

MD Monthly—JULY 2020

Membership Development Report

This report is issued monthly on behalf of the IEEE Member & Geographic Activities Board. Source data is IEEE membership statistics. All information contained in this report is proprietary and confidential, reserved for IEEE staff and volunteer use only

Contact: Elyn Perez, elyn.perez@ieee.org

MD Summary Pages 1-2 **Current Month Charts by Channel** Page 5 **Technical Activities Spotlight** Page 3 Society & Special Interest Memberships Pages 6-8 Membership Year Goals & Progress Page 4

Monthly Snapshot		YoY Cha	ange	Jul '20	Jul '19	Jun '20	Jul '20 vs. Jun '20
IEEE Membership		-20,491	-5.5%	350,526	371,017	342,062	+2.5%
Honorary		2	+5.4%	37	35	37	0.0%
Fellow		50	+0.7%	7,665	7,615	7,655	+0.1%
Senior Member		1,799	+3.9%	46,258	44,459	45,997	+0.6%
Member	V	-7,109	-3.5%	205,213	212,322	202,085	+1.5%
Associate Member	V	-636	-12.9%	4,914	5,550	4,826	+1.8%
Graduate Student	V	-3,062	-7.7%	39,645	42,707	36,873	+7.5%
Undergraduate Student	V	-11,535	-24.7%	46,794	58,329	44,589	+4.9%
Society Membership		-3,804	-1.3%	292,979	296,783	286,753	+2.2%
8 Societies up > 1%		6,651	Societies Note	: Sum of respectiv	e gains and loss	es with all counts	excluding
7 Societies +/- 1%	V	-110	Affiliates. Inclu	ear-over-year			
24 Societies down > 1%	V	-10,345	by –4,989 or -	-1.6%.			

MD Channel				2020 M	lembership Year T	o Date			
WB Ghamler	'20	'19	'18	'17		'20	'19	'18	'17
Retention			69.6%	68.5%	Recruitment	81,038	90,168	91,010	88,141
(Rate and Count)	250,893	261,191	262,604	264,179	Recruitment	01,030	90,100	91,010	00,141
Higher Grade	77.3%	78.3%	79.5%	77.8%	Reinstatement	18,656	18,908	20,095	18,998
Higher-Grade	219,654	225,405	228,341	230,292	Remstatement	10,050	10,900	20,095	10,990
STU/GSM	32.9%	38.0%	38.0%	37.8%	Recovery	10 050	26,980	25.262	26 169
	31,239	35,786	34,263	33,887	(subset of retention)	18,058	20,960	25,263	26,168

MD Calendar	Recruitment Activities	Retention Activities
September	New Membership Year Begins – New members joining in September get 16 months for the price of 12.	2021 Renewal Begins – Members can renew online beginning 8 September. E-mail outreaches commence the last week in September, including distribution of Member-Get-a-Member awards.
	2021 Membership Year – New members joining in October get 15 months for the price of 12.	Renewal outreaches continue – Early renewal drawing deadline is 1 November, for a chance to win one of 10
October	IEEE Day—During IEEE Day week, new HG members can get a \$30 discount. www.ieeeday.org	Amazon gift cards. Automatic Renewal takes place third week in October.





July MD Highlights

It appears that the larger decreases in overall membership due to COVID-19 peaked in May. For the second month in a row we have seen the rate of decline recede. The largest decline point in May was –5.9%, subsiding slightly in June to -5.8%. As of July, overall membership is behind –5.5%.

This change represents about 500 members more recovered for the month. Renewal activity was well above what it normally is in July due to campaigns launching later than normal. Specifically, higher grade renewal activity was the main driver, as student renewal activity remained steady.

Recruitment activity also continues to show signs of a rebound but is still behind. The overall decline in recruitment changed from -10.5% in June to -10.1% this month. As with renewal activity, higher grade recruitment activity was on par for this time of year, while student recruitment was slightly below average.

Start your planning now for 2021. We will undoubtedly be facing a steep challenge for membership growth next year. Movement to virtual events will be critical

Renewal opens for following year. Full-year dues Membership Year Conclud Retention rates determined. cycle begins. Fiscal performance letermined, Half-yea dues cycle AUST Receive half off dues from **IEEE Membership** Calendar year-end membership statistics Year determined. February March Past-due members placed into arrears. Arrears-recovery

to maintaining engagement with your members, especially at the student branch level. It also represents an opportunity to engage members who otherwise would not be able to or want to attend in-person events even under normal conditions.

