

ANNUAL REPORT OF THE SECRETARY

1986



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 1986 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,

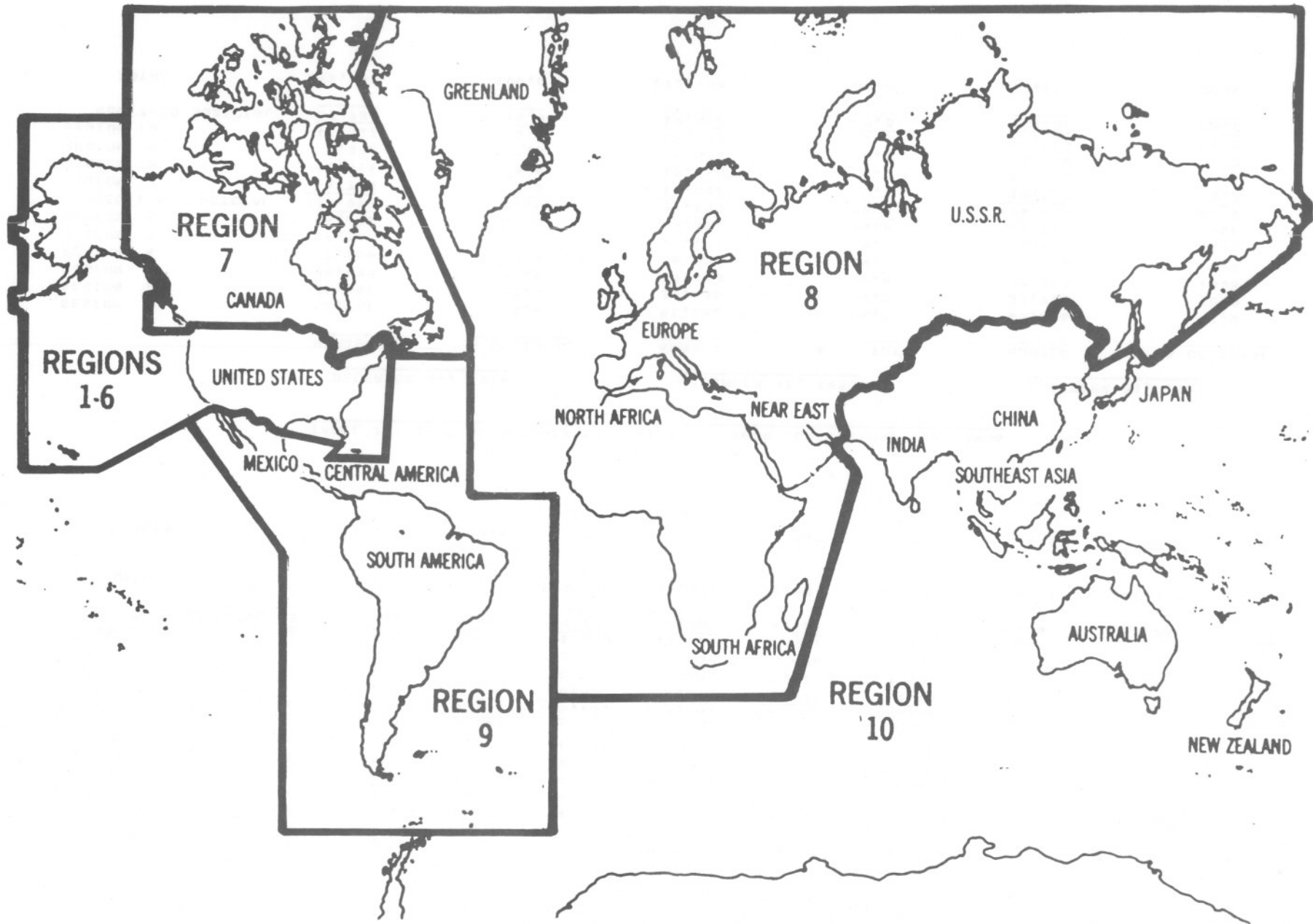
Michiyuki Uenohara
Secretary, 1986

February 1987

TABLE OF CONTENTS

MAPS - REGIONAL ALIGNMENT		Page
	Regions 1 - 6	1
	Regions 1 - 10	2
SECTION A - IEEE MEMBERSHIP STATISTICS		
Table 1	Membership by Region and Grade	3
Table 2	Membership by Region; 3 Year Comparison	3
Table 3	Life Members by Grade; 3 Year Comparison	4
Table 4	Women Members by Grade; 3 Year Comparison	4
Table 5	Membership by Grade, 1963-1986	4
Table 6	Membership Changes by Grade; 3 Year Comparison	5
Table 7	Region 1 Membership by Section, by Grade	6
	Region 2 Membership by Section, by Grade	7
	Region 3 Membership by Section, by Grade	8
	Region 4 Membership by Section, by Grade	9
	Region 5 Membership by Section, by Grade	10
	Region 6 Membership by Section, by Grade	11
	Region 7 Membership by Section, by Grade	12
	Region 8 Membership by Section, by Grade	13
	Region 8 Membership Not Assigned to Sections	14
	Region 9 Membership by Section, by Grade	15
	Region 9 Membership Not Assigned to Sections	16
	Region 10 Membership by Section, by Grade	17
	Region 10 Membership Not Assigned to Sections	18
SECTION B - STUDENT BRANCH MEMBERSHIP STATISTICS		
Table 1	Student Branches and Student Branch Membership	19
SECTION C - SOCIETY MEMBERSHIP AND CHAPTER STATISTICS		
Table 1	Societies by Division	33
Table 2	Society Membership, by Division, by Society, by Grade; 3 Year Comparison	34
Table 3	Society Membership, by Society, by Region, by Section	35
Table 4	Number of Society Memberships Held by IEEE Members, by Region, by Section	41
Table 5	Chapters, by Society, by Section	47
SECTION D - SOCIETY AFFILIATES STATISTICS		
Table 1	Society Affiliates by Society; 5 Year Comparison	55
SECTION E - MEMBER TECHNICAL INTEREST AND IEEE MEETING/CONFERENCE ACTIVITY		
Table 1	Member Technical Interest Profile	56
Table 2	Section and Chapter Meetings Summary - 1985	57
Table 3	Chapter Meetings by Society, by Region - 1985	58
Table 4	IEEE Sponsored and Cosponsored Conferences Summary by Society, by Region - 1986	59
SECTION F - ORGANIZATION STATISTICS		
Table 1	Organizational Units of the IEEE, by Region	60
Table 2	Council, Section and Subsection Actions	61
Table 3	Chapter Changes	62
Table 4	Student Branch Changes	63
SECTION G - PUBLICATIONS STATISTICS		
Table 1	IEEE Nonserial Publications Output	64
Table 2	IEEE Periodical Publications Output	64
SECTION H - EDUCATIONAL ACTIVITIES STATISTICS		
Table 1	Accreditation Activities	65
Table 2	Continuing Education Courses	65





SECTION A

TABLE 1 - IEEE MEMBERSHIP BY REGION AND GRADE
DECEMBER 31, 1986

		H	F	SM	M	VOTING MEMBERS	A	HIGHER GRADE SUBTOTAL	S	TOTAL MEMBERSHIP	% OF TOTAL
REGION 1		2	974	4,738	34,708	40,422	4,361	44,783	7,288	52,071	18.4
REGION 2		1	577	3,718	24,941	29,237	2,166	31,403	5,148	36,551	12.9
REGION 3			361	2,968	19,565	22,894	1,799	24,693	5,732	30,425	10.8
REGION 4		1	253	1,999	17,467	19,720	1,673	21,393	6,262	27,655	9.8
REGION 5		1	213	1,967	18,904	21,085	1,221	22,306	4,877	27,183	9.6
REGION 6		5	765	4,751	40,173	45,694	3,142	48,836	6,201	55,037	19.5
REG 1-6	SUBTOTAL	10	3,143	20,141	155,758	179,052	14,362	193,414	35,508	228,922	81.0
REGION 7			100	908	8,533	9,541	1,471	11,012	3,701	14,713	5.2
REGION 8		1	250	1,360	10,771	12,382	1,279	13,661	2,693	16,354	5.8
REGION 9			11	284	2,757	3,052	400	3,452	1,940	5,392	1.9
REGION 10		2	174	1,011	11,120	12,307	971	13,278	4,049	17,327	6.1
REG 7-10	SUBTOTAL	3	535	3,563	33,181	37,282	4,121	41,403	12,383	53,786	19.0
TOTAL		13	3,678	23,704	188,939	216,334	18,483	234,817	47,891	282,708	100.0
PERCENTAGE			1.3	8.4	66.9	76.6	6.5	83.1	16.9	100.0	

TABLE 2 - IEEE MEMBERSHIP BY REGION - 3 YEAR COMPARISON, 1984-1986

	DECEMBER 31, 1986		DECEMBER 31, 1985		DECEMBER 31, 1984		
	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	NUMBER	% OF TOTAL	
REGION 1	52,071	18.4	51,252	18.7	49,386	18.8	
REGION 2	36,551	12.9	35,635	13.0	33,928	12.9	
REGION 3	30,425	10.8	29,633	10.8	28,323	10.8	
REGION 4	27,655	9.8	26,700	9.8	25,036	9.5	
REGION 5	27,183	9.6	27,121	9.9	26,163	10.0	
REGION 6	55,037	19.5	53,809	19.8	52,127	19.8	
REG 1-6	SUBTOTAL	228,922	81.0	224,150	82.0	214,963	81.8
REGION 7	14,713	5.2	14,082	5.1	13,562	5.2	
REGION 8	16,354	5.8	15,068	5.5	14,502	5.5	
REGION 9	5,392	1.9	4,504	1.6	4,484	1.7	
REGION 10	17,327	6.1	15,896	5.8	15,140	5.8	
REG 7-10	SUBTOTAL	53,786	19.0	49,550	18.0	47,688	18.2
TOTAL	282,708	100.0	273,700	100.0	262,651	100.0	

SECTION A

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

	<u>DEC. 31, 1986</u>	<u>DEC. 31, 1985</u>	<u>DEC. 31, 1984</u>
FELLOW	1,697	1,662	1,620
SENIOR MEMBER	6,633	6,207	5,684
MEMBER	4,982	4,455	3,769
ASSOCIATE	<u>463</u>	<u>404</u>	<u>337</u>
TOTAL	13,775	12,728	11,410

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

	<u>DEC. 31, 1986</u>	<u>DEC. 31, 1985</u>	<u>DEC. 31, 1984</u>
FELLOW	13	13	11
SENIOR MEMBER	128	120	109
MEMBER	8,610	7,733	6,505
ASSOCIATE	1,141	1,003	722
STUDENT	<u>5,821</u>	<u>6,006</u>	<u>5,746</u>
TOTAL	15,713	14,875	13,093

TABLE 5 - IEEE MEMBERSHIP BY GRADE, 1963 - 1986

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
1986	13	3,678	23,704	188,939	216,334	18,483	234,817	47,891	282,708

SECTION A

TABLE 6 - IEEE MEMBERSHIP CHANGES, BY GRADE, DURING CALENDAR YEAR 1986, 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 12/31/85	12	3,593	23,520	181,438	17,187	225,750	47,950	273,700
<u>ADDITIONS</u>								
ELECTIONS	1	0	154	10,874	1,252	12,281	28,578	40,859
DUES ARREARS PAID		120	1,190	16,564	1,748	19,622	4,132	23,754
REINSTATEMENTS		2	79	1,388	131	1,600	380	1,980
TRANSFERS TO		<u>268</u>	<u>1,418</u>	<u>26,862</u>	<u>4,401</u>	<u>32,949</u>	<u>5,588</u>	<u>38,537</u>
TOTAL ADDITIONS	<u>1</u>	<u>390</u>	<u>2,841</u>	<u>55,688</u>	<u>7,532</u>	<u>66,452</u>	<u>38,678</u>	<u>105,130</u>
<u>DELETIONS</u>								
RESIGNATIONS		4	64	526	103	697	55	752
DECEASED		69	223	259	25	576	4	580
DUES ARREARS		134	1,553	38,286	5,451	45,424	10,829	56,253
TRANSFERS FROM		<u>98</u>	<u>817</u>	<u>9,116</u>	<u>657</u>	<u>10,688</u>	<u>27,849</u>	<u>38,537</u>
TOTAL DELETIONS	<u>0</u>	<u>305</u>	<u>2,657</u>	<u>48,187</u>	<u>6,236</u>	<u>57,385</u>	<u>38,737</u>	<u>96,122</u>
ACTIVE MEMBERSHIP 12/31/86	13	3,678	23,704	188,939	18,483	234,817	47,891	282,708
GAIN/LOSS	+1	+85	+184	+7,501	+1,296	+9,067	-59	+9,008
NET ARREARS	0	14	363	21,722	3,703	25,802	6,697	32,499
		<u>DECEMBER 31, 1986</u>		<u>DECEMBER 31, 1985</u>		<u>DECEMBER 31, 1984</u>		
<u>ADDITIONS</u>								
ELECTIONS		40,859		40,778		39,936		
REINSTATEMENTS		1,980		1,586		1,981		
DUE ARREARS PAID		<u>23,754</u>		<u>23,412</u>		<u>21,387</u>		
TOTAL ADDITIONS		66,593		65,776		63,304		
<u>DELETIONS</u>								
RESIGNATIONS		752		713		782		
DECEASED		580		590		603		
DUES ARREARS		<u>56,253</u>		<u>53,424</u>		<u>47,543</u>		
TOTAL DELETIONS		57,585		54,727		48,928		
NET GAIN/LOSS		+9,008		+11,049		+14,376		

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 1

<u>GEO CODE</u>					<u>SECTION/SUBSECTION</u>					<u>HIGHER GRADE</u>		<u>SUBSECTION</u>	<u>SECTION</u>
<u>R</u>	<u>C</u>	<u>S</u>	<u>SS</u>		<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u>	<u>TOTAL</u>
01	00	01		BERKSHIRE		15	69	174	9	267	20		287
01	00	03		BINGHAMTON		5	75	576	72	728	95		823
01	01	05		BOSTON (CNEC)	2	214	875	7573	754	9418	1178		10596
01	01	05	03	MERRIMACK VALLEY (CNEC)		(17)	(120)	(1459)	(137)	(1733)	(165)	(1898)	
01	01	05	01	NORTHSHORE (CNEC)		(7)	(39)	(287)	(33)	(366)	(28)	(394)	
01	00	07		BUFFALO		5	111	609	78	803	327		1130
01	00	09		CONNECTICUT		51	379	2926	408	3764	527		4291
01	00	09	05	DANBURY		(9)	(101)	(858)	(83)	(1051)	(60)	(1111)	
01	00	09	03	NEW LONDON		(4)	(34)	(321)	(32)	(391)	(50)	(441)	
01	00	13		ITHACA		20	26	136	11	193	251		444
01	03	15		LONG ISLAND (METSAC)		64	430	3013	399	3906	337		4243
01	00	17		MAINE		3	48	351	36	438	116		554
01	00	19		MID-HUDSON		19	131	1008	111	1269	121		1390
01	00	21		MOHAWK VALLEY		10	71	456	38	575	209		784
01	00	21	01	ST. LAWRENCE INT'L		(3)	(13)	(63)	(19)	(98)	(156)	(254)	
01	01	23		NEW HAMPSHIRE (CNEC)		19	127	1171	134	1451	133		1584
01	00	45		NEW JERSEY COAST		88	303	1999	195	2585	138		2723
01	03	25		NEW YORK (METSAC)		97	491	4137	907	5632	1451		7083
01	03	25	03	WESTCHESTER		(59)	(194)	(1298)	(219)	(1770)	(161)	(1931)	
01	03	27		NORTH JERSEY (METSAC)		133	592	3935	483	5143	535		5678
01	03	29		PRINCETON (METSAC)		72	250	1915	263	2500	437		2937
01	01	31		PROVIDENCE (CNEC)		19	106	1046	106	1277	254		1531
01	00	33		ROCHESTER		9	107	986	111	1213	210		1423
01	00	35		SCHENECTADY		88	278	719	69	1154	259		1413
01	00	37		SPRINGFIELD		8	30	273	25	336	271		607
01	00	39		SYRACUSE		23	136	681	46	886	136		1022
01	00	41		VERMONT		7	44	336	47	434	142		576
01	01	43		WORCESTER COUNTY (CNEC)		5	59	688	59	811	141		952
				<u>REGION 1 TOTALS</u>	2	974	4738	34708	4361	44783	7288		52071
				<u>COUNCIL TOTALS</u>									
01	01			CENTRAL NE COUNCIL (CNEC)	2	257	1167	10478	1053	12957	1706		14663
01	03			METRO SEC ADV COUNCIL (METSAC)		366	1763	13000	2052	17181	2760		19941

