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1.2 % Gain in IEEE Membership in '04

Total IEEE membership for the calendar year 2004 ended at 365,483 members. This represents a 1.2% increase over 2003.

The 2004 year ended with Region 10, with 63,548 members, taking the lead as the largest IEEE Region. R10 also has the largest population of Student members, while Region 6 remains the leader in total Higher Grade memberships. Overall, the geographic results were mixed in 2004, as all six U.S. Regions experienced a decline in their membership totals, while the four non-U.S. Regions all saw increases – including quite noteworthy gains of 6.3% and 6.7% in Regions 8 and 10 respectively. Some of these gains are likely attributable to a weak U.S. dollar, which has had the effect of making membership more affordable in certain geographic areas.

Membership Snapshot		
	December 2004	% Change
Total Membership	365,483	1.2%
- Higher Grade	297,125	-0.1%
- Students	68,358	7.0%
Society Memberships	352,141	-4.6%

Higher Grade memberships finished the year essentially unchanged from 2003. The year-end total of 297,125 is 153 members less than we had in December 2003 (-0.1%). Here again, all six U.S. Regions showed decreases (along with R9); while R7, R8 and R10 were able to grow their HG membership totals.

As was the case in 2003, Life members were again required to return a renewal profile to IEEE in order to retain active membership for 2004 – and 2,124 of them did not do so. This is in addition to 5,670 Life members who did not return a profile in 2003. Since over 90% of Life members are in the U.S., this change in our process is at least part of the explanation behind the weak membership performance in the U.S.

Student memberships climbed to 68,358 (+7.0%) at the end of December, representing one of the bright spots in the 2004 membership results. Student increases were seen in eight of the ten IEEE Regions, with double-digit percentage gains in both R8 and R9.

Society memberships, at 352,141, were down from 2003, but did manage to end the year on a slight upswing. Year-to-year performance improved from -5.5% in October, to -4.6% in December. Unfortunately, however, the -4.6% still represents a loss of nearly 17,000 memberships from the previous year. It is also the third straight year that IEEE has experienced a decline in the number of Society memberships held.

Only four Societies showed any improvement over 2003. These were Geoscience and Remote Sensing (+10.5%); Social Implications of Technology (+1.2%); Robotics and Automation (+0.8%); and Ultrasonics, Ferroelectrics, and Frequency Control (+0.8%).

Fewer and fewer members are choosing Society membership. As of December 2004, 44% of our members did not belong to any Society. This is up from 42% one year ago. Even removing Student members from the calculation, we still find that in 2004, nearly 40% of our Higher Grade members chose not to belong to any IEEE Society.

IEEE Launches Membership Portal & myIEEE

On January 4, 2005, the IEEE officially launched its Membership portal. The project is in response to member dissatisfaction with the IEEE Web presence and the need to improve communications about membership offerings and value. The portal consists of two parts: a public space devoted to marketing membership, and a new IEEE members-only area called "myIEEE."

The public site packages the value and benefits of IEEE Membership, and showcases the availability of Society and Standards memberships. Highlights include the consolidation of member benefits through drop down menus, a featured benefits module, member profile showcase, timely membership-related announcements, and reference resources.

Member benefits are randomly featured on the public site and are accessible from the drop down menus: Knowledge, Community, and Profession. The member showcase features the profiles of existing IEEE members, with an option to view biographies. Timely announcements related to membership are accessible from the public site as well as links to supplemental membership information. Technology memberships that are available to IEEE members randomly rotate on the public site, and include all 39 Societies and the Standards Association.



MyIEEE, which is the members-only area, requires an IEEE Web account for access. It seamlessly displays personalized information about grade, Section affiliation, active memberships, and upcoming conferences respective to membership. Access to the most commonly-used membership utilities – joining, renewing, adding services, and updating your profile – is consolidated to and accessible from one module. A new feature called "Service Advisor" utilizes a Member's technical interest profile (TIP) to offer recommendations for membership and publication offerings from IEEE.

Visit the new IEEE Membership portal at: <http://www.ieee.org/myieee>.

