

ANNUAL REPORT OF THE SECRETARY

1985



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, Inc.

345 East 47th Street, New York, N.Y. 10017, U.S.A



IEEE

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
345 EAST 47TH STREET, NEW YORK, N.Y. 10017-2394, U.S.A. TELEX 236411

To the Board of Directors of
The Institute of Electrical and Electronics Engineers, Inc.

Dear Members of the Board:

Part I of the Report of the Secretary for 1985 is presented herewith.
It contains information on:

- IEEE Membership Statistics
- Student Branch Membership Statistics
- Society Membership and Chapter Statistics
- Society Affiliate Statistics
- Member Technical Interest and IEEE Meeting/Conference Activity
- Organization Statistics
- Publications Statistics
- Educational Activities Statistics

Part II of the Report contains annual reports of the Institute's Boards and Committees, on file in Headquarters, the contents of which are summarized in various issues of THE INSTITUTE.

Respectfully submitted,

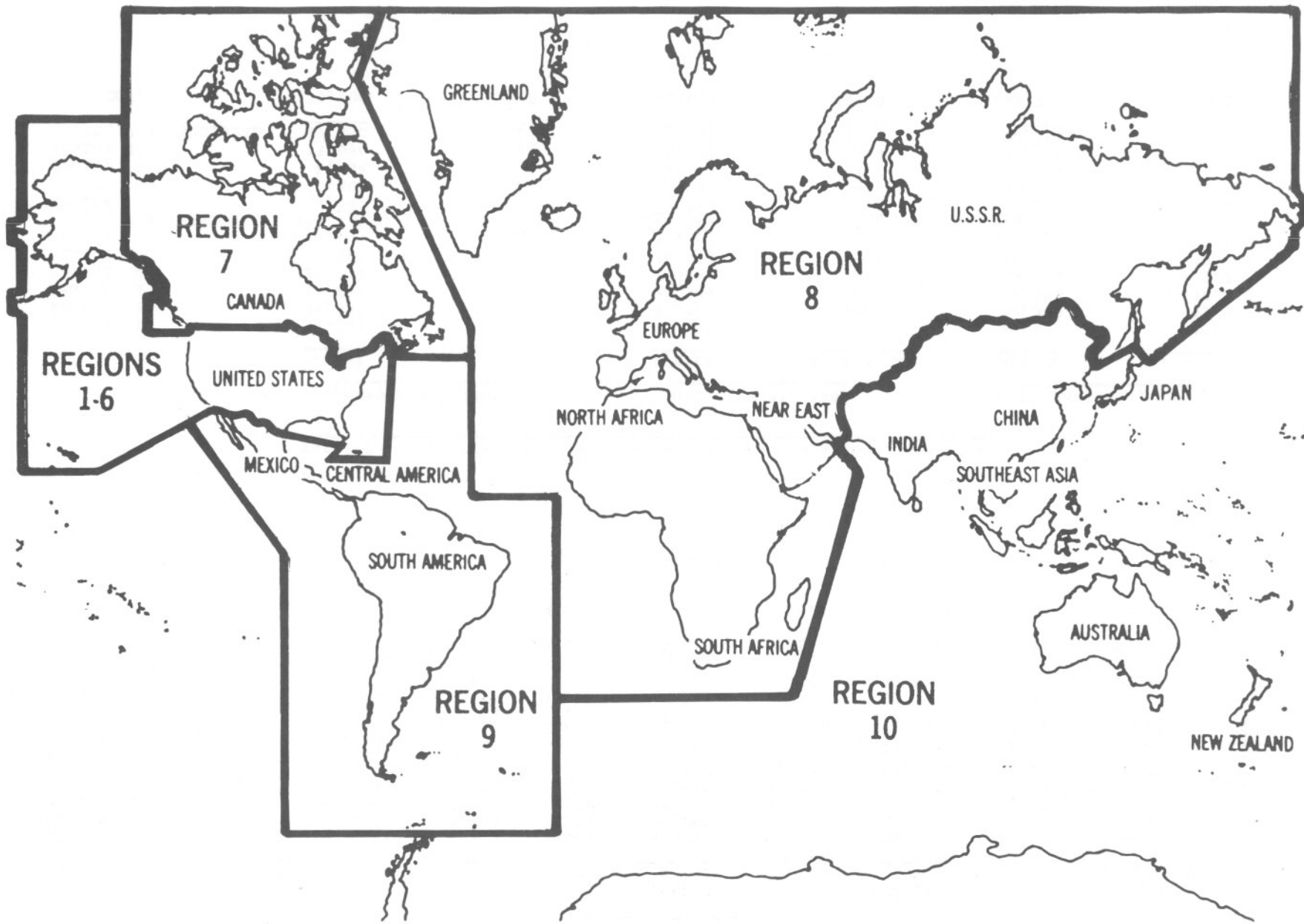
Walter E. Proebster
Secretary, 1985

February 1986

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SECTION A

TABLE 1 - IEEE MEMBERSHIP BY REGION AND GRADE
DECEMBER 31, 1985

	H	F	SM	M	VOTING MEMBERS	A	HIGHER GRADE SUBTOTAL	S	TOTAL MEMBERSHIP	% OF TOTAL
REGION 1	2	965	4,755	33,879	39,601	4,135	43,736	7,516	51,252	18.7
REGION 2	1	555	3,733	23,971	28,260	1,996	30,256	5,379	35,635	13.0
REGION 3		363	2,944	18,608	21,915	1,735	23,650	5,983	29,633	10.8
REGION 4	1	241	2,014	16,663	18,919	1,470	20,389	6,311	26,700	9.8
REGION 5	1	213	1,963	18,211	20,388	1,184	21,572	5,549	27,121	9.9
REGION 6	<u>4</u>	<u>745</u>	<u>4,713</u>	<u>39,010</u>	<u>44,472</u>	<u>3,017</u>	<u>47,489</u>	<u>6,320</u>	<u>53,809</u>	<u>19.8</u>
REG 1-6 SUBTOTAL	<u>9</u>	<u>3,082</u>	<u>20,122</u>	<u>150,342</u>	<u>173,555</u>	<u>13,537</u>	<u>187,092</u>	<u>37,058</u>	<u>224,150</u>	<u>82.0</u>
REGION 7		97	899	8,321	9,317	1,301	10,618	3,464	14,082	5.1
REGION 8	1	240	1,287	10,088	11,616	1,113	12,729	2,339	15,068	5.5
REGION 9		12	264	2,363	2,639	346	2,985	1,519	4,504	1.6
REGION 10	<u>2</u>	<u>162</u>	<u>948</u>	<u>10,324</u>	<u>11,436</u>	<u>890</u>	<u>12,326</u>	<u>3,570</u>	<u>15,896</u>	<u>5.8</u>
REG 7-10 SUBTOTAL	<u>3</u>	<u>511</u>	<u>3,398</u>	<u>31,096</u>	<u>35,008</u>	<u>3,650</u>	<u>38,658</u>	<u>10,892</u>	<u>49,550</u>	<u>18.0</u>
TOTAL	12	3,593	23,520	181,438	208,563	17,187	225,750	47,950	273,700	100.0

TABLE 2 - IEEE MEMBERSHIP BY REGION - 3 YEAR COMPARISON, 1983-1985

	<u>DECEMBER 31, 1985</u>		<u>DECEMBER 31, 1984</u>		<u>DECEMBER 31, 1983</u>	
	<u>NUMBER</u>	<u>% OF TOTAL</u>	<u>NUMBER</u>	<u>% OF TOTAL</u>	<u>NUMBER</u>	<u>% OF TOTAL</u>
REGION 1	51,252	18.7	49,386	18.8	47,471	19.1
REGION 2	35,635	13.0	33,928	12.9	32,343	13.0
REGION 3	29,633	10.8	28,323	10.8	26,305	10.6
REGION 4	26,700	9.8	25,036	9.5	24,158	9.7
REGION 5	27,121	9.9	26,163	10.0	24,907	10.0
REGION 6	<u>53,809</u>	<u>19.8</u>	<u>52,127</u>	<u>19.8</u>	<u>48,333</u>	<u>19.6</u>
REG 1-6 SUBTOTAL	<u>224,150</u>	<u>82.0</u>	<u>214,963</u>	<u>81.8</u>	<u>203,517</u>	<u>82.0</u>
REGION 7	14,082	5.1	13,562	5.2	12,850	5.2
REGION 8	15,068	5.5	14,502	5.5	13,770	5.5
REGION 9	4,504	1.6	4,484	1.7	4,500	1.8
REGION 10	<u>15,896</u>	<u>5.8</u>	<u>15,140</u>	<u>5.8</u>	<u>13,638</u>	<u>5.5</u>
REG 7-10 SUBTOTAL	<u>49,550</u>	<u>18.0</u>	<u>47,688</u>	<u>18.2</u>	<u>44,758</u>	<u>18.0</u>
TOTAL	273,700	100.0	262,651	100.0	248,275	100.0

SECTION A

TABLE 3 - IEEE LIFE MEMBERS BY GRADE - 3 YEAR COMPARISON

	DEC. 31, 1985	DEC. 31, 1984	DEC. 31, 1983
FELLOW	1,662	1,620	1,601
SENIOR MEMBER	6,207	5,684	5,306
MEMBER	4,455	3,769	3,424
ASSOCIATE	404	337	301
TOTAL	12,728	11,410	10,632

TABLE 4 - IEEE WOMEN MEMBERS BY GRADE - 3 YEAR COMPARISON

	DEC. 31, 1985	DEC. 31, 1984	DEC. 31, 1983
FELLOW	13	11	10
SENIOR MEMBER	120	109	101
MEMBER	7,733	6,505	5,372
ASSOCIATE	1,003	722	484
STUDENT	6,006	5,746	5,086
TOTAL	14,875	13,093	11,053

TABLE 5 - IEEE MEMBERSHIP BY GRADE, 1963 - 1985

YEAR	H	F	SM	M	VOTING MEMBERS	A	HIGHER GRADE SUBTOTAL	S	TOTAL
1963	5	2,589	26,274	82,750	111,618	14,215	125,833	28,676	154,509
1964	5	2,598	26,182	87,435	116,220	13,682	129,902	24,076	153,978
1965	5	2,682	26,387	87,916	116,990	12,949	129,939	24,259	154,198
1966	5	2,759	26,254	97,834	126,852	14,114	140,966	19,104	160,070
1967	4	2,817	25,411	94,746	122,978	12,991	135,969	22,248	158,217
1968	4	2,885	25,023	97,326	125,238	13,200	138,438	23,930	162,368
1969	4	2,917	24,815	101,058	128,794	13,235	142,029	24,319	166,348
1970	4	2,951	24,229	104,053	131,237	13,138	144,375	24,684	169,059
1971	4	3,004	23,802	105,919	132,729	12,766	145,495	20,987	166,482
1972	4	3,019	23,281	108,725	135,029	11,984	147,013	20,210	167,223
1973	4	3,017	22,561	108,854	134,436	11,210	145,646	22,169	167,815
1974	3	3,061	22,422	115,287	140,773	10,955	151,728	21,795	173,523
1975	2	3,058	22,133	119,567	144,760	10,738	155,498	24,318	179,816
1976	2	3,038	21,470	118,507	143,017	10,239	153,256	25,360	178,616
1977	2	3,087	21,207	122,839	147,135	10,603	157,738	25,283	183,021
1978	1	3,238	21,256	126,168	150,663	11,068	161,731	29,643	191,374
1979	1	3,308	21,442	133,775	158,526	11,908	170,434	31,239	201,673
1980	1	3,362	21,742	141,411	166,516	12,514	179,030	34,782	213,812
1981	3	3,406	21,818	147,085	172,312	12,197	184,509	37,238	221,747
1982	6	3,465	22,076	156,240	181,787	12,138	193,925	40,151	234,076
1983	9	3,485	23,044	163,951	190,489	12,730	203,219	45,056	248,275
1984	11	3,547	23,437	173,714	200,709	14,529	215,238	47,413	262,651
1985	12	3,593	23,520	181,438	208,563	17,187	225,750	47,950	273,700

SECTION A

TABLE 6 - IEEE MEMBERSHIP CHANGES, BY GRADE, DURING CALENDAR YEAR 1985, 3-YEAR COMPARISON

	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>HIGHER GRADE SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u>
ACTIVE MEMBERSHIP 12/31/84	11	3,547	23,437	173,714	14,529	215,238	47,413	262,651
<u>ADDITIONS</u>								
ELECTIONS	1	2	173	10,517	474	11,167	29,611	40,778
DUES ARREARS PAID		129	1,208	16,887	1,512	19,736	3,676	23,412
REINSTATEMENTS		0	49	1,145	93	1,287	299	1,586
TRANSFERS TO		<u>259</u>	<u>1,421</u>	<u>26,366</u>	<u>5,794</u>	<u>33,840</u>	<u>4,194</u>	<u>38,034</u>
TOTAL ADDITIONS	<u>1</u>	<u>390</u>	<u>2,851</u>	<u>54,915</u>	<u>7,873</u>	<u>66,030</u>	<u>37,780</u>	<u>103,810</u>
<u>DELETIONS</u>								
RESIGNATIONS		3	70	514	65	652	61	713
DECEASED		86	231	249	22	588	2	590
DUES ARREARS		136	1,574	36,637	4,625	42,972	10,452	53,424
TRANSFERS FROM		<u>119</u>	<u>893</u>	<u>9,791</u>	<u>503</u>	<u>11,306</u>	<u>26,728</u>	<u>38,034</u>
TOTAL DELETIONS		<u>344</u>	<u>2,768</u>	<u>47,191</u>	<u>5,215</u>	<u>55,518</u>	<u>37,243</u>	<u>92,761</u>
ACTIVE MEMBERSHIP 12/31/85	12	3,593	23,520	181,438	17,187	225,750	47,950	273,700
GAIN/LOSS	+1	+46	+83	+7,724	+2,658	+10,512	+537	+11,049
NET ARREARS		7	366	19,750	3,113	23,236	6,776	30,012
			<u>DECEMBER 31, 1985</u>	<u>DECEMBER 31, 1984</u>	<u>DECEMBER 31, 1983</u>			
<u>ADDITIONS</u>								
ELECTIONS		40,778		39,936		37,516		
REINSTATEMENTS		1,586		1,981		1,861		
DUE ARREARS PAID		<u>23,412</u>		<u>21,387</u>		<u>18,463</u>		
TOTAL ADDITIONS		65,776		63,304		57,840		
<u>DELETIONS</u>								
RESIGNATIONS		713		782		817		
DECEASED		590		603		506		
DUES ARREARS		<u>53,424</u>		<u>47,543</u>		<u>42,318</u>		
TOTAL DELETIONS		54,727		48,928		43,641		
NET GAIN/LOSS		+11,049		+14,376		+14,199		

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 1

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE	S	SUBSECTION	SECTION
							SUBTOTAL		TOTAL	TOTAL
01 00 01	BERKSHIRE		14	72	169	10	265	20		285
01 00 03	BINGHAMTON		5	77	588	55	725	101		826
01 01 05	BOSTON (CNEC)	2	211	875	7357	701	9146	1272		10418
01 01 05 03	MERRIMACK VALLEY (CNEC)		(15)	(116)	(1371)	(118)	(1620)	(162)	(1782)	
01 01 05 01	NORTHSHORE (CNEC)		(8)	(42)	(275)	(35)	(360)	(36)	(396)	
01 00 07	BUFFALO		5	113	552	59	729	336		1065
01 00 09	CONNECTICUT		54	389	2911	379	3733	542		4275
01 00 09 01	FAIRFIELD COUNTY		(22)	(176)	(1156)	(113)	(1467)	(85)	(1552)	
01 00 09 03	NEW LONDON		(4)	(32)	(315)	(30)	(381)	(47)	(428)	
01 00 13	ITHACA		18	28	141	6	193	196		389
01 03 15	LONG ISLAND (METSAC)		65	439	3003	427	3934	316		4250
01 00 17	MAINE		3	49	301	31	384	137		521
01 00 19	MID-HUDSON		17	130	1030	115	1292	156		1448
01 00 21	MOHAWK VALLEY		9	71	463	42	585	121		706
01 00 21 01	ST. LAWRENCE INT'L		(2)	(15)	(68)	(24)	(109)	(71)	(180)	
01 01 23	NEW HAMPSHIRE (CNEC)		17	127	1134	137	1415	138		1553
01 00 45	NEW JERSEY COAST		82	283	1875	185	2425	136		2561
01 03 25	NEW YORK (METSAC)		98	504	4054	932	5588	1614		7202
01 03 25 03	WESTCHESTER		(61)	(192)	(1266)	(205)	(1724)	(187)	(1911)	
01 03 27	NORTH JERSEY (METSAC)		141	598	3891	443	5073	567		5640
01 03 29	PRINCETON (METSAC)		67	240	1812	218	2337	437		2774
01 01 31	PROVIDENCE (CNEC)		21	105	1002	93	1221	242		1463
01 00 33	ROCHESTER		9	110	984	98	1201	183		1384
01 00 35	SCHENECTADY		88	282	697	49	1116	284		1400
01 00 37	SPRINGFIELD		6	27	283	23	339	264		603
01 00 39	SYRACUSE		24	135	638	45	842	152		994
01 00 41	VERMONT		7	40	348	33	428	154		582
01 01 43	WORCESTER COUNTY (CNEC)		4	61	646	54	765	148		913
	<u>REGION 1 TOTALS</u>	2	965	4755	33879	4135	43736	7516		51252
	<u>COUNCIL TOTALS</u>									
01 01	CENTRAL NE COUNCIL (CNEC)	2	253	1168	10139	985	12547	1800		14347
01 03	METRO SEC ADV COUNCIL (METSAC)		371	1781	12760	2020	16932	2934		19866

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 2

GEO CODE			SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE	S	SUBSECTION TOTAL	SECTION TOTAL
R	C	S SS							SUBTOTAL			
02	00	01	AKRON		5	62	383	30	480	108		588
02	00	21	ALLEGHENY MOUNTAIN		1	10	44	9	64	7		71
02	00	03	BALTIMORE		40	386	2828	170	3424	253		3677
02	00	03 01	ANNAPOLIS		(11)	(98)	(868)	(42)	(1019)	(61)	(1080)	
02	00	05	CANTON			19	138	25	182	72		254
02	00	07	CENTRAL PENNSYLVANIA		7	52	266	11	336	388		724
02	00	09	CINCINNATI		7	70	554	44	675	105		780
02	00	11	CLEVELAND		30	190	1165	89	1474	353		1827
02	00	13	COLUMBUS		21	153	810	163	1147	541		1688
02	00	13 05	ZANESVILLE			(7)	(15)	(2)	(24)		(24)	
02	00	15	DAYTON		11	129	1120	110	1370	178		1548
02	00	17	DELAWARE BAY		4	56	320	16	396	69		465
02	00	47	EASTERN SHORE		4	21	91	15	131	12		143
02	00	23	ERIE		4	48	132	9	193	44		237
02	00	25	JOHNSTOWN		1	23	112	8	144	56		200
02	00	27	LEHIGH VALLEY		29	148	1005	93	1275	332		1607
02	00	29	LIMA		3	19	84	9	115	119		234
02	00	31	NORTH CENTRAL OHIO		2	15	53	12	82	8		90
02	01	49	NORTHERN VIRGINIA (NCAC)			58	473	283	4623	235		4858
02	00	33	OHIO VALLEY			6	64	4	74	6		80
02	00	35	PHILADELPHIA		115	621	4121	349	5206	872		6078
02	00	37	PITTSBURGH	1	67	404	1732	123	2327	651		2978
02	00	37 01	UPPER MONONGAHELA		(1)	(9)	(95)	(4)	(109)	(63)	(172)	
02	00	39	SHARON		4	27	128	9	168	102		270
02	00	41	SOUTHERN NEW JERSEY		3	19	139	9	170	13		183
02	00	43	SUSQUEHANNA		5	60	433	61	559	85		644
02	01	19	WASHINGTON (NCAC)		133	709	4308	332	5482	734		6216
02	01	19 01	WESTERN MARYLAND		(1)	(4)	(22)	(4)	(31)	(6)	(37)	
02	00	45	WEST VIRGINIA		1	13	132	13	159	36		195
			<u>REGION 2 TOTALS</u>		<u>1</u>	<u>555</u>	<u>3733</u>	<u>1996</u>	<u>30256</u>	<u>5379</u>		<u>35635</u>
			<u>COUNCIL TOTALS</u>									
02	01		NATL CAPITOL AREA COUNCIL NCAC		191	1182	8117	615	10105	969		11074

