani</b> 15 members Malaysia Sec. R-10	Hani Sindi 14 members W. Saudi Arabia Sec. R-8	<b>Kanikia Rautji</b> 13 members Bombay Sec. R-10	Kenny Wong 13 members W. Australia Sec. R- 10								
	Shraiya Srivastav 12 members Bombay Sec. R-10	Luis Cholula 12 members Puebla Sec. R-9	<b>Neeraj Jin</b> 11 members Delhi Sec. R-10	<b>Naman Midha</b> 10 members Delhi Sec. R-10	<b>Jelena Matovina</b> 10 members Croatia Sec. R-8								
	<b>Nikita Bansal</b> 10 members Bombay Sec. R-10	Sigor Brkic 10 members Croatia Sec. R-8											
2009 MGM Program Trend	1;588				- 20% - 10% - 0%								
6,452 recruited through March	d												

#### Membership Recruiting at Conferences

One of the best sources for new members are the nonmembers who attend the many IEEE technical or nontechnical conferences. These individuals have already qualified themselves as having an interest in our fields, just by virtue of their attendance at the event. In addition, there is usually a substantial cost savings between the member and nonmember registration fees. This differential can often offset most, or all of the cost of the IEEE membership dues.



The Conference Membership Recruitment (CMR) program offers a further

financial incentive to these individuals by providing for a "free" society membership to anyone who joins IEEE at one of our conferences. Using these incentives in conjunction with each other, an applicant for membership can receive both a 2009 IEEE membership and a 2009 Society membership at little to no cost beyond what they would have already spent just to attend the conference. For more information, contact Elyn Perez on staff with Membership Development (elyn.perez@ieee.org).





Active Membership by Region

## Membership by Region – March 2009

<u>Color Key:</u> Green shading = year-over-year growth in membership; Orange shading = year-over-year decline in membership

				Ge	ograph	ic IEEE	E Memt	Geographic IEEE Membership Summary - March 2009														
	PROFESS	SIONAL GRA	ADE MEN	IBERS	GF	RADUATE MEME		NT	UND	ERGRADU/ MEMB		DENT	TOTAL MEMBERS									
REGION	2009	2008	Cha	nge	2009 2008 Change 20		2009	2008	Change		2009	2008	Cha	Change								
			#	%			#	%			#	%			#	%						
1	29,000	29,472	-472	-1.6%	1,704	1,650	54	3.3%	1,719	1,925	-206	-10.7%	32,423	33,047	-624	-1.9%						
2	25,033	25,162	-129	-0.5%	1,627	1,461	166	11.4%	1,821	1,681	140	8.3%	28,481	28,304	177	0.6%						
3	21,904	22,152	-248	-1.1%	2,145	1,776	369	20.8%	2,594	2,626	-32	-1.2%	26,643	26,554	89	0.3%						
4	16,777	17,037	-260	-1.5%	1,625	1,373	252	18.4%	1,869	1,855	14	0.8%	20,271	20,265	6	0.0%						
5	21,626	21,788	-162	-0.7%	1,538	1,350	188	13.9%	2,016	1,982	34	1.7%	25,180	25,120	60	0.2%						
6	44,734	45,765	-1,031	-2.3%	2,840	2,501	339	13.6%	2,810	2,865	-55	-1.9%	50,384	51,131	-747	-1.5%						
R 1-6	159,074	161,376	-2,302	-1.4%	11,479	10,111	1,368	13.5%	12,829	12,934	-105	-0.8%	183,382	184,421	-1,039	-0.6%						
7	10,997	10,685	312	2.9%	1,750	1,580	170	10.8%	1,505	1,520	-15	-1.0%	14,252	13,785	467	3.4%						
8	40,070	38,863	1,207	3.1%	9,114	7,321	1,793	24.5%	7,758	7,327	431	5.9%	56,942	53,511	3,431	6.4%						
9	5,285	5,113	172	3.4%	1,050	977	73	7.5%	3,569	3,373	196	5.8%	9,904	9,463	441	4.7%						
10	35,575	34,834	741	2.1%	7,967	6,035	1,932	32.0%	17,477	15,161	2,316	15.3%	61,019	56,030	4,989	8.9%						
R 7-10	91,927	89,495	2,432	2.7%	19,881	15,913	3,968	24.9%	30,309	27,381	2,928	10.7%	142,117	132,789	9,328	7.0%						
TOTAL	251,001	250,871	130	0.1%	31,360	26,024	5,336	20.5%	43,138	40,315	2,823	7.0%	325,499	317,210	8,289	2.6%						

Overall, it was an impressive month, with eight of our ten Regions showing year-over-year growth in total membership. Growth in graduate-student members has made a positive impact across all ten regions. Despite these generally positive trends, there continues to be a geographic unevenness in performance. All six of the U.S. regions are showing declines in Higher Grade memberships, while Regions 7 through 10 have posted gains.