Here are some key points to note as we enter the new membership year:

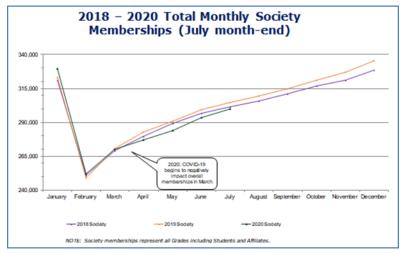
- The 2020 membership year officially ends on 15 August. Membership numbers included here reflect July month-end. There will be one more report on the 2020 membership year for activity through August.
- As of 16 August 2020 anyone joining IEEE becomes a member for the 2021 membership year. The
 membership is effective immediately and continues through December 2021.
- For renewing members, they can renew for 2021 online beginning 8 September.
- Student members with a graduation date in 2021 will be elevated to higher grade member status. As a
 Recent Graduate they will receive an automatic 50% discount on their first year of higher grade
 membership when they renew.
- On 1 October, we will begin mailing the first renewal notices to members and society affiliates. A series
 of email communications will follow from October 2020 through February 2021.
 - ⇒ Charts on overall membership, recruitment and retention are on page 5.
 - ⇒ Society membership details are on page 6.
 - ⇒ Note that all orders for membership development materials are subject to shipping delays at this time. In Region 10, all orders are being held for shipping until further notice.



IEEE

Technical Activities Society Spotlight

Every month the Membership Development Report highlights a few best practices, accomplishments, and lessons learned in IEEE Technical Activities (TA). View the report at https://ta.ieee.org/mdreports.



2020 Membership Continues to Improve in the Midst of COVID-19

Society membership (including Affiliates) is down 4,989, or 1.6% in 2020 as of month-end July, compared to IEEE membership being down 20,491 or 5.5%, for the same timeframe. Meanwhile Society membership, without Affiliates, is also down 3,804, or 1.3%. Month-end June Society membership (including Affiliates) was down 2.0% and therefore it appears the rate of membership decline continues to improve in July and move closer to 2018 metrics.

Recovery and New Memberships Begin Improvement

While March, April, and May witnessed a decline in the number of recovery, new memberships, and reinstatements resulting from the global pandemic, June and July recovery, new memberships, and reinstatements are seeing a lift with 1,737 more memberships in June and July 2020 compared to the same time period in 2019, or an increase of 12.4%.



Five Societies Grow Membership

Five Societies grew their membership by more than 3% as of July month-end when compared to the same time period last year. Overall gains as of July 2020 month-end is 5,766 in aggregate.

Society Memberships: 2019 v 2020 July Month-end

SOCIETY	INCREASE	PERCENT	SOCIETY	INCREASE	PERCENT
IEEE Aerospace and Electronic	141	3.1%	IEEE Industrial Electronics Society	1,583	22.4%
IEEE Computer Society	509	1.1%	IEEE Information Theory Society	541	17.4%
IEEE Circuits & Systems Society	440	4.6%	IEEE Photonics Society	144	2.3%
IEEE Computational Intelligence	59	0.8%	IEEE Signal Processing Society	183	1.1%
IEEE Communications Society	2,166	8.8%			





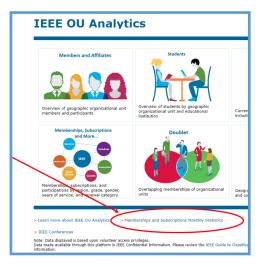
2020 Membership Development Goals

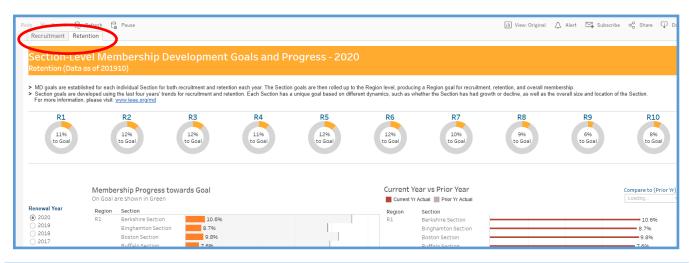


2020 Goals and Progress Dashboard Are in OU Analytics

MembershipDevelopmentGoalsandProgress/

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. See the data behind goal development: https://mga.ieee.org/membership-development/membership-development-goals-and-recognition