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 3

GEO CODE R C S SS	SECTION/SUBSECTION	H	P	SM	M	A	HIGHER GRADE	S	SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL			
03 00 01	ALABAMA		6	157	777	33	973	477		1450
03 00 01 01	MONTGOMERY		(4)	(31)	(252)	(8)	(295)	(315)	(610)	
03 00 03	ATLANTA		37	265	1948	257	2507	539		3046
03 00 03 01	ROME		(1)	(14)	(53)	(10)	(78)	(7)	(85)	
03 00 05	BATON ROUGE		2	20	280	8	310	144		454
03 05 89	BROWARD (FC)		16	71	537	66	690	45		735
03 05 07	CANAVERAL (FC)		3	29	211	20	263	6		269
03 00 93	CENTRAL GEORGIA		1	11	184	10	206	25		231
03 01 67	CENTRAL NORTH CAROLINA (NCC)		3	28	201	13	245	40		285
03 03 81	CENTRAL SAVANNAH RIVER (SCC)			8	158	28	194	20		214
03 09 09	CENTRAL VIRGINIA (VC)		20	75	359	25	479	191		670
03 01 69	CHARLOTTE (NCC)		10	105	530	84	729	206		935
03 07 11	CHATTANOOGA (TC)		4	68	217	48	337	66		403
03 03 83	COASTAL SOUTH CAROLINA (SCC)		11	46	214	29	300	69		369
03 03 85	COLUMBIA (SCC)		2	43	285	25	355	137		492
03 05 77	DAYTONA (FC)		4	27	137	14	182	9		191
03 07 13	EAST TENNESSEE (TC)		10	95	438	51	594	221		815
03 01 71	EASTERN NORTH CAROLINA (NCC)		25	156	1442	152	1775	451		2226
03 01 71 01	LOWER CAPE FEAR (NCC)			(10)	(67)	(7)	(84)	(7)	(91)	
03 00 15	EVANSVILLE-OWENSBORO		1	27	231	16	275	80		355
03 00 15 01	PADUCAH			(5)	(43)	(6)	(54)	(14)	(68)	
03 05 17	FLORIDA WEST COAST (FC)		74	342	1264	159	1839	219		2058
03 05 17 01	SARASOTA-BRADENTON (FC)		(40)	(134)	(187)	(28)	(389)	(4)	(393)	
03 05 19	FORT WALTON (FC)			11	164	3	178	4		182
03 05 21	GAINESVILLE (FC)		13	34	222	9	278	221		499
03 09 23	HAMPTON ROADS (VC)		2	60	583	33	678	209		887
03 00 25	HUNTSVILLE		4	73	923	54	1054	133		1187
03 05 27	JACKSONVILLE (FC)			37	167	14	218	11		229
03 00 97	JAMAICA			5	53	15	73	2		75
03 00 29	LEXINGTON		3	15	251	6	275	75		350
03 00 31	LOUISVILLE		2	52	271	9	334	258		592
03 07 33	MEMPHIS (TC)			35	270	49	354	229		583
03 07 33 01	JACKSON (TC)			(5)	(39)	(1)	(45)	(16)	(61)	
03 05 35	MIAMI (FC)		14	121	645	65	845	126		971
03 07 37	MIDDLE TENNESSEE (TC)			32	92	6	130	12		142
03 00 39	MISSISSIPPI		3	31	310	16	360	152		512
03 00 39 01	NE MISSISSIPPI		(1)	(9)	(77)	(1)	(88)	(99)	(187)	
03 00 41	MOBILE			18	152	10	180	54		234
03 07 43	NASHVILLE (TC)		6	55	308	19	388	375		763
03 00 45	NEW ORLEANS		2	99	594	40	735	137		872
03 07 49	OAK RIDGE (TC)		4	30	140	5	179	18		197
03 05 51	ORLANDO (FC)		11	132	833	56	1032	112		1144
03 05 53	PALM BEACH (FC)		24	114	661	67	866	41		907
03 05 57	PENSACOLA (FC)		1	11	90	7	109	2		111
03 03 87	PIEDMONT (SCC)		6	47	335	31	419	234		653
03 09 59	RICHMOND (VC)		5	57	432	37	531	23		554
03 00 61	SAVANNAH		1	13	64	2	80	29		109
03 05 95	SO BREVARD INDIAN RIVER (FC)		9	79	723	28	839	107		946
03 05 55	TALLAHASSEE AREA (FC)		7	21	171	8	207	57		264
03 07 91	TRI CITIES (TC)		2	22	202	55	281	24		305
03 09 65	VIRGINIA MOUNTAIN (VC)		5	102	312	26	445	348		793
03 01 73	WESTERN NORTH CAROLINA (NCC)		8	41	100	12	161	8		169
03 01 75	WINSTON-SALEM (NCC)		2	24	127	15	168	37		205
<u>REGION 3 TOTALS</u>			363	2944	18608	1735	23650	5983		29633
<u>COUNCIL TOTALS</u>										
03 05	FLORIDA COUNCIL (FC)		176	1029	5825	516	7546	960		8506
03 01	NO CAROLINA COUNCIL (NCC)		48	354	2400	276	3078	742		3820
03 03	SO CAROLINA COUNCIL (SCC)		19	144	992	113	1268	460		1728
03 07	TENNESSEE COUNCIL (TC)		26	337	1667	233	2263	945		3208
03 09	VIRGINIA COUNCIL (VC)		32	294	1686	121	2133	771		2904

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 4

GEO CODE				SECTION/SUBSECTION		H	F	SM	M	A	HIGHER GRADE SUBTOTAL	S	SUBSECTION TOTAL	SECTION TOTAL
R	C	S	SS											
04	00	01		ARROWHEAD			17	132	11	160	57		217	
04	00	45		CALUNET		2	43	330	45	420	179		599	
04	00	03		CEDAR RAPIDS		5	56	372	22	455	102		557	
04	00	05		CENTRAL ILLINOIS	1	44	88	482	22	637	531		1168	
04	00	07		CENTRAL INDIANA		22	157	1048	79	1306	516		1822	
04	00	07	01	BLOOMINGTON		(4)	(21)	(85)	(8)	(118)	(9)	(127)		
04	00	09		CENTRAL IOWA		3	45	249	9	306	390		696	
04	00	11		CHICAGO		57	511	4512	367	5447	799		6246	
04	00	11	03	FOX VALLEY		(9)	(137)	(1371)	(106)	(1623)	(102)	(1725)		
04	00	11	05	NORTHWEST		(11)	(175)	(1554)	(132)	(1872)	(153)	(2025)		
04	00	13		FORT WAYNE		4	56	340	17	417	91		508	
04	00	15		ILLINOIS VALLEY			22	121	9	152	74		226	
04	00	17		IOWA-ILLINOIS			41	169	23	233	22		255	
04	00	19		MADISON		6	60	352	18	436	230		666	
04	00	33		MICHIANA		4	21	210	33	268	106		374	
04	00	21		MILWAUKEE		19	159	1175	80	1433	565		1998	
04	00	47		MISSOURI SLOPE				80	2	82	8		90	
04	00	23		NEBRASKA		2	75	428	120	625	195		820	
04	00	25		NORTHEAST MICHIGAN		1	28	209	30	268	97		365	
04	00	27		NORTHEASTERN WISCONSIN		1	35	344	28	408	194		602	
04	00	27	01	UPPER PENINSULA			(14)	(99)	(9)	(122)	(170)	(292)		
04	00	29		ROCK RIVER VALLEY			12	253	18	283	31		314	
04	00	31		SIOUXLAND		2	16	93	11	122	59		181	
04	00	35		SOUTHEASTERN MICHIGAN		45	262	2378	214	2899	1115		4014	
04	00	37		SOUTHERN MINNESOTA		1	12	263	42	318	70		388	
04	00	39		TOLEDO		2	47	316	51	416	206		622	
04	00	41		TWIN CITIES		20	194	2404	182	2800	595		3395	
04	00	41	01	RED RIVER VALLEY		(1)	(16)	(157)	(5)	(179)	(182)	(361)		
04	00	43		WEST MICHIGAN		1	57	403	37	498	79		577	
04	00	43	01	KALAMAZOO-BATTLE CREEK			(16)	(97)	(12)	(125)	(49)	(174)		
				REGION 4 TOTALS		1	241	2014	16663	1470	20389	6311	26700	

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 5

<u>GEO CODE</u>				<u>SECTION/SUBSECTION</u>		<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>HIGHER GRADE</u> <u>SUBTOTAL</u>	<u>S</u>	<u>SUBSECTION</u> <u>TOTAL</u>	<u>SECTION</u> <u>TOTAL</u>
<u>R</u>	<u>C</u>	<u>S</u>	<u>SS</u>											
05	00	01		ARKANSAS		3	47	287	24	361	34		395	
05	00	03		BEAUMONT		1	18	159	2	180	73		253	
05	00	05		CENTRAL TEXAS		34	129	1755	127	2045	449		2494	
05	00	07		CORPUS CHRISTI		1	22	186	32	241	101		342	
05	00	09		DALLAS	1	31	296	3448	206	3982	244		4226	
05	00	11		DENVER		47	304	2531	147	3029	737		3766	
05	00	11	01	BLACK HILLS			(5)	(60)	(1)	(66)	(83)	(149)		
05	00	11	03	CENTENNIAL		(5)	(80)	(748)	(41)	(874)	(230)	(1104)		
05	00	13		EL PASO		4	48	325	19	396	266		662	
05	00	15		FORT WORTH		6	102	1250	53	1411	242		1653	
05	00	45		GALVESTON BAY		2	32	489	25	548	72		620	
05	00	17		HOUSTON		14	222	2258	146	2640	876		3516	
05	00	17	01	FREEPORT			(8)	(62)	(2)	(72)	(1)	(73)		
05	00	19		KANSAS CITY		8	167	1005	148	1328	481		1809	
05	00	19	01	SPRINGFIELD-JOPLIN		(1)	(19)	(79)	(8)	(107)	(25)	(132)		
05	00	41		LAFAYETTE		2	4	159	6	171	148		319	
05	00	21		OKLAHOMA CITY		5	81	375	24	485	100		585	
05	00	37		OZARK		2	30	103	8	143	37		180	
05	00	23		PANHANDLE			20	110	10	140	9		149	
05	00	39		PERMIAN BASIN			4	74	11	89	3		92	
05	00	43		PIKES PEAK		5	43	647	35	730	149		879	
05	00	25		SAINT LOUIS		33	203	1935	82	2253	998		3251	
05	00	25	01	ROLLA		(3)	(12)	(90)	(4)	(109)	(375)	(484)		
05	00	27		SHREVEPORT		2	30	255	5	292	167		459	
05	00	27	01	MONROE			(1)	(27)		(28)	(6)	(34)		
05	00	29		SOUTH PLAINS		3	17	112	5	137	106		243	
05	00	31		TULSA		7	92	413	46	558	200		758	
05	00	35		WICHITA		3	52	335	23	413	57		470	
				<u>REGION 5 TOTALS</u>		<u>1</u>	<u>213</u>	<u>1963</u>	<u>18211</u>	<u>1184</u>	<u>21572</u>	<u>5549</u>	<u>27121</u>	

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 6

GEO CODE				SECTION/SUBSECTION					HIGHER GRADE		SUBSECTION	SECTION
R	C	S	SS	H	F	SM	M	A	SUBTOTAL	S	TOTAL	TOTAL
06	00	03			1	9	34	1	45	3		48
06	00	05				15	231	33	279	29		308
06	00	05	01			(7)	(40)	(2)	(49)	(22)	(71)	
06	00	01			23	107	846	36	1012	120		1132
06	00	07			1	21	168	5	195	10		205
06	01	09			7	76	904	79	1066	40		1106
06	01	11				14	244	18	276	15		291
06	00	65				2	51		53	3		56
06	01	13			13	126	973	88	1200	202		1402
06	00	15				20	103	3	126	3		129
06	00	17			10	37	509	45	601	40		641
06	00	19				11	108	6	125	7		132
06	00	21			1	20	130	9	160	33		193
06	00	71			2	51	154	8	215	16		231
06	01	23			28	100	684	54	866	281		1147
06	00	25			1	22	124	9	156	103		259
06	00	73			5	26	151	8	190	57		247
06	03	67			58	246	2217	183	2704	448		3152
06	01	27			39	416	3396	286	4137	415		4552
06	00	29			37	290	2241	149	2717	464		3181
06	00	31			44	223	1659	120	2046	287		2333
06	00	31	01			(7)	(230)	(27)	(300)	(156)	(456)	
06	00	33		1	3	32	190	17	243	58		301
06	00	35			7	110	1062	57	1236	484		1720
06	00	35	05			(2)	(148)	(11)	(173)	(74)	(247)	
06	00	37			42	315	2293	180	2830	233		3063
06	01	39			23	266	1585	159	2033	243		2276
06	03	41			21	185	1399	166	1771	140		1911
06	03	41	01			(3)	(222)	(22)	(276)	(7)	(283)	
06	01	43			24	131	803	76	1034	177		1211
06	00	45			20	86	491	33	630	220		850
06	03	69		3	188	832	8833	652	10508	714		11222
06	03	69	01			(16)	(321)	(29)	(412)	(58)	(470)	
06	01	47			63	185	1090	114	1452	252		1704
06	00	49			29	267	2453	153	2902	281		3183
06	01	51			21	220	2253	155	2649	269		2918
06	00	53			1	47	267	11	326	226		552
06	00	55			19	114	496	37	666	165		831
06	00	57			12	70	670	44	796	275		1071
06	00	59			1	12	141	18	172	6		178
06	00	61			1	9	57	5	72	1		73
<u>REGION 6 TOTALS</u>				4	745	4713	39010	3017	47489	6320		53809
<u>COUNCIL TOTALS</u>												
06	01	LOS ANGELES COUNCIL (LAC)			218	1534	11932	1029	14713	1894		16607
06	03	SF BAY AREA COUNCIL (SPBAC)		3	267	1263	12449	1001	14983	1302		16285

SECTION A

TABLE 7 - IFEF MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 7

<u>GEO CODE</u> R C S SS	<u>SECTION/SUBSECTION</u>	<u>H</u>	<u>P</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>HIGHER GRADE</u>		<u>S</u>	<u>SUBSECTION</u> <u>TOTAL</u>	<u>SECTION</u> <u>TOTAL</u>
							<u>SUBTOTAL</u>				
07 03 33	CANADIAN ATLANTIC (ECC)		3	18	175	16	212	100			312
07 05 03	HAMILTON (CCC)		3	46	296	105	450	163			613
07 05 01	KINGSTON (CCC)		1	26	137	7	171	157			328
07 05 05	KITCHENER-WATERLOO (CCC)		4	32	255	57	348	146			494
07 05 07	LONDON (CCC)		1	21	170	42	234	220			454
07 03 09	MONTREAL (ECC)		27	156	1480	106	1769	571			2340
07 01 39	N SASKATCHEWAN (WCC)		2	10	117	12	141	93			234
07 03 35	NEW BRUNSWICK (ECC)			19	135	8	162	105			267
07 03 37	NEWFOUNDLAND-LABRADOR (ECC)			5	63	2	70	45			115
07 01 13	NORTHERN CANADA (WCC)			21	387	33	441	91			532
07 03 15	OTTAWA (ECC)		10	143	1367	139	1659	314			1973
07 05 41	PETERBOROUGH (CCC)		1	24	62	11	98	7			105
07 03 17	QUEBEC (ECC)		1	8	140	11	160	39			199
07 01 19	S SASKATCHEWAN (WCC)			15	104	18	137	110			247
07 03 21	SAINT MAURICE (ECC)			1	28	2	31	6			37
07 01 23	SOUTHERN ALBERTA (WCC)		3	24	423	64	514	94			608
07 05 25	TORONTO (CCC)		30	161	1850	449	2490	646			3136
07 01 27	VANCOUVER (WCC)		9	98	696	82	885	175			1060
07 01 29	VICTORIA (WCC)		1	21	99	33	154	49			203
07 01 31	WINNIPEG (WCC)		1	50	337	104	492	333			825
	<u>REGION 7 TOTALS</u>		97	899	8321	1301	10618	3464			14082

COUNCIL TOTALS

07 05	CENTRAL CANADA COUNCIL (CCC)	40	310	2770	671	3791	1339	5130
07 03	EASTERN CANADA COUNCIL (ECC)	41	350	3388	284	4063	1180	5243
07 01	WESTERN CANADA COUNCIL (WCC)	16	239	2163	346	2764	945	3709

SECTION A

TABLE 7-8A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 8

<u>GEO CODE</u>				<u>SECTION/SUBSECTION</u>		<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>HIGHER GRADE SUBTOTAL</u>	<u>S</u>	<u>SUBSECTION TOTAL</u>	<u>SECTION TOTAL</u>
<u>R</u>	<u>C</u>	<u>S</u>	<u>SS</u>											
08	00	37		AUSTRIA		3	14	96	11	124	17			141
08	00	01		BENELUX		26	113	879	80	1098	271			1369
08	00	25		DENMARK		3	20	209	26	258	30			288
08	00	47		EAST AFRICA			19	102	14	135	25			160
08	00	03		EGYPT		7	37	190	13	247	56			303
08	00	35		FINLAND			18	178	10	206	101			307
08	00	05		FRANCE		33	94	678	91	896	73			969
08	00	17		GERMANY (WEST)		31	143	963	143	1280	128			1408
08	00	29		GREECE		3	20	218	22	263	87			350
08	00	27		IRAN			6	76	12	94	95			189
08	00	09		ISRAEL		14	62	482	40	598	74			672
08	00	21		MIDDLE & SOUTH ITALY		7	38	283	40	368	72			440
08	00	39		NIGERIA			8	111	4	123	8			131
08	00	11		NORTH ITALY			11	38	83	621	160			781
08	00	13		NORWAY		2	32	194	22	250	11			261
08	00	33		POLAND		2	36	23	2	63	1			64
08	00	45		PORTUGAL			5	70	25	100	52			152
08	00	43		SAUDI ARABIA			47	504	55	606	35			641
08	00	43	01	JUBAIL				(8)		(8)			(8)	
08	00	41		SOUTH AFRICA		1	21	153	13	188	20			208
08	00	23		SPAIN		1	23	432	67	523	186			709
08	00	19		SWEDEN			14	54	37	496	109			605
08	00	07		SWITZERLAND			20	88	70	974	214			1188
08	00	15		UNITED KINGDOM & REP IRELAND	1	59	259	1727	153	2199	296			2495
08	00	31		YUGOSLAV			9	183	12	204	32			236
08	00	88		COUNTRIES OUTSIDE SECTIONS			3	83	68	815	186			1001
				<u>REGION 8 TOTALS</u>		1	240	1287	10088	1113	12729	2339		15068