Some of the geographic imbalance can be explained by the loss of Life members, i.e., those who did not positively affirm their interest in continuing membership. As of the end of March, 1,834 Life members had not returned their 2009 renewal profile, and have been removed from our active membership statistics; of those Life members, 1,622 (88%) were from Regions 1-6.



Society & Special Interest Memberships

<u>Color Key</u>: Green shading = year-over-year growth in membership; Orange shading = year-over-year decline in membership

						IEE	E Soci	ety Mer	nbershi	p Totals	as of	March 2	009							
SOCIETY / DIVISION	Men	gher Grade mbers Change ing GSMs)		nge	IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change	
<b>IEEE Societies</b>	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%
DIVISION I																				
Circuits & Systems	8,547	8,906	-359	-4.0%	373	436	-63	-14.4%	39	28	11	39.3%	8,959	9,370	-411	-4.4%	8,920	9,342	-422	-4.5%
Electron Devices	9,003	9,122	-119	-1.3%	284	385	-101	-26.2%	45	33	12	36.4%	9,332	9,540	-208	-2.2%	9,287	<mark>9,507</mark>	-220	-2.3%
Solid-State Circuits	9,367	9,940	-573	-5. <mark>8%</mark>	216	274	-58	-21.2%	60	45	15	33.3%	9,643	10,259	-616	-6.0%	9,583	10,214	-631	-6.2%
Div I Subtotal	26,917	27,968	-1,051	-3.8%	873	1,095	-222	-20.3%	144	106	38	35.8%	27,934	29,169	-1,235	-4.2%	27,790	29,063	-1,273	-4.4%
DIVISION II																				
Components, Packaging & Mfg Tech	2,233	2,314	-81	-3.5%	57	50	7	14.0%	15	10	5	50.0%	2,305	2,374	-69	-2.9%	2,290	2,364	-74	-3.1%
Dielectrics & Electrical Insulation	1,797	1,745	52	3.0%	39	36	3	8.3%	18	9	9	100.0%	1,854	1,790	64	3.6%	1,836	1,781	55	3.1%
Industry Applications	8,836	8,753	83	0.9%	98	122	-24	-19.7%	32	20	12	60.0%	8,966	8,895	71	0.8%	8,934	8,875	59	0.7%
Instrumentation & Measurements	4,015	4,004	11	0.3%	101	124	-23	-18.5%	16	10	6	60.0%	4,132	4,138	-6	-0.1%	4,116	4,128	-12	-0.3%
Power Electronics	5,654	5,377	277	5.2%	224	247	-23	-9.3%	35	15	20	133.3%	5,913	5,639	274	4.9%	5,878	5,624	254	4.5%
Ultrasonics, Ferroelectrics, Freq Ctrl	1,900	1,933	-33	-1.7%	48	42	6	14.3%	27	13	14	107.7%	1,975	1,988	-13	-0.7%	1,948	1,975	-27	-1.4%
Div II Subtotal	24,435	24,126	309	1.3%	567	621	-54	-8.7%	143	77	66	85.7%	25,145	24,824	321	1.3%	25,002	24,747	255	1.0%
DIVISION III																				
Communications	28,231	28,876	-645	-2.2%	1,439	2,176	-737	-33.9%	337	259	78	30.1%	30,007	31,311	-1,304	-4.2%	29,670	31,052	-1,382	-4.5%





Society & Special Interest Memberships (cont.)

<u>Color Key:</u> Green shading = year-over-year growth in membership; Orange shading = year-over-year decline in membership