IEEE

Current Month Charts

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

Geographic IEEE Membership Summary - July 2020																
REGION	Hig	her-Grad	de w/o G	SM	G	raduate	Student	s	Und	ergradu	ate Stud	ents	T	OTAL M	EMBER	S
REGION	2020	2019	Cha	nge	2020	2019	Cha	nge	2020	2019	Cha	inge	2020	2019	Cha	inge
			#	%			#	%			#	%			#	%
1	22,068	23,698	(1,630)	-6.9%	1,393	1,537	(144)	-9.4%	1,082	1,489	(407)	-27.3%	24,543	26,724	(2,181)	-8.2%
2	19,341	20,315	(974)	-4.8%	1,268	1,428	(160)	-11.2%	972	1,062	(90)	-8.5%	21,581	22,805	(1,224)	-5.4%
3	19,825	20,614	(789)	-3.8%	1,902	2,096	(194)	-9.3%	1,510	1,903	(393)	-20.7%	23,237	24,613	(1,376)	-5.6%
4	14,032	14,847	(815)	-5.5%	1,380	1,539	(159)	-10.3%	1,096	1,394	(298)	-21.4%	16,508	17,780	(1,272)	-7.2%
5	18,677	19,562	(885)	-4.5%	1,439	1,579	(140)	-8.9%	1,482	1,621	(139)	-8.6%	21,598	22,762	(1,164)	-5.1%
6	38,445	40,334	(1,889)	-4.7%	2,309	2,483	(174)	-7.0%	2,264	3,005	(741)	-24.7%	43,018	45,822	(2,804)	-6.1%
R 1-6	132,388	139,370	(6,982)	-5.0%	9,691	10,662	(971)	-9.1%	8,406	10,474	(2,068)	-19.7%	150,485	160,506	(10,021)	-6.2%
7	11,027	11,811	(784)	-6.6%	1,940	2,185	(245)	-11.2%	1,015	1,330	(315)	-23.7%	13,982	15,326	(1,344)	-8.8%
8	45,417	47,188	(1,771)	-3.8%	9,681	10,692	(1,011)	-9.5%	7,685	9,273	(1,588)	-17.1%	62,783	67,153	(4,370)	-6.5%
9	7,312	7,722	(410)	-5.3%	1,327	1,487	(160)	-10.8%	5,077	6,761	(1,684)	-24.9%	13,716	15,970	(2,254)	-14.1%
10	67,943	63,890	4,053	6.3%	17,006	17,681	(675)	-3.8%	24,611	30,491	(5,880)	-19.3%	109,560	112,062	(2,502)	-2.2%
R 7-10	131,699	130,611	1,088	0.8%	29,954	32,045	(2,091)	-6.5%	38,388	47,855	(9,467)	-19.8%	200,041	210,511	(10,470)	-5.0%
TOTAL	264,087	269,981	(5,894)	-2.2%	39,645	42,707	(3,062)	-7.2%	46,794	58,329	(11,535)	-19.8%	350,526	371,017	(20,491)	-5.5%