SECTION A

TABLE 7-8B - IEEE MEMBERSHIP IN REGION 8 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1985 - 3 YEAR COMPARISON

<u>COUNTRY</u>	<u>F</u>	<u>SH</u>	<u>M</u>	<u>A</u>	<u>S</u>	<u>12/31/85 TOTAL</u>	<u>12/31/84 TOTAL</u>	<u>12/31/83 TOTAL</u>
ALGERIA			13		1	14	11	9
ANGOLA (W. AFRICA)								1
BAHREIN (ARABIAN GULF)		7	34	5	1	47	47	38
BOTSWANA (S. AFRICA)			3	1		4	6	5
BULGARIA	2	1			1	4	4	3
CAMEROON (C. AFRICA)			2			2	1	3
CANARY ISLANDS								1
CYPRUS	4	35		2		41	37	30
CZECHOSLOVAKIA	4	8		5	1	18	19	21
ETHIOPIA					1	1		
GERMANY EAST & E BERLIN			1			1		
GHANA (W. AFRICA)			2			2	6	7
GIBRALTAR			1			1	1	1
HUNGARY		6	5	1		12	10	11
ICELAND			33	3	4	40	37	36
IRAQ	3	32		2	2	39	40	31
IVORY COAST (W. AFRICA)	1	2		1		4	6	7
JORDAN	6	50		9	7	72	58	47
KENYA (E. AFRICA)								3
KUWAIT	11	120		6	127	264	310	156
LEBANON			6			6	11	28
LIBERIA (W. AFRICA)			8	1		9	9	9
MALAWI (C. AFRICA)	1	2		1		4	6	5
MALI (N. AFRICA)								1
MALTA, ISLE OF	1	12			1	14	14	9
MONACO, PRINCIPALITY OF								3
MOROCCO	1	6			3	10	9	6
MUSCAT/OMAN/UNITED ARAB EMIRATES	12	112		14	3	141	120	105
QATAR (ARABIAN GULF)	5	22		3	5	35	39	31
RUMANIA	8	6				14	12	14
SENEGAL (W. AFRICA)			2	1		3	1	1
SIERRA LEONE (W. AFRICA)			1			1		1
SP LIBYAN ARAB JAMAHIRIYA	1	25		2		28	29	30
SUDAN			23	3		26	20	17
SWAZILAND (S. AFRICA)			2			2	2	2
SYRIA			14	1	1	16	13	14
TUNISIA			5	1	1	7	3	2
TURKEY	1	5	47	4	23	80	82	82
USSR	2	3	3		3	11	8	8
YEMEN ARAB REPUBLIC			1	1	1	3	2	2
YEMEN PEOPLES DEMOCRATIC REPUBLIC							1	2
APG AND FPO		2	22	1		25	22	30
MEMBERS NOT ASSIGNED TO IEEE SECTIONS	3	83	661	68	186	1001	996	814
MEMBERS ASSIGNED TO IEEE SECTIONS	237	1204	9427	1045	2153	14067	13506	12956
<u>TOTAL, REGION 8</u>	240	1287	10088	1113	2339	15068	14502	13770

SECTION A

TABLE 7-9A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 9

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
							SUBTOTAL	S		
09 00 01	ARGENTINA		3	25	204	34	266	118		384
09 01 27	BAHIA (BC)			5	46		51	21		72
09 01 15	BRAZILIA (BC)			1	17	5	23	1		24
09 05 23	CENTRAL AMERICA (CAPC)			14	154	13	181	146		327
09 05 23 03	COSTA RICA (CAPC)			(4)	(39)	(2)	(45)	(16)	(61)	
09 05 23 05	EL SALVADOR (CAPC)			(4)	(36)	(6)	(46)	(73)	(119)	
09 05 23 01	GUATEMALA (CAPC)			(5)	(58)	(4)	(67)	(57)	(124)	
09 05 23 07	HONDURAS (CAPC)				(17)	(1)	(18)		(18)	
09 05 23 09	NICARAGUA (CAPC)			(1)	(2)		(3)		(3)	
09 00 03	CHILE			13	118	26	157	200		357
09 00 05	COLOMBIA			13	174	50	237	258		495
09 00 29	ECUADOR			5	35	27	67	54		121
09 03 07	MEXICO (MC)		3	39	334	54	430	139		569
09 03 07 03	GUADALAJARA (MC)			(3)	(23)	(6)	(32)	(5)	(37)	
09 03 31	MONTERREY (MC)			4	90	8	102	40		142
09 05 25	PANAMA (CAPC)			9	104	11	124	71		195
09 00 21	PERU			7	154	20	181	73		254
09 00 09	PUERTO RICO & CARIBBEAN		1	39	412	49	501	152		653
09 01 11	RIO DE JANEIRO (BC)		4	37	102	9	152	17		169
09 01 17	SAO PAULO (BC)		1	28	206	20	255	35		290
09 01 17 01	CAMPINAS (BC)			(3)	(22)	(1)	(26)	(3)	(29)	
09 00 19	VENEZUELAN			22	171	18	211	192		403
09 00 99	COUNTRIES OUTSIDE SECTIONS			3	42	2	47	2		49
	<u>REGION 9 TOTALS</u>		12	264	2363	346	2985	1519		4504
<u>COUNCIL TOTALS</u>										
09 01	BRAZIL COUNCIL (BC)		5	71	371	34	481	74		555
09 05	CTRL AM PANAMA COUNCIL (CAPC)			23	258	24	305	217		522
09 03	MEXICAN COUNCIL (MC)		3	43	424	62	532	179		711

SECTION A

TABLE 7-9B - IEEE MEMBERSHIP IN REGION 9 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1985 - 3 YEAR COMPARISON

<u>COUNTRY</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>S</u>	<u>12/31/85 TOTAL</u>	<u>12/31/84 TOTAL</u>	<u>12/31/83 TOTAL</u>
BELIZE			1			1	1	1
BOLIVIA			6			6	8	9
CAYMAN ISLANDS			2			2		
EL SALVADOR							1	
GUYANA		1	4			5	7	6
HAITI, TRINIDAD & TOBAGO								1
MARTINIQUE							1	
PARAGUAY		1	5	1		7	6	5
SURINAM			3			3	2	5
URUGUAY		1	12	1	2	16	17	20
APO AND FPO			9			9	9	6
MEMBERS NOT ASSIGNED TO IEEE SECTIONS	—	—	42	2	2	49	52	53
MEMBERS ASSIGNED TO IEEE SECTIONS	12	261	2321	344	1517	4455	4432	4447
<u>TOTAL, REGION 9</u>	12	264	2363	346	1519	4504	4484	4500

SECTION A

TABLE 7-10A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1985

REGION 10

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	A	HIGHER GRADE	S	SUBSECTION	SECTION
							SUBTOTAL		TOTAL	TOTAL
10 00 09	AUSTRALIAN		4	64	698	38	804	93		897
10 01 19	BANGALORE (AIC)			38	147	11	196	157		353
10 00 51	BEIJING			72	71	7	150	3		153
10 01 21	BOMBAY (AIC)		4	71	282	47	404	227		631
10 01 21 01	BARODA (AIC)			(8)	(15)	(1)	(24)	(3)	(27)	
10 01 37	CALCUTTA (AIC)		1	30	121	10	162	49		211
10 01 23	DELHI (AIC)	1	1	72	200	13	287	153		440
10 01 23 03	UTTAR PRADESH (AIC)			(12)	(33)	(3)	(48)	(41)	(89)	
10 00 07	HONG KONG		1	30	1322	96	1449	203		1652
10 01 49	HYDERABAD (AIC)			16	100	11	127	44		171
10 00 41	KARACHI			1	77	8	86	35		121
10 01 45	KERALA (AIC)			12	150	12	174	189		363
10 01 55	KHARAGPUR (AIC)			7	35	3	45	24		69
10 00 17	KOREA		2	12	437	35	486	509		995
10 01 33	MADRAS (AIC)		1	46	321	19	387	643		1030
10 00 35	MALAYSIA			2	278	13	293	19		312
10 03 01	NEW ZEALAND NORTH (NZC)			9	83	10	102	10		112
10 03 39	NEW ZEALAND SOUTH (NZC)		1	8	129	2	140	39		179
10 00 03	PAKISTAN			28	128	10	166	12		178
10 00 53	QUEENSLAND		1	7	224	25	257	54		311
10 00 15	REPUBLIC OF THE PHILIPPINES			3	72	14	89	40		129
10 00 57	S AUSTRALIA			8	91	3	102	8		110
10 00 25	SINGAPORE			15	780	122	917	566		1483
10 00 11	TAIPEI		1	13	282	99	395	157		552
10 00 29	THAILAND			8	100	9	117	38		155
10 00 13	TOKYO	1	144	331	3404	197	4077	172		4249
10 00 43	VICTORIAN (AUS)		1	26	517	27	571	83		654
10 00 47	WESTERN AUSTRALIA			5	76	22	103	27		130
10 00 99	COUNTRIES OUTSIDE SECTIONS			14	199	27	240	16		256
	<u>REGION 10 TOTALS</u>	2	162	948	10324	890	12326	3570		15896
	<u>COUNCIL TOTALS</u>									
10 01	ALL INDIA COUNCIL (AIC)	1	7	292	1356	126	1782	1486		3268
10 03	NEW ZEALAND COUNCIL (NZC)		1	17	212	12	242	49		291

SECTION A

TABLE 7-10B - IEEE MEMBERSHIP IN REGION 10 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1985 - 3 YEAR COMPARISON

<u>COUNTRY</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>S</u>	<u>12/31/85 TOTAL</u>	<u>12/31/84 TOTAL</u>	<u>12/31/83 TOTAL</u>
BANGLADESH		2	11	3	1	17	15	9
BORNEO/KALAMNTN/BRUNEI/SABAH/SARAWK		1	16	1		18	15	10
BURMA			1	2		3		
CHINA								36
FIJI ISLANDS		1	12			13	8	10
GILBERT ISLANDS			1			1	1	1
GUAM		1	8	2	1	12	11	10
INDIA							1	
INDONESIA		2	63	11	11	87	73	63
MALAYSIA							286	203
MALDIVES			2			2		
MAURITIUS			4	2		6	4	5
NEPAL		1	4		1	6	6	3
SAIPAN/MARIANA ISLANDS			2			2	1	
SRI LENKA (CEYLON)		3	32	2	2	39	37	44
VIETNAM, NORTH & SOUTH		1				1	1	1
WESTERN SAMOA								1
APO AND FPO		2	43	4		49	55	68
MEMBERS NOT ASSIGNED TO IEEE SECTIONS		14	199	27	16	256	514	464
MEMBERS ASSIGNED TO IEEE SECTIONS	162	934	10125	863	3554	15640	14626	13174
<u>TOTAL, REGION 10</u>	162	948	10324	890	3570	15896	15140	13638

SECTION B

TABLE 1-IEEE STUDENT BRANCHES AND STUDENT BRANCH MEMBERSHIP
DECEMBER 31, 1985

REGION 1

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
BINGHAMTON	*BROOME COMMUNITY COLLEGE	17
BINGHAMTON	NEW YORK STATE UNIV OF-BINGHAMTON (C)	51
BOSTON	BOSTON UNIV (C, EMB)	274
BOSTON	*FRANKLIN INST OF BOSTON	38
BOSTON	HARVARD UNIV	41
BOSTON	LOWELL UNIV OF	168
BOSTON	MASSACHUSETTS INST OF TECHNOLOGY	328
BOSTON	MERRIMACK COLLEGE	5
BOSTON	NORTHEASTERN UNIV	304
BOSTON	TUFTS UNIV	118
BOSTON	*WENTWORTH INST OF TECHNOLOGY	58
BUFFALO	NEW YORK STATE UNIV OF COLLEGE-BUFFALO	33
BUFFALO	NEW YORK STATE UNIV OF-BUFFALO (C)	264
BUFFALO	*SUNY-ALFRED STATE COLLEGE	46
CONNECTICUT	*BRIDGEPORT ENGINEERING INST	23
CONNECTICUT	BRIDGEPORT UNIV OF	43
CONNECTICUT	CONNECTICUT UNIV OF	76
CONNECTICUT	*GREATER NEW HAVEN STATE TECH COLLEGE	28
CONNECTICUT	*HARTFORD STATE TECHNICAL COLLEGE	40
CONNECTICUT	HARTFORD UNIV OF	66
CONNECTICUT	NEW HAVEN UNIV OF	75
CONNECTICUT	TRINITY COLLEGE	16
CONNECTICUT	U S COAST GUARD ACADEMY	24
CONNECTICUT	*WARD TECHNICAL COLLEGE	27
CONNECTICUT	*WATERBURY STATE TECHNICAL COLLEGE	19
ITHACA	CORNELL UNIV	219
LONG ISLAND	HOFSTRA UNIV	33
LONG ISLAND	*NEW YORK STATE UNIV OF-FARMINGDALE	18
LONG ISLAND	NEW YORK STATE UNIV OF-STONY BROOK	102
LONG ISLAND	POLYTECHNIC INST OF NEW YORK L I CENTER	73
MAINE	MAINE UNIV OF	126
MID HUDSON	NEW YORK STATE UNIV OF NEW PALTZ	29
MID-HUDSON	*DUTCHESS COMMUNITY COLLEGE	28
MID-HUDSON	U S MILITARY ACADEMY (C)	18
MOHAWK VALLEY	CLARSON UNIVERSITY	55
MOHAWK VALLEY	*NEW YORK A AND T COLLEGE-CANTON	33
MOHAWK VALLEY	NEW YORK STATE UNIV OF-UTICA	37
NEW HAMPSHIRE	DARTMOUTH COLLEGE-THAYER SCHOOL OF ENG	22
NEW HAMPSHIRE	*HESSER COLLEGE	19
NEW HAMPSHIRE	*NEW HAMPSHIRE TECHNICAL INST	7
NEW HAMPSHIRE	NEW HAMPSHIRE UNIV OF	67
NEW JERSEY COAST	MONMOUTH COLLEGE	30
NEW JERSEY COAST	*UNION TECHNICAL INST	23
NEW YORK	*AERONAUTICS ACADEMY OF (C)	17
NEW YORK	*BRAMSON ORT TECHNICAL INST	9
NEW YORK	*BRONX COMMUNITY COLLEGE-DAY DIVISION	8
NEW YORK	COLUMBIA UNIV (C)	196
NEW YORK	COOPER UNION	102
NEW YORK	MANHATTAN COLLEGE	98
NEW YORK	NEW YORK CITY COLLEGE OF (COM)	257
NEW YORK	*NEW YORK CITY TECHNICAL COLLEGE	38

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION BREGION 1

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
NEW YORK	NEW YORK INST OF TECHNOLOGY	104
NEW YORK	NEW YORK STATE UNIV OF-MARITIME COLLEGE	22
NEW YORK	POLYTECHNIC INST OF NEW YORK (C)	299
NEW YORK	PRATT INST	96
NEW YORK	QUEENS COLLEGE-NEW YORK	9
NEW YORK	*QUEENSBOROUGH COMMUNITY COLLEGE(C)	24
NEW YORK	STATEN ISLAND COLLEGE OF-ST GEORGE CAMPUS	19
NEW YORK	*STATEN ISLAND COLLEGE OF-SUNNYSIDE CAMPUS	26
NEW YORK	*TECHNICAL CAREER INSTS (C)	190
NEW YORK	*WESTCHESTER COMMUNITY COLLEGE	61
NORTH JERSEY	FAIRLEIGH DICKINSON UNIV-DAY DIVISION	84
NORTH JERSEY	*MORRIS COUNTY COLLEGE OF	15
NORTH JERSEY	NEW JERSEY INST OF TECHNOLOGY	209
NORTH JERSEY	STEVENS INST OF TECHNOLOGY	113
NORTH JERSEY	*UNION COUNTY COLLEGE	22
PRINCETON	*DEVRY TECHNICAL INSTITUTE-WOODBRIDGE	60
PRINCETON	*MIDDLESEX COUNTY COLLEGE	26
PRINCETON	PRINCETON UNIV	56
PRINCETON	RUTGERS UNIV	285
PRINCETON	TRENTON STATE COLLEGE	78
PROVIDENCE	BROWN UNIV	36
PROVIDENCE	RHODE ISLAND UNIV OF	80
PROVIDENCE	ROGER WILLIAMS COLLEGE	17
PROVIDENCE	SOUTHEASTERN MASSACHUSETTS UNIV (C)	80
ROCHESTER	ROCHESTER INST OF TECH-BRANCH A (C)	151
ROCHESTER	ROCHESTER INST OF TECH-BRANCH B (C)	25
ROCHESTER	ROCHESTER UNIV OF	54
SCHENECTADY	*HUDSON VALLEY COMMUNITY COLLEGE	13
SCHENECTADY	RENSSELAER POLYTECHNIC INST (C,P)	235
SCHENECTADY	UNION COLLEGE	69
SPRINGFIELD	MASSACHUSETTS UNIV OF (C)	255
SPRINGFIELD	WESTERN NEW ENGLAND COLLEGE	59
SYRACUSE	SYRACUSE UNIV (C,EMB)	155
VERMONT	NORWICH UNIV (C)	87
VERMONT	*VERMONT TECHNICAL COLLEGE	22
VERMONT	VERMONT UNIV OF	59
WORCESTER COUNTY	CENTRAL NEW ENGLAND COLLEGE	22
WORCESTER COUNTY	WORCESTER POLYTECHNIC INST	118

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

() ALSO HAS STUDENT BRANCH CHAPTER OF THE INDICATED SOCIETY:
 CAS-CIRCUITS AND SYSTEMS, COM-COMMUNICATIONS, C-COMPUTER,
 CS-CONTROL SYSTEMS, ED-ELECTRON DEVICES, EMB-ENGINEERING IN
 MEDICINE AND BIOLOGY, IA-INDUSTRY APPLICATIONS, IT-INFORMATION
 THEORY, IM-INSTRUMENTATION AND MEASUREMENT, PE-POWER ENGINEERING.

SECTION B

REGION 2

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
AKRON	AKRON UNIV OF (C)	150
BALTIMORE	*ANNE ARUNDEL COMMUNITY COLLEGE	6
BALTIMORE	JOHNS HOPKINS UNIV	111
BALTIMORE	LOYOLA COLLEGE	8
BALTIMORE	U S NAVAL ACADEMY	11
CANTON	*KENT STATE UNIV-TUSCARAWAS	18
CENTRAL PENNSYLVANIA	BUCKNELL UNIV	46
CENTRAL PENNSYLVANIA	PENNSYLVANIA STATE UNIV	419
CINCINNATI	CINCINNATI UNIV OF	96
CLEVELAND	CASE WESTERN RESERVE UNIV	205
CLEVELAND	CLEVELAND STATE UNIV	101
COLUMBUS	*DEVRY INST OF TECHNOLOGY-COLUMBUS	164
COLUMBUS	*FRANKLIN UNIV	2
COLUMBUS	OHIO STATE UNIV (C)	310
COLUMBUS	OHIO UNIV (C)	90
DAYTON	DAYTON UNIV OF	61
DAYTON	*DAYTON UNIV OF-TECHNICAL INST	16
DAYTON	*SINCLAIR COLLEGE	14
DAYTON	U S AIR FORCE INST OF TECHNOLOGY	22
DAYTON	WRIGHT STATE UNIV (C)	33
DELAWARE BAY	DELAWARE UNIV OF	60
ERIE	GANNON UNIV	46
JOHNSTOWN	PITTSBURGH UNIV OF-JOHNSTOWN	54
LEHIGH VALLEY	LAFAYETTE COLLEGE	75
LEHIGH VALLEY	LEHIGH UNIV	150
LEHIGH VALLEY	WILKES COLLEGE	64
LIMA	OHIO NORTHERN UNIV	139
NORTHERN VIRGINIA	GEORGE MASON UNIV	79
PHILADELPHIA	DREXEL UNIV-DAY DIVISION (C)	289
PHILADELPHIA	DREXEL UNIV-EVENING COLLEGE	69
PHILADELPHIA	PENNSYLVANIA UNIV OF (C)	134
PHILADELPHIA	SPRING GARDEN COLLEGE	19
PHILADELPHIA	SWARTHMORE COLLEGE	21
PHILADELPHIA	TEMPLE UNIV (EMB)	148
PHILADELPHIA	VILLANOVA UNIV OF	77
PHILADELPHIA	WIDNER COLLEGE	51
PITTSBURGH	CARNEGIE MELLON UNIV	239
PITTSBURGH	*PENNSYLVANIA STATE UNIV-MCKEESPORT	7
PITTSBURGH	PITTSBURGH UNIV OF	208
PITTSBURGH	STUBENVILLE COLLEGE OF	15
PITTSBURGH	WEST VIRGINIA UNIV (C)	78
SHARON	GROVE CITY COLLEGE	46
SHARON	YOUNGSTOWN STATE UNIV	53
SUSQUEHANNA	PENNSYLVANIA STATE UNIV-CAPITOL	42
SUSQUEHANNA	*PENNSYLVANIA STATE UNIV-YORK	11
WASHINGTON	CAPITOL INST OF TECHNOLOGY	41
WASHINGTON	CATHOLIC UNIV OF AMERICA	46
WASHINGTON	*DISTRICT OF COLUMBIA UNIV OF THE	81
WASHINGTON	GEORGE WASHINGTON UNIV (C)	193
WASHINGTON	HOWARD UNIV	57
WASHINGTON	MARYLAND UNIV OF	480
WEST VIRGINIA	WEST VIRGINIA INST OF TECHNOLOGY	43

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 THEORY, IM-INSTRUMENTATION AND MEASUREMENT, PE-POWER ENGINEERING.