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 2

<u>GEO CODE</u>				<u>SECTION/SUBSECTION</u>					<u>HIGHER GRADE</u>		<u>SUBSECTION</u>	<u>SECTION</u>
<u>R</u>	<u>C</u>	<u>S</u>	<u>SS</u>	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u>	<u>TOTAL</u>
02	00	01			4	59	385	34	482	101		583
02	00	21			1	11	44	9	65	9		74
02	00	03			42	390	3053	208	3693	243		3936
02	00	03	01	ANNAPOLIS	(11)	(99)	(915)	(62)	(1087)	(60)	(1147)	
02	00	05		CANTON		19	154	14	187	58		245
02	00	07		CENTRAL PENNSYLVANIA	10	57	279	12	358	310		668
02	00	09		CINCINNATI	8	68	599	44	719	134		853
02	00	11		CLEVELAND	29	186	1228	95	1538	337		1875
02	00	13		COLUMBUS	23	154	889	178	1244	523		1767
02	00	13	05	ZANESVILLE		(5)	(16)	(2)	(23)	(2)	(25)	
02	00	15		DAYTON	14	135	1139	89	1377	197		1574
02	00	17		DELAWARE BAY	5	52	309	24	390	76		466
02	00	47		EASTERN SHORE	5	20	108	15	148	12		160
02	00	23		ERIE	4	47	127	10	188	46		234
02	00	25		JOHNSTOWN	1	26	106	11	144	58		202
02	00	27		LEHIGH VALLEY	31	146	1030	96	1303	279		1582
02	00	29		LIMA	3	18	81	9	111	107		218
02	00	31		NORTH CENTRAL OHIO	2	13	54	13	82	9		91
02	01	49		NORTHERN VIRGINIA (NCAC)	56	460	4002	317	4835	260		5095
02	00	33		OHIO VALLEY		6	56	4	66	3		69
02	00	35		PHILADELPHIA		116	629	4176	356	5277	829	6106
02	00	37		PITTSBURGH	1	68	397	1817	133	2416	629	3045
02	00	37	01	UPPER MONONGAHELA		(1)	(10)	(81)	(4)	(96)	(69)	(165)
02	00	39		SHARON	3	29	127	10	169	105		274
02	00	41		SOUTHERN NEW JERSEY	3	19	141	11	174	13		187
02	00	43		SUSQUEHANNA	8	64	464	75	611	82		693
02	01	19		WASHINGTON (NCAC)	140	700	4451	391	5682	678		6360
02	01	19	01	WESTERN MARYLAND		(1)	(9)	(136)	(25)	(171)	(9)	(180)
02	00	45		WEST VIRGINIA		1	13	122	8	144	50	194
				<u>REGION 2 TOTALS</u>	<u>1</u>	<u>577</u>	<u>3718</u>	<u>24941</u>	<u>2166</u>	<u>31403</u>	<u>5148</u>	<u>36551</u>
				<u>COUNCIL TOTALS</u>								
02	01			NATL CAPITOL AREA COUNCIL (NCAC)	196	1160	8453	708	10517	938		11455

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 3

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
						A	SUBTOTAL		
03 00 01	ALABAMA		7	158	823	46	1034	398	1432
03 00 01 01	MONTGOMERY		(5)	(27)	(262)	(17)	(311)	(245)	(556)
03 00 03	ATLANTA		34	273	2058	277	2642	644	3286
03 00 03 05	ATHENS S/S			(10)	(46)	(2)	(58)	(5)	(63)
03 00 03 01	ROME		(1)	(14)	(52)	(8)	(75)	(7)	(82)
03 00 05	BATON ROUGE		2	20	281	11	314	113	427
03 05 89	BROWARD (FC)		14	64	544	69	691	29	720
03 05 07	CANAVERAL (FC)		2	27	221	19	269	12	281
03 00 93	CENTRAL GEORGIA		3	16	228	9	256	35	291
03 01 67	CENTRAL NORTH CAROLINA (NCC)		3	27	222	15	267	41	308
03 03 81	CENTRAL SAVANNAH RIVER (SCC)			8	159	22	189	23	212
03 09 09	CENTRAL VIRGINIA (VC)		23	73	367	31	494	181	675
03 01 69	CHARLOTTE (NCC)		8	107	551	80	746	172	918
03 07 11	CHATTANOOGA (TC)		4	69	229	30	332	62	394
03 03 83	COASTAL SOUTH CAROLINA (SCC)		12	47	247	37	343	64	407
03 03 85	COLUMBIA (SCC)		2	43	301	31	377	100	477
03 05 77	DAYTONA (FC)		4	32	160	18	214	9	223
03 07 13	EAST TENNESSEE (TC)		11	101	468	41	621	268	889
03 01 71	EASTERN NORTH CAROLINA (NCC)		25	160	1481	142	1808	531	2339
03 01 71 01	LOWER CAPE FEAR (NCC)			(10)	(71)	(8)	(89)	(6)	(95)
03 00 15	EVANSVILLE-DWENSBORO		1	26	231	20	278	61	339
03 00 15 01	PADUCAH			(6)	(39)	(6)	(51)	(8)	(59)
03 05 17	FLORIDA WEST COAST (FC)		71	352	1330	149	1902	197	2099
03 05 17 01	SARASOTA-BRADENTON (FC)		(40)	(143)	(193)	(32)	(408)	(4)	(412)
03 05 19	FORT WALTON (FC)			11	164	3	178	9	187
03 05 21	GAINESVILLE (FC)		13	35	221	6	275	193	468
03 09 23	HAMPTON ROADS (VC)		3	58	625	37	723	193	916
03 00 25	HUNTSVILLE		3	73	1037	63	1176	114	1290
03 05 27	JACKSONVILLE (FC)			36	175	27	238	10	248
03 00 97	JAMAICA			7	84	22	113	3	116
03 00 29	LEXINGTON		2	18	238	11	269	62	331
03 00 31	LOUISVILLE		2	49	281	8	340	233	573
03 07 33	MEMPHIS (TC)			31	275	51	357	170	527
03 07 33 01	JACKSON (TC)			(5)	(37)		(42)	(18)	(60)
03 05 35	MIAMI (FC)		13	116	663	62	854	215	1069
03 07 37	MIDDLE TENNESSEE (TC)			31	87	5	123	15	138
03 00 39	MISSISSIPPI		2	28	328	16	374	148	522
03 00 39 01	NE MISSISSIPPI		(1)	(9)	(75)	(2)	(87)	(104)	(191)
03 00 41	MOBILE			19	148	7	174	60	234
03 07 43	NASHVILLE (TC)		7	55	371	26	459	288	747
03 00 45	NEW ORLEANS		2	103	616	35	756	111	867
03 07 49	DAK RIDGE (TC)		4	29	139	7	179	20	199
03 05 51	ORLANDO (FC)		11	128	889	57	1085	148	1233
03 05 53	PALM BEACH (FC)		27	119	687	74	907	45	952
03 05 57	PENSACOLA (FC)			13	99	6	118	6	124
03 03 87	PIEDMONT (SCC)		6	47	381	30	464	201	665
03 09 59	RICHMOND (VC)		5	56	457	46	564	19	583
03 00 61	SAVANNAH			10	59	2	71	19	90
03 05 95	SO BREVARD INDIAN RIVER (FC)		10	82	688	34	814	115	929
03 05 55	TALLAHASSEE AREA (FC)		5	19	180	9	213	39	252
03 07 91	TRI CITIES (TC)		2	25	184	31	242	16	258
03 09 65	VIRGINIA MOUNTAIN (VC)		8	96	319	32	455	309	764
03 01 73	WESTERN NORTH CAROLINA (NCC)		8	47	129	16	200	6	206
03 01 75	WINSTON-SALEM (NCC)		2	24	140	29	195	25	220
<u>REGION 3 TOTALS</u>			361	2968	19565	1799	24693	5732	30425
<u>COUNCIL TOTALS</u>									
03 05	FLORIDA COUNCIL (FC)		170	1034	6021	533	7758	1027	8785
03 01	NC CAROLINA COUNCIL (NCC)		46	365	2523	282	3216	775	3991
03 03	SO CAROLINA COUNCIL (SCC)		20	145	1088	120	1373	388	1761
03 07	TENNESSEE COUNCIL (TC)		28	341	1753	191	2313	839	3152
03 09	VIRGINIA COUNCIL (VC)		39	283	1768	146	2236	702	2938

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 4

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
						A	SUBTOTAL		
04 00 01	ARROWHEAD			20	141	11	172	72	244
04 00 45	CALUMET		2	40	342	62	446	161	607
04 00 03	CEDAR RAPIDS		5	55	386	31	477	97	574
04 00 05	CENTRAL ILLINOIS	1	43	89	515	30	678	555	1233
04 00 07	CENTRAL INDIANA		24	157	1116	81	1378	470	1848
04 00 07 01	BLOOMINGTON		(4)	(18)	(87)	(10)	(119)	(7)	(126)
04 00 09	CENTRAL IOWA		5	45	255	9	314	365	679
04 00 11	CHICAGO		64	494	4634	471	5663	818	6481
04 00 11 03	FOX VALLEY		(14)	(132)	(1459)	(176)	(1781)	(123)	(1904)
04 00 11 05	NORTHWEST		(10)	(174)	(1588)	(140)	(1912)	(125)	(2037)
04 00 13	FORT WAYNE		4	52	354	27	437	103	540
04 00 15	ILLINDIS VALLEY			22	134	10	166	43	209
04 00 17	IOWA-ILLINOIS		1	37	175	17	230	26	256
04 00 19	MADISON		7	59	375	21	462	176	638
04 00 33	MICHIANA		4	22	237	28	291	174	465
04 00 21	MILWAUKEE		20	160	1260	107	1547	502	2049
04 00 47	MISSOURI SLOPE			67	67	2	69	7	76
04 00 23	NEBRASKA		2	79	461	122	664	162	826
04 00 25	NORTHEAST MICHIGAN		1	29	249	42	321	108	429
04 00 27	NORTHEASTERN WISCONSIN		1	35	363	37	436	320	756
04 00 27 01	UPPER PENINSULA			(15)	(112)	(10)	(137)	(296)	(433)
04 00 29	ROCK RIVER VALLEY			15	250	22	287	22	309
04 00 31	SIouxLAND		3	17	116	11	147	57	204
04 00 35	SOUTHEASTERN MICHIGAN		43	266	2542	222	3073	969	4042
04 00 37	SOUTHERN MINNESOTA		1	13	266	33	313	139	452
04 00 37 01	COULEE		(1)	(3)	(37)	(1)	(42)	(3)	(45)
04 00 39	TOLEDO		2	48	318	48	416	162	578
04 00 41	TWIN CITIES		21	192	2478	182	2873	676	3549
04 00 41 01	RED RIVER VALLEY		(1)	(18)	(159)	(6)	(184)	(168)	(352)
04 00 43	WEST MICHIGAN			53	433	47	533	78	611
04 00 43 01	KALAMAZOO-BATTLE CREEK			(12)	(103)	(10)	(125)	(49)	(174)
<u>REGION 4 TOTALS</u>		1	253	1999	17467	1673	21393	6262	27655

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 5

GEO CODE				SECTION/SUBSECTION				HIGHER GRADE		SUBSECTION	SECTION	
R	C	S	SS	H	F	SM	M	A	SUBTOTAL	S	TOTAL	TOTAL
05	00	01			3	47	291	19	360	38		398
05	00	03			1	18	151	2	172	73		245
05	00	05			33	134	1757	128	2052	455		2507
05	00	07			1	22	186	31	240	67		307
05	00	09		1	35	305	3606	210	4157	222		4379
05	00	11			48	316	2654	158	3176	707		3883
05	00	11	01			(6)	(67)	(1)	(74)	(69)	(143)	
05	00	11	03			(2)	(33)	(14)	(371)	(198)	(569)	
05	00	13			4	48	312	18	382	166		548
05	00	15			5	98	1356	55	1514	196		1710
05	00	45			2	33	511	28	574	58		632
05	00	17			13	219	2254	164	2650	791		3441
05	00	17	01			(7)	(71)	(2)	(80)	(2)	(82)	
05	00	19			7	163	1010	137	1317	395		1712
05	00	19	01			(1)	(18)	(8)	(111)	(22)	(133)	
05	00	41			1	4	191	6	202	170		372
05	00	21			5	80	398	23	506	100		606
05	00	37			2	32	102	8	144	44		188
05	00	23				20	106	10	136	1		137
05	00	39				5	72	13	90	1		91
05	00	43			6	44	728	37	815	112		927
05	00	25			32	199	2055	92	2378	875		3253
05	00	25	01			(4)	(10)	(5)	(133)	(296)	(429)	
05	00	27			2	28	254	10	294	117		411
05	00	27	01			(1)	(33)		(34)	(5)	(39)	
05	00	29			3	16	134	8	161	84		245
05	00	31			7	83	435	44	569	168		737
05	00	35			3	53	341	20	417	37		454
<u>REGION 5 TOTALS</u>				1	213	1967	18904	1221	22306	4877		27183