					C	umula	tive Re	cruitm	ent - Jı	uly 202	0					
REGION	HIGH	ER GRA	DE w/o	GSMs	GRA	ADUATE	STUDE	NTS	UNDER	GRADU	ATE STU	JDENTS	T	OTAL M	EMBER	S
REGION	2020	2019	Cha	inge	2020	2019	Cha	nge	2020	2019	Cha	nge	2020	2019	Cha	inge
			#	%			#	%			#	%			#	%
1	810	994	(184)	-18.5%	682	782	(100)	-12.8%	1,079	1,582	(503)	-31.8%	2,571	3,358	(787)	-23.4%
2	699	774	(75)	-9.7%	616	679	(63)	-9.3%	914	1,043	(129)	-12.4%	2,229	2,496	(267)	-10.7%
3	778	848	(70)	-8.3%	818	963	(145)	-15.1%	1,422	1,775	(353)	-19.9%	3,018	3,586	(568)	-15.8%
4	568	691	(123)	-17.8%	644	726	(82)	-11.3%	1,014	1,269	(255)	-20.1%	2,226	2,686	(460)	-17.1%
5	825	865	(40)	-4.6%	667	744	(77)	-10.3%	1,423	1,605	(182)	-11.3%	2,915	3,214	(299)	-9.3%
6	1,745	2,111	(366)	-17.3%	1,054	1,190	(136)	-11.4%	2,067	2,805	(738)	-26.3%	4,866	6,106	(1,240)	-20.3%
R 1-6	5,425	6,283	(858)	-13.7%	4,481	5,084	(603)	-11.9%	7,919	10,079	(2,160)	-21.4%	17,825	21,446	(3,621)	-16.9%
7	492	766	(274)	-35.8%	853	1,186	(333)	-28.1%	891	1,150	(259)	-22.5%	2,236	3,102	(866)	-27.9%
8	2,939	3,582	(643)	-18.0%	4,480	5,102	(622)	-12.2%	6,203	7,549	(1,346)	-17.8%	13,622	16,233	(2,611)	-16.1%
9	693	828	(135)	-16.3%	526	672	(146)	-21.7%	3,370	4,906	(1,536)	-31.3%	4,589	6,406	(1,817)	-28.4%
10	11,275	7,226	4,049	56.0%	10,460	10,910	(450)	-4.1%	21,031	24,845	(3,814)	-15.4%	42,766	42,981	(215)	-0.5%
R 7-10	15,399	12,402	2,997	24.2%	16,319	17,870	(1,551)	-8.7%	31,495	38,450	(6,955)	-18.1%	63,213	68,722	(5,509)	-8.0%
TOTAL	20,824	18,685	2,139	11.4%	20,800	22,954	(2,154)	-9.4%	39,414	48,529	(9,115)	-18.8%	81,038	90,168	(9,130)	-10.1%

IEEE Membership Renewal / Retention - July 2020 Mer											Memb	ershi	p Year			
	HIGH	ER GRA	DE w/o	GSM	GRA	DUATE S	STUDEN	ITS	UNDERG	RADUA	TE STU	DENTS	TO	OTAL MI	MBERS	3
REGION	Oppor-		Renewal		Oppor-		Renewal		Oppor-		Renewal		Oppor-		Renewal	
	tunity	#	%, '20	%, '19	tunity	#	%, '20	%, '19	tunity	#	%, '20	%, '19	tunity	#	%, '20	%, '19
1	24,065	20,082	83.4%	84.1%	1,505	808	53.7%	57.1%	1,399	338	24.2%	26.0%	26,969	21,228	78.7%	79.7%
2	20,691	17,559	84.9%	85.0%	1,331	712	53.5%	59.9%	990	303	30.6%	33.6%	23,012	18,574	80.7%	81.3%
3	21,310	17,527	82.2%	82.4%	1,956	1,136	58.1%	60.8%	1,696	496	29.2%	32.4%	24,962	19,159	76.8%	77.2%
4	15,211	12,571	82.6%	82.8%	1,428	777	54.4%	61.6%	1,283	348	27.1%	33.1%	17,922	13,696	76.4%	77.7%
5	20,163	16,460	81.6%	81.7%	1,449	840	58.0%	62.5%	1,462	424	29.0%	29.7%	23,074	17,724	76.8%	77.3%
6	41,194	33,879	82.2%	81.9%	2,396	1,326	55.3%	59.3%	2,764	725	26.2%	30.1%	46,354	35,930	77.5%	77.8%
R 1-6	142,634	118,078	82.8%	82.9%	10,065	5,599	55.6%	60.2%	9,594	2,634	27.5%	30.6%	162,293	126,311	77.8%	78.4%
7	12,588	9,510	75.5%	77.5%	1,781	1,092	61.3%	66.2%	1,216	401	33.0%	39.2%	15,585	11,003	70.6%	73.1%
8	50,758	38,265	75.4%	75.6%	9,360	5,295	56.6%	61.9%	8,289	2,126	25.6%	28.6%	68,407	45,686	66.8%	67.9%
9	8,799	5,691	64.7%	65.0%	1,406	788	56.0%	60.7%	6,383	1,663	26.1%	30.0%	16,588	8,142	49.1%	52.6%
10	69,362	48,110	69.4%	72.2%	16,359	6,639	40.6%	46.3%	30,536	5,002	16.4%	23.9%	116,257	59,751	51.4%	55.2%
R 7-10	141,507	101,576	71.8%	73.5%	28,906	13,814	47.8%	53.4%	46,424	9,192	19.8%	25.9%	216,837	124,582	57.5%	60.4%
TOTAL	284,141	219,654	77.3%	78.3%	38,971	19,413	49.8%	55.2%	56,018	11,826	21.1%	26.7%	379,130	250,893	66.2%	68.4%