SECTION BREGION 3

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ALABAMA	ALABAMA UNIV OF (C)	85
ALABAMA	ALABAMA UNIV OF-BIRMINGHAM	70
ALABAMA	AUBURN UNIV (C)	300
ALABAMA	TUSKEGEE INST	70
ATLANTA	*DEKALB COMMUNITY COLLEGE	20
ATLANTA	*DEVRY INST OF TECHNOLOGY-ATLANTA	38
ATLANTA	GEORGIA INST OF TECHNOLOGY (C,EMB,P)	427
ATLANTA	SOUTHERN TECHNICAL INST	73
BATON ROUGE	LOUISIANA STATE UNIV-BATON ROUGE (C)	103
BATON ROUGE	SOUTHERN UNIV	50
CANAVERAL	FLORIDA INST OF TECHNOLOGY (C)	115
CENTRAL NORTH CAROLINA	NORTH CAROLINA A AND T STATE UNIV	36
CENTRAL SAVANNAH RIVER	*AUGUSTA AREA TECHNICAL SCHOOL	11
CENTRAL VIRGINIA	VIRGINIA UNIV OF	200
CHARLOTTE	*CENTRAL PIEDMONT COMMUNITY COLLEGE	30
CHARLOTTE	*GASTON COLLEGE	13
CHARLOTTE	NORTH CAROLINA UNIV OF-CHARLOTTE	170
CHATTANOOGA	*CHATTANOOGA STATE TECHNICAL INST	23
CHATTANOOGA	TENNESSEE UNIV OF-CHATTANOOGA	29
COASTAL SOUTH CAROLINA	CITADEL THE	52
COASTAL SOUTH CAROLINA	*FLORENCE-DARLINGTON TECHNICAL COLLEGE	23
COLUMBIA	SOUTH CAROLINA UNIV OF	118
EAST TENNESSEE	*STATE TECHNICAL INSTITUTE KNOXVILLE	1
EAST TENNESSEE	TENNESSEE UNIV OF (C)	256
EASTERN NORTH CAROLINA	DUKE UNIV	84
EASTERN NORTH CAROLINA	*FAYETTEVILLE TECHNICAL INST	6
EASTERN NORTH CAROLINA	NORTH CAROLINA STATE UNIV (C)	312
EASTERN NORTH CAROLINA	NORTH CAROLINA UNIV OF-CHAPEL HILL	32
EASTERN NORTH CAROLINA	*WAKE TECHNICAL COLLEGE	30
EVANSVILLE-OWENSBORO	EVANSVILLE UNIV OF	44
EVANSVILLE-OWENSBORO	INDIANA STATE UNIV	10
EVANSVILLE-OWENSBORO	MURRAY STATE UNIV	13
FLORIDA WEST COAST	SOUTH FLORIDA UNIV OF (C)	177
GAINESVILLE	FLORIDA UNIV OF (C)	224
HAMPTON ROADS	NORFOLK STATE UNIV	19
HAMPTON ROADS	OLD DOMINION UNIV	195
HAMPTON ROADS	*TIDEWATER COMMUNITY COLLEGE	0
HUNTSVILLE	ALABAMA UNIV OF-HUNTSVILLE	98
LEXINGTON	KENTUCKY UNIV OF	71
LOUISVILLE	LOUISVILLE UNIV OF	241
LOUISVILLE	WESTERN KENTUCKY UNIV	20
MEMPHIS	CHRISTIAN BROTHERS COLLEGE	22
MEMPHIS	MEMPHIS STATE UNIV (C)	108
MEMPHIS	*STATE TECHNICAL INST-MEMPHIS	14
MEMPHIS	TENNESSEE UNIV OF-MARTIN	14
MIAMI	FLORIDA INTERNATIONAL UNIV	41
MIAMI	MIAMI UNIV OF (C)	75
MISSISSIPPI	MISSISSIPPI STATE UNIV (EMB,P)	127
MISSISSIPPI	MISSISSIPPI UNIV OF	41
MISSISSIPPI	SOUTHERN MISSISSIPPI UNIV OF	35
MOBILE	SOUTH ALABAMA UNIV OF	53

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION BREGION 3

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
NASHVILLE	TENNESSEE STATE UNIV	52
NASHVILLE	TENNESSEE TECHNOLOGICAL UNIV (C)	196
NASHVILLE	VANDERBILT UNIV	149
NEW ORLEANS	NEW ORLEANS UNIV OF	45
NEW ORLEANS	TULANE UNIV (C)	65
ORLANDO	CENTRAL FLORIDA UNIV OF (C)	105
PALM BEACH	FLORIDA ATLANTIC UNIV	65
PIEDMONT	CLEMSON UNIV (C)	240
PIEDMONT	*GREENVILLE TECH COLLEGE	4
SAVANNAH	GEORGIA SOUTHERN COLLEGE	16
SAVANNAH	SAVANNAH STATE COLLEGE	27
TALLAHASSEE AREA	FLORIDA A AND M UNIV	20
TALLAHASSEE AREA	FLORIDA STATE UNIV	34
TRI-CITIES	*TRI-CITIES SECTION BRANCH (C)	11
VIRGINIA MOUNTAIN	VIRGINIA MILITARY INST	54
VIRGINIA MOUNTAIN	VIRGINIA POLYTECHNIC INST (C)	328
VIRGINIA MOUNTAIN	*VIRGINIA WESTERN COMMUNITY COLLEGE	9

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SECTION B

REGION 4

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARROWHEAD	MINNESOTA UNIV OF-DULUTH	54
CALUMET	PURDUE UNIV-CALUMET	46
CALUMET	*VALPARAISO TECHNICAL INST	40
CALUMET	VALPARAISO UNIV	87
CEDAR RAPIDS	IOWA UNIV OF	106
CENTRAL ILLINOIS	ILLINOIS UNIV OF-URBANA/CHAMPAIGN (C)	577
CENTRAL INDIANA	PURDUE UNIV-INDIANAPOLIS	60
CENTRAL INDIANA	PURDUE UNIV-W LAFAYETTE (C)	361
CENTRAL INDIANA	ROSE-HULMAN INST OF TECHNOLOGY	111
CENTRAL IOWA	IOWA STATE UNIV (C)	426
CHICAGO	DEVRY INST OF TECHNOLOGY-CHICAGO	236
CHICAGO	ILLINOIS INST OF TECHNOLOGY (C)	116
CHICAGO	ILLINOIS UNIV OF-CHICAGO CIRCLE (EMB)	145
CHICAGO	NORTHWESTERN UNIV (C)	106
FORT WAYNE	INDIANA INST OF TECHNOLOGY	12
FORT WAYNE	PURDUE UNIV-FORT WAYNE	51
FORT WAYNE	TRI-STATE UNIV (C)	17
ILLINOIS VALLEY	BRADLEY UNIV	105
MADISON	*WAUKESHA COUNTY TECHNICAL INST	19
MADISON	WISCONSIN UNIV OF-MADISON (C)	232
MADISON	WISCONSIN UNIV OF-PLATTEVILLE	28
MICHIANA	NOTRE DAME UNIV OF	102
MILWAUKEE	*GATEWAY TECHNICAL INST	0
MILWAUKEE	MARQUETTE UNIV	225
MILWAUKEE	MILWAUKEE SCHOOL OF ENGINEERING	206
MILWAUKEE	WISCONSIN UNIV OF-MILWAUKEE (C)	125
MILWAUKEE	WISCONSIN UNIV OF-PARKSIDE	3
NEBRASKA	*GATEWAY ELECTRONICS INST (C)	75
NEBRASKA	NEBRASKA UNIV OF-LINCOLN	55
NEBRASKA	*NEBRASKA UNIV OF-OMAHA	51
NORTHEAST MICHIGAN	GMI ENGINEERING AND MANAGEMENT INST	98
NORTHEASTERN WISCONSIN	*LAKE SUPERIOR STATE COLLEGE	30
NORTHEASTERN WISCONSIN	MICHIGAN TECHNOLOGICAL UNIV (C,P)	174
ROCK RIVER VALLEY	NORTHERN ILLINOIS UNIV	24
SIOUXLAND	SOUTH DAKOTA STATE UNIV	51
SOUTHEASTERN MICHIGAN	DETROIT UNIV OF (C)	25
SOUTHEASTERN MICHIGAN	LAWRENCE INST OF TECHNOLOGY (C)	217
SOUTHEASTERN MICHIGAN	MICHIGAN STATE UNIV	172
SOUTHEASTERN MICHIGAN	MICHIGAN UNIV OF DEARBORN	49
SOUTHEASTERN MICHIGAN	MICHIGAN UNIV OF-ANN ARBOR	334
SOUTHEASTERN MICHIGAN	OAKLAND UNIV	43
SOUTHEASTERN MICHIGAN	*ST CLAIR COLLEGE OF TECH	12
SOUTHEASTERN MICHIGAN	WAYNE STATE UNIV (C)	100
SOUTHEASTERN MICHIGAN	WINDSOR UNIV OF	78
SOUTHERN MINNESOTA	MANKATO STATE UNIV	44
SOUTHERN MINNESOTA	ST CLOUD STATE UNIV	8
TOLEDO	TOLEDO UNIV OF	174
TOLEDO	*TOLEDO UNIV OF-COMMUNITY AND TECH COLLEGE	33
TWIN CITIES	MINNESOTA UNIV OF	293
TWIN CITIES	NORTH DAKOTA STATE UNIV (C,EMB)	153
TWIN CITIES	NORTH DAKOTA UNIV OF	49
TWIN CITIES	*WISCONSIN UNIV OF-STOUT (C)	27
WEST MICHIGAN	WESTERN MICHIGAN UNIV (C)	60

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 CAS-CIRCUITS AND SYSTEMS, COM-COMMUNICATIONS, C-COMPUTER,
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 MEDICINE AND BIOLOGY, IA-INDUSTRY APPLICATIONS, IT-INFORMATION
 THEORY, IM-INSTRUMENTATION AND MEASUREMENT, PE-POWER ENGINEERING.

SECTION B

REGION 5

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARKANSAS	*ARKANSAS COLLEGE OF TECHNOLOGY	2
ARKANSAS	*ARKANSAS STATE UNIV	37
ARKANSAS	ARKANSAS UNIV OF-LITTLE ROCK	15
BEAUMONT	LAMAR UNIV	51
BEAUMONT	MCNEESE STATE UNIV	19
CENTRAL TEXAS	TEXAS UNIV OF-AUSTIN (C)	384
CENTRAL TEXAS	TRINITY UNIV	12
CORPUS CHRISTI	*DEL MAR COLLEGE (C)	61
CORPUS CHRISTI	TEXAS A AND I UNIV	43
DALLAS	DEVRY INST OF TECHNOLOGY -IRVING	31
DALLAS	EAST TEXAS STATE UNIV (C)	15
DALLAS	SOUTHERN METHODIST UNIV	85
DENVER	COLORADO SCHOOL OF MINES	31
DENVER	COLORADO STATE UNIV (C)	124
DENVER	COLORADO UNIV OF-BOULDER	169
DENVER	COLORADO UNIV OF-DENVER	123
DENVER	METROPOLITAN STATE COLLEGE	88
DENVER	SOUTH DAKOTA SCHOOL OF MINES AND TECH	97
DENVER	WYOMING UNIV OF	101
EL PASO	NEW MEXICO STATE UNIV	194
EL PASO	TEXAS UNIV OF-EL PASO	98
FORT WORTH	TEXAS CHRISTIAN UNIV (C)	10
FORT WORTH	TEXAS UNIV OF-ARLINGTON (C)	211
HOUSTON	HOUSTON UNIV OF-CLEAR LAKE	53
HOUSTON	HOUSTON UNIV OF-COLLEGE OF ENG	174
HOUSTON	HOUSTON UNIV OF-COLLEGE OF TECH	38
HOUSTON	PRAIRIE VIEW A AND M UNIV	13
HOUSTON	RICE UNIV (C)	82
HOUSTON	TEXAS A AND M UNIV (C,IA)	611
KANSAS CITY	CENTRAL MISSOURI STATE UNIV	19
KANSAS CITY	*DEVRY INST OF TECHNOLOGY-KANSAS CITY	68
KANSAS CITY	KANSAS STATE UNIV	178
KANSAS CITY	KANSAS UNIV OF	124
KANSAS CITY	MISSOURI UNIV OF-KANSAS CITY	56
KANSAS CITY	SOUTHWEST MISSOURI STATE COLLEGE	18
LAFAYETTE	SOUTHWESTERN LOUISIANA UNIV OF (C)	156
OKLAHOMA CITY	OKLAHOMA UNIV OF	75
OZARK	ARKANSAS UNIV OF	38
PIKES PEAK	COLORADO TECHNICAL COLLEGE	24
PIKES PEAK	COLORADO UNIV OF-COLORADO SPRINGS	71
PIKES PEAK	SOUTHERN COLORADO UNIV OF	24
PIKES PEAK	U S AIR FORCE ACADEMY	25
SAINT LOUIS	MISSOURI UNIV OF-COLUMBIA (C)	334
SAINT LOUIS	MISSOURI UNIV OF-ROLLA (C)	530
SAINT LOUIS	SOUTHERN ILLINOIS UNIV	63
SAINT LOUIS	SOUTHERN ILLINOIS UNIV-EDWARDSVILLE	35
SAINT LOUIS	WASHINGTON UNIV	95
SHREVEPORT	LETOURNEAU COLLEGE	32
SHREVEPORT	LOUISIANA TECHNOLOGICAL UNIV	132
SHREVEPORT	NORTHWESTERN STATE UNIV OF LOUISIANA	18
SOUTH PLAINS	TEXAS TECHNOLOGICAL UNIV	125
TULSA	*OKLAHOMA COLLEGE OF BUSINESS AND TECH	27
TULSA	OKLAHOMA STATE UNIV (C)	120
TULSA	OKLAHOMA STATE UNIV-BRANCH B	66
TULSA	TULSA UNIV OF	27
WICHITA	WICHITA STATE UNIV	36

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 THEORY, IM-INSTRUMENTATION AND MEASUREMENT, PE-POWER ENGINEERING.

SECTION B

REGION 6

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ALASKA	ALASKA UNIV OF	26
ALBUQUERQUE	NEW MEXICO UNIV OF (C)	108
FOOTHILL	CALIFORNIA POLYTECHNIC STATE UNIV (C)	80
FOOTHILL	DEVRY INST OF TECHNOLOGY-LOS ANGELES	108
FOOTHILL	HARVEY MUDD COLLEGE	69
HAWAII	HAWAII UNIV OF	38
IDAHO	IDAHO UNIV OF	100
LAS VEGAS	NEVADA UNIV OF-LAS VEGAS	25
METRO LOS ANGELES	CALIFORNIA STATE UNIV-LOS ANGELES	214
METRO LOS ANGELES	NORTHROP UNIVERSITY	50
METRO LOS ANGELES	SOUTHERN CALIFORNIA UNIV OF	300
MONTANA	MONTANA STATE UNIV	101
OAKLAND-EAST BAY	CALIFORNIA STATE UNIV-FRESNO	66
OAKLAND-EAST BAY	CALIFORNIA UNIV OF-BERKELEY (C)	284
ORANGE COUNTY	CALIFORNIA STATE UNIV-FULLERTON	96
ORANGE COUNTY	CALIFORNIA UNIV OF-IRVINE	154
PHOENIX	ARIZONA STATE UNIV (C)	298
PHOENIX	DEVRY INST OF TECHNOLOGY-PHOENIX	124
PHOENIX	NORTHERN ARIZONA UNIV	30
PORTLAND	*OREGON INST OF TECHNOLOGY	44
PORTLAND	OREGON STATE UNIV	117
PORTLAND	PORTLAND STATE UNIV	64
PORTLAND	PORTLAND UNIV (C)	42
RICHLAND	*WALLA WALLA COLLEGE	36
RICHLAND	WASHINGTON STATE UNIV-RICHLAND	15
SACRAMENTO	CALIFORNIA STATE UNIV-CHICO	132
SACRAMENTO	CALIFORNIA STATE UNIV-SACRAMENTO (C)	202
SACRAMENTO	CALIFORNIA UNIV OF-DAVIS	143
SACRAMENTO	NEVADA UNIV OF	61
SACRAMENTO	PACIFIC UNIV OF THE (C)	86
SAN DIEGO	CALIFORNIA UNIV OF-SAN DIEGO (C)	86
SAN DIEGO	SAN DIEGO STATE UNIV	131
SAN FERNANDO VALLEY	CALIFORNIA STATE UNIV-NORTHRIDGE	154
SAN FERNANDO VALLEY	*LOS ANGELES PIERCE COLLEGE	32
SAN FRANCISCO	*COGSWELL COLLEGE	24
SAN FRANCISCO	SAN FRANCISCO STATE UNIV	59
SANTA BARBARA	CALIFORNIA POLY STATE UNIV-SAN LUIS (P)	71
SANTA BARBARA	CALIFORNIA UNIV OF-SANTA BARBARA (C)	183
SANTA CLARA VALLEY	*FOOTHILL COLLEGE	3
SANTA CLARA VALLEY	SAN JOSE STATE UNIV	94
SANTA CLARA VALLEY	SANTA CLARA UNIV OF (C)	179
SANTA CLARA VALLEY	STANFORD UNIV (C)	354
SANTA CLARA VALLEY	U S NAVAL POSTGRADUATE SCHOOL	45
SANTA MONICA BAY	CALIFORNIA UNIV OF-LOS ANGELES	223
SANTA MONICA BAY	LOYOLA MARYMOUNT UNIV	24
SEATTLE	SEATTLE UNIV	25
SEATTLE	WASHINGTON UNIV OF (C)	197
SOUTH BAY HARBOR	CALIFORNIA STATE UNIV-LONG BEACH (C)	121
SPOKANE	GONZAGA UNIV	34
SPOKANE	WASHINGTON STATE UNIV-PULLMAN (C)	114
TUCSON	ARIZONA UNIV OF	175
UTAH	BRIGHAM YOUNG UNIV	116
UTAH	BRIGHAM YOUNG UNIV-BRANCH B	34
UTAH	UTAH STATE UNIV	47
UTAH	UTAH UNIV OF (C)	93

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SECTION BREGION 7

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
CANADIAN ATLANTIC	NOVA SCOTIA TECHNICAL UNIV OF	97
HAMILTON	MCMASTER UNIV (C)	119
HAMILTON	*MOHAWK COLLEGE OF APPLIED A AND T	15
HAMILTON	*NIAGARA COLLEGE (C)	19
KINGSTON	QUEEN'S UNIV (C)	155
KINGSTON	ROYAL MILITARY COLLEGE OF CANADA	13
KINGSTON	*SAINT LAWRENCE COLLEGE OF APPLIED A AND T	0
KITCHENER-WATERLOO	*CONESTOGA COLLEGE OF APPLIED A AND T	37
KITCHENER-WATERLOO	WATERLOO UNIV OF-STREAM A (C COM CS IT)	130
KITCHENER-WATERLOO	WATERLOO UNIV OF-STREAM B	46
LONDON	*FANSHAWE COLLEGE	114
LONDON	*SAULT COLLEGE OF APPLIED A AND T	11
LONDON	WESTERN ONTARIO UNIV OF	108
MONTREAL	CONCORDIA UNIV (C)	166
MONTREAL	ECOLE DE TECHNOLOGIE SUPERIEURE	22
MONTREAL	ECOLE POLYTECHNIQUE-UNIV OF MONTREAL	173
MONTREAL	MCGILL UNIV (C)	176
NEW BRUNSWICK	NEW BRUNSWICK UNIV OF	102
NEWFOUNDLAND-LABRADOR	NEWFOUNDLAND MEMORIAL UNIV OF	47
NORTHERN CANADA	ALBERTA UNIV OF (C)	82
OTTAWA	*ALGONQUIN COLLEGE OF APPLIED A AND T	48
OTTAWA	CARLETON UNIV	131
OTTAWA	OTTAWA UNIV OF	95
QUEBEC	COLLEGE MILITAIRE ROYAL-ST JEAN	0
QUEBEC	LAVAL UNIV	41
SAINT MAURICE	QUEBEC UNIV OF-TROIS RIVIERES	9
SASKATCHEWAN	REGINA UNIV OF	59
SASKATCHEWAN	*SASKATCHEWAN TECHNICAL INST	14
SASKATCHEWAN	SASKATCHEWAN UNIV OF	137
SOUTHERN ALBERTA	CALGARY UNIV OF	87
SOUTHERN ALBERTA	*SOUTHERN ALBERTA INST OF TECHNOLOGY	1
TORONTO	CENTENNIAL COLLEGE OF APPLIED A AND T	20
TORONTO	*DEVRY INST OF TECHNOLOGY-TORONTO	116
TORONTO	*NORTHERN COLLEGE OF APPLIED A AND T	24
TORONTO	*RADIO COLLEGE OF CANADA	78
TORONTO	*RYERSON POLYTECHNIC INST	132
TORONTO	*SENECA COLLEGE OF APPLIED A AND T	39
TORONTO	TORONTO UNIV OF	174
VANCOUVER	*BRITISH COLUMBIA INST OF TECHNOLOGY	5
VANCOUVER	BRITISH COLUMBIA UNIV OF (C)	153
VICTORIA	VICTORIA UNIV OF	44
WINNIPEG	LAKEHEAD U	31
WINNIPEG	MANITOBA UNIV OF (C)	225
WINNIPEG	*RED RIVER COMMUNITY COLLEGE	82