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 6

GEO CODE R C S SS	SECTION/SUBSECTION	H	F	SM	M	HIGHER GRADE		SUBSECTION TOTAL	SECTION TOTAL
						A	SUBTOTAL		
06 00 03	ALAMOGORDO-HOLLOMAN		1	8	42	1	52	1	53
06 00 05	ALASKA			14	224	31	269	28	297
06 00 05 01	INTERIOR ALASKA			(7)	(41)	(2)	(50)	(22)	(72)
06 00 01	ALBUQUERQUE		22	109	945	48	1124	142	1266
06 00 07	BOISE			20	162	7	189	5	194
06 01 09	BUENAVENTURA (LAC)		6	78	965	76	1125	57	1182
06 01 11	CHINA LAKE (LAC)			15	249	20	284	13	297
06 00 65	EASTERN MONTANA			2	47		49	6	55
06 01 13	FOOTHILL (LAC)		14	138	991	95	1238	179	1417
06 00 15	FORT HUACHUCA			21	105	3	129	1	130
06 00 17	HAWAII		11	37	524	47	619	122	741
06 00 19	IDAHO			11	115	4	130	5	135
06 00 21	LAS VEGAS		1	23	171	13	208	15	223
06 00 71	LOS ALAMOS		3	52	176	9	240	12	252
06 01 23	METROPOLITAN LOS ANGELES (LAC)		31	94	702	48	875	255	1130
06 00 25	MONTANA		1	25	119	8	153	71	224
06 00 73	NORTHERN NEVADA		4	28	185	10	227	40	267
06 03 67	OAKLAND-EAST BAY (SFBAC)		57	254	2347	232	2890	404	3294
06 01 27	ORANGE COUNTY (LAC)		43	411	3480	287	4221	453	4674
06 00 29	PHOENIX		43	291	2303	142	2779	451	3230
06 00 31	PORTLAND		40	220	1646	128	2034	284	2318
06 00 31 01	EUGENE		(6)	(35)	(224)	(27)	(292)	(142)	(434)
06 00 33	RICHLAND	1	3	31	201	22	258	73	331
06 00 35	SACRAMENTO		8	111	1116	60	1295	441	1736
06 00 35 05	SAN JOAQUIN		(2)	(14)	(156)	(11)	(183)	(73)	(256)
06 00 37	SAN DIEGO		41	320	2425	186	2972	223	3195
06 01 39	SAN FERNANDO VALLEY (LAC)		24	261	1642	173	2100	240	2340
06 03 41	SAN FRANCISCO (SFBAC)		22	187	1420	177	1806	138	1944
06 03 41 01	REDWOOD EMPIRE (SFBAC)		(3)	(28)	(230)	(20)	(281)	(4)	(285)
06 01 43	SAN GABRIEL VALLEY (LAC)		24	127	856	80	1087	145	1232
06 01 45	SANTA BARBARA (LAC)		21	86	523	39	669	290	959
06 03 69	SANTA CLARA VALLEY (SFBAC)	4	189	858	8792	662	10505	723	11228
06 03 69 01	MONTEREY BAY		(16)	(49)	(323)	(28)	(416)	(52)	(468)
06 01 47	SANTA MONICA BAY (LAC)		67	185	1102	118	1472	253	1725
06 00 49	SEATTLE		32	263	2625	166	3086	312	3398
06 01 51	SOUTH BAY HARBOR (LAC)		22	223	2257	138	2640	268	2908
06 00 53	SPOKANE		2	45	283	12	342	165	507
06 00 55	TUCSON		20	110	524	34	688	126	814
06 00 57	UTAH		11	71	712	44	838	255	1093
06 00 59	VANDENBERG		1	13	138	17	169	4	173
06 00 61	WENATCHEE		1	9	59	5	74	1	75
	<u>REGION 6 TOTALS</u>	5	765	4751	40173	3142	48836	6201	55037
	<u>COUNCIL TOTALS</u>								
06 01	LOS ANGELES COUNCIL (LAC)		252	1618	12767	1074	15711	2153	17864
06 03	SF BAY AREA COUNCIL (SFBAC)	4	268	1299	12559	1071	15201	1265	16466

SECTION A

TABLE 7 - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 7

<u>GEO CODE</u> R C S SS	<u>SECTION/SUBSECTION</u>	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	HIGHER GRADE	<u>S</u>	SUBSECTION	SECTION
							<u>SUBTOTAL</u>		<u>TOTAL</u>	<u>TOTAL</u>
07 03 33	CANADIAN ATLANTIC (ECC)		3	18	184	14	219	90		309
07 05 03	HAMILTON (CCC)		4	48	297	100	449	176		625
07 05 01	KINGSTON (CCC)		1	26	117	6	150	157		307
07 05 05	KITCHENER-WATERLOO (CCC)		3	33	237	56	329	148		477
07 05 07	LONDON (CCC)		1	22	190	89	302	142		444
07 03 09	MONTREAL (ECC)		30	167	1556	114	1867	585		2452
07 01 39	N SASKATCHEWAN (WCC)		3	8	129	7	147	127		274
07 03 35	NEW BRUNSWICK (ECC)			21	134	10	165	142		307
07 03 37	NEWFOUNDLAND-LABRADOR (ECC)			5	66	3	74	60		134
07 01 13	NORTHERN CANADA (WCC)			21	398	50	469	207		676
07 03 15	OTTAWA (ECC)		11	145	1394	138	1688	288		1976
07 05 41	PETERBOROUGH (CCC)		1	23	66	16	106	4		110
07 03 17	QUEBEC (ECC)			8	121	12	141	64		205
07 01 19	S SASKATCHEWAN (WCC)			16	109	27	152	86		238
07 03 21	SAINT MAURICE (ECC)			1	40	1	42	18		60
07 01 23	SOUTHERN ALBERTA (WCC)		2	23	421	45	491	126		617
07 05 25	TORONTO (CCC)		29	155	1906	533	2623	718		3341
07 01 27	VANCOUVER (WCC)		9	92	725	96	922	168		1090
07 01 29	VICTORIA (WCC)		2	24	107	26	159	89		248
07 01 31	WINNIPEG (WCC)		1	52	336	128	517	306		823
	<u>REGION 7 TOTALS</u>		100	908	8533	1471	11012	3701		14713
	<u>COUNCIL TOTALS</u>									
07 05	CENTRAL CANADA COUNCIL (CCC)		39	307	2813	800	3959	1345		5304
07 03	EASTERN CANADA COUNCIL (ECC)		44	365	3495	292	4196	1247		5443
07 01	WESTERN CANADA COUNCIL (WCC)		17	236	2225	379	2857	1109		3966

SECTION A

TABLE 7-8A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 8

<u>GEO CODE</u>										<u>HIGHER GRADE</u>	<u>SUBSECTION</u>	<u>SECTION</u>		
<u>R</u>	<u>C</u>	<u>S</u>	<u>SS</u>		<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>SUBTOTAL</u>	<u>S</u>	<u>TOTAL</u>	<u>TOTAL</u>	
08	00	37				2	19	100	14	135	29		164	
08	00	01				28	117	927	86	1158	363		1521	
08	00	25				3	22	205	28	258	50		308	
08	00	47					20	91	13	124	10		134	
08	00	03				6	43	175	14	238	55		293	
08	00	35				1	17	189	12	219	121		340	
08	00	05				37	101	735	105	978	59		1037	
08	00	17				32	154	1040	166	1392	153		1545	
08	00	29				2	19	231	24	276	135		411	
08	00	27					6	106	29	141	72		213	
08	00	09				15	66	506	38	625	138		763	
08	00	21				7	33	283	43	366	72		438	
08	00	39					9	90	5	104	10		114	
08	00	11				14	43	578	92	727	195		922	
08	00	13				2	31	217	21	271	8		279	
08	00	33				2	37	29	5	73	21		94	
08	00	45					6	89	42	137	75		212	
08	00	43					46	488	54	588	36		624	
08	00	43	01				(1)	(10)	(2)	(13)		(13)		
08	00	41				1	19	201	21	242	24		266	
08	00	23				1	29	481	80	591	211		802	
08	00	19					14	55	44	524	103		627	
08	00	07					22	89	77	1069	209		1278	
08	00	15				1	57	277	168	2313	294		2607	
08	00	31					9	228	12	249	40		289	
08	00	88					4	93	86	863	210		1073	
						<u>1</u>	<u>250</u>	<u>1360</u>	<u>10771</u>	<u>1279</u>	<u>2693</u>		<u>16354</u>	
						<u>REGION 8 TOTALS</u>								

SECTION A

TABLE 7-83 - IEEE MEMBERSHIP IN REGION 8 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1986 - 3 YEAR COMPARISON

COUNTRY	H	F	SM	M	A	S	12/31/86	12/31/85	12/31/84
							TOTAL	TOTAL	TOTAL
ALGERIA				8	1		9	14	11
ANGOLA (W.AFRICA)				1			1		
BAHREIN (ARABIAN GULF)			11	35	10	1	57	47	47
BOTSWANA (S.AFRICA)				3	2		5	4	6
BULGARIA			3	1		1	5	4	4
CAMEROON (C.AFRICA)				4			4	2	1
CYPRUS			3	42	3		48	41	37
CZECHOSLOVAKIA			4	8	4	1	17	18	19
ETHIOPIA								1	
GERMANY EAST & E BERLIN				1			1	1	
GHANA (W.AFRICA)				3	1	1	5	2	6
GIBRALTAR				1	1		2	1	1
HUNGARY		1	5	5	1		12	12	10
ICELAND				31	2	1	34	40	37
IRAQ			5	21	3	1	30	39	40
IVORY COAST (W.AFRICA)			1	4			5	4	6
JORDAN			7	50	6	24	87	72	58
KUWAIT			10	112	9	148	279	264	310
LEBANON				6		1	7	6	11
LIBERIA (W.AFRICA)			1	7			8	9	9
MALAWI (C.AFRICA)			1	1	1		3	4	6
MALTA, ISLE OF			1	12		1	14	14	14
MOROCCO			1	7	1	2	11	10	9
MUSCAT/OMAN/UNITED ARAB EMIRATES			13	127	17	1	158	141	120
QATAR (ARABIAN GULF)			6	31	4	4	45	35	39
RUMANIA			8	9	2		19	14	12
SENEGAL (W.AFRICA)				1			1	3	1
SIERRA LEONE (W.AFRICA)				1			1	1	
SOUTHWEST AFRICA					1		1		
SP LIBYAN ARAB JAMAHIRIYA			1	21	2		24	28	29
SUDAN				16	5	1	22	26	20
SWAZILAND (S.AFRICA)				1			1	2	2
SYRIA				15	2		17	16	13
TUNISIA				5	1	1	7	7	3
TURKEY		1	7	60	6	19	93	80	82
USSR		2	3	4		1	10	11	8
YEMEN ARAB REPUBLIC				7		1	8	3	2
YEMEN PEOPLES DEMOCRATIC REPUBLIC									1
APC AND FPO			2	19	1		22	25	22
MEMBERS NOT ASSIGNED TO IEEE SECTIONS		4	93	680	86	210	1073	1001	996
MEMBERS ASSIGNED TO IEEE SECTIONS		246	1267	10091	1193	2483	15281	14067	13506
<u>TOTAL, REGION 8</u>		250	1360	10771	1279	2693	16354	15068	14502

SECTION A

TABLE 7-9A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 9

GEO CODE			SECTION/SUBSECTION	H	F	SM	M	HIGHER GRADE		S	SUBSECTION TOTAL	SECTION TOTAL
R	C	S SS						A	SUBTOTAL			
09	00	01	ARGENTINA		2	24	258	56	340	406		746
09	01	27	BAHIA (BC)			5	53	2	60	11		71
09	01	15	BRAZILIA (BC)				30	6	36	2		38
09	05	23	CENTRAL AMERICA (CAPC)				40		40	1		41
09	05	23 07	HONDURAS (CAPC)				(39)		(39)	(1)	(40)	
09	00	03	CHILE			15	128	36	179	217		396
09	00	05	COLOMBIA			12	184	36	232	210		442
09	05	33	COSTA RICA (CAPC)			5	51	1	57	7		64
09	00	29	ECUADOR			6	28	29	63	40		103
09	05	35	EL SALVADOR (CAPC)			6	81	26	113	62		175
09	05	37	GUATEMALA (CAPC)			5	54	4	63	44		107
09	03	07	MEXICO (MC)		3	41	398	60	502	180		682
09	03	07 03	GUADALAJARA (MC)			(3)	(22)	(3)	(28)	(10)	(38)	
09	03	31	MONTERREY (MC)			5	99	9	113	93		206
09	05	25	PANAMA (CAPC)			9	102	9	120	38		158
09	00	21	PERU			9	198	15	222	159		381
09	00	09	PUERTO RICO & CARIBBEAN		1	41	475	50	567	203		770
09	01	11	RIO DE JANEIRO (BC)		4	40	105	11	160	27		187
09	01	17	SAO PAULO (BC)		1	29	265	30	325	45		370
09	01	17 01	CAMPINAS (BC)			(2)	(27)	(4)	(33)	(1)	(34)	
09	00	19	VENEZUELAN			29	167	13	209	194		403
09	00	99	COUNTRIES OUTSIDE SECTIONS			3	41	7	51	1		52
<u>REGION 9 TOTALS</u>					11	284	2757	400	3452	1940		5392
<u>COUNCIL TOTALS</u>												
09	01		BRAZIL COUNCIL (BC)		5	74	453	49	581	85		666
09	05		CTRL AM PANAMA COUNCIL (CAPC)			25	328	40	393	152		545
09	03		MEXICAN COUNCIL (MC)		3	46	497	69	615	273		888

SECTION A

TABLE 7-9B - IEEE MEMBERSHIP IN REGION 9 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1986 - 3 YEAR COMPARISON

<u>COUNTRY</u>	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>S</u>	<u>12/31/86</u> <u>TOTAL</u>	<u>12/31/85</u> <u>TOTAL</u>	<u>12/31/84</u> <u>TOTAL</u>
BELIZE				2			2	1	1
BOLIVIA				7			7	6	8
CAYMAN ISLANDS				2			2	2	
EL SALVADOR									1
GUYANA			1	4			5	5	7
MARTINIQUE									1
PARAGUAY			1	4	2		7	7	6
SURINAM				2			2	3	2
URUGUAY			1	16	3	1	21	16	17
APD AND FPO				4	2		6	9	9
MEMBERS NOT ASSIGNED TO IEEE SECTIONS			3	41	7	1	52	49	52
MEMBERS ASSIGNED TO IEEE SECTIONS	11	281	2716	393	1939		5340	4455	4432
<u>TOTAL, REGION 9</u>	11	284	2757	400	1940		5392	4504	4484

SECTION A

TABLE 7-10A - IEEE MEMBERSHIP BY REGION, SECTION, SUBSECTION AND COUNCIL, BY GRADE
DECEMBER 31, 1986

REGION 10

GEO CODE				SECTION/SUBSECTION				HIGHER GRADE			SUBSECTION	SECTION
R	C	S	SS	H	F	SM	M	A	SUBTOTAL	S	TOTAL	TOTAL
10	01	19				38	154	28	220	178		398
10	00	51			2	83	78	9	172	2		174
10	01	21			4	74	300	64	442	261		703
10	01	21	01			(11)	(39)	(3)	(53)	(35)	(88)	
10	01	37			1	35	128	13	177	66		243
10	01	23		1	1	77	242	21	342	158		500
10	01	23	03			(5)	(32)	(3)	(40)	(30)	(70)	
10	00	07			1	32	1320	98	1451	237		1688
10	01	49				16	114	12	142	111		253
10	00	41				2	85	13	100	26		126
10	01	45				15	180	9	204	241		445
10	01	55				9	30	1	40	20		60
10	00	17			2	15	474	39	530	515		1045
10	01	33			1	49	266	16	332	782		1114
10	00	35				2	273	14	289	21		310
10	05	09			5	64	720	44	833	100		933
10	03	01				8	96	10	114	24		138
10	03	39			1	9	132	3	145	55		200
10	00	03				27	134	9	170	1		171
10	05	53			1	6	226	21	254	90		344
10	00	15				4	80	15	99	18		117
10	00	25				14	934	106	1054	624		1678
10	05	57				10	107	3	120	13		133
10	00	11			1	14	382	76	473	134		607
10	00	29				9	111	8	128	41		169
10	00	13		1	153	346	3654	241	4395	178		4573
10	05	43			1	32	580	38	651	67		718
10	05	47				7	102	24	133	62		195
10	00	99				14	218	36	268	24		292
<u>REGION 10 TOTALS</u>				2	174	1011	11120	971	13278	4049		17327
<u>COUNCIL TOTALS</u>												
10	01			1	7	313	1414	164	1899	1817		3716
10	05				7	119	1735	130	1991	332		2323
10	03				1	17	228	13	259	79		338

SECTION A

TABLE 7-108 - IEEE MEMBERSHIP IN REGION 10 NOT ASSIGNED TO SECTIONS, BY COUNTRY, BY GRADE
DECEMBER 31, 1986 - 3 YEAR COMPARISON