Society Memberships

						IE	EE Soci	etv Memb	ership T	otals as	of July 20	120								
SOCIETY / DIVISION		ier Grade ibers	Chs	inge	IEEE S	tudent		ange		Affiliates		nge	Society	Totals	Cha	ngo		Totals	Cha	ngo
	(includin	g GSMs)		_		bers		_				Ĭ	•	filiates)		_	(without	,		Ĭ
IEEE Societies DIVISION I	2020	2019	#	%	2020	2019	#	%	2020	2019	#	%	2020	2019	#	%	2020	2019	#	%
Circuits & Systems	9,255	9,112	143	1.6%	806	509	297	58.3%	30	30	0	0.0%	10,091	9,651	440	4.6%	10,061	9,621	440	4.6%
Electron Devices	8,452	8,725	-273	-3.1%	505	735	-230	-31.3%	54	59	-5	-8.5%	9,011	9,519	-508	-5.3%	8,957	9,460	-503	-5.3%
Solid-State Circuits Div I Subtotal	9,337 27,044	9,489 27,326	-152 -282	-1.6% -1.0%	145 1,456	247 1,491	-102 -35	-41.3% -2.3%	93 177	98 187	-5 -10	-5.1% -5.3%	9,575 28,677	9,834 29,004	-259 -327	-2.6% -1.1%	9,482 28,500	9,736 28,817	-254 -317	-2.6% -1.1%
DIVISION II	21,044	21,320	-202	-1.070	1,430	1,431	-55	-2.570	177	107	-10	-5.576	20,011	23,004	-321	-1.170	20,300	0	-517	-1.170
Electronics Packaging	2,150	2,172	-22	-1.0%	74	65	9	13.8%	26	21	5	23.8%	2,250	2,258	-8	-0.4%	2,224	2,237	-13	-0.6%
Dielectrics & Electrical Insulation	1,758	1,878	-120	-6.4%	15	20	-5	-25.0%	18	24	-6	-25.0%	1,791	1,922	-131	-6.8%	1,773	1,898	-125	-6.6%
Industry Applications	9,276	10,190	-914	-9.0%	2,238	3,625	-1,387	-38.3%	29	42	-13	-31.0%	11,543	13,857	-2,314	-16.7%	11,514	13,815	-2,301	-16.7%
Instrumentation & Measurements	3,377	3,497	-120	-3.4%	122	138	-16	-11.6%	17	25	-8	-32.0%	3,516	3,660	-144	-3.9%	3,499	3,635	-136	-3.7%
Power Electronics	8,208	8,442	-234	-2.8%	474	1,539	-1,065	-69.2%	50	42	8	19.0%	8,732	10,023	-1,291	-12.9%	8,682	9,981	-1,299	-13.0%
Ultrasonics, Ferroelectrics,	1.909	1,986	-77	-3.9%	27	46	-19	-41.3%	42	37	5	13.5%	1,978	2,069	-91	-4.4%	1,936	2,032	-96	-4.7%
Freq Ctrl Div II Subtotal	26,678	28,165	-1,487	-5.3%	2,950	5,433	-2,483	-45.7%	182	191	-9	-4.7%	29,810	33,789	-3,979	-11.8%	29,628	33,598	-3,970	-11.8%
DIVISION III	25,010	25,100	.,101	0.070	2,300	5, 700	2,400		.02	.,,		70	20,010	55,700	5,310		25,020	55,555	0,010	
Communications	24,707	23,290	1,417	6.1%	1,720	953	767	80.5%	266	284	-18	-6.3%	26,693	24,527	2,166	8.8%	26,427	24,243	2,184	9.0%
DIVISION IV Antennas & Propagation	8,220	8,288	-68	-0.8%	325	305	20	6.6%	58	62	-4	-6.5%	8.603	8,655	-52	-0.6%	8.545	8,593	-48	-0.6%