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SECTION BREGION 8

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
	KUWAIT UNIV	127
BENELUX	CATHOLIC U OF LOUVAIN	64
BENELUX	DELFT UNIV OF TECHNOLOGY	33
BENELUX	EINDHOVEN INST OF TECHNOLOGY	34
BENELUX	KATHOLIEKE UNIV TE LEUVEN	65
BENELUX	LIEGE UNIV AV SART TILMAN	39
BENELUX	TECHNISCHE HOGESCHOOL TWENTE	3
DENMARK	DENMARK SECTION STUDENT BRANCH	15
EGYPT	CAIRO UNIV OF	8
FINLAND	HELSINKI UNIV OF TECHNOLOGY	51
FINLAND	OULU UNIV OF	32
FINLAND	TAMPERE UNIV OF TECHNOLOGY	20
FRANCE	ECOLE NATIONAL SUPERIORE TELECOM	12
FRANCE	ECOLE SUPERIORE ING D'ELECTROTECHNIQUE	5
FRANCE	INSTITUT SUP D'ELECTRONIQUE DU NORD	3
FRANCE	INSTITUT SUP ELECTRONIQUE DE PARIS	1
FRANCE	NATIONAL POLYTECHNIC DE GRENOBLE ENSIEG	32
GERMANY	MUNICH TECHNICAL UNIV OF	32
GERMANY	STUTTGART UNIV OF	16
GREECE	ARISTOTELIAN UNIV OF THESSALONIKA	9
GREECE	ATHENS TECHNICAL UNIV OF	44
ISRAEL	BEN GURION UNIV OF THE NEGEV	7
ISRAEL	ISRAEL INST OF TECHNOLOGY	30
ISRAEL	TEL-AVIV UNIV	22
MIDDLE AND SOUTH ITALY	FLORENCE UNIV OF	16
MIDDLE AND SOUTH ITALY	ROME UNIV OF	33
NORTH ITALY	BOLOGNA UNIV OF	28
NORTH ITALY	GENOVA UNIV OF	19
NORTH ITALY	PADOVA UNIV OF	39
NORTH ITALY	POLITECNICO DI MILANO	41
NORTH ITALY	POLITECNICO DI TORINO	16
NORTH ITALY	TRIESTE UNIV OF	36
SPAIN	ESCUELA TEC SUP TELECOM-MADRID (C, EMB)	104
SPAIN	ESCUELA TECH SUP ING TELECOMUNICACION	59
SWEDEN	CHALMERS UNIV OF TECHNOLOGY	40
SWEDEN	LINKOPING UNIV	14
SWEDEN	LUND INST OF TECHNOLOGY	11
SWEDEN	ROYAL INST OF TECH	7
SWEDEN	UPPSALA UNIV OF	38
SWITZERLAND	ECOLE POLYTECHNIQUES FEDERALES	54
SWITZERLAND	SWISS FEDERAL INST OF TECHNOLOGY-ETH	156
UKRI SECTION	UKRI SECTION STUDENT BRANCH	95
YUGOSLAV	LJUBLJANA UNIV OF	22

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SECTION BREGION 9

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARGENTINA	BUENOS AIRES INST TECHNOLOGICAL DE	26
ARGENTINA	BUENOS AIRES UNIV OF	64
ARGENTINA	DEL SUR UNIV DE	5
ARGENTINA	TUCUMAN NACIONAL UNIV DE	3
BAHIA	BAHIA FEDERAL UNIV DA	20
CENTRAL AMERICA	CENTROAMERICANA UNIVERSIDAD	3
CENTRAL AMERICA	COSTA RICA UNIV DE	16
CENTRAL AMERICA	SAN CARLOS UNIV DE-GUATEMALA (C)	57
CHILE	CHILE CATOLICA UNIV DE	18
CHILE	SANTIAGO UNIV DE	5
COLOMBIA	CAUCA UNIVERSIDAD DEL	26
COLOMBIA	COLOMBIA AUTONOMA UNIV DE	0
COLOMBIA	COLOMBIA UNIV NACIONAL DE	57
COLOMBIA	COLOMBIA UNIV PILOTO DE	0
COLOMBIA	DISTRITAL UNIV FRANCISCO JOSE CALDAS (C)	70
COLOMBIA	ESCUELA COLOMBIANA DE INGENIERIA	0
COLOMBIA	LOS ANDES UNIV DE (C,P)	51
COLOMBIA	*PONTIFICIA UNIV JAVERIANA	27
ECUADOR	*ESCUELA POLITECNICA NACIONAL-ECUADOR	30
MEXICO	ESCUELA SUPERIORE ING MECANICA Y ELECTRICA	5
MEXICO	INST TEC DE ESTUDIOS SUP MONTERREY (C)	49
MEXICO	INST TECNOLOGICO REGIONAL CIUDAD JUAREZ	2
MEXICO	INST TECNOLOGICO REGIONAL DE SALTILLO	0
MEXICO	MEXICO NACIONAL AUTONOMA UNIV DE	5
PANAMA	PANAMA UNIV TECNOLOGICA OF	36
PERU	LIMA UNIV NACIONAL DE ING	69
PUERTO RICO & CARRIBEAN	PUERTO RICO UNIV OF	143
RIO DE JANEIRO	FEDERAL FLUMINENSE UNIV-ESCOLA ENG	0
SAO PAULO	ARMANDO ALVARES PENTEADO FOUNDATION-ENG	0
SAO PAULO	ESCOLA POL UNIV DE SAO PAULO	3
SAO PAULO	ESTADUAL DE CAMPINAS UNIVERSIDADE	7
SAO PAULO	ESTADUAL PAULISTA JULIO DE MESQUITA	0
SAO PAULO	MACKENZIE UNIV	2
SAO PAULO	SAO CARLOS ESCOLA DE ENG OF	16
VENEZUELAN	CARABOBO UNIV DE	82
VENEZUELAN	IUPFAN-INST UNIV POLITEC FUERZAS ARMADAS	11
VENEZUELAN	VENEZUELA CENTRAL UNIV DE	12

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SECTION B

REGION 10

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
	MORATUWA UNIV OF-SRI LANKA	0
BANGALORE	INDIAN INST OF SCIENCE-BANGALORE (C)	43
BANGALORE	TRIVANDRUM COLLEGE OF ENG (C)	111
BOMBAY	BIRLA INSTITUTE OF TECHNOLOGY	29
BOMBAY	INDIAN INST OF TECHNOLOGY-BOMBAY (C)	48
BOMBAY	REGIONAL ENG COLLEGE-WARANGAL	20
CALCUTTA	INDIAN INST OF TECHNOLOGY-KHARAGPUR	44
CALCUTTA	JADAVPUR UNIV	4
DELHI	BANARUS HINDU UNIV	36
DELHI	DELHI COLLEGE OF ENG (P)	26
DELHI	INDIAN INST OF TECH-DELHI	30
DELHI	INDIAN INST OF TECHNOLOGY-KANPUR	12
DELHI	KURUKSHETRA REGIONAL ENG COLLEGE	17
HONG KONG	CHINESE UNIV OF HONG KONG	52
HONG KONG	HONG KONG POLYTECHNIC	30
HONG KONG	HONG KONG UNIV OF	117
HYDERABAD	VISVESVARAYA REGIONAL COLLEGE OF ENG	95
KARACHI	NED UNIV OF ENG AND TECH	28
KERALA	REGIONAL ENGINEERING COLLEGE-CALICUT	50
KOREA	HANYANG UNIV (CAS, C, COM, ED)	93
KOREA	KOREA ADVANCED INST OF SCIENCE	163
KOREA	KOREA UNIV	32
KOREA	SEOUL NATIONAL UNIVERSITY	112
KOREA	YONSEI UNIV	31
MADRAS	ALAGAPPA CHETTIAR COLLEGE OF ENG AND TECH	6
MADRAS	ANNAMALAI UNIV	8
MADRAS	COIMBATORE INST OF TECHNOLOGY	36
MADRAS	INDIAN INST OF TECHNOLOGY-MADRAS (C)	53
MADRAS	MADRAS COLLEGE OF ENG (C)	33
MADRAS	MADRAS INST OF TECHNOLOGY (C,IM)	16
MADRAS	MANIPAL INST OF TECHNOLOGY	93
MADRAS	MARUTHI COLLEGE OF ENG	1
MADRAS	PSG COLLEGE OF TECH	126
MADRAS	REGIONAL ENG COLLEGE-TIRUCHIRA (C)	386
PAKISTAN	LAHORE UNIV OF ENG AND TECH	9
PHILIPPINES	PHILIPPINES UNIV OF (C)	25
SINGAPORE	NANYANG TECHNOLOGICAL INSTITUTE	377
SINGAPORE	SINGAPORE NATIONAL UNIV OF	165
TOKYO	OSAKA UNIV	15
TOKYO	SHIZUOKA UNIV	13
TOKYO	TOKYO UNIV OF	45

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TABLE I - SOCIETIES/COUNCILS BY DIVISION**Division I - Circuits and Devices**

CAS-04	Circuits and Systems
CHMT-21	Components, Hybrids, and Manufacturing Technology
ED-15	Electron Devices
LEO-36	Lasers and Electro-Optics
SSC-37	Solid-State Circuits Council

Division II - Industrial Applications

DEI-32	Dielectrics and Electrical Insulation
IA-34	Industry Applications
IM-09	Instrumentation and Measurement
PEC-35	Power Electronics Council

Division III - Communications Technology

BT-02	Broadcast Technology
COMM-19	Communications
CE-08	Consumer Electronics
VT-06	Vehicular Technology

Division IV - Electromagnetics and Radiation

AP-03	Antennas and Propagation
EMC-27	Electromagnetic Compatibility
Mag-33	Magnetics
MTT-17	Microwave Theory and Techniques
NPS-05	Nuclear and Plasma Sciences

Division V - Computer A*

COMP-16	Computer
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Division VI - Engineering and Human Environment

Ed-25	Education
EM-14	Engineering Management
PC-26	Professional Communication
R-07	Reliability
SIT-30	Social Implications of Technology

Division VII - Energy and Power Engineering

PE-31	Power Engineering
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Division VIII - Computer B*

COMP-16	Computer
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Division IX - Signals and Applications

ASSP-01	Acoustics, Speech, and Signal Processing
AES-10	Aerospace and Electronic Systems
GRS-29	Geoscience and Remote Sensing
OE-22	Oceanic Engineering
UFFC-20	Ultrasonics, Ferroelectrics and Frequency Control

Division X - Systems and Control

CS-23	Control Systems
EMB-18	Engineering in Medicine and Biology
IE-13	Industrial Electronics
IT-12	Information Theory
RA-24	Robotics and Automation Council
SMC-28	Systems, Man, and Cybernetics

* The Computer Society is represented by two Divisions. Members and Affiliates with odd membership numbers are in Division V, those with even membership numbers are in Division VIII.

TABLE 2 - SOCIETY MEMBERSHIP, BY DIVISION, BY SOCIETY, BY GRADE, DECEMBER 31, 1985; 3-YEAR COMPARISON

Society Code	HM	F	SM	M	Voting* Members Subtotal	A	Higher Grade Subtotal	S	1985	1985	1985	1984	1983
									Total Members	Total Affiliates	Members & Affiliates	Members & Affiliates	Members & Affiliates
DIVISION I		666	1,948	17,773	20,387	1,316	21,703	4,541	26,244	114	26,358	24,347	N/A
CAS -04		280	765	8,886	9,931	719	10,650	2,725	13,375	8	13,383	12,538	11,810
CHMT-21		69	360	2,678	3,107	339	3,446	334	3,780	16	3,796	3,496	3,173
ED -15		365	929	7,000	8,294	426	8,720	1,192	9,912	4	9,916	9,455	8,819
LEO -36		156	397	2,571	3,124	201	3,325	976	4,301	87	4,388	3,914	3,615
DIVISION II		348	2,397	12,353	15,098	1,041	16,139	999	17,138	14	17,152	17,217	N/A
DEI -32		85	367	1,120	1,572	136	1,708	86	1,794	10	1,804	1,771	1,829
IA -34		179	1,733	8,298	10,210	576	10,786	568	11,354	1	11,355	11,479	11,369
IM -09		140	503	3,979	4,622	463	5,085	462	5,547	3	5,550	5,599	5,461
DIVISION III		545	2,439	20,979	23,963	1,954	25,917	4,145	30,062	113	30,175	28,527	N/A
BT -02		89	292	1,746	2,127	374	2,501	305	2,806	2	2,808	3,096	3,249
CE -08		95	423	4,001	4,519	530	5,049	813	5,862	4	5,866	6,231	6,222
COMM-19		439	1,854	16,505	18,798	1,312	20,110	3,205	23,315	106	23,421	21,606	18,690
VT -06		73	345	1,713	2,131	199	2,330	196	2,526	3	2,529	2,454	2,405
DIVISION IV		677	2,284	12,908	15,869	1,020	16,889	2,166	19,055	294	19,349	18,168	N/A
AP -03		270	897	4,444	5,611	320	5,931	1,031	6,962	1	6,963	6,452	5,978
EMC -27		97	383	2,009	2,489	211	2,700	129	2,829	3	2,832	2,721	2,453
Mag -33		119	439	2,328	2,886	267	3,153	226	3,379	103	3,482	3,285	3,038
MTT -17		305	923	5,874	7,102	413	7,515	1,200	8,715	3	8,718	8,067	7,435
NPS -05		123	372	1,898	2,393	172	2,565	259	2,824	184	3,008	2,989	3,036
DIVISIONS V & VIII	1	568	3,118	52,739	56,426	5,166	61,592	12,357	73,949	15,629	89,578	84,579	N/A
COMP-16	1	568	3,118	52,739	56,426	5,166	61,592	12,357	73,949	15,629	89,578	84,579	77,902
DIVISION VI		390	2,031	12,313	14,734	1,169	15,903	1,282	17,185	114	17,299	17,195	N/A
Ed -25		167	518	1,372	2,057	177	2,234	206	2,440	5	2,445	2,365	2,303
EM -14		117	839	6,409	7,365	525	7,890	616	8,506	44	8,550	8,482	8,336
PC -26		27	264	1,824	2,115	272	2,387	219	2,606	50	2,656	2,574	2,465
R -07		68	432	2,901	3,401	304	3,705	130	3,835	10	3,845	3,800	3,670
SIT -30		109	364	1,958	2,431	190	2,621	304	2,925	5	2,930	3,218	3,661
DIVISION VII		601	4,136	14,681	19,418	892	20,310	973	21,283	3	21,286	21,263	N/A
PE -31		601	4,136	14,681	19,418	892	20,310	973	21,283	3	21,286	21,263	21,424
DIVISION IX		565	2,045	15,491	18,101	1,154	19,255	3,789	23,044	74	23,118	21,090	N/A
AES -10		249	926	5,680	6,855	415	7,270	1,226	8,496	6	8,502	7,206	6,855
ASSP-01		248	822	8,528	9,598	593	10,191	2,353	12,544	9	12,553	11,766	10,384
GRS -29		60	235	1,406	1,701	142	1,843	249	2,092	38	2,130	2,011	1,934
OE -22		92	299	1,470	1,861	149	2,010	203	2,213	17	2,230	2,339	2,866
UFFC-20		89	254	1,621	1,964	136	2,100	246	2,346	6	2,352	2,279	2,270
DIVISION X		533	1,910	17,129	19,572	1,412	20,984	4,686	25,670	121	25,791	25,258	N/A
CS -23		188	669	6,628	7,485	462	7,947	1,856	9,803	17	9,820	9,866	9,896
EMB -18		134	506	4,391	5,031	387	5,418	1,540	6,958	68	7,026	7,285	7,658
IE -13		89	424	3,807	4,320	450	4,770	564	5,334	0	5,334	4,969	4,910
IT -12		215	441	3,159	3,815	267	4,082	872	4,954	6	4,960	4,805	4,781
SMC -28		126	380	2,799	3,305	237	3,542	695	4,237	32	4,269	4,373	4,325
TOTAL SOCIETY MEMBERS	1	2,631	13,778	114,303	130,713	9,674	140,387	22,697	163,084	16,382	179,466	170,345	N/A
TOTAL SOCIETY MEMBERSHIPS	1	6,031	25,609	196,423	228,064	17,422	245,486	38,316	283,802	16,483	300,285	288,333	274,222

*Institute elections only.

N/A - Not available due to
Division restructuring in 1984.

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1985

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 01										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
BERKSHIRE	147	97	28	8	3	2	0	0	0	0
BINGHAMTON	337	363	73	32	11	4	6	0	0	0
BOSTON (CNEC)	3592	4284	1500	609	229	87	112	3	1	1
BUFFALO	543	353	92	36	21	15	5	0	0	0
CONNECTICUT	2015	1441	501	178	74	38	28	0	0	0
ITHACA	132	145	70	24	13	4	1	0	0	0
LONG ISLAND (METSAC)	2343	1201	410	154	78	21	37	3	2	1
MAINE	287	154	46	18	7	3	7	0	0	0
MID-HUDSON	619	587	164	50	8	13	7	0	0	0
MOHAWK VALLEY	346	208	76	39	18	7	12	0	0	0
NEW HAMPSHIRE (CNEC)	625	605	205	72	26	11	9	0	0	0
NEW JERSEY COAST	1045	920	365	143	53	13	17	4	1	0
NEW YCRK (METSAC)	3528	2188	895	326	126	63	72	3	0	1
NORTH JERSEY (METSAC)	2598	1868	767	238	95	42	31	1	0	0
PRINCETON (METSAC)	1235	564	367	121	51	16	19	0	1	0
PROVIDENCE (CNEC)	639	508	189	82	25	13	7	0	0	0
ROCHESTER	562	571	161	47	24	8	10	1	0	0
SCHENECTADY	476	585	220	67	32	14	5	0	1	0
SPRINGFIELD	249	193	95	36	16	6	8	0	0	0
SYRACUSE	362	390	151	53	28	6	4	0	0	0
VERMONT	283	210	68	13	6	1	1	0	0	0
WORCESTER COUNTY (CNEC)	302	396	146	33	25	3	8	0	0	0
TOTAL REGION 01	22265	18231	6589	2379	969	390	405	15	6	3

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 02										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AKRON	276	211	79	13	3	3	1	2	0	0
ALLEGHENY MOUNTAIN	46	17	7	1	0	0	0	0	0	0
BALTIMORE	1067	986	336	136	42	20	23	2	0	0
CANTON	135	79	29	5	2	1	3	0	0	0
CENTRAL PENNSYLVANIA	403	210	77	21	4	4	5	0	0	0
CINCINNATI	356	261	101	38	12	3	9	0	0	0
CLEVELAND	842	626	205	94	34	12	13	0	1	0
COLUMBUS	664	657	226	85	34	10	12	0	0	0
DAYTON	691	522	211	78	24	11	11	0	0	0
DELAWARE BAY	192	164	73	21	9	4	2	0	0	0
EASTERN SHORE	85	37	13	6	2	0	0	0	0	0
ERIE	135	69	21	7	3	1	1	0	0	0
JOHNSTOWN	119	59	13	5	1	1	2	0	0	0
LEHIGH VALLEY	792	567	153	65	14	10	6	0	0	0
LIMA	179	39	13	1	1	1	0	0	0	0
NORTH CENTRAL OHIO	45	28	12	3	1	1	0	0	0	0
NORTHERN VIRGINIA (NCAC)	1841	1726	750	309	109	47	71	5	0	0
OHIO VALLEY	52	22	4	2	0	0	0	0	0	0
PHILADELPHIA	2795	2097	754	245	91	39	55	0	0	2
PITTSBURGH	1223	1126	421	112	56	22	18	0	0	0
SHARON	172	57	32	5	2	1	1	0	0	0
SOUTHERN NEW JERSEY	93	66	20	2	0	1	1	0	0	0
SUSQUEHANNA	347	192	67	19	10	5	3	1	0	0
WASH (NCAC)	2914	2625	1037	403	160	57	76	5	3	1
WEST VIRGINIA	127	52	8	5	2	1	0	0	0	0
TOTAL REGION 02	15591	12495	4662	1681	616	255	313	15	4	3