						IEE	E Socie	ety Mer	nbershi	p Totals	as of	March 2	009							
SOCIETY / DIVISION	Men	ner Grade nbers g GSMs)	Cha	nge	IEEE S Merr	tudent ibers	Cha	inge	Society Affiliates		Change		Society Totals (with affiliates)		Change		-	<b>/ Totals</b> affiliates)	Change	
<b>IEEE Societies</b>	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%
DIVISION IV																				
Antennas & Propagation	7,118	6,961	157	2.3%	230	267	-37	-13.9%	48	24	24	100.0%	7,396	7,252	144	2.0%	7,348	7,228	120	1.7%
Broadcast Technology	1,705	1,699	6	0.4%	54	57	-3	-5.3%	27	20	7	35.0%	1,786	1,776	10	0.6%	1,759	1,756	3	0.2%
Consumer Electronics	2,579	2,543	36	1.4%	141	115	26	22.6%	35	30	5	16.7%	2,755	2,688	67	2.5%	2,720	2,658	62	2.3%
Electromagnetic Compatibility	3,633	3,733	-100	-2.7%	74	73	1	1.4%	25	12	13	108.3%	3,732	3,818	-86	-2.3%	3,707	3,806	-99	-2.6%
Magnetics	2,667	2,762	-95	-3.4%	68	111	-43	-38.7%	45	39	6	15.4%	2,780	2,912	-132	-4.5%	2,735	2,873	-138	-4.8%
Microwave Theory & Techniques	10,365	10,014	351	3.5%	362	287	75	26.1%	40	31	9	29.0%	10,767	10,332	435	4.2%	10,727	10,301	426	4.1%
Nuclear & Plasma Sciences	2,582	2,424	158	6.5%	66	89	-23	- <mark>25.8</mark> %	44	41	3	7.3%	2,692	2,554	138	5.4%	2,648	2,513	135	5.4%
Div IV Subtotal	30,649	30,136	513	1.7%	995	999	-4	-0.4%	264	197	67	34.0%	31,908	31,332	576	1.8%	31,644	31,135	509	1.6%
DIVISION V/VIII																				
Computer	46,456	47,778	-1,322	-2.8%	2,795	2,909	-114	-3.9%	13,376	14,243	-867	-6.1%	62,627	64,930	-2,303	-3.5%	49,251	50,687	-1,436	-2.8%
DIVISION VI																				
Education	2,912	2,827	85	3.0%	74	97	-23	-23.7%	32	28	4	14.3%	3,018	2,952	66	2.2%	2,986	2,924	62	2.1%
Industrial Electronics	3,814	3,457	357	10.3%	170	178	-8	-4.5%	18	7	11	157.1%	4,002	3,642	360	9.9%	3,984	3,635	349	9.6%
Product Safety Engineering	580	556	24	4.3%	8	6	2	33.3%	4	4	0	0.0%	<mark>592</mark>	566	26	4.6%	588	562	26	4.6%
Professional Communication	876	827	49	5.9%	57	41	16	39.0%	92	78	14	17.9%	1,025	946	79	8.4%	933	868	65	7.5%
Reliability	1,638	1,612	26	1.6%	27	32	-5	-15.6%	17	6	11	183.3%	1,682	1,650	32	1.9%	1,665	1,644	21	1.3%
Social Implications of Technology	1,453	1,481	-28	-1.9%	43	55	-12	-21.8%	18	17	1	5.9%	1,514	1,553	-39	-2.5%	1,496	1,536	-40	-2.6%
Div VI Subtotal	11,273	10,760	513	4.8%	379	409	-30	-7.3%	181	140	41	29.3%	11,833	11,309	524	4.6%	11,652	11,169	483	4.3%
DIVISION VII																				
Power & Energy	20,735	19,662	1,073	5.5%	565	600	-35	-5.8%	164	80	84	105.0%	21,464	20,342	1,122	5.5%	21,300	20,262	1,038	5.1%



Society & Special Interest Memberships (cont.)

<u>Color Key</u>: Green shading = year-over-year growth in membership; Orange shading = year-over-year decline in membership