Broadcast Technology	1,362	1,470	-108	-7.3%	88	58	30	51.7%	44	58	-14	-24.1%	1,494	1,586	-92	-5.8%	1,450	1,528	-78	-5.1%
Consumer Electronics	2,078	2,372	-294	-12.4%	54	57	-3	-5.3%	12	15	-3	-20.0%	2,144	2,444	-300	-12.3%	2,132	2,429	-297	-12.2%
Electromagnetic Compatibility	3,267	3,350	-83	-2.5%	39	40	-1	-2.5%	40	43	-3	-7.0%	3,346	3,433	-87	-2.5%	3,306	3,390	-84	-2.5%
Magnetics	2,398	2,560	-162	-6.3%	35	41	-6	-14.6%	54	59	-5	-8.5%	2,487	2,660	-173	-6.5%	2,433	2,601	-168	-6.5%
Microwave Theory & Techniques	9,859	9,949	-90	-0.9%	216	298	-82	-27.5%	34	35	-1	-2.9%	10,109	10,282	-173	-1.7%	10,075	10,247	-172	-1.7%
Nuclear & Plasma Sciences	2,661	2,869	-208	-7.2%	907	975	-68	-7.0%	34	37	-3	-8.1%	3,602	3,881	-279	-7.2%	3,568	3,844	-276	-7.2%
Div IV Subtotal	29,845	30,858	-1,013	-3.3%	1,664	1,774	-110	-6.2%	276	309	-33	-10.7%	31,785	32,941	-1,156	-3.5%	31,509	32,632	-1,123	-3.4%
DIVISION V/VIII	37,282	35,029	2,253	6.4%	4,219	5,172	-953	-18.4%	4,108	4,899	-791	-16.1%	45,609	45,100	509	1.1%	41,501	40,201	1,300	3.2%
Computer DIVISION VI	31,202	35,029	2,255	0.476	4,219	5,172	-953	-10.476	4,100	4,099	-791	-10.176	45,603	45,100	509	1.170	41,501	40,201	1,300	3.276
Education	3,001	3,019	-18	-0.6%	57	66	-9	-13.6%	37	33	4	12.1%	3,095	3,118	-23	-0.7%	3,058	3,085	-27	-0.9%
Industrial Electronics	7,326 711	6,828 762	498 -51	7.3% -6.7%	1,290	204 12	1,086	532.4% -100.0%	23	24	-1 0	-4.2% 0.0%	8,639 726	7,056 789	1,583 -63	-8.0%	8,616 711	7,032 774	1,584 -63	22.5% -8.1%
Product Safety Engineering Professional Communication	490	510	-20	-3.9%	0 15	23	-12 -8	-34.8%	15 33	15 32	1	3.1%	538	565	-63	-6.0%	505	533	-63 -28	-5.3%
Reliability	1,379	1,485	-106	-7.1%	14	18	-4	-22.2%	17	31	-14	-45.2%	1,410	1,534	-124	-8.1%	1,393	1,503	-110	-7.3%
Social Implications of Technology	1,372	1,400	-28	-2.0%	119	161	-42	-26.1%	18	20	-2	-10.0%	1,509	1,581	-72	-4.6%	1,491	1,561	-70	-4.5%
Technology and Engineering	2,466	2,662	-196	-7.4%	202	94	108	114.9%	37	38	-1	-2.6%	2,705	2,794	-89	-3.2%	2,668	2,756	-88	-3.2%
Management Society Div VI Subtotal		-	79	0.5%	1,697	578		193.6%	180	193	-13	-6.7%	18,622	-	1,185	6.8%	18,442	-		6.9%
DIVISION VII	16,745	16,666	79	0.5%	1,697	5/0	1,119	193.6%	160	193	-13	-0.7%	10,022	17,437	1,105	6.0%	10,442	17,244	1,198	6.9%