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1985

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 03										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ALABAMA	779	485	119	43	10	10	4	0	0	0
ATLANTA	1189	1128	444	170	72	22	19	2	0	0
BATON ROUGE	257	142	37	13	2	2	1	0	0	0
BROWARD (FC)	323	276	87	24	16	3	6	0	0	0
CANAVERAL (FC)	151	85	21	8	2	1	1	0	0	0
CENTRAL GEORGIA	116	83	26	2	1	1	2	0	0	0
CENTRAL NORTH CAROLINA (NCC)	179	63	27	6	4	4	2	0	0	0
CENTRAL SAVANNAH RIVER (SCC)	130	51	21	7	3	2	0	0	0	0
CENTRAL VIRGINIA (VC)	356	202	60	35	7	5	4	1	0	0
CHARLOTTE (NCC)	469	344	84	26	9	2	1	0	0	0
CHATTANOOGA (TC)	202	151	36	8	3	2	1	0	0	0
COASTAL SOUTH CAROLINA (SCC)	224	95	34	9	2	1	4	0	0	0
COLUMBIA (SCC)	248	176	43	18	5	1	1	0	0	0
DAYTONA (FC)	111	55	19	3	2	1	0	0	0	0
EAST TENNESSEE (TC)	480	229	74	20	2	9	1	0	0	0
EASTERN NORTH CAROLINA (NCC)	924	818	325	95	46	9	9	0	0	0
EVANSVILLE-CWENSBORO	230	75	33	9	3	3	2	0	0	0
FLORIDA WEST COAST (FC)	1070	692	188	49	27	18	11	3	0	0
FORT WALTON (FC)	113	41	21	5	0	0	2	0	0	0
GAINESVILLE (FC)	206	178	72	26	9	3	5	0	0	0
HAMPTON ROADS (VC)	522	238	81	29	10	3	4	0	0	0
HUNTSVILLE	532	438	122	58	18	8	9	2	0	0
JACKSONVILLE (FC)	122	82	20	2	2	0	1	0	0	0
JAMAICA	24	17	17	9	3	5	0	0	0	0
LEXINGTON	197	93	33	15	8	1	3	0	0	0
LOUISVILLE	415	116	38	14	4	4	1	0	0	0
MEMPHIS (TC)	357	156	38	16	8	3	3	1	0	0
MIAMI (FC)	420	392	112	27	6	8	6	0	0	0
MIDDLE TENNESSEE (TC)	89	33	10	7	1	1	1	0	0	0
MISSISSIPPI	292	152	50	13	2	2	1	0	0	0
MOBILE	153	54	19	5	2	0	1	0	0	0
NASHVILLE (TC)	481	188	52	26	7	5	4	0	0	0
NEW ORLEANS	453	280	100	25	9	1	4	0	0	0
OAK RIDGE (TC)	92	64	27	10	1	2	1	0	0	0
ORLANDO (FC)	536	371	158	47	13	8	10	0	0	1
PALM BEACH (FC)	402	353	100	33	11	1	7	0	0	0
PENSACOLA (FC)	61	30	15	4	1	0	0	0	0	0
PIEDMONT (SCC)	321	229	63	27	8	3	2	0	0	0
RICHMOND (VC)	253	208	63	20	6	3	1	0	0	0
SAVANNAH	74	24	5	3	3	0	0	0	0	0
SO BREVARD INDIAN RIVER (FC)	338	370	155	55	15	7	6	0	0	0
TALLAHASSEE AREA (FC)	124	96	22	17	5	0	0	0	0	0
TRI CITIES (TC)	128	119	39	8	5	3	3	0	0	0
VIRGINIA MOUNTAIN (VC)	408	256	89	28	5	4	3	0	0	0
WESTERN NORTH CAROLINA (NCC)	94	50	17	3	3	1	0	0	1	0
WINSTON-SALEM (NCC)	117	62	15	5	4	1	1	0	0	0
TOTAL REGION 03	14762	9840	3231	1082	385	173	148	9	2	1

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1985

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 04										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ARROWHEAD	145	52	14	4	1	1	0	0	0	0
CALUMET	361	134	75	15	8	3	3	0	0	0
CEDAR RAPIDS	304	168	59	19	4	2	1	0	0	0
CENTRAL ILLINOIS	439	470	149	68	26	7	9	0	0	0
CENTRAL INDIANA	737	689	251	83	33	16	13	0	0	0
CENTRAL IOWA	310	301	57	17	6	2	3	0	0	0
CHICAGO	2426	2403	858	314	116	67	59	3	0	0
FORT WAYNE	248	167	56	23	8	2	3	1	0	0
ILLINOIS VALLEY	126	66	23	7	2	1	1	0	0	0
IOWA-ILLINOIS	115	112	17	7	0	1	3	0	0	0
MADISON	208	309	98	29	12	5	5	0	0	0
MICHIANA	188	98	50	25	8	3	2	0	0	0
MILWAUKEE	770	772	280	93	42	22	17	2	0	0
MISSOURI SLOPE	40	35	11	2	2	0	0	0	0	0
NEBRASKA	405	261	101	37	9	3	3	1	0	0
NORTHEAST MICHIGAN	166	137	33	16	4	4	5	0	0	0
NORTHEASTERN WISCONSIN	244	240	65	34	12	5	2	0	0	0
ROCK RIVER VALLEY	150	106	38	7	6	3	4	0	0	0
SIOUXLAND	107	51	17	5	1	0	0	0	0	0
SOUTHEASTERN MICHIGAN	1600	1494	548	226	75	35	35	1	0	0
SOUTHERN MINNESOTA	176	152	36	15	5	1	3	0	0	0
TOLEDO	358	164	65	24	5	4	2	0	0	0
TWIN CITIES	1191	1401	488	180	74	23	31	6	0	1
WEST MICHIGAN	275	208	65	21	4	1	2	1	0	0
TOTAL REGION 04	11089	9990	3454	1271	463	211	206	15	0	1

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 05										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ARKANSAS	215	132	35	10	2	1	0	0	0	0
BEAUMONT	159	61	16	10	2	4	1	0	0	0
CENTRAL TEXAS	772	1143	358	123	53	16	28	0	1	0
CORPUS CHRISTI	173	115	33	15	2	2	2	0	0	0
DALLAS	1605	1748	539	193	72	26	40	3	0	0
DENVER	1565	1400	492	178	73	26	32	0	0	0
EL PASO	441	127	52	24	7	6	5	0	0	0
FORT WORTH	664	671	202	64	25	20	7	0	0	0
GALVESTON BAY	284	235	71	20	8	1	1	0	0	0
HOUSTON	1493	1294	436	191	57	19	26	0	0	0
KANSAS CITY	998	518	186	57	27	12	11	0	0	0
LAFAYETTE	160	137	17	2	2	0	1	0	0	0
OKLAHOMA CITY	265	209	70	22	6	3	10	0	0	0
OKARK	103	44	19	4	5	3	2	0	0	0
PANHANDLE	89	43	13	3	0	1	0	0	0	0
PERMIAN BASIN	54	27	2	6	1	2	0	0	0	0
PIKES PEAK	367	300	131	43	21	7	10	0	0	0
SAINT LOUIS	1732	1003	329	105	43	16	23	0	0	0
SHREVEPORT	294	113	38	9	4	0	1	0	0	0
SOUTH PLAINS	146	58	25	6	4	4	0	0	0	0
TULSA	379	235	96	28	8	4	8	0	0	0
WICHITA	193	195	52	18	8	2	1	0	1	0
TOTAL REGION 05	12151	9808	3212	1131	430	175	209	3	2	0

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1985

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 06										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ALAMOGORDO-HOLLOMAN	30	14	2	1	0	0	1	0	0	0
ALASKA	136	109	32	15	11	2	3	0	0	0
ALBUQUERQUE	431	434	158	68	19	12	9	1	0	0
BOISE	82	94	17	5	5	1	1	0	0	0
BUENAVENTURA (LAC)	438	414	157	60	20	7	9	0	1	0
CHINA LAKE (LAC)	137	98	31	13	8	2	2	0	0	0
EASTERN MONTANA	38	15	3	0	0	0	0	0	0	0
FOOTHILL (LAC)	672	457	159	60	30	15	9	0	0	0
FORT HUACHUCA	59	35	24	6	4	0	1	0	0	0
HAWAII	390	162	57	17	6	4	5	0	0	0
IDAHO	67	44	16	4	1	0	0	0	0	0
LAS VEGAS	108	54	17	6	6	0	2	0	0	0
LOS ALAMOS	89	83	37	9	6	4	3	0	0	0
METROPOLITAN LOS ANGELES (LAC)	435	449	135	68	33	13	12	2	0	0
MONTANA	148	76	23	7	1	3	1	0	0	0
NORTHERN NEVADA	123	78	27	11	1	7	0	0	0	0
OAKLAND-EAST BAY (SFBAC)	987	1341	497	180	74	39	34	0	0	0
ORANGE COUNTY (LAC)	1941	1692	540	219	86	29	43	0	2	0
PHOENIX	1376	1217	386	125	38	15	18	5	1	0
PORTLAND	780	1069	333	87	36	11	14	3	0	0
RICHLAND	165	90	29	11	4	1	1	0	0	0
SACRAMENTO	801	654	177	45	20	8	10	1	0	0
SAN DIEGO	1126	1157	429	197	72	37	43	1	1	0
SAN FERNANDO VALLEY (LAC)	1002	767	312	114	48	11	20	1	1	0
SAN FRANCISCO (SFBAC)	629	823	289	93	35	19	21	2	0	0
SAN GABRIEL VALLEY (LAC)	429	471	167	83	33	9	19	0	0	0
SANTA BARBARA	346	278	130	53	26	11	5	1	0	0
SANTA CLARA VALLEY (SFBAC)	2950	5091	1934	709	281	117	132	7	0	1
SANTA MONICA BAY (LAC)	549	670	294	97	46	22	24	1	0	1
SEATTLE	1221	1232	463	149	71	23	24	0	0	0
SOUTH BAY HARBOR (LAC)	1039	1088	484	165	76	21	43	2	0	0
SPOKANE	307	162	54	17	6	3	2	1	0	0
TUCSON	346	316	105	33	13	8	8	2	0	0
UTAH	445	391	154	46	24	4	6	1	0	0
VANDENBERG	83	65	17	6	3	3	1	0	0	0
WENATCHEE	33	33	3	1	1	1	1	0	0	0
TOTAL REGION 06	19938	21223	7692	2784	1144	462	527	31	6	2

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1985

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 07										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
CANADIAN ATLANTIC (ECC)	144	92	46	16	7	3	4	0	0	0
HAMILTON (CCC)	268	186	90	39	14	7	9	0	0	0
KINGSTON (CCC)	129	130	48	15	4	1	1	0	0	0
KITCHENER-WATERLOO (CCC)	132	209	92	32	17	6	6	0	0	0
LENDON (CCC)	265	105	53	12	10	6	3	0	0	0
MONTREAL (ECC)	780	921	361	142	71	32	29	2	2	0
N SASKATCHEWAN (WCC)	122	60	30	9	4	4	5	0	0	0
NEW BRUNSWICK (ECC)	158	70	19	13	6	0	1	0	0	0
NEWFOUNDLAND-LABRADOR (ECC)	60	34	14	3	4	0	0	0	0	0
NORTHERN CANADA (WCC)	165	198	104	35	18	5	6	1	0	0
OTTAWA (ECC)	714	721	307	133	50	18	28	2	0	0
PETERBOROUGH (CCC)	36	37	21	3	3	3	2	0	0	0
QUEBEC (ECC)	74	72	24	20	6	2	1	0	0	0
S SASKATCHEWAN (WCC)	155	46	19	13	8	2	4	0	0	0
SAINT MAURICE (ECC)	13	8	6	9	0	0	1	0	0	0
SOUTHERN ALBERTA (WCC)	208	217	88	53	18	13	11	0	0	0
TORONTO (CCC)	1218	1098	447	204	77	47	44	1	0	0
VANCOUVER (WCC)	361	417	177	47	27	9	21	0	1	0
VICTORIA (WCC)	91	61	33	11	5	2	0	0	0	0
WINNIPEG (WCC)	361	301	94	32	21	8	8	0	0	0
TOTAL REGION 07	5454	4983	2073	841	370	168	184	6	3	0

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 08										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AUSTRIA	15	60	16	23	13	6	8	0	0	0
BENELUX	149	509	254	108	62	23	56	8	0	0
DENMARK	28	104	72	36	15	12	20	1	0	0
EAST AFRICA	90	33	17	8	7	1	4	0	0	0
EGYPT	50	117	77	31	13	6	8	1	0	0
FINLAND	39	112	69	43	19	9	15	1	0	0
FRANCE	265	332	173	74	35	21	60	8	1	0
GERMANY (WEST)	223	626	287	107	55	43	60	6	1	0
GREECE	72	128	61	44	19	10	16	0	0	0
IRAN	27	56	30	27	17	12	20	0	0	0
ISRAEL	135	278	124	72	22	14	22	3	2	0
MIDDLE & SOUTH ITALY	70	172	73	42	29	13	32	6	2	1
NIGERIA	46	41	24	13	4	0	2	1	0	0
NORTH ITALY	189	328	116	50	26	28	38	2	3	1
NORWAY	39	104	42	25	18	9	23	1	0	0
POLAND	6	39	9	7	2	0	1	0	0	0
PORTUGAL	18	75	30	10	5	3	11	0	0	0
SAUDI ARABIA	190	214	123	59	23	8	24	0	0	0
SOUTH AFRICA	49	55	37	30	16	8	13	0	0	0
SPAIN	85	229	147	94	44	33	67	7	1	2
SWEDEN	68	246	124	52	36	20	52	6	1	0
SWITZERLAND	300	444	215	110	45	25	49	0	0	0
UNITED KINGDOM & REP IRELAND	738	1012	416	172	73	33	49	2	0	0
YUGOSLAV	6	77	74	42	22	8	6	1	0	0
COUNTRIES OUTSIDE SECTION	370	305	164	82	29	18	31	2	0	0
TOTAL REGION 08	3467	5696	2774	1361	649	363	687	56	11	4

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1985

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 09										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ARGENTINA	85	138	58	34	22	19	28	0	0	0
BAHIA (BC)	21	23	14	1	7	3	3	0	0	0
BRAZILIA (BC)	2	11	5	2	2	0	2	0	0	0
CENTRAL AMERICA (CAPC)	202	74	32	11	5	1	2	0	0	0
CHILE	79	183	56	22	11	4	3	0	0	0
COLOMBIA	67	209	116	50	26	16	11	0	0	0
ECUADOR	12	34	30	25	9	4	7	0	0	0
MEXICO (MC)	175	201	89	52	19	10	22	0	1	0
MONTREY (MC)	55	43	20	10	8	2	4	0	0	0
PANAMA (CAPC)	59	73	34	15	8	5	1	0	0	0
PERU	45	92	52	40	10	6	8	1	0	0
PUERTO RICO & CARIBBEAN	339	172	79	30	12	12	9	0	0	0
RIO DE JANEIRO (BC)	19	77	36	23	7	1	5	0	1	0
SAO PAULO (BC)	70	99	57	28	19	9	7	0	1	0
VENEZUELAN	191	103	59	19	19	4	8	0	0	0
COUNTRIES OUTSIDE SECTION	11	19	12	5	0	1	1	0	0	0
TOTAL REGION 09	1431	1551	749	367	184	97	121	1	3	0

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 10										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AUSTRALIAN	155	343	183	107	57	22	30	0	0	0
BANGALORE (AIC)	163	148	28	7	1	0	6	0	0	0
BEIJING	72	50	19	6	2	2	1	0	1	0
BOMBAY (AIC)	265	246	64	27	5	7	16	1	0	0
CALCUTTA (AIC)	82	80	28	13	5	2	1	0	0	0
DELHI (AIC)	171	193	46	12	10	5	2	1	0	0
HONG KONG	709	612	180	85	36	16	14	0	0	0
HYDERABAD (AIC)	71	73	20	3	2	0	1	1	0	0
KARACHI	69	30	15	1	5	1	0	0	0	0
KERALA (AIC)	199	139	20	2	2	0	0	1	0	0
KHARAGPUR (AIC)	19	29	19	2	0	0	0	0	0	0
KOREA	39	329	251	147	93	43	81	6	4	2
MADRAS (AIC)	701	263	44	13	4	1	2	0	2	0
MALAYSIA	112	114	48	22	7	3	6	0	0	0
NEW ZEALAND NORTH (NZC)	33	45	23	5	3	3	0	0	0	0
NEW ZEALAND SOUTH (NZC)	65	63	31	9	6	3	2	0	0	0
PAKISTAN	105	52	7	6	3	4	1	0	0	0
QUEENSLAND	44	102	71	48	32	6	8	0	0	0
REPUBLIC OF THE PHILIPPINES	41	44	20	12	7	3	2	0	0	0
S AUSTRALIA	16	42	32	7	3	5	5	0	0	0
SINGAPORE	682	498	177	74	26	12	14	0	0	0
TAIPEI	80	224	118	62	30	12	25	1	0	0
THAILAND	38	43	35	20	7	0	10	1	0	1
TOKYO	350	2060	959	376	192	89	176	20	11	16
VICTORIAN (AUS)	106	250	158	66	33	16	23	2	0	0
WESTERN AUSTRALIA	34	50	15	16	6	4	5	0	0	0
COUNTRIES OUTSIDE SECTION	91	75	45	21	8	6	10	0	0	0
TOTAL REGION 10	4512	6197	2656	1169	585	265	441	34	18	19

TOTAL ALL REGIONS	0	1	2	3	4	5	6-15	16-25	26-32	ALL
	110660	100014	37092	14066	5795	2559	3241	185	55	33

SECTION C

Table 5 - IEEE Chapters - as of 12/31/85

Code	Society Name	No of Chapters	Section/Council Location		
AES-10	Aerospace & Electronic Systems	31	All India Council	Huntsville	Saint Louis
			Atlanta	Israel	San Diego
			Baltimore	Long Island	Santa Clara Valley
			Central New Eng- land Council	Los Angeles Council	Seattle
			Cleveland	Mohawk Valley	Southeastern Michigan
			Dayton	New Jersey Coast	Spain
			Denver	NY/North Jersey	Syracuse
			Fort Wayne	Orlando	Toronto
			Fort Worth	Ottawa	Vancouver
			Houston	Philadelphia	Washington/No Virginia
				Rochester	
AP-03	Antennas & Propagation	40	Albuquerque	Los Angeles Council	South Brevard-Indian River
			Atlanta	Middle & South Italy	Southeastern Michigan
			Baltimore	Montreal	Seattle
			Benelux	New Jersey Coast	Spain
			Central New Eng- land Council	North Jersey	Spokane
			Chicago	Oakland East Bay	Sweden
			Columbus	Orlando	Switzerland
			Dallas	Ottawa	Syracuse
			Denver	Philadelphia	Tokyo
			Houston	Phoenix	Tucson
			Huntsville	San Francisco	Utah
			Israel	Saint Louis	Vancouver
			Long Island/NY	San Diego	Washington/No Virginia
				Santa Clara Valley	
			ASSP-01	Acoustics, Speech & Signal Processing	29
Boston	Montreal	Schenectady			
Cen Pennsylvania	Northern Virginia	Southeastern Michigan			
Connecticut	North Jersey	Spain			
Chicago	Oakland-East Bay	Switzerland			
Cleveland	Orange County	Tokyo			
Dallas	Philadelphia	Twin Cities			
Florida West Coast	Pittsburgh	Vancouver			
France	Quebec	Washington			
Houston	San Diego				
BT-02	Broadcast Technology	9			
			Cleveland	Philadelphia	Washington/Northern Virginia
			Florida West Coast	Tokyo	
			New York		
CAS-04	Circuits & Systems	31	All India Council	Kitchener-Waterloo	Sacramento
			Canton	Los Angeles Council	Santa Clara Valley
			Central Indiana	Mid-Hudson	Seattle
			Central New Eng- land Council	Montreal	Southeastern Michigan
			Chicago	New Jersey Coast	Spokane
			Cleveland	Ottawa	Syracuse
			Dallas/Fort Worth	Philadelphia	Switzerland
			Fort Wayne	Phoenix	Tokyo
			Hamilton	Pikes Peak	Twin Cities
			Houston	Portland	United Kingdom & the Republic of Ireland
				Princeton	
CE-08	Consumer Electronics	10	Chicago	Ottawa	Toronto
			Cleveland	Philadelphia	Washington/Northern Virginia
			Florida West Coast	Princeton	
			New York	Tokyo	