Fellow Nominations Deadline Reminder

All individuals nominated for IEEE Fellow grade **must be an IEEE Senior Member at the time of their nomination**. Anyone nominating a member for Fellow grade should ensure that their nominee is currently a Senior Member. If they are not, there is just one Admission and Advancement (A&A) Senior Member Review Panel remaining before the 1 March 2005 cut-off date for Fellow nominations. This Senior Member Review Panel will be held on 19 February 2005, in San Francisco, CA. Completed applications for Senior Member grade and all required references must be received at least 10 days prior to each Review Panel meeting in order to be considered.

For more information on the IEEE Fellow program and the Fellow nomination process, please visit this Web site: <http://www.ieee.org/about/awards/fellows/fellows.htm>. Questions regarding application for Senior Member grade can be sent to senior-member@ieee.org or information can be obtained online at <http://www.ieee.org/seniormember>.

The Deadline for Fellow Nominations is 1 March 2005.
Fellow nominees must hold Senior Member grade at the time of their nomination.

Influencing Future Engineers

The IEEE Educational Activities Board (EAB) has several resources available to members that focus on pre-college students, teachers and guidance counselors.

EAB's **Teacher In-Service Program** features IEEE Section volunteers developing and presenting technologically-oriented subject matter to local pre-college educators in an in-service or professional development setting. The focus on local school districts is a key element of this program, as local engineers and educators can develop long lasting collaborations. Educational Activities has converted fifteen activities from the Teacher In-Service Program into complete lesson plans (in both English and Spanish) that teachers and volunteers can use in classrooms. Each lesson is aligned with education standards, and includes teacher summaries, student worksheets, and activities.



For more information on the program, please go to: <http://www.ieee.org/organizations/eab/precollege/tispt>.

Plan Now to Promote Half-Year Dues

March 1st begins the half-year dues period for anyone joining IEEE, or adding a new Society membership or subscription to their IEEE membership. Individuals joining IEEE or one of its Societies at this time pay just one-half the normal dues rate.



Membership services start immediately upon joining, and run through the balance of the current calendar year. Therefore for just half the normal rate, a new member can experience as much as 10 full months of membership (March to December). This makes it a great time for IEEE recruiters to invite colleagues and classmates to join IEEE, or for current IEEE members to think about sampling a new IEEE society. Get the word out!

MD Volunteers might want to begin planning for a membership promotion event using the half-year rates. This is great way for someone to sample membership, since it requires a little less of an up-front commitment. Start now to be ready for your first meeting in March 2005.

Direct Mail Campaign Gets New Members

The IEEE Membership Development department launched a new, direct mail, member recruitment campaign in November 2004. The campaign had two objectives – to increase IEEE awareness among working engineers, and to encourage prospective members to join IEEE as full dues paying members.

Approximately 50,000 recruitment booklets were mailed to non-IEEE members in the United States. These non-members are electrical and electronics engineers who currently subscribe to various technical publications. The prospective members were encouraged to join IEEE, and were offered a \$15 discount off their first year's membership dues as an incentive to join.

The outreach resulted in 316 new IEEE members, along with 186 new Society memberships. Total dues revenue generated was approximately \$48,000.



For additional information about this campaign, contact Felicia Taylor at f.taylor@ieee.org.

Geographic IEEE Membership Summary December 2004

Region	Higher Grade Members		Change		Student Members		Change		Total Members		Change	
	2004	2003	#	%	2004	2003	#	%	2004	2003	#	%
1	35,930	37,266	-1,336	-3.6%	4,022	4,039	-17	-0.4%	39,952	41,305	-1,353	-3.3%
2	30,246	30,678	-432	-1.4%	3,824	3,798	26	0.7%	34,070	34,476	-406	-1.2%
3	26,078	26,553	-475	-1.8%	4,642	4,699	-57	-1.2%	30,720	31,252	-532	-1.7%
4	20,598	20,933	-335	-1.6%	4,134	4,050	84	2.1%	24,732	24,983	-251	-1.0%
5	25,611	26,203	-592	-2.3%	4,516	4,456	60	1.3%	30,127	30,659	-532	-1.7%
6	54,466	55,309	-843	-1.5%	7,074	6,802	272	4.0%	61,540	62,111	-571	-0.9%
US	192,929	196,942	-4,013	-2.0%	28,212	27,844	368	1.3%	221,141	224,786	-3,645	-1.6%
7	11,901	11,681	220	1.9%	3,206	3,184	22	0.7%	15,107	14,865	242	1.6%
8	40,504	39,226	1,278	3.3%	12,967	11,069	1,898	17.1%	53,471	50,295	3,176	6.3%
9	6,497	6,622	-125	-1.9%	5,719	5,032	687	13.7%	12,216	11,654	562	4.8%
10	45,294	42,807	2,487	5.8%	18,254	16,731	1,523	9.1%	63,548	59,538	4,010	6.7%
Non-US	104,196	100,336	3,860	3.8%	40,146	36,016	4,130	11.5%	144,342	136,352	7,990	5.9%
Total	297,125	297,278	-153	-0.1%	68,358	63,860	4,498	7.0%	365,483	361,138	4,345	1.2%