<u>COUNTRY</u>	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>S</u>	<u>12/31/86</u> <u>TOTAL</u>	<u>12/31/85</u> <u>TOTAL</u>	<u>12/31/84</u> <u>TOTAL</u>
BANGLADESH			2	12	6	1	21	17	15
BORNEO/KALAMNTN/BRUNEI/SABAH/SARAWK			2	19	1	1	23	18	15
BURMA				1	4		5	3	
FIJI ISLANDS				14	1		15	13	8
GILBERT ISLANDS				1			1	1	1
GUAM			1	10	3	1	15	12	11
INDIA				1			1		1
INDONESIA			1	73	11	13	98	87	73
MALAYSIA									286
MALDIVES				2			2	2	
MAURITIUS				7	2		9	6	4
NEPAL			2	6	1	4	13	6	6
SAIPAN/MARIANA ISLANDS				3			3	2	1
SEYCHELLES				1			1		
SRI LENKA (CEYLON)			3	22	5	1	31	39	37
VIETNAM, NORTH & SOUTH			1				1	1	1
SOLOMON ISLANDS				1			1		
APD AND FPD			<u>2</u>	<u>45</u>	<u>2</u>	<u>3</u>	<u>52</u>	<u>49</u>	<u>55</u>
MEMBERS NOT ASSIGNED TO IEEE SECTIONS			14	218	36	24	292	256	514
MEMBERS ASSIGNED TO IEEE SECTIONS	174	997	10902	935	4025		17035	15640	14626
<u>TOTAL, REGION 10</u>	174	1011	11120	971	4049		17327	15896	15140

SECTION B

TABLE 1-IEEE STUDENT BRANCHES AND STUDENT BRANCH MEMBERSHIP
DECEMBER 31, 1986

REGION 1

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
BINGHAMTON	*BROOME COMMUNITY COLLEGE	3
BINGHAMTON	NEW YORK STATE UNIV OF-BINGHAMTON (C)	67
BOSTON	BOSTON UNIV (C,EMB)	197
BOSTON	*FRANKLIN INST OF BOSTON	19
BOSTON	HARVARD UNIV	39
BOSTON	LOWELL UNIV OF	167
BOSTON	MASSACHUSETTS INST OF TECHNOLOGY	333
BOSTON	MERRIMACK COLLEGE	12
BOSTON	NORTHEASTERN UNIV	331
BOSTON	TUFTS UNIV	98
BOSTON	*WENTWORTH INST OF TECHNOLOGY	51
BUFFALO	NEW YORK STATE UNIV OF COLLEGE-BUFFALO	38
BUFFALO	NEW YORK STATE UNIV OF-BUFFALO (C)	252
BUFFALO	*SUNY-ALFRED STATE COLLEGE	49
CONNECTICUT	*BRIDGEPORT ENGINEERING INST	17
CONNECTICUT	BRIDGEPORT UNIV OF	29
CONNECTICUT	CONNECTICUT UNIV OF	70
CONNECTICUT	*GREATER NEW HAVEN STATE TECH COLLEGE	10
CONNECTICUT	*HARTFORD STATE TECHNICAL COLLEGE	42
CONNECTICUT	HARTFORD UNIV OF	67
CONNECTICUT	NEW HAVEN UNIV OF	60
CONNECTICUT	TRINITY COLLEGE	12
CONNECTICUT	U S COAST GUARD ACADEMY	26
CONNECTICUT	*WARD TECHNICAL COLLEGE	21
CONNECTICUT	*WATERBURY STATE TECHNICAL COLLEGE	84
ITHACA	CORNELL UNIV	270
LONG ISLAND	HOFSTRA UNIV	24
LONG ISLAND	*NEW YORK STATE UNIV OF-FARMINGDALE	15
LONG ISLAND	NEW YORK STATE UNIV OF-STONY BROOK	126
LONG ISLAND	POLYTECHNIC INST OF NEW YORK L I CENTER	67
MAINE	MAINE UNIV OF	108
MID HUDSON	NEW YORK STATE UNIV OF NEW PALTZ	34
MID-HUDSON	*DUTCHESS COMMUNITY COLLEGE	28
MID-HUDSON	U S MILITARY ACADEMY (C)	10
MOHAWK VALLEY	CLARKSON UNIV	162
MOHAWK VALLEY	*NEW YORK A AND T COLLEGE-CANTON	27
MOHAWK VALLEY	NEW YORK STATE UNIV-UTICA	39
NEW HAMPSHIRE	DARTMOUTH COLLEGE-THAYER SCHOOL OF ENG	9
NEW HAMPSHIRE	*HESSER COLLEGE	7
NEW HAMPSHIRE	*NEW HAMPSHIRE TECHNICAL INST	20
NEW HAMPSHIRE	NEW HAMPSHIRE UNIV OF	62
NEW JERSEY COAST	MONMOUTH COLLEGE	33
NEW JERSEY COAST	*UNION TECHNICAL INST	19
NEW YORK	*AERONAUTICS COLLEGE OF (C)	16
NEW YORK	*BRAMSON ORT TECHNICAL INST	2
NEW YORK	*BRONX COMMUNITY COLLEGE-DAY DIVISION	9
NEW YORK	COLUMBIA UNIV(C)	183
NEW YORK	COOPER UNION	97
NEW YORK	MANHATTAN COLLEGE	130
NEW YORK	NEW YORK CITY COLLEGE OF (COM,MTT)	298
NEW YORK	*NEW YORK CITY TECHNICAL COLLEGE	37

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 1

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
NEW YORK	NEW YORK INST OF TECHNOLOGY	120
NEW YORK	NEW YORK STATE UNIV OF-MARITIME COLLEGE	26
NEW YORK	POLYTECHNIC INST OF NEW YORK (C)	282
NEW YORK	PRATT INST	63
NEW YORK	QUEENS COLLEGE-NEW YORK	6
NEW YORK	*QUEENSBOROUGH COMMUNITY COLLEGE (C)	15
NEW YORK	STATEN ISLAND COLLEGE OF-ST GEORGE CAMPUS	24
NEW YORK	*STATEN ISLAND COLLEGE OF-SUNNYSIDE CAMPUS	28
NEW YORK	*TECHNICAL CAREER INSTS (C)	94
NEW YORK	*WESTCHESTER COMMUNITY COLLEGE	38
NORTH JERSEY	FAIRLEIGH DICKINSON UNIV-DAY DIVISION	65
NORTH JERSEY	*MORRIS COUNTY COLLEGE OF	13
NORTH JERSEY	NEW JERSEY INST OF TECHNOLOGY	222
NORTH JERSEY	STEVENS INST OF TECHNOLOGY	116
NORTH JERSEY	*UNION COUNTY COLLEGE	14
PRINCETON	*DEVRY TECHNICAL INSTITUTE-WOODBRIDGE	63
PRINCETON	*MIDDLESEX COUNTY COLLEGE	26
PRINCETON	PRINCETON UNIV	53
PRINCETON	RUTGERS UNIV	308
PRINCETON	TRENTON STATE COLLEGE	64
PROVIDENCE	BROWN UNIV	28
PROVIDENCE	RHODE ISLAND UNIV OF	112
PROVIDENCE	ROGER WILLIAMS COLLEGE	23
PROVIDENCE	SOUTHEASTERN MASSACHUSETTS UNIV (C)	60
ROCHESTER	ROCHESTER INST OF TECH-BRANCH A (C)	177
ROCHESTER	ROCHESTER INST OF TECH-BRANCH B (C)	11
ROCHESTER	ROCHESTER UNIV OF	46
SCHENECTADY	*HUDSON VALLEY COMMUNITY COLLEGE	7
SCHENECTADY	RENSSELAER POLYTECHNIC INST (C,P)	212
SCHENECTADY	UNION COLLEGE	63
SPRINGFIELD	MASSACHUSETTS UNIV OF (C)	264
SPRINGFIELD	WESTERN NEW ENGLAND COLLEGE	66
SYRACUSE	SYRACUSE UNIV (C,EMB)	134
VERMONT	NORWICH UNIV (C)	71
VERMONT	*VERMONT TECHNICAL COLLEGE	4
VERMONT	VERMONT UNIV OF	73
WORCESTER COUNTY	CENTRAL NEW ENGLAND COLLEGE	17
WORCESTER COUNTY	WORCESTER POLYTECHNIC INST	119

* IECE 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
 APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
 MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
 PE-POWER ENGINEERING.

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
AKRON	AKRON UNIV OF (C)	123
BALTIMORE	*ANNE ARUNDEL COMMUNITY COLLEGE	5
BALTIMORE	JOHNS HOPKINS UNIV	100
BALTIMORE	LOYOLA COLLEGE	7
BALTIMORE	U S NAVAL ACADEMY	8
CANTON	*KENT STATE UNIV-TUSCARAWAS	15
CENTRAL PENNSYLVANIA	BUCKNELL UNIV	33
CENTRAL PENNSYLVANIA	PENNSYLVANIA STATE UNIV (C)	363
CINCINNATI	CINCINNATI UNIV OF	123
CLEVELAND	CASE WESTERN RESERVE UNIV	213
CLEVELAND	CLEVELAND STATE UNIV	83
COLUMBUS	*COLUMBUS TECHNICAL INSTITUTE	11
COLUMBUS	*DEVRY INST OF TECHNOLOGY-COLUMBUS	134
COLUMBUS	*FRANKLIN UNIV	19
COLUMBUS	OHIO STATE UNIV (C)	312
COLUMBUS	OHIO UNIV (C)	81
DAYTON	DAYTON UNIV OF	60
DAYTON	*DAYTON UNIV OF-TECHNICAL INST	8
DAYTON	*SINCLAIR COLLEGE	19
DAYTON	U S AIR FORCE INST OF TECHNOLOGY	22
DAYTON	WRIGHT STATE UNIV (C)	66
DELAWARE BAY	DELAWARE UNIV OF	75
ERIE	GANNON UNIV	49
JOHNSTOWN	PITTSBURGH UNIV OF-JOHNSTOWN	53
LEHIGH VALLEY	LAFAYETTE COLLEGE	51
LEHIGH VALLEY	LEHIGH UNIV	126
LEHIGH VALLEY	WILKES COLLEGE	54
LIMA	OHIO NORTHERN UNIV	113
NORTHERN VIRGINIA	GEORGE MASON UNIV	95
PHILADELPHIA	DREXEL UNIV-DAY DIVISION (C)	275
PHILADELPHIA	DREXEL UNIV-EVENING COLLEGE	65
PHILADELPHIA	PENNSYLVANIA UNIV OF (C)	149
PHILADELPHIA	SWARTHMORE COLLEGE	15
PHILADELPHIA	TEMPLE UNIV (EMB)	124
PHILADELPHIA	VILLANOVA UNIV OF	94
PHILADELPHIA	WIDENER UNIV	46
PITTSBURGH	CARNEGIE MELLON UNIV	232
PITTSBURGH	*PENNSYLVANIA STATE UNIV-MCKEESPORT	8
PITTSBURGH	PITTSBURGH UNIV OF	206
PITTSBURGH	STUBENVILLE COLLEGE OF	14
PITTSBURGH	WEST VIRGINIA UNIV (C)	86
SHARON	GROVE CITY COLLEGE	37
SHARON	YOUNGSTOWN STATE UNIV	68
SPRING GARDEN COLLEGE	SPRING GARDEN COLLEGE	9
SUSQUEHANNA	PENNSYLVANIA STATE UNIV-CAPITOL	53
SUSQUEHANNA	*PENNSYLVANIA STATE UNIV-YORK	5
WASHINGTON	CAPITOL INST OF TECHNOLOGY	32
WASHINGTON	CATHOLIC UNIV OF AMERICA	45
WASHINGTON	*DISTRICT OF COLUMBIA UNIV OF THE	69
WASHINGTON	GEORGE WASHINGTON UNIV (C)	185
WASHINGTON	HOWARD UNIV	37
WASHINGTON	MARYLAND UNIV OF	480
WEST VIRGINIA	WEST VIRGINIA INST OF TECHNOLOGY	54

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
 APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
 MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
 PE-POWER ENGINEERING.

SECTION B

REGION 3

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ALABAMA	ALABAMA UNIV OF (C)	75
ALABAMA	ALABAMA UNIV OF-BIRMINGHAM	72
ALABAMA	AUBURN UNIV (C,P)	255
ALABAMA	TUSKEGEE INST	40
ATLANTA	*DEKALB COMMUNITY COLLEGE	2
ATLANTA	*DEVRY INST OF TECHNOLOGY-ATLANTA	55
ATLANTA	GEORGIA INST OF TECHNOLOGY (C,EMB,P)	475
ATLANTA	SOUTHERN TECHNICAL INST	113
BATON ROUGE	LOUISIANA STATE UNIV-BATON ROUGE (C)	57
BATON ROUGE	SOUTHERN UNIV	65
CANAVERAL	FLORIDA INST OF TECHNOLOGY (C)	121
CENTRAL NORTH CAROLINA	NORTH CAROLINA A AND T STATE UNIV	35
CENTRAL SAVANNAH RIVER	*AUGUSTA AREA TECHNICAL SCHOOL	16
CENTRAL VIRGINIA	VIRGINIA UNIV OF	183
CHARLOTTE	*CENTRAL PIEDMONT COMMUNITY COLLEGE	28
CHARLOTTE	*GASTON COLLEGE	20
CHARLOTTE	NORTH CAROLINA UNIV OF-CHARLOTTE	127
CHATTANOOGA	*CHATTANOOGA STATE TECHNICAL INST	24
CHATTANOOGA	TENNESSEE UNIV OF-CHATTANOOGA	21
COASTAL SOUTH CAROLINA	CITADEL THE	35
COASTAL SOUTH CAROLINA	*FLORENCE-DARLINGTON TECHNICAL COLLEGE	7
COASTAL SOUTH CAROLINA	*TRIDENT TECHNICAL COLLEGE	13
COLUMBIA	SOUTH CAROLINA UNIV OF	93
EAST TENNESSEE	*STATE TECHNICAL INSTITUTE KNOXVILLE	14
EAST TENNESSEE	TENNESSEE UNIV OF (C)	292
EASTERN NORTH CAROLINA	DUKE UNIV	109
EASTERN NORTH CAROLINA	*FAYETTEVILLE TECHNICAL INST	19
EASTERN NORTH CAROLINA	NORTH CAROLINA STATE UNIV (C,P)	361
EASTERN NORTH CAROLINA	NORTH CAROLINA UNIV OF-CHAPEL HILL	24
EASTERN NORTH CAROLINA	*WAKE TECHNICAL COLLEGE	19
EVANSVILLE-OWENSBORO	EVANSVILLE UNIV OF	29
EVANSVILLE-OWENSBORO	INDIANA STATE UNIV	17
EVANSVILLE-OWENSBORO	MURRAY STATE UNIV	4
FLORIDA WEST COAST	SOUTH FLORIDA UNIV OF (C)	177
GAINESVILLE	FLORIDA UNIV OF (C)	198
HAMPTON ROADS	HAMPTON INSTITUTE	11
HAMPTON ROADS	NORFOLK STATE UNIV	26
HAMPTON ROADS	OLD DOMINION UNIV (C)	165
HUNTSVILLE	ALABAMA UNIV OF-HUNTSVILLE	85
LEXINGTON	KENTUCKY UNIV OF	62
LOUISVILLE	LOUISVILLE UNIV OF	210
LOUISVILLE	WESTERN KENTUCKY UNIV	30
MEMPHIS	CHRISTIAN BROTHERS COLLEGE	31
MEMPHIS	MEMPHIS STATE UNIV (C)	66
MEMPHIS	*STATE TECHNICAL INST-MEMPHIS	8
MEMPHIS	TENNESSEE UNIV OF-MARTIN	14
MIAMI	FLORIDA INTERNATIONAL UNIV	98
MIAMI	MIAMI UNIV OF (C)	105
MISSISSIPPI	MISSISSIPPI STATE UNIV (EMB,P)	135
MISSISSIPPI	MISSISSIPPI UNIV OF	29
MISSISSIPPI	SOUTHERN MISSISSIPPI UNIV OF	23

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION BREGION 3

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHI.</u>
MOBILE	SOUTH ALABAMA UNIV OF	61
NASHVILLE	TENNESSEE STATE UNIV	27
NASHVILLE	TENNESSEE TECHNOLOGICAL UNIV (C)	145
NASHVILLE	VANDERBILT UNIV	141
NEW ORLEANS	NEW ORLEANS UNIV OF	38
NEW ORLEANS	TULANE UNIV (C)	62
ORLANDO	CENTRAL FLORIDA UNIV OF (C)	166
PALM BEACH	FLORIDA ATLANTIC UNIV	56
PIEDMONT	CLEMSON UNIV (C)	215
SAVANNAH	GEORGIA SOUTHERN COLLEGE	15
SAVANNAH	SAVANNAH STATE COLLEGE	16
TALLAHASSEE AREA	FLORIDA A AND M UNIV	11
TALLAHASSEE AREA	FLORIDA STATE UNIV	26
TRI-CITIES	*TRI-CITIES SECTION BRANCH (C)	2
VIRGINIA MOUNTAIN	VIRGINIA MILITARY INST	43
VIRGINIA MOUNTAIN	VIRGINIA POLYTECHNIC INST (C)	276
VIRGINIA MOUNTAIN	*VIRGINIA WESTERN COMMUNITY COLLEGE	7

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
PE-POWER ENGINEERING.