SECTION C

Table 5 - IEEE Chapters - as of 12/31/85

COMM-19	Communications	65	Alabama	Israel	Puerto Rico & Caribbean			
			All India Council	Kansas City	Rochester			
			Atlanta	Kitchener-Waterloo	Sacramento			
			Baltimore	Long Island	Saint Louis			
			Canton	Los Angeles Council	San Diego			
			Central Illinois	Maine	Santa Clara Valley			
			Central New England Council	Mexico	San Francisco			
			Charlotte	Miami	Saskatchewan			
			Chicago	Mohawk Valley	Schenectady			
			Columbus	Montreal	Seattle			
			Dallas	New Hampshire	Southeastern Michigan			
			Denver	New Jersey Coast	Spain			
			Eastern NC/ Western NC/ Central NC/ Winston-Salem	New Orleans	Sweden			
			Florida West Coast	New York	Switzerland			
			Fort Huachuca	North Jersey	Syracuse			
			Fort Wayne	Orlando	Tokyo			
			France	Ottawa	Toronto			
			Hamilton	Peru	Tucson			
			Houston	Philadelphia	Twin Cities			
				Pittsburgh	Vancouver			
				Phoenix	Victorian			
				Portland	Winnipeg			
				Princeton	Washington/No Virginia			
			CHMT-21	Components, Hybrids & Manufacturing Technology	12	Central New England Council	Los Angeles Council	Portland
						Chicago	New Jersey Coast	Santa Clara Valley
Dayton	NY/Long Island/ North Jersey	Tokyo						
Lehigh Valley	Philadelphia	Washington/No Virginia						
CS-23	Control Systems	39	All India Council	Hamilton	San Diego			
			Baltimore	Huntsville	Santa Clara Valley			
			Bangalore	Kitchener-Waterloo	Schenectady			
			Buffalo	Long Island/NY	Southeastern Michigan			
			Central New England Council	Mexico	Spokane			
			Chicago	Milwaukee	Tokyo			
			Chile	New Jersey Coast	Toledo			
			Cleveland	North Jersey	United Kingdom & the Republic of Ireland			
			Columbus	Northern Virginia	Vancouver			
			Dallas	Philadelphia	Virginia Mountain			
			Dayton	Phoenix	Washington			
			Denver	Pittsburgh	Wichita			
			Fort Worth	Portland				
				Sacramento				

SECTION C

Table 5 - IEEE Chapters - as of 12/31/85

COMP-16	Computer	115	Akron Alabama Argentina Arkansas Atlanta Baltimore Binghamton Bangalore Bombay Broward Buffalo Calumet Canaveral Canadian Atlantic Canton Cedar Rapids Central Georgia Central Indiana Central New Eng- land Council Central Texas Charlotte Chicago Chile Cleveland Columbus Connecticut Corpus Christi Dallas Dayton Delaware Bay Denver Eastern Shore East Tennessee/ Oak Ridge Egypt Florida West Coast Fort Huachuca Fort Wayne Fort Worth	France Hamilton Hampton Roads Hong Kong Houston Huntsville Illinois Valley Israel Kerala Kitchener-Waterloo Korea Lehigh Valley Lexington/Louis- ville Long Island Los Angeles Council Madras Maine Mexico Miami Mid-Hudson Milwaukee Mohawk Valley Montreal Nashville Nebraska New Hampshire New Jersey Coast New Orleans New York North Jersey Northern Canada Northern Virginia Oakland-East Bay Oklahoma City Orlando Ottawa Palm Beach Panama Philadelphia	Phoenix Pikes Peak Pittsburgh Portland Princeton Puerto Rico & Caribbean Quebec Richland Rochester Sacramento Saint Louis San Diego Sao Paulo Schenectady Seattle Singapore Southern Alberta Southeastern Michigan Spain Spokane Switzerland Syracuse Taipei Tokyo Toledo Toronto Tri Cities Tucson Twin Cities Utah United Kingdom & the Republic of Ireland Vancouver Victorian Virginia Mountain Washington Wichita Winnipeg Worcester County
Ed-25	Education	7	Central New Eng- land Council Hamilton	Los Angeles Council Mexico Tokyo	United Kingdom & the Republic of Ireland Utah
EI-32	Electrical Insulation	4	Bay of Quinte/ Hamilton/ Kitchener-Waterloo/ London/Toronto	Montreal/Ottawa Tokyo	Vancouver
EMC-27	Electromagnetic Compatibility	23	Albuquerque Atlanta Baltimore Central New Eng- land Council Central Texas Chicago Dayton	Denver Denver (Littleton) Los Angeles Council Long Island/NY Mohawk Valley New Jersey Coast Orange County Ottawa	Philadelphia San Diego Santa Clara Valley Seattle Tokyo Tucson Twin Cities Washington/No Virginia

SECTION C

Table 5 - IEEE Chapters - as of 12/31/85

ED-15	Electron Devices	36	Albuquerque All India Council Central Illinois Central New Eng- land Council Chicago Dallas Dayton Houston Israel Kichener-Waterloo Lehigh Valley Los Angeles Council	Mid-Hudson Milwaukee New Jersey Coast NY/Long Island Orlando Ottawa Philadelphia Phoenix Pikes Peak Pittsburgh Portland Princeton	Rochester Saint Louis Santa Clara Valley Schenectady Southeastern Michigan Spokane Switzerland Syracuse Tokyo Twin Cities Utah Washington/No Virginia
EM-14	Engineering Management	35	Atlanta Broward Buffalo Canaveral Central Indiana Central New Eng- land Council Chicago Cleveland Dallas Dayton Denver	Houston Huntsville Israel Kansas City Los Angeles Council Madras Mexico Miami Milwaukee Mohawk Valley Montreal Nebraska	New Jersey Coast North Jersey/NY Ottawa Philadelphia Pittsburgh Rochester Santa Clara Valley Sao Paulo Southeastern Michigan Spokane Tri-Cities Washington/No Virginia
EMB-18	Engineering in Medicine & Biology	37	Atlanta Central Indiana Central New Eng- land Council Central Texas Chicago Cincinnati Cleveland Connecticut Dallas Dayton Denver Houston	Los Angeles Council Memphis Miami Milwaukee Montreal Nashville New Jersey Coast NY/Long Island North Jersey Oakland-East Bay Philadelphia Pittsburgh Portland	Princeton Rochester Sacramento Saint Louis Santa Clara Valley Seattle Southeastern Michigan Tokyo Twin Cities Utah Washington/No Virginia Winnipeg
GRS-29	Geoscience & Remote Sensing	8	Denver European Chapter Los Angeles Council North Jersey	Oakland East Bay Southeastern Michigan	Toyko Washington/No Virginia
IE-13	Industrial Electronics	17	All India Council Arkansas Bangalore Beaumont Chicago Chile	Cleveland Connecticut Lehigh Valley Los Angeles Council Mexico Santa Clara Valley	Schenectady Tokyo Toledo Vancouver Virginia Mountain

SECTION C

Table 5 - IEEE Chapters - as of 12/31/85

IA-34	Industry Applications	64	Akron Alabama All India Council Atlanta Baltimore Bangalore Baton Rouge Buffalo Calumet Central Illinois Central New Eng- land Council Chicago Cincinnati Cleveland Columbus Connecticut Dallas Dayton Delaware Bay Denver Eastern N Carolina	Hamilton Hong Kong Houston Los Angeles Council Madras Maine Mexico Miami Middle Tennessee Milwaukee Montreal North Jersey NY/Long Island New Zealand North Orange County Oakland-East Bay Oklahoma City Orlando Panama Philadelphia Phoenix Pittsburgh	Portland Rochester Saint Louis San Francisco Saskatchewan Sao Paulo Schenectady Seattle Southern Alberta Southeastern Michigan Spokane Syracuse Tokyo Toledo Toronto Tulsa Twin Cities Vancouver Virginia Mountain Washington/No Virginia Wichita
IT-12	Information Theory	18	Buffalo Central New Eng- land Council Central NC/ Eastern NC/ Western NC/ Winston-Salem Dallas Denver	Chicago/Central Illinois/Central Indiana/Michiana Hamilton Kitchener-Waterloo Los Angeles Council Montreal NY/Long Island/ North Jersey	Philadelphia Phoenix Santa Clara Valley Schenectady Southeastern Michigan Tokyo Washington/No Virginia
IM-09	Instrumentation & Measurement	14	Central Illinois Central New Eng- land Council Chicago Cleveland Denver	Los Angeles Council Montreal NY/Long Island/ North Jersey Ottawa Portland	Southeastern Michigan Tokyo Toronto Washington
MAG-33	Magnetics	13	Central New Eng- land Council Houston Los Angeles Council Milwaukee	Philadelphia Pittsburgh Princeton Rochester San Diego	Santa Clara Valley Tokyo Twin Cities Washington/No Virginia
MTT-17	Microwave Theory & Techniques	46	Albuquerque All India Council Atlanta Baltimore Benelux Central Illinois Central New Eng- land Council Chicago Columbus Dallas Denver Florida West Coast Houston Huntsville Israel	Long Island/NY Los Angeles Council Middle & South Italy Milwaukee Montreal New Jersey Coast North Jersey Orlando Ottawa Philadelphia Phoenix Portland Princeton Saint Louis San Diego San Fernando Valley	Santa Clara Valley Schenectady Seattle South Brevard-Indian River Southeastern Michigan Spain Sweden Switzerland Syracuse Tokyo Tucson Twin Cities Utah Washington/No Virginia West Germany

SECTION C

Table 5 - IEEE Chapters - as of 12/31/85

NPS-05	Nuclear & Plasma Sciences	10	All India Council Benelux Central Illinois Central New Eng- land Council	Chicago Los Angeles Council North Jersey Santa Clara Valley	Tokyo Washington/No Virginia/ Baltimore
OE-22	Oceanic Engineering	4	Canadian Atlantic Central New Eng- land Council	San Diego Seattle	
PC-26	Professional Communication	7	Central New Eng- land Council Chicago	Los Angeles Council Ottawa Philadelphia	United Kingdom & the Republic of Ireland Washington/No Virginia
PE-31	Power Engineering	113	Akron Alabama Albuquerque All India Council Argentina Arkansas Atlanta Baltimore Bangalore Beaumont Berkshire Boston Broward Buffalo Calumet Canton Central Illinois Central Indiana Central Texas Charlotte Chattanooga Chicago Cincinnati Cleveland Columbus Connecticut Corpus Christi Dallas Dayton Delaware Bay Denver Eastern N Carolina East Tennessee Erie Florida West Coast Fort Worth France Greece Hong Kong	Hamilton Houston Israel Jacksonville Kansas City Las Vegas Lehigh Valley Los Angeles Council Madras Maine Memphis Mexico Monterrey Miami Mid-Hudson Middle Tennessee Milwaukee/Madison/ NE Wisconsin Montreal Nashville Nebraska New Hampshire New Orleans NY/Long Island North Jersey Northern Canada Oakland-East Bay Oklahoma City Orange County Orlando Ottawa Palm Beach Panama Peru Philadelphia Phoenix Pittsburgh Portland Princeton	Puerto Rico & Caribbean Richland Rio de Janeiro Rochester Sacramento Saint Louis San Diego San Francisco Santa Clara Valley Sao Paulo Saskatchewan Schenectady Seattle Sharon Shreveport Singapore Siouxland Southern Alberta Southeastern Michigan Spokane Syracuse Tri Cities Tokyo Toledo Toronto Tucson Tulsa Twin Cities Utah Vancouver Vermont Virginia Mountain Washington/No Virginia Wichita Winnipeg Worcester County
QEA-36	Quantum Electronics & Applications	9	Central New Eng- land Council Dallas Long Island	Los Alamos Metropolitan Los Angeles New Jersey Coast	Oakland East Bay/San Francisco/Santa Clara Valley Portland Washington/No Virginia

SECTION C

Table 5 - IEEE Chapters - as of 12/31/85

R-07	Reliability	22	Baltimore Binghamton Canaveral/Daytona Central New Eng- land Council Cleveland Chicago Connecticut	Denver Florida West Coast Los Angeles Council Mohawk Valley Montreal New Jersey Coast NY/Long Island North Jersey	Ottawa Philadelphia Santa Clara Valley Tri-Cities Tokyo Twin Cities Washington
SU-20	Sonics & Ultrasonics	8	Central New Eng- land Council Long Island Los Angeles Council	Orlando Pittsburgh Portland	Santa Clara Valley Washington/Baltimore/ No Virginia
SIT-30	Social Implications of Technology	8	Central New Eng- land Council Cleveland Los Angeles Council	Portland Santa Clara Valley Switzerland Twin Cities	Washington/Baltimore/ No Virginia
SMC-28	Systems, Man & Cybernetics	17	Central New Eng- land Council Cleveland Connecticut Dallas Long Island/NY	Los Angeles Council Mexico Milwaukee New Jersey Coast North Jersey Philadelphia	Schenectady Santa Clara Valley Southeastern Michigan Tokyo Twin Cities Washington/No Virginia
VT-06	Vehicular Technology	25	Canton Central New Eng- land Council Chicago Cincinnati/Dayton Cleveland Columbus Dallas Denver	Florida West Coast Los Angeles Council Miami Montreal NY/Long Island/ North Jersey New Jersey Coast Orlando Philadelphia	Pittsburgh Sacramento Santa Clara Valley Southeastern Michigan Sweden Tokyo Toronto Vancouver Washington
33	Societies	700*			

* Joint Chapters of two or more Societies or two or more Sections are counted as one Chapter.

For Joint Chapters of more than one Section, the "managing" Section is listed first.

SECTION D

TABLE 1 - SOCIETY AFFILIATES, DECEMBER 31, 1985; 5-YEAR COMPARISON

CODE NO.	SOCIETY	12/31/85	12/31/84	12/31/83	12/31/82	12/31/81
1	ACOUSTICS, SPEECH & SIGNAL PROCESSING	9	11	12	14	11
2	* BROADCAST TECHNOLOGY	2	2	1	6	6
3	ANTENNAS & PROPAGATION	1	2	1	1	1
4	CIRCUITS & SYSTEMS	8	8	13	19	4
5	NUCLEAR & PLASMA SCIENCES	184	199	206	219	201
6	VEHICULAR TECHNOLOGY	3	4	1	2	2
7	RELIABILITY	10	16	16	19	16
8	* CONSUMER ELECTRONICS	4	4	4		
9	INSTRUMENTATION & MEASUREMENT	3	2	2	1	0
10	AEROSPACE & ELECTRONIC SYSTEMS	6	4	5	4	5
12	INFORMATION THEORY	6	5	10	8	7
13	INDUSTRIAL ELECTRONICS	0	0	0	0	1
14	ENGINEERING MANAGEMENT	44	39	38	33	31
15	ELECTRON DEVICES	4	3	5	7	4
16	COMPUTER	15,629	14,719	12,970	11,757	9,163
17	MICROWAVE THEORY & TECHNIQUES	3	3	4	3	3
18	ENGINEERING IN MEDICINE & BIOLOGY	68	63	63	64	69
19	COMMUNICATIONS	106	73	79	86	18
20	ULTRASONICS, FERROELECTRICS AND FREQUENCY CONTROL	6	6	7	8	6
21	COMPONENTS, HYBRIDS & MANUFACTURING TECHNOLOGY	16	12	7	5	6
22	** OCEANIC ENGINEERING	17	25	77		
23	CONTROL SYSTEMS	17	17	18	14	13
25	EDUCATION	5	5	2	2	1
26	PROFESSIONAL COMMUNICATION	50	44	29	26	20
27	ELECTROMAGNETIC COMPATIBILITY	3	4	5	3	5
28	SYSTEMS, MAN & CYBERNETICS	32	32	32	24	19
29	GEOSCIENCE & REMOTE SENSING	38	33	40	30	9
30	SOCIAL IMPLICATIONS OF TECHNOLOGY	5	4	3	4	0
31	POWER ENGINEERING	3	1	2	1	0
32	DIELECTRICS AND ELECTRICAL INSULATION	10	7	5	4	4
33	MAGNETICS	103	85	74	59	52
34	INDUSTRY APPLICATIONS	1	1	1	2	3
36	LASERS AND ELECTRO-OPTICS	87	77	38	38	37
	TOTALS	16,483	15,510	13,770	12,463	9,717

* The former Broadcast, Cable and Consumer Electronics (BCCE) Society was divided in 1983 into two Societies: The Broadcast Technology Society and the Consumer Electronics Society. Counts shown for years 1981-1982 are those for the BCCE Society.

** The former Council on Oceanic Engineering became the Oceanic Engineering Society in 1983.

TIP FIRST PRIORITY BY MAJOR CATEGORIES BY REGION (1 - 10)

CODE	DESCRIPTION	01	02	03	04	05	06	07	08	09	10
01	ACOUSTICS, SPEECH & SIGNAL PROCESSING	1,366	814	443	372	507	1,283	268	518	37	367
02	BROADCASTING & CONSUMER ELECTRONICS	1,206	660	648	606	460	983	365	351	98	474
03	ANTENNAS AND PROPAGATION	706	617	381	169	378	906	143	356	28	274
04	CIRCUITS AND SYSTEMS	1,433	770	576	602	704	1,693	217	436	48	318
05	NUCLEAR AND PLASMA SCIENCES	340	308	237	158	132	583	65	120	9	79
06	VEHICULAR TECHNOLOGY	230	195	175	380	109	255	96	84	15	95
07	RELIABILITY	536	320	174	160	165	481	55	101	12	81
09	INSTRUMENTATION AND MEASUREMENT	426	282	223	174	154	420	95	122	21	98
10	AEROSPACE AND ELECTRONIC SYSTEMS	1,945	1,877	804	336	875	2,943	177	275	25	153
12	INFORMATION THEORY	274	179	80	81	89	307	48	146	18	105
13	INDUSTRIAL ELECTRONICS	1,123	965	813	886	635	974	451	447	105	510
14	ENGINEERING MANAGEMENT	2,979	2,571	1,748	1,302	1,342	3,159	515	676	227	472
15	ELECTRON DEVICES	1,128	510	255	295	436	1,580	98	320	24	437
16	COMPUTER SOCIETY	7,142	4,016	2,702	2,785	3,035	7,855	1,600	1,985	309	1,899
17	MICROWAVE THEORY AND TECHNIQUES	626	327	173	121	196	873	80	212	14	152
18	ENGINEERING IN MEDICINE AND BIOLOGY	762	452	298	446	277	668	163	228	32	166
19	COMMUNICATIONS	2,523	1,943	1,279	887	945	2,178	768	861	133	770
20	ULTRASONICS, FERROELECTRICS AND FREQUENCY CONTROL	143	76	49	55	46	123	19	54	4	50
21	COMPONENTS, HYBRIDS & MANUFACT. TECHNOL.	661	322	241	266	196	547	60	93	13	110
22	OCEANIC ENGINEERING	33	27	30	7	8	38	11	10	2	7
23	CONTROL SYSTEMS	502	432	355	314	255	679	149	317	39	212
25	EDUCATION	284	173	179	138	131	180	86	81	18	43
26	PROFESSIONAL COMMUNICATION	254	151	110	102	92	208	41	48	10	23
27	ELECTROMAGNETIC COMPATIBILITY	181	197	75	77	89	247	14	38	2	19
28	SYSTEMS, MAN AND CYBERNETICS	272	237	116	94	97	295	65	97	11	98
29	GEOSCIENCE AND REMOTE SENSING	79	97	54	38	220	130	46	46	2	31
30	SOCIAL IMPLICATIONS OF TECHNOLOGY	105	95	46	28	35	83	25	20	1	16
31	POWER ENGINEERING	2,777	2,525	3,001	2,332	2,282	3,215	1,144	1,002	491	959
32	DIELECTRICS AND ELECTRICAL INSULATION	132	77	54	64	23	63	47	74	12	61
33	MAGNETICS	224	131	50	145	61	443	19	75	4	113
34	INDUSTRY APPLICATIONS	1,122	1,215	1,081	954	952	1,159	497	181	116	228
35	POWER ELECTRONICS	52	32	23	41	29	39	19	19	1	26
36	QUANTUM ELECTRONICS & APPLICATIONS	467	253	145	92	150	506	77	138	8	171
37	SOLID STATE CIRCUITS	730	343	227	266	486	1,315	103	246	13	167
39	INTERDISCIPLINARY AND NEW ACTIVITIES	569	413	199	161	173	573	91	105	23	48
	TOTAL	33,332	23,602	17,044	14,934	15,764	36,984	7,717	9,882	1,925	8,832

SECTION E

TABLE 2 - 1984 SECTION/CHAPTER MEETINGS SUMMARY

(91% of Sections Reporting)

REGION	# MEETINGS HELD	NUMBER BY CLASSIFICATION				ATTENDANCE				PERCENT		
		TECH.	PROF.	SOCIAL	NOT REPORTED	MEMBERS	GUESTS	TOTAL	AVERAGE	TECH.	PROF.	SOCIAL
1	467	336	62	12	57	11,226	5,077	16,303	34.9	82.0	15.1	2.9
2	493	387	61	22	23	11,497	5,436	16,933	34.3	82.3	13.0	4.7
3	579	399	75	20	85	14,371	7,694	22,065	38.1	80.8	15.2	4.0
4	366	293	56	17	0	10,134	5,176	15,310	41.8	80.0	15.3	4.7
5	363	303	40	11	9	8,782	4,148	12,930	35.6	85.6	11.3	3.1
6	704	592	75	37	0	18,865	8,438	27,303	38.8	84.1	10.7	5.3
7	210	188	14	8	0	4,181	1,884	6,065	28.9	89.5	6.7	3.8
8	175	154	21	0	0	6,018	5,817	11,835	67.6	88.0	12.0	.0
9	243	225	11	7	0	5,734	9,962	15,696	64.6	92.6	4.5	2.9
<u>10</u>	<u>501</u>	<u>441</u>	<u>48</u>	<u>10</u>	<u>2</u>	<u>14,484</u>	<u>14,653</u>	<u>29,137</u>	<u>58.2</u>	<u>88.4</u>	<u>9.6</u>	<u>2.0</u>
TOTAL	4,101	3,318	463	144	176	105,292	68,285	173,577	42.3	84.5	11.8	3.7

Note: All Regions based on Meetings reported with classification.