MEMBERSHIP COMPARISON

Grade Categories Summary December 2004

Grade	Active Dec 2004	Active Dec 2003	Gain/Loss	% Gain/Loss
Honorary	24	25	-1	-4.0%
Fellow	5,666	5,602	64	1.1%
Senior Member	27,007	26,487	520	2.0%
Member	237,821	235,787	2,034	0.9%
Associate	26,607	29,377	-2,770	-9.4%
Student	68,358	63,860	4,498	7.0%
Total	365,483	361,138	4,345	1.2%
Affiliates	27,294	30,660	-3,366	-11.0%

WOMEN IN ENGINEERING

Grade	Dec-04	Dec-03	Change	% Change
Fellow	19	16	3	18.8%
Life members*	47	40	7	17.5%
Sr. Member	138	111	27	24.3%
Member	2,535	2,140	395	18.5%
Associate	343	416	-73	-17.5%
Student*	7,583	6,071	1,512	24.9%
Total	10,665	8,794	1,871	21.3%

* Membership in WIE is free for Life Members and Students

MEMBERSHIP BY DUES CATEGORY*

Category	Aug-04	Aug-03	Change	% Change
Minimum Income	15,460	12,878	2,582	20.0%
Unemployed	7,734	7,829	-95	-1.2%
Retired	4,630	4,437	193	4.3%
Recent Grad	7,742	6,657	1,085	16.3%
Students	74,433	70,542	3,891	5.5%
Life members	24,663	25,557	-894	-3.5%
Full Dues Paying	210,693	213,145	-2,452	-1.2%

* Above data is for the 2004 Dues Year
which runs from September through August

2005 Dues Year information will appear in Jan 2005

STANDARDS ASSOCIATION MEMBERSHIP

Grade	Dec-04	Dec-03	Change	% Change
Students	249	683	-434	-63.5%
HG Members	7,747	10,143	-2,396	-23.6%
Affiliates	236	362	-126	-34.8%
Total	8,232	11,188	-2,956	-26.4%