SECTION B

REGION 4

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARROWHEAD	MINNESOTA UNIV OF-DULUTH	71
CALUMET	PURDUE UNIV-CALUMET	43
CALUMET	*VALPARAISO TECHNICAL INST	26
CALUMET	VALPARAISO UNIV	67
CEDAR RAPIDS	IOWA UNIV OF	75
CENTRAL ILLINOIS	ILLINOIS UNIV OF-URBANA/CHAMPAIGN (C)	576
CENTRAL INDIANA	PURDUE UNIV-INDIANAPOLIS	65
CENTRAL INDIANA	PURDUE UNIV-W LAFAYETTE (C)	336
CENTRAL INDIANA	ROSE-HULMAN INST OF TECHNOLOGY	34
CENTRAL IOWA	IOWA STATE UNIV (C)	419
CHICAGO	DEPAUL UNIV	19
CHICAGO	DEVRY INST OF TECHNOLOGY-CHICAGO	211
CHICAGO	ILLINOIS INST OF TECHNOLOGY (C)	160
CHICAGO	ILLINOIS UNIV OF-CHICAGO CIRCLE (EMB)	153
CHICAGO	NORTHWESTERN UNIV (C)	35
FORT WAYNE	INDIANA INST OF TECHNOLOGY	11
FORT WAYNE	PURDUE UNIV-FORT WAYNE	65
FORT WAYNE	TRI-STATE UNIV (C)	14
ILLINOIS VALLEY	BRADLEY UNIV	81
MADISON	WISCONSIN UNIV OF-MADISON (C)	181
MADISON	WISCONSIN UNIV OF-PLATTEVILLE	15
MICHIANA	NOTRE DAME UNIV OF	172
MILWAUKEE	MARQUETTE UNIV	224
MILWAUKEE	MILWAUKEE SCHOOL OF ENGINEERING	175
MILWAUKEE	*WAUKESHA COUNTY TECHNICAL INST	11
MILWAUKEE	WISCONSIN UNIV OF-MILWAUKEE (C)	110
MILWAUKEE	WISCONSIN UNIV OF-PARKSIDE	2
NEBRASKA	*GATEWAY ELECTRONICS INST (C)	28
NEBRASKA	NEBRASKA UNIV OF-LINCOLN	55
NEBRASKA	*NEBRASKA UNIV OF-OMAHA	58
NORTHEAST MICHIGAN	GMI ENGINEERING AND MANAGEMENT INST	128
NORTHEAST MICHIGAN	SAGINAW VALLEY STATE COLLEGE	28
NORTHEASTERN WISCONSIN	*LAKE SUPERIOR STATE COLLEGE	28
NORTHEASTERN WISCONSIN	MICHIGAN TECHNOLOGICAL UNIV (C,P)	310
ROCK RIVER VALLEY	NORTHERN ILLINOIS UNIV	7
SIOUXLAND	SOUTH DAKOTA STATE UNIV	50
SOUTHEASTERN MICHIGAN	DETROIT UNIV OF (C)	18
SOUTHEASTERN MICHIGAN	LAWRENCE INST OF TECHNOLOGY (C)	163
SOUTHEASTERN MICHIGAN	MICHIGAN STATE UNIV	146
SOUTHEASTERN MICHIGAN	MICHIGAN UNIV OF DEARBORN	50
SOUTHEASTERN MICHIGAN	MICHIGAN UNIV OF-ANN ARBOR	345
SOUTHEASTERN MICHIGAN	OAKLAND UNIV	53
SOUTHEASTERN MICHIGAN	*ST CLAIR COLLEGE OF TECH	9
SOUTHEASTERN MICHIGAN	WAYNE STATE UNIV (C)	86
SOUTHEASTERN MICHIGAN	WINDSOR UNIV OF	76
SOUTHERN MINNESOTA	MANKATO STATE UNIV	120
SOUTHERN MINNESOTA	ST CLOUD STATE UNIV	42
TOLEDO	TOLEDO UNIV OF	142
TOLEDO	*TOLEDO UNIV OF-COMMUNITY AND TECH COLLEGE	26
TWIN CITIES	MINNESOTA UNIV OF	384
TWIN CITIES	NORTH DAKOTA STATE UNIV (C,EMB)	128
TWIN CITIES	NORTH DAKOTA UNIV OF	62
TWIN CITIES	*WISCONSIN UNIV OF-STOUT (C)	18
WEST MICHIGAN	WESTERN MICHIGAN UNIV (C)	50

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
 APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
 MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
 PE-POWER ENGINEERING.

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
ARKANSAS	*ARKANSAS COLLEGE OF TECHNOLOGY	3
ARKANSAS	*ARKANSAS STATE UNIV	36
ARKANSAS	ARKANSAS UNIV OF-LITTLE ROCK	19
BEAUMONT	LAMAR UNIV	48
BEAUMONT	MCNEESE STATE UNIV	30
CENTRAL TEXAS	ST MARY'S UNIV	30
CENTRAL TEXAS	TEXAS UNIV OF-AUSTIN (C)	416
CENTRAL TEXAS	TRINITY UNIV	12
CORPUS CHRISTI	*DEL MAR COLLEGE (C)	22
CORPUS CHRISTI	TEXAS A AND I UNIV	47
DALLAS	DEVRY INST OF TECHNOLOGY -IRVING	43
DALLAS	EAST TEXAS STATE UNIV (C)	23
DALLAS	SOUTHERN METHODIST UNIV	79
DENVER	COLORADO SCHOOL OF MINES	33
DENVER	COLORADO STATE UNIV (C)	117
DENVER	COLORADO UNIV OF-BOULDER	170
DENVER	COLORADO UNIV OF-DENVER	107
DENVER	METROPOLITAN STATE COLLEGE	75
DENVER	SOUTH DAKOTA SCHOOL OF MINES AND TECH	79
DENVER	WYOMING UNIV OF	102
EL PASO	NEW MEXICO STATE UNIV	139
EL PASO	TEXAS UNIV OF-EL PASO	44
FORT WORTH	TEXAS CHRISTIAN UNIV (C)	12
FORT WORTH	TEXAS UNIV OF-ARLINGTON (C)	168
HOUSTON	HOUSTON UNIV OF-CLEAR LAKE	31
HOUSTON	HOUSTON UNIV OF-COLLEGE OF ENG	126
HOUSTON	HOUSTON UNIV OF-COLLEGE OF TECH	46
HOUSTON	PRAIRIE VIEW A AND M UNIV	10
HOUSTON	RICE UNIV (C)	87
HOUSTON	TEXAS A AND M UNIV (C,IA,EMB)	556
KANSAS CITY	CENTRAL MISSOURI STATE UNIV	21
KANSAS CITY	*DEVRY INST OF TECHNOLOGY-KANSAS CITY	41
KANSAS CITY	KANSAS STATE UNIV	142
KANSAS CITY	KANSAS UNIV OF	104
KANSAS CITY	MISSOURI UNIV OF-KANSAS CITY	51
KANSAS CITY	SOUTHWEST MISSOURI STATE COLLEGE	9
LAFAYETTE	SOUTHWESTERN LOUISIANA UNIV OF (C)	186
OKLAHOMA CITY	OKLAHOMA UNIV OF	90
OZARK	ARKANSAS UNIV OF	47
PIKES PEAK	COLORADO TECHNICAL COLLEGE	9
PIKES PEAK	COLORADO UNIV OF-COLORADO SPRINGS	66
PIKES PEAK	SOUTHERN COLORADO UNIV OF	12
PIKES PEAK	U S AIR FORCE ACADEMY	21
SAINT LOUIS	MISSOURI UNIV OF-COLUMBIA (C)	284
SAINT LOUIS	MISSOURI UNIV OF-ROLLA (C)	415
SAINT LOUIS	PARKS COLLEGE OF ST LOUIS UNIV	22
SAINT LOUIS	SOUTHERN ILLINOIS UNIV	82
SAINT LOUIS	SOUTHERN ILLINOIS UNIV-EDWARDSVILLE	34
SAINT LOUIS	WASHINGTON UNIV	112
SHREVEPORT	LETOURNEAU COLLEGE	12
SHREVEPORT	LOUISIANA TECHNOLOGICAL UNIV	96

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 5

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
SHREVEPORT	NORTHWESTERN STATE UNIV OF LOUISIANA	18
SOUTH PLAINS	TEXAS TECHNOLOGICAL UNIV	100
TULSA	*OKLAHOMA COLLEGE OF BUSINESS AND TECH	16
TULSA	OKLAHOMA STATE UNIV (C)	87
TULSA	OKLAHOMA STATE UNIV-BRANCH B	44
TULSA	TULSA UNIV OF	32
WICHITA	WICHITA STATE UNIV	26

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
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)	126
FOOTHILL	CALIFORNIA POLYTECHNIC STATE UNIV (C)	74
FOOTHILL	DEVRY INST OF TECHNOLOGY-LOS ANGELES	66
FOOTHILL	HARVEY MUDD COLLEGE	56
HAWAII	HAWAII UNIV OF	118
IDAHO	IDAHO UNIV OF	73
LAS VEGAS	NEVADA UNIV OF-LAS VEGAS	12
METRO LOS ANGELES	CALIFORNIA STATE UNIV-LOS ANGELES	165
METRO LOS ANGELES	NORTHROP UNIVERSITY	38
METRO LOS ANGELES	SOUTHERN CALIFORNIA UNIV OF	287
MONTANA	MONTANA STATE UNIV	75
NORTHERN NEVADA	NEVADA UNIV OF-RENO	40
OAKLAND-EAST BAY	CALIFORNIA STATE UNIV-FRESNO	80
OAKLAND-EAST BAY	CALIFORNIA UNIV OF-BERKELEY (C)	262
ORANGE COUNTY	CALIFORNIA STATE UNIV-FULLERTON	102
ORANGE COUNTY	CALIFORNIA UNIV OF-IRVINE	215
PHOENIX	ARIZONA STATE UNIV (C)	309
PHOENIX	ARIZONA STATE UNIV-II-CET DEPT	6
PHOENIX	DEVRY INST OF TECHNOLOGY-PHOENIX	80
PHOENIX	NORTHERN ARIZONA UNIV	37
PORTLAND	*OREGON INST OF TECHNOLOGY	49
PORTLAND	OREGON STATE UNIV	114
PORTLAND	PORTLAND STATE UNIV	70
PORTLAND	PORTLAND UNIV (C)	44
RICHLAND	WALLA WALLA COLLEGE	62
RICHLAND	WASHINGTON STATE UNIV-RICHLAND	12
SACRAMENTO	CALIFORNIA STATE UNIV-CHICO	127
SACRAMENTO	CALIFORNIA STATE UNIV-SACRAMENTO (C)	175
SACRAMENTO	CALIFORNIA UNIV OF-DAVIS	119
SACRAMENTO	PACIFIC UNIV OF THE (C)	85
SAN DIEGO	CALIFORNIA UNIV OF-SAN DIEGO (C)	98
SAN DIEGO	SAN DIEGO STATE UNIV	98
SAN FERNANDO VALLEY	CALIFORNIA STATE UNIV-NORTHRIDGE	171
SAN FERNANDO VALLEY	*LOS ANGELES PIERCE COLLEGE	40
SAN FRANCISCO	*COGSWELL COLLEGE	13
SAN FRANCISCO	SAN FRANCISCO STATE UNIV	66
SANTA BARBARA	CALIFORNIA POLY STATE UNIV-SAN LUIS (P)	76
SANTA BARBARA	CALIFORNIA UNIV OF-SANTA BARBARA (C)	276
SANTA CLARA VALLEY	*FOOTHILL COLLEGE	1
SANTA CLARA VALLEY	SAN JOSE STATE UNIV	82
SANTA CLARA VALLEY	SANTA CLARA UNIV OF (C)	152
SANTA CLARA VALLEY	STANFORD UNIV (C)	363
SANTA CLARA VALLEY	U S NAVAL POSTGRADUATE SCHOOL	40
SANTA MONICA BAY	CALIFORNIA UNIV OF-LOS ANGELES	238
SANTA MONICA BAY	LOYOLA MARYMOUNT UNIV	32
SEATTLE	SEATTLE PACIFIC UNIV	23
SEATTLE	SEATTLE UNIV	34
SEATTLE	WASHINGTON UNIV OF(C)	207
SOUTH BAY HARBOR	CALIFORNIA STATE UNIV-LONG BEACH (C)	130
SPOKANE	GONZAGA UNIV	26

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

SECTION B

REGION 6

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
SPOKANE	WASHINGTON STATE UNIV-PULLMAN (C)	92
TUCSON	ARIZONA UNIV OF	132
UTAH	BRIGHAM YOUNG UNIV	77
UTAH	BRIGHAM YOUNG UNIV-BRANCH B	38
UTAH	UTAH STATE UNIV	58
UTAH	UTAH UNIV OF (C)	88

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
PE-POWER ENGINEERING.

SECTION B

REGION 7

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
CANADIAN ATLANTIC	NOVA SCOTIA TECHNICAL UNIV OF	88
HAMILTON	MCMASTER UNIV (C)	161
HAMILTON	*MOHAWK COLLEGE OF APPLIED A AND T	16
HAMILTON	*NIAGARA COLLEGE (C)	2
KINGSTON	QUEEN'S UNIV (C)	157
KINGSTON	ROYAL MILITARY COLLEGE OF CANADA	16
KINGSTON	*SAINT LAWRENCE COLLEGE OF APPLIED A AND T	0
KITCHENER-WATERLOO	*CONESTOGA COLLEGE OF APPLIED A AND T	34
KITCHENER-WATERLOO	WATERLOO UNIV OF-STREAM A (C COM CS IT)	166
KITCHENER-WATERLOO	WATERLOO UNIV OF-STREAM B	54
LONDON	*FANSHAWE COLLEGE	70
LONDON	*SAULT COLLEGE OF APPLIED A AND T	3
LONDON	WESTERN ONTARIO UNIV OF	65
MONTREAL	CONCORDIA UNIV (C)	188
MONTREAL	ECOLE DE TECHNOLOGIE SUPERIEURE	13
MONTREAL	ECOLE POLYTECHNIQUE-UNIV OF MONTREAL	143
MONTREAL	MCGILL UNIV (C)	175
NEW BRUNSWICK	NEW BRUNSWICK UNIV OF	140
NEWFOUNDLAND-LABRADOR	NEWFOUNDLAND MEMORIAL UNIV OF	65
NORTHERN CANADA	ALBERTA UNIV OF (C)	195
OTTAWA	*ALGONQUIN COLLEGE OF APPLIED A AND T	6
OTTAWA	CARLETON UNIV (C)	137
OTTAWA	OTTAWA UNIV OF	115
QUEBEC	COLLEGE MILITAIRE ROYAL-ST JEAN	0
QUEBEC	LAVAL UNIV	75
SAINT MAURICE	QUEBEC UNIV OF-TROIS RIVIERES	36
SASKATCHEWAN	REGINA UNIV OF	65
SASKATCHEWAN	*SASKATCHEWAN TECHNICAL INST	6
SASKATCHEWAN	SASKATCHEWAN UNIV OF	145
SOUTHERN ALBERTA	CALGARY UNIV OF	117
SOUTHERN ALBERTA	*SOUTHERN ALBERTA INST OF TECHNOLOGY	1
TORONTO	CENTENNIAL COLLEGE OF APPLIED A AND T	34
TORONTO	*DEVRY INST OF TECHNOLOGY-TORONTO	68
TORONTO	*NORTHERN COLLEGE OF APPLIED A AND T	14
TORONTO	*RADIO COLLEGE OF CANADA	75
TORONTO	*RYERSON POLYTECHNIC INST	213
TORONTO	*SENECA COLLEGE OF APPLIED A AND T	47
TORONTO	TORONTO UNIV OF	181
VANCOUVER	*BRITISH COLUMBIA INST OF TECHNOLOGY	28
VANCOUVER	BRITISH COLUMBIA UNIV OF (C)	119
VICTORIA	VICTORIA UNIV OF	100
WINNIPEG	LAKEHEAD U	45
WINNIPEG	MANITOBA UNIV OF (C)	191
WINNIPEG	*RED RIVER COMMUNITY COLLEGE	73

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
 APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
 MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
 PE-POWER ENGINEERING.