SECTION E

TABLE 3 - 1984 CHAPTER MEETINGS BY SOCIETY, BY REGION

REGION:	1	2	3	4	5	6	7	8	9	10	TOTAL
<u>SOCIETY:</u>											
ASSP-01	9	8	7	5	6	6	0	1	0	14	56
BT-02	4	2	0	0	0	0	2	0	0	2	10
AP-03	16	25	13	6	12	22	2	5	0	9	110
CAS-04	2	0	0	5	3	2	0	5	0	11	28
NPS-05	1	4	0	0	0	2	0	0	0	5	12
VT-06	5	6	0	0	7	10	3	0	0	8	39
R-07	7	13	6	0	7	10	2	0	0	5	50
CE-08	2	0	0	0	0	0	0	0	0	2	4
IM-09	6	2	0	0	0	2	2	0	0	5	17
AES-10	20	18	3	0	2	15	4	0	0	2	64
IT-12	2	2	0	1	0	11	6	0	0	3	25
IE-13	0	0	0	3	2	2	2	0	6	2	17
EM-14	17	21	5	6	0	15	0	0	13	2	79
ED-15	7	9	2	8	2	6	0	0	0	7	41
COMP-16	43	38	20	33	29	54	25	18	14	12	286
MTT-17	15	15	11	10	12	24	1	4	0	9	101
EMB-18	20	8	2	11	8	24	3	0	0	11	87
COMM-19	19	5	16	9	22	35	10	1	9	2	128
SU-20	7	3	0	0	0	15	0	0	0	16	41
CHMT-21	4	0	0	0	0	13	0	0	0	5	22
OE-22	3	0	0	0	0	1	0	0	0	0	4
CS-23	12	0	6	0	5	11	1	4	8	8	55
ED-25	2	0	0	0	0	0	0	0	14	8	24
PC-26	1	0	0	1	0	0	0	0	0	0	2
EMC-27	11	13	2	4	8	23	1	0	0	8	70
SMC-28	4	12	0	0	0	3	0	0	8	7	34
GRS-29	0	9	0	0	3	3	0	0	0	5	20
SIT-30	4	3	0	0	0	6	0	0	0	10	23
PE-31	44	57	53	44	40	74	35	0	34	17	398
EI-32	0	0	0	0	0	3	8	0	0	3	14
MAG-33	2	11	0	12	0	28	0	0	0	24	77
IA-34	20	24	15	18	20	46	9	0	13	12	177
LEO-36	13	6	0	0	7	2	0	0	0	0	28
TOTAL	322	314	161	176	195	468	116	38	119	234	2143

Not All Reporting Complete.

SECTION E

TABLE 4 - SOCIETY AND OTHER SPONSORED AND COSPONSORED CONFERENCES SUMMARY, BY SOCIETY, BY REGION, 12/31/85

DIV.	Society	REGIONS										Total
		1	2	3	4	5	6	7	8	9	10	
I	Circuits and Systems	1					1				1	3
	Components, Hybrids, and Mfg. Technology	1	1	1	1							4
	Electron Devices	1	4	4		1	7		1		1	19
	Quantum Electronics and Applications			3			3					6
	Solid-State Circuits	1					1					2
II	Dielectrics and Electrical Insulation	3							1		1	5
	Industry Applications	1	2	2	2	4		1				12
	Instrumentation and Measurement	1		1								2
	Power Electronics								1			1
III	Broadcast Technology		1									1
	Communications	2	1	2	1		1	3	1			11
	Consumer Electronics				1							1
IV	Vehicular Technology			1		1						2
	Antennas and Propagation							1				1
	Electromagnetic Compatibility	1		1								2
V, VIII	Magnetics				1		2					3
	Microwave Theory and Techniques	1		2	2		1		1			7
	Nuclear and Plasma Sciences		1		1	1	3	1				7
	Computer	4	10	7	7	3	20	3	5	1		60
VI	Education					1						1
	Engineering Management		1									1
	Professional Communication		1									1
	Reliability		1	1								2
	Social Implications of Technology			1								1
VII	Power Engineering	1			1		2	1				5
IX	Acoustics, Speech, and Signal Processing	1	1	1	1		1					5
	Aerospace and Electronic Systems	1	3	2			2					8
	Geoscience and Remote Sensing	1			1							2
	Oceanic Engineering					1	1					2
	Ultrasonics, Ferroelectrics and Freq. Control		1				1					2
X	Control Systems	2		1			1					4
	Engineering in Medicine and Biology	1			2							3
	Industrial Electronics						1					1
	Information Theory								1			1
	Robotics and Automation					1						1
	Systems, Man, and Cybernetics		1	1			2					4
OTHER - Not (Co)Sponsored by a Society	6	7	7	4	3	5	3	5				40
Number of Conferences in Region*		22	30	23	22	14	47	10	12	1	3	

* Region numbers are not column totals since cosponsored conferences are listed under each Sponsor.

This table does not include those conferences in which Societies or Regions were only Participating or Cooperating.

SECTION F

TABLE 1 - ORGANIZATIONAL UNITS OF THE IEEE, BY REGION - As of December 31, 1985

<u>Region Number:</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>Total</u>
<u>1985</u>											
Section	22	25	46	24	22	36	20	24	15	26	260
Subsections	6	4	7	6	6	5	--	1	7	2	44
Chapters	139	107	74	64	62	112	56	35	31	53	733*
Councils	2	1	5	--	--	2	3	--	3	2	18
Student Branches	89	52	68	53	56	55	44	43	37	41	538
Student Branch Chapters	20	9	21	19	13	16	9	2	5	14	128
<hr/>											
<u>1984</u>											
Section	22	25	45	23	22	36	18	24	16	22	253
Subsections	6	4	7	7	5	5	--	1	7	2	44
Chapters	136	104	72	62	60	104	55	31	26	50	700*
Councils	2	--	5	--	--	2	3	--	3	2	17
Student Branches	86	51	65	50	53	53	43	42	35	37	515
Student Branch Chapters	15	7	21	18	12	15	8	2	4	12	114
<hr/>											
<u>1983</u>											
Section	22	25	44	23	22	36	18	24	16	19	249
Subsections	6	4	8	7	5	4	--	1	7	3	45
Chapters	133	104	67	61	59	102	50	25	22	45	668*
Councils	2	--	5	--	--	2	3	--	3	2	17
Student Branches	85	50	63	50	50	51	41	42	35	33	500
Student Branch Chapters	14	7	21	17	11	13	8	2	2	11	106
<hr/>											
<u>1982</u>											
Section	22	25	44	23	22	35	18	24	17	18	248
Subsections	6	3	8	7	5	6	--	--	6	5	46
Chapters	129	102	65	58	59	98	48	19	19	37	634*
Councils	2	--	5	--	--	2	3	--	3	2	17
Student Branches	81	50	63	48	47	52	38	41	36	25	481
Student Branch Chapters	12	5	16	16	9	11	6	0	2	4	81

* Joint Chapters of two or more Sections or two or more Societies are counted as one Chapter.

SECTION F

IEEE COUNCIL, SECTION AND SUBSECTION ACTIONS 1985

REGION 2

The National Capital Area Council comprising the Washington and Northern Virginia Sections and the Western Maryland Subsection was approved November 22, 1985.

REGION 3

The Gainesville Section was admitted to the Florida Council February 19, 1985.

The realignment of the Jamaica Section from Region 9 to Region 3 was approved August 24, 1985.

REGION 4

The Missouri Slope Subsection of the Twin Cities Section was elevated to Section status February 22, 1985.

REGION 5

The Centennial Subsection of the Denver Section was approved August 23, 1985.

REGION 7

The North Saskatchewan Section was formed out of the Saskatchewan Section August 23, 1985.

The Saskatchewan Section name was changed to South Saskatchewan August 23, 1985.

The Peterborough Section was formed out of the Bay of Quinte Section November 22, 1985.

The Bay of Quinte Section name was changed to the Kingston Section November 22, 1985.

REGION 9

The realignment of the Jamaica Section from Region 9 to Region 3 was approved August 24, 1985.

REGION 10

The Queensland Section of Australia was approved February 22, 1985

The Kharagpur Subsection of the Calcutta Section was elevated to Section status May 31, 1985.

The Baroda Subsection of the Bombay Section was approved May 31, 1985.

The Malaysia Section was reestablished July 28, 1985.

The South Australian Section was approved August 23, 1985.

SECTION F

TABLE 3 - IEEE CHAPTER CHANGES IN 1985

<u>Region/Sections</u>	<u>New Chapters</u>	<u>Change in Status of Existing Chapter</u>
<u>REGION 1</u>		
New Jersey Coast		*AES-10/EM-14
North Jersey	ASSP-01	
Rochester	Mag-33	
<u>REGION 2</u>		
Cleveland	EM-14	
Central Pennsylvania	ASSP-01	
Philadelphia	PC-26	
<u>REGION 3</u>		
South Brevard-Indian River		***AP-03/***MTT-17
Orlando	SU-20	
East Tennessee/Oak Ridge	COMP-16	
<u>REGION 4</u>		
Twin Cities	EMC-27	
Southeastern Michigan	GRS-29	
<u>REGION 5</u>		
Dallas	ED-15	
Dallas/Ft. Worth	CAS-04	
Dallas		**COMP-16 **CS-23
<u>REGION 6</u>		
San Fernando Valley	MTT-17	
Tucson		AP-03/MTT-17/COM-19/*EMC-27
San Diego	OE-22	
Seattle	OE-22	
Portland		**CAS-04/**IM-09/**ED-15/**MTT-17/ **COM-19/**SU-20/**CHMT-21/**CS-23/ LEO-36
Santa Clara Valley	ASSP-01	
<u>REGION 7</u>		
Canadian Atlantic	OE-22	
Vancouver		**COMP-16 **AP-03/**VT-06/**COM-19
<u>REGION 8</u>		
Spain	AP-03/MTT-17	
Sweden	VT-06/COM-19	
<u>REGION 9</u>		
Argentina	COMP-16	
Chile	IE-13/CS-23	
Puerto Rico & Caribbean	COMP-16	
Puerto Rico & Caribbean	COM-19	
<u>REGION 10</u>		
Madras	COMP-16	
Victorian	COMP-16	
Kerala	COMP-16	

* = Existing Chapter

** = Existing Joint Chapter

*** = Section affiliation changed from Canaveral Section

SECTION F

TABLE 4 - STUDENT BRANCH CHANGES 1985

Formations

Dissolutions (*)

Region 1

Dartmouth College/Thayer School of Eng.
Harvard University
State University of New York at New Paltz

Region 2

Kent State University-Tuscarawas

Region 3

Norfolk State University
State Technical Institute at Knoxville
Augusta Area Technical School

Region 4

St. Cloud State University
University of Wisconsin-Parkside
Mankato State University

Region 5

Oklahoma College of Business & Technology
Colorado School of Mines
Colorado Technical College

Region 6

DeVry Institute of Technology-Los Angeles
University of Nevada at Las Vegas

Region 7

DeVry Institute of Technology-Toronto

Region 8

Technical University of Munich

Region 9

Universidad del Cauca
Escuela Colombiana de Ingenieria

Region 10

Birla Institute of Technology, Pilani
Nanyang Technological Institute
Regional Engineering College-Kurukshetra
Visvesvaraya Regional Engineering College

(*) There were no Student Branch dissolutions in 1985.

TABLE 1 - 1985 IEEE NONSERIAL PUBLICATIONS OUTPUT

	Number of Items	Total Pages		Number of Items	Total Pages
Conference Records	132	70000	Preprints	452	3130
IEEE PRESS Books	14	6068	Standards	64	4680

TABLE 2 - IEEE PERIODICAL PUBLICATIONS OUTPUT - 1985 (Dist. Data as of 9/31/85)

Member Dist.	Non-M Dist.	Total Dist.	Periodicals	Freq.	Total Pages	Edit. Pages	Adv. Pages
257625	3561	261186	SPECTRUM	12	2282	966	1316
34310	3816	38126	PROCEEDINGS	12	1936	1899	37
45107	80	45187	POTENTIALS	4	208	176	32
<u>TRANSACTIONS & JOURNALS</u>							
11053	2032	13085	ACOUSTICS, SPEECH & SIGNAL PROCESSING	6	1680		
6620	1710	8330	AEROSPACE & ELECTRONIC SYSTEMS	6	1136		
6162	1911	8073	ANTENNAS & PROPAGATION	12	1860		
8696	2207	10903	AUTOMATIC CONTROL	12	1328		
4780	1733	6513	BIOMEDICAL ENGINEERING	12	1140		
2545	1214	3759	*BROADCASTING	4	220		
8454	2017	10471	CIRCUITS & SYSTEMS	12	1376		
14845	2613	17458	COMMUNICATIONS	12	1496		
3129	1464	4593	*COMPONENTS, HYBRIDS, & MANUFACTURING TECHNOLOGY	4	584		
5235	1328	6563	COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS & SYSTEMS	4	724		
13844	3039	16883	COMPUTERS	12	1248		
5133	1422	6555	CONSUMER ELECTRONICS	4	790		
2169	1253	3422	EDUCATION	4	260		
1597	1301	2898	ELECTRICAL INSULATION	6	1758		
2529	1385	3914	ELECTROMAGNETIC COMPATIBILITY	4	252		
9206	1225	10431	ELECTRON DEVICE LETTERS	12	824		
7495	2169	9664	ELECTRON DEVICES	12	2932		
7623	1495	9118	ENGINEERING MANAGEMENT	4	212		
7739	1088	8827	ENGINEERING MANAGEMENT REVIEW	4	280		
1827	1254	3081	GEOSCIENCE & REMOTE SENSING	6	978		
4540	1621	6161	INDUSTRIAL ELECTRONICS	4	479		
10670	1758	12428	INDUSTRY APPLICATIONS	6	1756		
4402	1882	6284	INFORMATION THEORY	6	924		
4898	2006	6904	INSTRUMENTATION & MEASUREMENT	6	776		
2928	1212	4140	LIGHTWAVE TECHNOLOGY	6	1500		
3184	1739	4923	MAGNETICS	6	2772		
2048	1101	3149	MEDICAL IMAGING	4	240		
7739	2022	9761	MICROWAVE THEORY & TECHNIQUES	12	1700		
2043	1656	3699	*NUCLEAR SCIENCE	6	4560		
2000	1122	3122	OCEANIC ENGINEERING	4	504		
7691	1600	9291	PATTERN ANALYSIS & MACHINE INTELLIGENCE	6	780		
1067	1151	2218	PLASMA SCIENCE	4	628		
4902	2190	7092	POWER APPARATUS & SYSTEMS	12	3892		
2382	1276	3658	PROFESSIONAL COMMUNICATIONS	4	224		
3619	1809	5428	QUANTUM ELECTRONICS	12	2048		
3520	1844	5364	RELIABILITY	5	596		
8358	1053	9411	ROBOTICS & AUTOMATION	4	236		
6995	1282	8277	SELECTED AREAS IN COMMUNICATIONS	6	884		
14736	2712	17448	SOFTWARE ENGINEERING	12	1572		
12301	1972	14273	*SOLID-STATE CIRCUITS	6	1320		
1957	1369	3326	SONICS & ULTRASONICS	6	912		
3804	1839	5643	SYSTEMS, MAN & CYBERNETICS	6	852		
2203	1234	3437	*VEHICULAR TECHNOLOGY	4	204		
248668	71310	319978	Total TRANSACTIONS & JOURNALS	299	50437		
<u>MAGAZINES</u>							
11253	1007	12260	ASSP MAGAZINE	4	220	206	14
11948	1157	13105	CIRCUITS & DEVICES MAGAZINE	6	348	274	74
20616	1449	22065	COMMUNICATIONS MAGAZINE	12	868	735	133
83270	3287	86557	COMPUTER	12	1798	1343	455
12654	2275	14929	COMPUTER GRAPHICS & APPLICATIONS	12	1176	1101	75
8793	1106	9899	CONTROL SYSTEMS MAGAZINE	4	204	157	47
8073	1180	9253	DESIGN & TEST OF COMPUTERS	6	682	621	61
7631	10048	17679	ELECTRICAL INSULATION MAGAZINE	1	68	51	17
6192	1067	7259	ENGINEERING IN MEDICINE & BIOLOGY	4	240	233	7
21595	1789	23384	MICRO	6	638	626	12
19922	1069	20991	POWER ENGINEERING REVIEW	12	800	759	41
21554	1438	22992	SOFTWARE MAGAZINE	6	676	617	59
2655	1033	3688	TECHNOLOGY & SOCIETY MAGAZINE	4	144	137	7
236156	27905	264061	Total MAGAZINES	89	7862	6860	1002

*Estimated. Not all issues published at time of this report.
Translation journal on magnetics not included.

TABLE H

EDUCATIONAL ACTIVITIES

TABLE 1 - 1985 ACCREDITATION ACTIVITIES

Accreditation visits in support of the Accreditation Board for Engineering and Technology (ABET):

	<u>Engineering</u>	<u>Technology</u>
School Programs Inspected	74	68

TABLE 2 - 1985 CONTINUING EDUCATION COURSES

<u>Type</u>	<u>No Courses</u>	<u>Total Sites</u>	<u>Total Participants</u>	<u>Total Contact Hours</u>
Videoconferences Via Satellite	4	709	22,550	112,750
*Videotapes	12	48	960	4,800
Pre-Packaged Short Courses	6	6	112	1,344
Home Study Courses	10	-	4,345	122,980
Individual Learning Programs	<u>3</u>	-	<u>1,060</u>	<u>63,600</u>
TOTALS	<u>35</u> ==		<u>29,027</u> =====	<u>305,474</u> =====

*Satellite Taped Courses are taped versions of the Satellite Video Courses.