IEEE Society Membership Totals for December 2004

	IEEE Higher Grade Members		Change		IEEE Student Members		Change		IEEE Society Affiliates		Change		Society Totals		Change	
	2004	2003	#	%	2004	2003	#	%	2004	2003	#	%	2004	2003	#	%
IEEE Societies																
DIVISION I - Circuits & Devices																
Circuits & Systems	10,662	12,187	-1,525	-12.5%	1,431	1,931	-500	-25.9%	26	32	-6	-18.8%	12,119	14,150	-2,031	-14.4%
Components, Packaging & Mfg Tech	2,928	3,097	-169	-5.5%	192	215	-23	-10.7%	7	12	-5	-41.7%	3,127	3,324	-197	-5.9%
Electron Devices	10,635	11,205	-570	-5.1%	831	1,068	-237	-22.2%	28	24	4	16.7%	11,494	12,297	-803	-6.5%
Lasers & Electro-Optics	6,657	7,087	-430	-6.1%	1,288	1,384	-96	-6.9%	79	112	-33	-29.5%	8,024	8,583	-559	-6.5%
Solid-State Circuits	11,156	11,746	-590	-5.0%	1,174	1,490	-316	-21.2%	31	29	2	6.9%	12,361	13,265	-904	-6.8%
Subtotal	42,038	45,322	-3,284	-7.2%	4,916	6,088	-1,172	-19.3%	171	209	-38	-18.2%	47,125	51,619	-4,494	-8.7%
DIVISION II - Industrial Applications																
Dielectrics & Electrical Insulation	1,902	2,052	-150	-7.3%	81	109	-28	-25.7%	4	4	0	0.0%	1,987	2,165	-178	-8.2%
Industry Applications	9,466	9,761	-295	-3.0%	390	625	-235	-37.6%	8	7	1	14.3%	9,864	10,393	-529	-5.1%
Instrumentation & Measurements	4,067	4,150	-83	-2.0%	261	344	-83	-24.1%	13	11	2	18.2%	4,341	4,505	-164	-3.6%
Power Electronics	5,082	5,295	-213	-4.0%	522	624	-102	-16.3%	4	3	1	33.3%	5,608	5,922	-314	-5.3%
Subtotal	20,517	21,258	-741	-3.5%	1,254	1,702	-448	-26.3%	29	25	4	16.0%	21,800	22,985	-1,185	-5.2%
DIVISION III - Communications																
Communications	38,919	42,527	-3,608	-8.5%	7,705	5,014	2,691	53.7%	328	404	-76	-18.8%	46,952	47,945	-993	-2.1%
DIVISION IV - Electromagnetic Compatibility																
Antennas & Propagation	7,207	7,441	-234	-3.1%	837	854	-17	-2.0%	6	7	-1	-14.3%	8,050	8,302	-252	-3.0%
Broadcast Technology	1,803	1,868	-65	-3.5%	157	174	-17	-9.8%	13	4	9	225.0%	1,973	2,046	-73	-3.6%
Consumer Electronics	2,882	2,897	-15	-0.5%	268	280	-12	-4.3%	11	11	0	0.0%	3,161	3,188	-27	-0.8%
Electromagnetic Compatibility	4,052	4,141	-89	-2.1%	195	212	-17	-8.0%	4	4	0	0.0%	4,251	4,357	-106	-2.4%
Magnetics	2,591	2,625	-34	-1.3%	200	271	-71	-26.2%	26	28	-2	-7.1%	2,817	2,924	-107	-3.7%
Microwave Theory & Techniques	10,791	10,825	-34	-0.3%	1,230	1,277	-47	-3.7%	6	6	0	0.0%	12,027	12,108	-81	-0.7%
Nuclear & Plasma Sciences	2,619	2,726	-107	-3.9%	201	229	-28	-12.2%	46	51	-5	-9.8%	2,866	3,006	-140	-4.7%
Subtotal	31,945	32,523	-578	-1.8%	3,088	3,297	-209	-6.3%	112	111	1	0.9%	35,145	35,931	-786	-2.2%
DIVISION V/VIII - Computer																
Computer	59,845	62,646	-2,801	-4.5%	7,364	8,110	-746	-9.2%	25,637	28,955	-3,318	-11.5%	92,846	99,711	-6,865	-6.9%
DIVISION VI - Engineering & Human Environment																
Education	2,835	2,887	-52	-1.8%	209	214	-5	-2.3%	27	19	8	42.1%	3,071	3,120	-49	-1.6%
Engineering Management	5,879	6,102	-223	-3.7%	395	413	-18	-4.4%	85	84	1	1.2%	6,359	6,599	-240	-3.6%
Product Safety Engineering	458	191	267	139.8%	13	6	7	116.7%	1	1	0	0.0%	472	198	274	138.4%
Professional Communication	1,096	1,165	-69	-5.9%	110	112	-2	-1.8%	124	145	-21	-14.5%	1,330	1,422	-92	-6.5%
Reliability	1,957	2,224	-267	-12.0%	72	86	-14	-16.3%	9	10	-1	-10.0%	2,038	2,320	-282	-12.2%
Social Implications of Technology	1,786	1,743	43	2.5%	153	165	-12	-7.3%	25	32	-7	-21.9%	1,964	1,940	24	1.2%
Subtotal	14,011	14,312	-301	-2.1%	952	996	-44	-4.4%	271	291	-20	-6.9%	15,234	15,599	-365	-2.3%