SECTION B

REGION 8

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSHIP</u>
	KUWAIT UNIV	144
BENELUX	CATHOLIC U OF LOUVAIN	49
BENELUX	DELFT UNIV OF TECHNOLOGY	66
BENELUX	EINDHOVEN INST OF TECHNOLOGY	84
BENELUX	KATHOLIEKE UNIV TE LEUVEN	79
BENELUX	LIEGE UNIV AV SART TILMAN	89
BENELUX	TECHNISCHE HOGESCHOOL TWENTE	4
DENMARK	DENMARK SECTION STUDENT BRANCH	13
EGYPT	CAIRO UNIV OF	7
FINLAND	HELSINKI UNIV OF TECHNOLOGY	54
FINLAND	OULU UNIV OF	40
FINLAND	TAMPERE UNIV OF TECHNOLOGY	22
FRANCE	ECOLE NATIONAL SUPERIORE TELECOM	11
FRANCE	NATIONAL POLYTECHNIC DE GRENOBLE ENSIEG	14
GERMANY	MUNICH TECHNICAL UNIV OF	30
GERMANY	STUTTGART UNIV OF	18
GREECE	ARISTOTELIAN UNIV OF THESSALONIKA	17
GREECE	ATHENS NATIONAL TECHNICAL UNIV	72
ISRAEL	BEN GURION UNIV OF THE NEGEV	7
ISRAEL	ISRAEL INST OF TECHNOLOGY	94
ISRAEL	TEL-AVIV UNIV	29
MIDDLE AND SOUTH ITALY	FLORENCE UNIV OF	18
MIDDLE AND SOUTH ITALY	ROME UNIV OF	35
NORTH ITALY	BOLOGNA UNIV OF	23
NORTH ITALY	GENOVA UNIV OF	31
NORTH ITALY	PADOVA UNIV OF	75
NORTH ITALY	POLITECNICO DI MILANO	32
NORTH ITALY	POLITECNICO DI TORINO	19
NORTH ITALY	TRIESTE UNIV OF	29
PORTUGAL	*PORTUGAL SECTION STUDENT BRANCH	0
SPAIN	ESCUELA TEC SUP TELECOM-MADRID (C,EMB)	113
SPAIN	ESCUELA TECH SUP ING TELECOMUNICACION	72
SWEDEN	CHALMERS UNIV OF TECHNOLOGY	36
SWEDEN	LINKOPING UNIV	15
SWEDEN	LUND INST OF TECHNOLOGY	14
SWEDEN	ROYAL INST OF TECH	6
SWEDEN	UPPSALA UNIV OF	29
SWITZERLAND	ECOLE POLYTECHNIQUES FEDERALES	47
SWITZERLAND	SWISS FEDERAL INST OF TECHNOLOGY-ETH	157
UKRI	UKRI SECTION STUDENT BRANCH	98
YUGOSLAV	LJUBLJANA UNIV OF	15

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
 APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
 MEASUREMENT, MT-MICROWAVE, THEORY AND TECHNIQUES,
 PE-POWER ENGINEERING.

SECTION B

REGION 9

<u>SECTION</u>	<u>SCHOOL</u>	<u>MEMBERSH</u>
ARGENTINA	BUENOS AIRES INST TECHNOLOGICAL DE	52
ARGENTINA	BUENOS AIRES UNIV OF	167
ARGENTINA	DEL SUR UNIV DE	38
ARGENTINA	TUCUMAN NACIONAL UNIV DE	18
BAHIA	BAHIA FEDERAL UNIV DA	8
CENTRAL AMERICA	COSTA RICA UNIV DE	7
CENTRAL AMERICA	SAN CARLOS UNIV DE-GUATEMALA (C)	20
CHILE	CHILE CATOLICA UNIV DE	7
CHILE	SANTA MARIA UNIV TECNICA FEDERICO	41
CHILE	SANTIAGO UNIV DE	18
COLOMBIA	CAUCA UNIVERSIDAD DEL	23
COLOMBIA	COLOMBIA AUTONOMA UNIV DE	0
COLOMBIA	COLOMBIA UNIV NACIONAL DE	19
COLOMBIA	COLOMBIA UNIV PILOTO DE	1
COLOMBIA	DISTRITAL UNIV FRANCISCO JOSE CALDAS (C)	87
COLOMBIA	ESCUELA COLOMBIANA DE INGENIERIA	11
COLOMBIA	LOS ANDES UNIV DE (C,P)	53
COLOMBIA	*PONTIFICIA UNIV JAVERIANA	28
ECUADOR	*ESCUELA POLITECNICA NACIONAL-ECUADOR	26
EL SALVADOR	EL SALVADOR UNIV POLITECNICA DE	20
MEXICO	ESCUELA SUPERIORE ING MECANICA Y ELECTRICA	3
MEXICO	INST TEC DE ESTUDIOS SUP MONTERREY (C)	118
MEXICO	INST TECNOLOGICO REGIONAL CIUDAD JUAREZ	2
MEXICO	MEXICO NACIONAL AUTONOMA UNIV DE	16
PANAMA	PANAMA UNIV TECNOLOGICA OF	26
PERU	LIMA UNIV NACIONAL DE ING	99
PUERTO RICO & CARRIBEAN	PUERTO RICO UNIV OF	196
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	5
SAO PAULO	ESTADUAL DE CAMPINAS UNIVERSIDADE	4
SAO PAULO	ESTADUAL PAULISTA JULIO DE MESQUITA	0
SAO PAULO	MACKENZIE UNIV	14
SAO PAULO	SAO CARLOS ESCOLA DE ENG OF	11
VENEZUELAN	CARABOBO UNIV DE	93
VENEZUELAN	IUPFAN-INST UNIV POLITEC FUERZAS ARMADAS	7
VENEZUELAN	VENEZUELA CENTRAL UNIV DE	29

* 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, EM-ENGINEERING MANAGEMENT, IA-INDUSTRY
 APPLICATIONS, IT-INFORMATION THEORY, IM-INSTRUMENTATION AND
 MEASUREMENT, MTT-MICROWAVE, THEORY AND TECHNIQUES,
 PE-POWER ENGINEERING.

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)	62
BANGALORE	TRIVANDRUM COLLEGE OF ENG (C)	88
BOMBAY	BIRLA INSTITUTE OF TECHNOLOGY	81
BOMBAY	INDIAN INST OF TECHNOLOGY-BOMBAY (C)	45
BOMBAY	M S UNIV OF DARODA	13
BOMBAY	REGIONAL ENG COLLEGE-WARANGAL	39
BOMBAY	VICTORIA JUBILEE TECHNICAL INST	21
CALCUTTA	INDIAN INST OF TECHNOLOGY-KHARAGPUR	51
CALCUTTA	JADAVPUR UNIV	4
DELHI	BANARUS HINDU UNIV	40
DELHI	DELHI COLLEGE OF ENG (P)	11
DELHI	INDIAN INST OF TECH-DELHI	26
DELHI	INDIAN INST OF TECHNOLOGY-KANPUR	7
DELHI	KURUKSHETRA REGIONAL ENG COLLEGE	8
HONG KONG	CHINESE UNIV OF HONG KONG	34
HONG KONG	HONG KONG POLYTECHNIC (C)	122
HONG KONG	HONG KONG UNIV OF	73
HYDERABAD	SRI VENKATESWARA UNIV	44
HYDERABAD	VISVESVARAYA REGIONAL COLLEGE OF ENG	54
KARACHI	NED UNIV OF ENG AND TECH	19
KERALA	COCHIN UNIV OF (C)	12
KERALA	N S S COLLEGE OF ENG	39
KERALA	PONDICHERRY ENG COLLEGE	22
KERALA	REGIONAL ENGINEERING COLLEGE-CALICUT	21
KERALA	T K M COLLEGE OF ENG	11
KOREA	HANYANG UNIV (CAS, C, COM, ED)	61
KOREA	KOREA ADVANCED INST OF SCIENCE	179
KOREA	KOREA UNIV	16
KOREA	SEOUL NATIONAL UNIVERSITY	115
KOREA	YONSEI UNIV	28
MADRAS	ALAGAPPA CHETTIAR COLLEGE OF ENG AND TECH	21
MADRAS	ANNA UNIV-COLLEGE OF ENG-MADRAS (C)	71
MADRAS	ANNAMALAI UNIV	0
MADRAS	COIMBATORE INST OF TECHNOLOGY	58
MADRAS	GOVERNMENT COLLEGE OF ENG-SALEM	7
MADRAS	INDIAN INST OF TECHNOLOGY-MADRAS (C)	44
MADRAS	MADRAS INST OF TECHNOLOGY (C,IM)	37
MADRAS	MANIPAL INST OF TECHNOLOGY	78
MADRAS	MARUTHI COLLEGE OF ENG	1
MADRAS	PSG COLLEGE OF TECH	183
MADRAS	REG ENG COLLEGE-TIRUCH (C,COM,PE,EM,EMB)	404
MADRAS	THIAGARAJAR COLLEGE OF ENG-MADURAI	23
PAKISTAN	LAHORE UNIV OF ENG AND TECH	4
PHILIPPINES	PHILIPPINES UNIV OF (C)	12
SINGAPORE	NANYANG TECHNOLOGICAL INSTITUTE	413
SINGAPORE	SINGAPORE NATIONAL UNIV OF	211
THAILAND	CHULALONGKORN UNIVERSITY	27
TOKYO	OSAKA UNIV	22
TOKYO	SHIZUOKA UNIV	22
TOKYO	TOKYO UNIV OF	33

* IEEE LESS THAN FOUR YEAR STUDENT BRANCH.

TABLE I - SOCIETIES/COUNCILS BY DIVISIONDivision 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
---------	----------

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
-------	-------------------

Division VIII - Computer B*

COMP-16	Computer
---------	----------

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.

TABLE 2 - SOCIETY MEMBERSHIP, BY DIVISION, BY SOCIETY, BY GRADE, DECEMBER 31, 1986 3-YEAR COMPARISON, MEMBERS AND AFFILIATES

SOCIETY CODE	HM	F	SM	M	VOTING MEMBERS SUBTOTAL	A	HIGHER GRADE SUBTOTAL	S	1986 TOTAL MEMBERS	1986 TOTAL AFFIL.	1986 MEMBERS & AFFIL.	1985 MEMBERS & AFFIL.	1984 MEMBERS & AFFIL.
DIVISION I													
CAS -04		291	778	8,878	9,947	707	10,654	2,643	13,297	10	13,307	13,383	12,538
CHMT-21		70	350	2,722	3,142	353	3,495	354	3,849	14	3,863	3,796	3,496
ED -15		376	921	7,016	8,313	450	8,763	1,197	9,960	2	9,962	9,916	9,455
LED -36		164	423	3,397	3,984	333	4,317	1,915	6,232	90	6,322	4,388	3,914
DIVISION II													
DEI -32		86	370	1,194	1,650	151	1,801	79	1,880	12	1,892	1,804	1,771
IA -34		188	1,657	7,874	9,719	595	10,314	401	10,715	3	10,718	11,355	11,479
IM -09		142	488	3,926	4,556	486	5,042	451	5,493	3	5,496	5,550	5,599
DIVISION III													
BT -02		86	288	1,667	2,041	355	2,396	282	2,678	1	2,679	2,808	3,096
CE -08		94	392	3,971	4,457	554	5,011	797	5,808	4	5,812	5,866	6,231
COMM-19		456	1,952	18,496	20,904	1,553	22,457	3,453	25,910	171	26,081	23,421	21,606
UT -06		77	343	1,736	2,156	209	2,365	195	2,560	4	2,564	2,529	2,454
DIVISION IV													
AP -03		277	914	4,837	6,028	346	6,374	1,132	7,506	1	7,507	6,963	6,452
EMC -27		98	391	2,092	2,581	252	2,833	128	2,961	3	2,964	2,832	2,721
MAG -33		122	452	2,397	2,971	316	3,287	195	3,482	106	3,588	3,482	3,285
MTT -17		318	961	6,290	7,569	463	8,032	1,413	9,445	19	9,464	8,718	8,067
NPS -05		125	368	1,913	2,406	182	2,588	279	2,867	190	3,057	3,008	2,989
DIVISIONS V & VIII													
COMP-16	1	608	3,232	53,802	57,643	5,583	63,226	11,636	74,862	15,116	89,978	89,578	84,579
	1	608	3,232	53,802	57,643	5,583	63,226	11,636	74,862	15,116	89,978	89,578	84,579
DIVISION VI													
E -25		176	508	1,416	2,100	186	2,286	220	2,506	5	2,511	2,445	2,365
EM -14		114	795	6,235	7,144	540	7,684	653	8,337	81	8,418	8,550	8,482
PC -26		26	250	1,795	2,071	299	2,370	193	2,563	83	2,646	2,656	2,574
R -07		69	427	2,887	3,383	339	3,722	151	3,873	10	3,883	3,845	3,800
SIT -30		103	329	1,815	2,247	203	2,450	278	2,728	5	2,733	2,930	3,218
DIVISION VII													
PE -31		593	4,083	15,297	19,973	992	20,965	1,088	22,053	5	22,058	21,286	21,263
		593	4,083	15,297	19,973	992	20,965	1,088	22,053	5	22,058	21,286	21,263
DIVISION IX													
AES -10		267	947	6,542	7,756	525	8,281	1,463	9,744	8	9,752	8,502	7,206
ASSP-01		267	843	9,263	10,373	655	11,028	2,612	13,640	11	13,651	12,553	11,766
GRS -29		68	238	1,452	1,758	170	1,928	274	2,202	41	2,243	2,130	2,011
DE -22		92	288	1,391	1,771	168	1,939	245	2,184	14	2,198	2,230	2,339
UFFC-20		88	264	1,611	1,963	142	2,105	221	2,326	7	2,333	2,352	2,279
DIVISION X													
CS -23		200	669	6,643	7,512	507	8,019	1,786	9,805	14	9,819	9,820	9,866
EMB -18		139	489	4,406	5,034	436	5,470	1,477	6,947	59	7,006	7,026	7,235
IE -13		92	447	3,968	4,507	473	4,980	499	5,479	0	5,479	5,334	4,969
IT -12		227	439	3,240	3,906	265	4,171	887	5,058	8	5,066	4,960	4,805
SMC -28		130	374	2,703	3,207	259	3,466	721	4,187	33	4,220	4,269	4,373
TOTAL SOCIETY MEMBERS													
	1	2,719	14,034	119,470	136,224	10,752	146,976	22,951	169,927	16,014	185,941	179,466	170,345
TOTAL SOCIETY MEMBERSHIPS													
	1	6,229	25,670	202,872	234,772	19,047	253,819	39,318	293,137	16,133	309,270	300,285	289,333