						IEE	E Socie	ety Mer	nbershi	p Totals	as of	March 2	009							
SOCIETY / DIVISION	Mem	ner Grade nbers g GSMs)	Cha	nge		tudent ibers	Cha	inge		iety iates	Cha	ange		<b>/ Totals</b> fiiliates)	Cha	nge		<b>/ Totals</b> affiliates)	Cha	nge
<b>IEEE Societies</b>	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%	2009	2008	#	%
DIVISION IX Aerospace &																				
Electronic Systems	4,325	4,246	79	1.9%	159	167	-8	-4.8%	30	22	8	36.4%	4,514	4,435	79	1.8%	4,484	4,413	71	1.6%
Geoscience & Remote Sensing	2,416	2,254	162	7.2%	112	139	-27	-19.4%	234	105	129	122.9%	2,762	2,498	264	10.6%	2,528	2,393	135	5.6%
Information Theory	3,007	<mark>2,901</mark>	106	3.7%	133	119	14	11.8%	22	12	10	83.3%	3,162	3, <mark>0</mark> 32	130	4.3%	3,140	3, <mark>02</mark> 0	120	4.0%
Intelligent Transportation Systems	915	960	-45	-4.7%	31	30	1	3.3%	15	15	0	0.0%	961	1,005	-44	-4.4%	946	990	-44	-4.4%
Oceanic Engineering	1,444	1,383	61	4.4%	47	45	2	4.4%	12	12	0	0.0%	1,503	1,440	63	4.4%	1,491	1,428	63	4.4%
Signal Processing	12,536	12,717	-181	-1.4%	468	426	42	9.9%	79	73	6	8.2%	13,083	13,216	-133	-1.0%	13,004	13,143	-139	-1.1%
Vehicular Technology	3,668	3,674	-6	-0.2%	121	148	-27	-18.2%	17	10	7	70.0%	3,806	3,832	-26	-0.7%	3,789	3,822	-33	-0.9%
Div IX Subtotal	28,311	28,135	176	0.6%	1,071	1,074	-3	-0.3%	409	249	160	64.3%	29,791	29,458	333	1.1%	29,382	29,209	173	0.6%
DIVISION X																				
Computational Intelligence	5,067	4,789	278	5.8%	354	386	-32	-8.3%	106	93	13	14.0%	5,527	5,268	259	4.9%	5,421	5,175	246	4.8%
Control Systems	7,203	<mark>6,94</mark> 7	256	3.7%	341	329	12	3.6%	57	33	24	72.7%	7,601	7,309	292	4.0%	7,544	7,276	268	3.7%
Engineering in Medicine & Biology	<mark>6,811</mark>	6,567	244	3.7%	487	541	-54	-10.0%	133	79	54	68.4%	7,431	7,187	244	3.4%	7,298	7,108	190	2.7%
Lasers & Electro- Optics	5,691	5, <mark>6</mark> 44	47	<mark>0.8%</mark>	440	389	51	13.1%	86	65	21	32.3%	6,217	<mark>6,098</mark>	119	2.0%	6,131	6,033	98	1.6%
Robotics & Automation	5,254	4,803	451	9.4%	577	598	-21	-3.5%	71	59	12	20.3%	5,902	5,460	442	8.1%	5,831	5,401	430	8.0%
Systems, Man & Cybernetics	3,599	3,145	454	14.4%	171	127	44	34.6%	38	33	5	15.2%	3,808	3,305	503	15.2%	3,770	3,272	498	15.2%
Div X Subtotal	33,625	31,895	1,730	5.4%	2,370	2,370	0	0.0%	491	362	129	35.6%	36,486	34,627	1,859	5.4%	35,995	34,265	1,730	5.0%
TOTAL	250,632	249,336	1,296	0.5%	11,054	12,253	-1,199	-9.8%	15,509	15,713	-204	-1.3%	277,195	277,302	-107	0.0%	261,686	261,589	97	0.0%





#### **Standards Association**

Standard Association Membership – March 2009										
Grade	Mar-09	Mar-08	Change	% Change						
Student	107	122	-15	- 12.3%						
Higher Grade	6,208	6,510	-302	- 4.6%						
Affiliate	122	105	-17	- 16.0 %						
Total	6,437	6,737	-300	- 4.5%						

# Women in Engineering

Grade	Mar-09	Mar-08	Change	% Change	Region	Mar-09	Mar-08	Change	% Change
Fellow	46	41	+ 5	+ 12.2%	US	2,580	2,751	-171	-6.2%
Life Member	117	119	- 2	-1.7%	Canada	302	334	-32	-9.6%
Associate Member	95	113	- 18	-1.6%	Europe, Africa & Middle East	1,689	1,622	+ 67	+ 4.1%
Member	1,613	1,513	+ 100	+6.6%	Latin America	1,320	995	+ 325	+ 32.3%
Senior Member	311	286	+ 25	+ 8.7%	Asia & Pacific	2,127	1,487	+ 640	+ 43.0%
Student	5,829	5,107	+ 722	+ 14.1%	Total	8,018	7,179	+ 839	+ 11.7%
Total	8,018	7,179	+ 839	+ 11.7%					
					Gender	Mar-09	Mar-08	Change	% Change
					Female	4,952	4,721	+ 231	+ 4.9%
					Male	2,360	1,927	+ 433	+ 22.5%
					Not Provided	706	541	+ 165	+ 30.5%
					Total	8,018	7,189	+ 839	+ 11.7%