Power & Energy	28,554	29,377	-823	-2.8%	5,214	5,874	-660	-11.2%	400	397	3	0.8%	34,168	35,648	-1,480	-4.2%	33,768	35,251	-1,483	-4.2%
DIVISION IX																				
Aerospace & Electronic Systems	4,410	4,283	127	3.0%	271	265	6	2.3%	29	21	8	38.1%	4,710	4,569	141	3.1%	4,681	4,548	133	2.9%
Geoscience & Remote	3,707	3,672	35	1.0%	173	240	-67	-27.9%	159	202	-43	-21.3%	4,039	4,114	-75	-1.8%	3,880	3,912	-32	-0.8%
Sensing Information Theory	3,533	3,005	528	17.6%	93	74	19	25.7%	30	36	-6	-16.7%	3,656	3,115	541	17.4%	3,626	3,079	547	17.8%
Intelligent Transportation	1,742	1,883	-141	-7.5%	35	57	-22	-38.6%	22	46	-24	-52.2%	1,799	1,986	-187	-9.4%	1,777	1,940	-163	-8.4%
Systems Oceanic Engineering	1,588	1,584	4	0.3%	61	79	-18	-22.8%	23	30	-7	-23.3%	1,672	1,693	-21	-1.2%	1,649	1,663	-14	-0.8%
Signal Processing	15,393	15,418	-25	-0.2%	1,478	1,197	281	23.5%	274	347	-73	-21.0%	17,145	16,962	183	1.1%	16,871	16,615	256	1.5%
Vehicular Technology	4,579	4,588	-9	-0.2%	126	138	-12	-8.7%	34	29	5	17.2%	4,739	4,755	-16	-0.3%	4,705	4,726	-21	-0.4%
DIVISION X	34,952	34,433	519	1.5%	2,237	2,050	187	9.1%	571	711	-140	-19.7%	37,760	37,194	566	1.5%	37,189	36,483	706	1.9%
Computational Intelligence	6,848	6,659	189	2.8%	294	438	-144	-32.9%	105	91	14	15.4%	7,247	7,188	59	0.8%	7,142	7,097	45	0.6%
Control Systems	7,442	7,620	-178	-2.3%	151	203	-52	-25.6%	58	58	0	0.0%	7,651	7,881	-230	-2.9%	7,593	7,823	-230	-2.9%
Engineering in Medicine & Biology	7,091	7,953	-862	-10.8%	778	1,104	-326	-29.5%	212	335	-123	-36.7%	8,081	9,392	-1,311	-14.0%	7,869	9,057	-1,188	-13.1%
Photonics	5,511	5,623	-112	-2.0%	667	348	319	91.7%	97	160	-63	-39.4%	6,275	6,131	144	2.3%	6,178	5,971	207	3.5%
Robotics & Automation	10,717	10,855	-138	-1.3%	2,169	2,535	-366	-14.4%	139	136	3	2.2%	13,025	13,526	-501	-3.7%	12,886	13,390	-504	-3.8%
Systems, Man & Cybernetics	4,252	4,825	-573	-11.9%	95	151	-56	-37.1%	25	30	-5	-16.7%	4,372	5,006	-634	-12.7%	4,347	4,976	-629	-12.6%
Div X Subtotal	41,861	43,535	-1,674	-3.8%	4,154	4,779	-625	-13.1%	636	810	-174	-21.5%	46,651	49,124	-2,473	-5.0%	46,015	48,314	-2,299	-4.8%
TOTAL	000	000			0.5	00							000	004			000	000		
TOTAL	267,668	268,679	-1,011	-0.4%	25,311	28,104	-2,793	-9.9%	6,796	7,981	-1,185	-14.8%	299,775	304,764	-4,989	-1.6%	292,979	296,783	-3,804	-1.3%