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1986

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 01										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
BERKSHIRE	144	98	28	9	6	0	2	0	0	0
BINGHAMTON	334	344	83	33	19	3	7	0	0	0
BOSTON (CNEC)	3573	3922	1697	772	322	139	163	5	2	1
BUFFALO	600	320	112	46	31	12	8	1	0	0
CONNECTICUT	1975	1351	556	242	89	41	37	0	0	0
ITHACA	168	109	76	50	25	10	6	0	0	0
LONG ISLAND (METSAC)	2281	1138	450	203	83	37	45	4	2	0
MAINE	296	150	58	29	10	2	9	0	0	0
MID-HUDSON	598	459	207	77	27	11	11	0	0	0
MOHAWK VALLEY	418	190	91	45	20	9	11	0	0	0
NEW HAMPSHIRE (CNEC)	618	602	201	87	43	17	16	0	0	0
NEW JERSEY COAST	1025	929	464	194	63	17	27	3	1	0
NEW YORK (METSAC)	3323	2018	958	408	175	92	106	2	0	1
NORTH JERSEY (METSAC)	2622	1695	811	289	151	61	48	1	0	0
PRINCETON (METSAC)	1272	899	433	196	70	36	29	1	0	1
PROVIDENCE (CNEC)	670	486	224	84	36	17	14	0	0	0
ROCHESTER	594	514	201	61	26	15	11	1	0	0
SCHENECTADY	484	528	217	113	38	18	14	0	0	1
SPRINGFIELD	226	205	91	43	28	6	8	0	0	0
SYRACUSE	368	362	164	70	27	22	9	0	0	0
VERMONT	259	135	123	36	19	1	3	0	0	0
WORCESTER COUNTY (CNEC)	310	395	150	58	20	11	8	0	0	0
TOTAL REGION 01	22158	16849	7395	3145	1328	577	592	18	5	4

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 02										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AKRON	261	215	75	16	10	1	3	2	0	0
ALLEGHENY MOUNTAIN	49	15	4	5	1	0	0	0	0	0
BALTIMORE	1637	1373	507	249	93	36	38	2	0	1
CANTON	131	79	20	10	4	0	1	0	0	0
CENTRAL PENNSYLVANIA	342	179	90	33	13	6	5	0	0	0
CINCINNATI	360	312	108	44	13	7	8	1	0	0
CLEVELAND	867	609	205	113	40	20	20	0	0	1
COLUMBUS	697	635	257	108	41	13	16	0	0	0
DAYTON	691	502	212	100	38	16	15	0	0	0
DELAWARE BAY	191	157	61	33	10	12	2	0	0	0
EASTERN SHORE	94	44	13	5	2	2	0	0	0	0
ERIE	134	60	30	7	2	0	1	0	0	0
JOHNSTOWN	119	52	12	10	7	2	0	0	0	0
LEHIGH VALLEY	766	403	247	102	36	15	13	0	0	0
LIMA	163	32	15	4	3	1	0	0	0	0
NORTH CENTRAL OHIO	44	31	13	3	0	0	0	0	0	0
NORTHERN VIRGINIA (NCAC)	1830	1848	790	328	144	63	87	5	0	0
OHIO VALLEY	45	18	6	0	0	0	0	0	0	0
PHILADELPHIA	2738	1966	798	332	119	66	85	0	0	2
PITTSBURGH	1241	1112	405	179	57	27	23	1	0	0
SHARON	177	52	31	11	1	1	1	0	0	0
SOUTHERN NEW JERSEY	92	71	18	4	1	0	1	0	0	0
SUSQUEHANNA	349	215	71	26	18	6	8	0	0	0
WASHINGTON (NCAC)	2439	2174	986	425	179	73	78	3	2	1
WEST VIRGINIA	125	48	15	5	0	0	1	0	0	0
TOTAL REGION 02	15582	12202	4989	2152	832	367	406	14	2	5

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1986

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 03										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ALABAMA	758	462	129	56	12	11	4	0	0	0
ATLANTA	1261	1147	499	208	99	41	29	2	0	0
BATON ROUGE	236	121	43	17	9	0	1	0	0	0
BROWARD (FC)	325	259	74	25	18	8	11	0	0	0
CANAVERAL (FC)	158	83	23	7	6	2	2	0	0	0
CENTRAL GEORGIA	147	98	28	9	5	1	3	0	0	0
CENTRAL NORTH CAROLINA (NCC)	180	75	32	13	3	2	3	0	0	0
CENTRAL SAVANNAH RIVER (SCC)	120	56	20	9	3	2	2	0	0	0
CENTRAL VIRGINIA (VC)	343	184	78	42	13	6	7	2	0	0
CHARLOTTE (NCC)	429	352	94	30	5	7	1	0	0	0
CHATTANOOGA (TC)	203	148	32	4	2	4	1	0	0	0
COASTAL SOUTH CAROLINA (SCC)	234	107	43	15	3	1	4	0	0	0
COLUMBIA (SCC)	220	171	46	24	9	5	2	0	0	0
DAYTONA (FC)	125	66	26	3	3	0	0	0	0	0
EAST TENNESSEE (TC)	540	224	79	26	10	5	5	0	0	0
EASTERN NORTH CAROLINA (NCC)	950	775	352	165	56	22	19	0	0	0
EVANSVILLE-OWENSBORO	210	73	26	18	5	5	2	0	0	0
FLORIDA WEST COAST (FC)	1062	702	193	72	30	18	21	0	1	0
FORT WALTON (FC)	112	39	20	10	3	1	2	0	0	0
GAINESVILLE (FC)	189	151	65	33	20	4	6	0	0	0
HAMPTON ROADS (VC)	503	272	70	40	18	5	8	0	0	0
HUNTSVILLE	549	455	152	75	28	14	15	2	0	0
JACKSONVILLE (FC)	128	83	24	8	2	1	2	0	0	0
JAMAICA	41	23	24	12	7	7	2	0	0	0
LEXINGTON	177	85	40	18	7	3	1	0	0	0
LOUISVILLE	398	103	42	20	1	6	3	0	0	0
MEMPHIS (TC)	312	143	39	17	7	3	3	2	1	0
MIAMI (FC)	462	414	117	47	8	10	11	0	0	0
MIDDLE TENNESSEE (TC)	86	36	8	4	2	1	1	0	0	0
MISSISSIPPI	276	152	64	17	9	2	2	0	0	0
MOBILE	146	60	20	2	3	2	1	0	0	0
NASHVILLE (TC)	458	176	60	28	12	9	4	0	0	0
NEW ORLEANS	439	291	93	26	11	1	6	0	0	0
OAK RIDGE (TC)	96	68	18	11	2	2	2	0	0	0
ORLANDO (FC)	585	379	171	57	16	12	12	0	0	1
PALM BEACH (FC)	434	333	122	29	21	9	4	0	0	0
PENSACOLA (FC)	69	37	12	5	0	1	0	0	0	0
PIEDMONT (SCC)	330	209	83	26	9	5	3	0	0	0
RICHMOND (VC)	268	211	72	18	9	4	1	0	0	0
SAVANNAH	57	25	4	1	1	2	0	0	0	0
SO BREVARD INDIAN RIVER (FC)	338	310	157	83	22	10	8	1	0	0
TALLAHASSEE AREA (FC)	114	80	28	15	10	4	1	0	0	0
TRI CITIES (TC)	101	103	36	8	3	6	1	0	0	0
VIRGINIA MOUNTAIN (VC)	368	233	92	45	14	8	4	0	0	0
WESTERN NORTH CAROLINA (NCC)	108	64	23	5	3	1	1	0	1	0
WINSTON-SALEM (NCC)	117	78	12	6	5	1	1	0	0	0
TOTAL REGION 03	14762	9716	3485	1409	544	274	222	9	3	1

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1986

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 04										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ARROWHEAD	154	67	16	1	4	0	2	0	0	0
CALUMET	353	135	78	18	14	6	3	0	0	0
CEDAR RAPIDS	297	166	71	26	11	2	1	0	0	0
CENTRAL ILLINOIS	463	417	168	110	38	24	13	0	0	0
CENTRAL INDIANA	728	650	250	140	48	20	12	0	0	0
CENTRAL IOWA	304	274	57	26	10	5	3	0	0	0
CHICAGO	2533	2307	914	398	167	85	76	1	0	0
FORT WAYNE	264	168	65	25	9	6	3	0	0	0
ILLINOIS VALLEY	113	58	17	9	7	3	2	0	0	0
IOWA-ILLINOIS	125	95	17	10	6	0	3	0	0	0
MADISON	181	285	102	41	14	6	9	0	0	0
MICHIANA	282	89	56	19	10	4	5	0	0	0
MILWAUKEE	761	781	268	117	64	25	31	2	0	0
MISSOURI SLOPE	33	30	8	3	2	0	0	0	0	0
NEBRASKA	383	262	123	34	15	4	4	1	0	0
NORTHEAST MICHIGAN	214	123	57	19	3	6	7	0	0	0
NORTHEASTERN WISCONSIN	366	249	83	38	14	4	2	0	0	0
RIOUX RIVER VALLEY	148	93	38	17	6	2	5	0	0	0
SIOUXLAND	122	57	15	8	2	0	0	0	0	0
SOUTHEASTERN MICHIGAN	1614	1377	533	299	134	42	43	0	0	0
SOUTHERN MINNESOTA	259	132	34	14	5	4	4	0	0	0
TOLEDO	327	150	61	24	10	3	3	0	0	0
TWIN CITIES	1309	1271	526	252	107	40	39	5	0	0
WEST MICHIGAN	303	202	68	26	5	3	3	0	1	0
TOTAL REGION 04	11636	9438	3625	1674	705	294	273	9	1	0

NUMBER OF IEEE SOCIETY MEMBERSHIPS

REGION 05										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ARKANSAS	210	134	35	16	2	0	1	0	0	0
BEAUMONT	172	45	13	7	5	0	3	0	0	0
CENTRAL TEXAS	723	1064	384	195	76	33	31	0	0	1
CORPUS CHRISTI	162	96	29	11	4	1	4	0	0	0
DALLAS	1652	1531	663	292	130	49	59	3	0	0
DENVER	1587	1314	540	244	99	48	51	0	0	0
EL PASO	338	104	53	32	10	4	7	0	0	0
FORT WORTH	714	580	228	100	44	25	19	0	0	0
GALVESTON BAY	284	234	81	21	8	2	2	0	0	0
HOUSTON	1460	1162	448	222	89	29	31	0	0	0
KANSAS CITY	909	485	180	73	27	24	14	0	0	0
LAFAYETTE	233	112	14	7	4	1	1	0	0	0
OKLAHOMA CITY	308	182	62	35	11	1	7	0	0	0
OZARK	104	48	15	13	1	4	3	0	0	0
PANHANDLE	79	44	8	4	2	0	0	0	0	0
PERMIAN BASIN	50	26	4	5	2	3	1	0	0	0
PIKES PEAK	374	235	175	79	37	14	13	0	0	0
SAINT LOUIS	1721	926	335	162	59	27	23	0	0	0
SHREVEPORT	248	110	36	12	2	3	0	0	0	0
SOUTH PLAINS	144	48	28	11	6	3	5	0	0	0
TULSA	381	208	88	32	14	7	7	0	0	0
WICHITA	202	165	50	20	8	5	3	0	1	0
TOTAL REGION 05	12055	8853	3469	1593	640	283	285	3	1	1

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1986

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 06										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ALAMOGORDO-HOLLOMAN	31	14	4	1	1	0	2	0	0	0
ALASKA	140	95	33	18	8	1	1	1	0	0
ALBUQUERQUE	518	371	207	99	38	18	14	1	0	0
BOISE	79	77	20	9	5	2	2	0	0	0
BUENAVENTURA (LAC)	474	354	194	92	39	15	13	0	1	0
CHINA LAKE (LAC)	136	101	34	16	6	2	2	0	0	0
EASTERN MONTANA	34	15	5	1	0	0	0	0	0	0
FOOTHILL (LAC)	646	462	149	82	45	19	14	0	0	0
FORT HUACHUCA	57	35	23	8	4	0	3	0	0	0
HAWAII	486	152	63	22	7	1	10	0	0	0
IDAHO	62	36	26	9	1	1	0	0	0	0
LAS VEGAS	123	58	23	7	8	4	0	0	0	0
LOS ALAMOS	101	73	39	22	8	2	7	0	0	0
METROPOLITAN LOS ANGELES (LAC)	412	405	161	88	34	18	11	1	0	0
MONTANA	136	60	15	8	1	0	4	0	0	0
NORTHERN NEVADA	126	88	28	17	4	1	3	0	0	0
OAKLAND-EAST BAY (SFBAC)	998	1259	552	264	119	47	55	0	0	0
ORANGE COUNTY (LAC)	1963	1550	625	290	130	59	55	1	0	1
PHOENIX	1421	997	488	205	71	19	23	5	1	0
PORTLAND	800	907	368	143	54	26	17	3	0	0
RICHLAND	189	86	27	19	6	2	2	0	0	0
SACRAMENTO	786	598	202	95	30	12	13	0	0	0
SAN DIEGO	1165	1099	464	239	107	54	65	2	0	0
SAN FERNANDO VALLEY (LAC)	1002	741	359	134	52	33	16	2	0	1
SAN FRANCISCO (SFBAC)	670	773	274	128	45	19	34	1	0	0
SAN GABRIEL VALLEY (LAC)	419	440	177	109	43	23	19	2	0	0
SANTA BARBARA (LAC)	417	256	141	75	40	18	11	1	0	0
SANTA CLARA VALLEY (SFBAC)	2944	3973	2318	1125	490	194	179	4	0	1
SANTA MONICA BAY (LAC)	566	572	286	169	62	30	38	1	0	1
SEATTLE	1283	1251	488	200	96	39	40	1	0	0
SOUTH BAY HARBOR (LAC)	1030	968	496	246	79	41	47	1	0	0
SPOKANE	269	132	56	32	7	8	2	1	0	0
TUCSON	337	252	130	49	26	8	11	1	0	0
UTAH	456	365	147	81	26	6	11	1	0	0
VANDENBERG	71	64	26	5	3	3	1	0	0	0
WENATCHEE	36	33	4	0	1	1	0	0	0	0
TOTAL REGION 06	20383	18712	8652	4107	1696	726	725	30	2	4

SECTION C

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1986

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 07										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
CANADIAN ATLANTIC (ECC)	143	93	32	21	11	4	5	0	0	0
HAMILTON (CCC)	279	179	81	46	26	8	6	0	0	0
KINGSTON (CCC)	129	102	45	18	11	1	1	0	0	0
KITCHENER-WATERLOO (CCC)	121	173	96	45	27	6	9	0	0	0
LONDON (CCC)	251	100	53	20	7	5	8	0	0	0
MONTREAL (ECC)	838	927	356	164	76	49	36	4	0	2
N SASKATCHEWAN (WCC)	164	50	30	16	3	4	7	0	0	0
NEW BRUNSWICK (ECC)	201	65	18	11	6	2	4	0	0	0
NEWFOUNDLAND-LABRADOR (ECC)	81	29	10	9	2	1	2	0	0	0
NORTHERN CANADA (WCC)	228	227	112	55	25	15	13	1	0	0
OTTAWA (ECC)	675	703	331	145	62	18	41	1	0	0
PETERBOROUGH (CCC)	40	35	22	3	5	1	4	0	0	0
QUEBEC (ECC)	82	65	26	16	6	5	5	0	0	0
S SASKATCHEWAN (WCC)	138	50	25	10	6	6	3	0	0	0
SAINT MAURICE (ECC)	18	17	11	11	2	0	1	0	0	0
SOUTHERN ALBERTA (WCC)	225	201	91	42	28	14	16	0	0	0
TORONTO (CCC)	1322	1061	498	224	99	62	74	1	0	0
VANCOUVER (WCC)	392	415	150	64	33	9	25	0	1	1
VICTORIA (WCC)	92	81	37	17	9	7	5	0	0	0
WINNIPEG (WCC)	385	250	92	47	20	11	17	1	0	0
TOTAL REGION 07	5804	4823	2116	984	464	228	282	8	1	3