IEEE Society Membership Totals for December 2004

	IEEE Higher Grade Members		Change		IEEE Student Members		Change		IEEE Society Affiliates		Change		Society Totals		Change	
IEEE Societies	2004	2003	#	%	2004	2003	#	%	2004	2003	#	%	2004	2003	#	%
DIVISION VII - Power Engineering																
Power Engineering	20,108	20,476	-368	-1.8%	1,210	1,284	-74	-5.8%	46	32	14	43.8%	21,364	21,792	-428	-2.0%
DIVISION IX - Signals & Applications																
Aerospace & Electronic Systems	4,606	4,730	-124	-2.6%	439	471	-32	-6.8%	19	21	-2	-9.5%	5,064	5,222	-158	-3.0%
Geoscience & Remote Sensing	2,336	2,236	100	4.5%	333	261	72	27.6%	240	136	104	76.5%	2,909	2,633	276	10.5%
Oceanic Engineering	1,446	1,414	32	2.3%	137	175	-38	-21.7%	5	6	-1	-16.7%	1,588	1,595	-7	-0.4%
Signal Processing	13,926	14,104	-178	-1.3%	1,718	2,015	-297	-14.7%	71	87	-16	-18.4%	15,715	16,206	-491	-3.0%
Ultrasonics, Ferroelectrics, Freq Ctrl	2,029	2,027	2	0.1%	164	150	14	9.3%	6	5	1	20.0%	2,199	2,182	17	0.8%
Vehicular Technology	3,898	4,140	-242	-5.8%	440	498	-58	-11.6%	7	5	2	40.0%	4,345	4,643	-298	-6.4%
Subtotal	28,241	28,651	-410	-1.4%	3,231	3,570	-339	-9.5%	348	260	88	33.8%	31,820	32,481	-661	-2.0%
DIVISION X - Systems & Control																
Computational Intelligence	4,492	4,455	37	0.8%	881	912	-31	-3.4%	109	137	-28	-20.4%	5,482	5,504	-22	-0.4%
Control Systems	7,588	7,907	-319	-4.0%	1,100	1,203	-103	-8.6%	19	23	-4	-17.4%	8,707	9,133	-426	-4.7%
Engineering in Medicine & Biology	6,467	6,456	11	0.2%	1,281	1,460	-179	-12.3%	100	85	15	17.6%	7,848	8,001	-153	-1.9%
Industrial Electronics	3,279	3,438	-159	-4.6%	393	454	-61	-13.4%	4	7	-3	-42.9%	3,676	3,899	-223	-5.7%
Information Theory	3,422	3,657	-235	-6.4%	481	638	-157	-24.6%	15	17	-2	-11.8%	3,918	4,312	-394	-9.1%
Robotics & Automation	4,648	4,639	9	0.2%	1,394	1,353	41	3.0%	51	51	0	0.0%	6,093	6,043	50	0.8%
Systems, Man & Cybernetics	3,385	3,456	-71	-2.1%	454	504	-50	-9.9%	51	53	-2	-3.8%	3,890	4,013	-123	-3.1%
Subtotal	33,281	34,008	-727	-2.1%	5,984	6,524	-540	-8.3%	349	373	-24	-6.4%	39,614	40,905	-1,291	-3.2%
TOTAL	288,905	301,723	-12,818	-4.2%	35,704	36,585	-881	-2.4%	27,291	30,660	-3,369	-11.0%	351,900	368,968	-17,068	-4.6%
* Intelligent Transportation Systems	202	0	202		36	0	36		3	0	3		241	0	241	
**Grand Total	289,107	301,723	-12,616	-4.2%	35,740	36,585	-845	-2.3%	27,294	30,660	-3,366	-11.0%	352,141	368,968	-16,827	-4.6%

* Intelligent Transportation Systems Society is a new IEEE Division X Society in the 2005 dues year.

** Grand Total Includes ITSS-038

Active IEEE Members as of December 2004

Grade	With Societies			Without Societies		Total
	Count	%	Avg # of Soc	Count	%	Membership Count
Higher Grade	179,548	60.4%	1.6	117,577	39.6%	297,125
Students	24,996	36.6%	1.4	43,362	63.4%	68,358
Total	204,544	56.0%	1.6	160,939	44.0%	365,483