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 '20	This Month '19	YoY # Chg	YoY % Chg
Fellow	139	124	15	+12.1%
Senior Member	1,127	1,016	111	+10.9%
Member	3,886	3,870	16	+0.4%
Associate Member	107	122	(15)	-12.3%
Graduate Student	2,368	2,124	244	+11.5%
Student	11,810	10,177	1,633	+16.0%
Total	19,437	17,433	2,004	+11.5%

Region	This Month '20	This Month '19	YoY # Chg	YoY % Chg
U.S.	3,149	3,187	(38)	-1.2%
Canada	430	382	48	+12.6%
Europe, Middle East, Africa	3,264	2,838	426	+15.0%
Latin America	2,311	2,594	(283)	-10.9%
Asia Pacific	10,283	8,432	1,851	+22.0%
Total	19,437	17,433	2,004	+11.5%

IEEE STANDARDS ASSOCIATION

Grade	This Month '20	This Month '19	YoY # Chg	YoY % Chg
Student	41	45	-4	-8.9%
Higher Grade	6,455	6,404	51	+0.8%
Affiliate	54	60	-6	-10.0%
SA Only Members	723	660	63	+9.5%
Total	7,273	7,169	104	+1.5%

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 (GSM) 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.

	Ged	ographic	IEEE You	ng Profes	ssional M	embershi	p - July 2	020	
Region	Highei	r Grade w/	o GSM	GSN	/I w/o Stud	ents		Total	
	2020	2019		2020	2019		2020	2019	
	#	#	% Change	#	#	% Change	#	#	% Change
1	2,838	3,122	-9.1%	1,305	1,424	-8.4%	4,143	4,546	-8.9%
2	2,303	2,470	-6.8%	1,163	1,302	-10.7%	3,466	3,772	-8.1%
3	2,764	2,870	-3.7%	1,737	1,955	-11.2%	4,501	4,825	-6.7%
4	2,180	2,383	-8.5%	1,282	1,418	-9.6%	3,462	3,801	-8.9%
5	2,738	2,940	-6.9%	1,336	1,465	-8.8%	4,074	4,405	-7.5%
6	5,576	5,894	-5.4%	2,114	2,286	-7.5%	7,690	8,180	-6.0%
R 1-6	18,399	19,679	-6.5%	8,937	9,850	-9.3%	27,336	29,529	-7.4%
7	2,331	2,576	-9.5%	1,770	2,027	-12.7%	4,101	4,603	-10.9%
8	10,783	11,047	-2.4%	9,097	10,037	-9.4%	19,880	21,084	-5.7%
9	2,082	2,214	-6.0%	1,179	1,327	-11.2%	3,261	3,541	-7.9%
10	17,098	16,934	1.0%	16,181	16,754	-3.4%	33,279	33,688	-1.2%
R 7-10	32,294	32,771	-1.5%	28,227	30,145	-6.4%	60,521	62,916	-3.8%
TOTAL	50,693	52,450	-3.3%	37,164	39,995	-7.1%	87,857	92,445	-5.0%



ETA KAPPA NU

Electrical and Computer Engineering Honor Society

Active IEEE Members that belong to Eta Kappa Nu

Geographic IEEE HKN Membership - July 2020									
Region	Higher Grade w/o GSM			Students			Total		
	2020	2019	% Change	2020	2019	% Change	2020	2019	% Change
1	1,052	1,207	-12.8%	315	422	-25.4%	1,367	1,629	-16.1%
2	1,013	1,077	-5.9%	279	326	-14.4%	1,292	1,403	-7.9%
3	1,000	1,061	-5.7%	282	390	-27.7%	1,282	1,451	-11.6%
4	794	821	-3.3%	341	488	-30.1%	1,135	1,309	-13.3%
5	1,047	1,179	-11.2%	328	416	-21.2%	1,375	1,595	-13.8%
6	1,379	1,518	-9.2%	477	659	-27.6%	1,856	2,177	-14.7%
R 1-6	6,285	6,863	-8.4%	2,022	2,701	-25.1%	8,307	9,564	-13.1%
7	42	42	0.0%	5	7	-28.6%	47	49	-4.1%
8	145	135	7.4%	85	80	6.3%	230	215	7.0%
9	50	43	16.3%	24	31	-22.6%	74	74	0.0%
10	142	135	5.2%	84	101	-16.8%	226	236	-4.2%
R 7-10	379	355	6.8%	198	219	-9.6%	577	574	0.5%
TOTAL	6,664	7,218	-7.7%	2,220	2,920	-24.0%	8,884	10,138	-12.4%