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 08										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
AUSTRIA	17	57	25	19	20	8	18	0	0	0
BENELUX	380	503	282	166	75	38	68	9	0	0
DENMARK	28	87	73	50	23	20	26	1	0	0
EAST AFRICA	53	38	22	13	3	0	4	1	0	0
EGYPT	37	120	73	31	9	11	10	1	0	1
FINLAND	46	107	90	38	20	15	23	1	0	0
FRANCE	230	336	195	103	47	27	87	8	3	1
GERMANY (WEST)	221	570	329	181	99	46	93	5	1	0
GREECE	82	118	81	54	31	18	27	0	0	0
IRAN	37	55	26	33	20	16	26	0	0	0
ISRAEL	220	252	150	61	34	18	21	3	3	1
MIDDLE & SOUTH ITALY	55	148	94	45	29	18	43	4	1	1
NIGERIA	47	31	16	10	5	0	4	1	0	0
NORTH ITALY	211	335	161	86	39	27	54	5	2	2
NORWAY	36	95	65	23	17	14	27	2	0	0
POLAND	7	48	20	13	1	3	2	0	0	0
PORTUGAL	20	97	52	17	10	1	14	1	0	0
SAUDI ARABIA	181	199	133	52	21	12	26	0	0	0
SOUTH AFRICA	48	69	58	36	24	13	17	1	0	0
SPAIN	97	249	166	92	70	30	87	8	1	2
SWEDEN	78	194	132	74	49	28	64	6	2	0
SWITZERLAND	288	417	278	133	82	20	60	0	0	0
UNITED KINGDOM & REP IRELAND	718	918	496	238	100	72	64	1	0	0
YUGOSLAV	10	89	75	56	31	9	17	2	0	0
COUNTRIES OUTSIDE SECTION	381	309	177	108	34	27	36	1	0	0
TOTAL REGION 08	3528	5441	3269	1732	893	491	918	61	13	8

TABLE 4 - NUMBER OF IEEE SOCIETY MEMBERSHIPS HELD BY IEEE MEMBERS,
BY REGION, BY SECTION, DECEMBER 31, 1986

NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 09										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
ARGENTINA	218	228	141	60	32	19	45	3	0	0
BAHIA (BC)	19	21	12	10	1	4	4	0	0	0
BRAZILIA (BC)	2	22	7	0	3	2	2	0	0	0
CENTRAL AMERICA (CAPC)	17	12	5	1	4	0	2	0	0	0
CHILE	118	177	58	25	8	6	4	0	0	0
COLOMBIA	75	182	98	45	17	12	13	0	0	0
COSTA RICA (CAPC)	27	21	6	3	4	2	1	0	0	0
ECUADOR	12	27	25	20	6	5	7	1	0	0
EL SALVADOR (CAPC)	130	28	10	5	2	0	0	0	0	0
GUATEMALA (CAPC)	76	22	6	3	0	0	0	0	0	0
MEXICO (MC)	223	261	95	45	20	15	22	0	1	0
MONTERREY (MC)	98	56	25	12	11	3	1	0	0	0
PANAMA (CAPC)	49	69	25	9	2	2	2	0	0	0
PERU	141	106	67	36	16	5	10	0	0	0
PUERTO RICO & CARIBBEAN	408	202	82	48	15	6	9	0	0	0
RIO DE JANEIRO (BC)	20	90	36	19	15	1	6	0	0	0
SAO PAULO (BC)	108	131	51	33	21	18	8	0	0	0
VENEZUELAN	145	88	65	66	19	16	4	0	0	0
COUNTRIES OUTSIDE SECTION	12	20	7	7	3	0	3	0	0	0
TOTAL REGION 09	1898	1763	821	447	199	116	143	4	1	0
NUMBER OF IEEE SOCIETY MEMBERSHIPS										
REGION 10										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
BANGALORE (AIC)	196	143	36	11	4	1	7	0	0	0
BEIJING	44	78	29	9	8	2	3	0	1	0
BOMBAY (AIC)	362	209	69	29	13	5	14	2	0	0
CALCUTTA (AIC)	93	92	31	15	7	2	3	0	0	0
DELHI (AIC)	198	200	62	20	9	3	7	1	0	0
HONG KONG	668	632	207	89	43	18	30	1	0	0
HYDERABAD (AIC)	140	82	20	6	1	0	4	0	0	0
KARACHI	63	37	13	4	6	3	0	0	0	0
KERALA (AIC)	290	120	24	8	2	0	0	0	1	0
KHARAGPUR (AIC)	13	30	10	6	1	0	0	0	0	0
KOREA	47	305	255	176	100	57	93	6	2	4
MADRAS (AIC)	690	317	56	31	10	4	3	1	0	2
MALAYSIA	112	114	45	17	12	5	5	0	0	0
NEW SOUTH WALES (AUS/C)	181	319	187	112	62	31	41	0	0	0
NEW ZEALAND NORTH (NZC)	38	52	26	13	6	2	1	0	0	0
NEW ZEALAND SOUTH (NZC)	81	60	32	14	6	3	4	0	0	0
PAKISTAN	98	53	10	3	3	2	2	0	0	0
QUEENSLAND (AUS/C)	76	101	62	49	33	13	10	0	0	0
REPUBLIC OF THE PHILIPPINES	26	48	22	8	5	2	6	0	0	0
SINGAPORE	812	486	205	100	39	13	23	0	0	0
SOUTH AUSTRALIA (AUS/C)	16	43	36	19	8	4	7	0	0	0
TAIPEI	106	197	118	72	51	32	30	1	0	0
THAILAND	33	56	31	18	9	10	10	1	0	1
TOKYO	353	1697	1220	585	281	135	248	30	7	17
VICTORIAN (AUS/C)	97	245	175	104	44	24	28	1	0	0
WESTERN AUSTRALIA (AUS/C)	55	69	30	19	8	10	4	0	0	0
COUNTRIES OUTSIDE SECTION	87	97	53	28	9	5	12	1	0	0
TOTAL REGION 10	4975	5882	3064	1565	780	386	595	45	11	24
NUMBER OF IEEE SOCIETY MEMBERSHIPS										
SECTION	0	1	2	3	4	5	6-15	16-25	26-32	ALL
TOTAL ALL REGIONS	112781	93679	40885	18808	8081	3742	4441	201	40	50

SECTION C

Table 5 - IEEE Chapters - as of 12/31/86

<u>Code</u>	<u>Society Name</u>	<u>No of Chapters</u>	<u>Section/Council Location</u>		
AES-10	Aerospace & Electronic Systems	33	Atlanta	Huntsville	Saint Louis
			Baltimore	India Council	San Diego
			Central New Eng- land Council	Israel	Santa Clara Valley
			Central Texas	Long Island	Seattle
			Cleveland	Los Angeles Council	South Africa
			Dayton	Mohawk Valley	Southeastern Michigan
			Denver	New Jersey Coast	Spain
			Florida West Coast	NY/North Jersey	Syracuse
			Fort Wayne	Orlando	Toronto
			Fort Worth	Ottawa	Vancouver
			Houston	Philadelphia	Washington/No Virginia
				Rochester	
AP-03	Antennas & Propagation	45	Albuquerque	Los Angeles Council	South Africa
			Atlanta	Middle & South Italy	South Brevard-Indian River
			Baltimore	Montreal	Southeastern Michigan
			Benelux	New Jersey Coast	Seattle
			Central New Eng- land Council	North Jersey	Spain
			Chicago	Oakland East Bay	Spokane
			Columbus	Orlando	Sweden
			Dallas	Ottawa	Switzerland
			Dayton	Philadelphia	Syracuse
			Denver	Phoenix	Tokyo
			Houston	Princeton	Tucson
			Huntsville	Rio de Janeiro	Utah
			Israel	San Francisco	Vancouver
			Kitchener-Waterloo	Saint Louis	Washington/No Virginia
			Long Island/NY	San Diego	
				Santa Clara Valley	
ASSP-01	Acoustics, Speech & Signal Processing	30	Atlanta	Kitchener-Waterloo	San Diego
			Boston	Milwaukee	Santa Clara Valley
			Central Pennsylvania	Montreal	Schenectady
			Connecticut	Northern Virginia	Southeastern Michigan
			Chicago	North Jersey	Spain
			Cleveland	Oakland-East Bay	Switzerland
			Dallas	Orange County	Tokyo
			Florida West Coast	Philadelphia	Twin Cities
			France	Pittsburgh	Vancouver
			Houston	Quebec	Washington
BT-02	Broadcast Technology	9	Chicago	Ottawa	Toronto
			Cleveland	Philadelphia	Washington/Northern Virginia
			Florida West Coast	Tokyo	
			New York		
CAS-04	Circuits & Systems	31	Canton	Kitchener-Waterloo	Sacramento
			Central Indiana	Los Angeles Council	Santa Clara Valley
			Central New Eng- land Council	Mid-Hudson	Seattle
			Chicago	Montreal	Southeastern Michigan
			Cleveland	New Jersey Coast	Spokane
			Dallas/Fort Worth	Ottawa	Syracuse
			Fort Wayne	Philadelphia	Switzerland
			Hamilton	Phoenix	Tokyo
			Houston	Pikes Peak	Twin Cities
			India Council	Portland	United Kingdom & the Republic of Ireland
				Princeton	

SECTION C

Table 5 - IEEE Chapters - as of 12/31/86

CE-08	Consumer Electronics	10	Chicago Cleveland Florida West Coast New York	Ottawa Philadelphia Princeton Tokyo	Toronto Washington/Northern Virginia
COMM-19	Communications	71	Alabama Atlanta Baltimore Canton Central Illinois Central New Eng- land Council Central Texas Charlotte Chicago Columbus Dallas Denver Eastern NC/ Western NC/ Central NC/ Winston-Salem Florida West Coast Fort Huachuca Fort Wayne France Hamilton Houston India Council Israel Kansas City	Kitchener-Waterloo Long Island Los Angeles Council Maine Mexico Miami Milwaukee Mohawk Valley Montreal New Hampshire New Jersey Coast New Orleans New South Wales New York North Jersey Orlando Ottawa Peru Philadelphia Pittsburgh Phoenix Portland Princeton Puerto Rico & Caribbean	Rochester Sacramento Saint Louis San Diego Santa Clara Valley San Francisco Saskatchewan Schenectady Seattle Singapore South Africa Southeastern Michigan Spain Sweden Switzerland Syracuse Tokyo Toronto Tucson Twin Cities Vancouver Venezuela Victorian Winnipeg Washington/No Virginia
CHMT-21	Components, Hybrids & Manufacturing Technology	12	Central New Eng- land Council Chicago Dayton Lehigh Valley	Los Angeles Council New Jersey Coast NY/Long Island/ North Jersey Philadelphia	Portland Santa Clara Valley Tokyo Washington/No Virginia
CS-23	Control Systems	40	Baltimore Bangalore Buffalo Central New Eng- land Council Chicago Chile Cleveland Columbus Dallas Dayton Denver Fort Worth Hamilton	Huntsville India Council Kitchener-Waterloo Long Island/NY Mexico Milwaukee New Jersey Coast North Jersey Northern Virginia Philadelphia Phoenix Pittsburgh Portland Sacramento	San Diego Santa Clara Valley Schenectady Singapore Southeastern Michigan Spokane Tokyo Toledo United Kingdom & the Republic of Ireland Vancouver Virginia Mountain Washington Wichita

SECTION C

Table 5 - IEEE Chapters -- as of 12/31/86

COMP-16	Computer	118	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 China Lake 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 Germany (West) Hamilton Hampton Roads Hong Kong Houston Huntsville Illinois Valley Israel Kerala Kitchener-Waterloo Korea Lehigh Valley Louisville 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 South Wales 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
DEI-32	Dielectrics & Electrical Insulation	4	Bay of Quinte/ Hamilton/ Kitchener-Waterloo/ London/Toronto	Montreal/Ottawa Tokyo	Vancouver
Ed-25	Education	7	Central New Eng- land Council Hamilton	Los Angeles Council Mexico Tokyo	United Kingdom & the Republic of Ireland Utah
EMC-27	Electromagnetic Compatibility	25	Albuquerque Atlanta Baltimore Central New Eng- land Council Central Texas Chicago Dayton Dallas/Fort Worth	Denver Denver (Littleton) Los Angeles Council Long Island/NY Mohawk Valley New Jersey Coast Orange County Ottawa Philadelphia	Phoenix San Diego Santa Clara Valley Seattle Tokyo Tucson Twin Cities Washington/No Virginia

SECTION C

Table 5 - IEEE Chapters - as of 12/31/86

ED-15	Electron Devices	38	Albuquerque Central Illinois Central New Eng- land Council Chicago Cleveland Dallas Dayton Houston India Council 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	Rio de Janeiro Rochester Saint Louis Santa Clara Valley Schenectady Southeastern Michigan Spokane Switzerland Syracuse Tokyo Twin Cities Utah Washington/No Virginia
EM-14	Engineering Management	36	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 Toronto Tri-Cities Washington/No Virginia
EMB-18	Engineering in Medicine & Biology	38	Atlanta Baltimore 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/No 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	19	Arkansas Bangalore Beaumont Chicago Chile Cleveland Connecticut	India Council Israel Lehigh Valley Los Angeles Council Mexico Milwaukee Santa Clara Valley	Schenectady Tokyo Toledo Vancouver Virginia Mountain

SECTION C

Table 5 - IEEE Chapters - as of 12/31/86

IA-34	Industry Applications	65	Akron	Hong Kong	Pittsburgh						
			Alabama	Houston	Portland						
			Atlanta	India Council	Rochester						
			Baltimore	Israel	Saint Louis						
			Bangalore	Los Angeles Council	San Francisco						
			Baton Rouge	Madras	Saskatchewan						
			Buffalo	Maine	Sao Paulo						
			Calumet	Mexico	Schenectady						
			Central Illinois	Miami	Seattle						
			Central New Eng- land Council	Middle Tennessee	Southern Alberta						
			Chicago	Milwaukee	Southeastern Michigan						
			Cincinnati	Montreal	Spokane						
			Cleveland	North Jersey	Syracuse						
			Columbus	NY/Long Island	Tokyo						
			Connecticut	New Zealand North	Toledo						
			Dallas	Orange County	Toronto						
			Dayton	Oakland-East Bay	Tulsa						
			Delaware Bay	Oklahoma City	Twin Cities						
			Denver	Orlando	Vancouver						
			Eastern N Carolina	Panama	Virginia Mountain						
			Hamilton	Philadelphia	Washington/No Virginia						
				Phoenix	Wichita						
			<hr/>								
			IT-12	Information Theory	18	Buffalo	Chicago/Central	Philadelphia			
						Central New Eng- land Council	Illinois/Central	Phoenix			
						Central NC/ Eastern NC/ Western NC/ Winston-Salem	Indiana/Michiana	Santa Clara Valley			
						Dallas	Hamilton	Schenectady			
						Denver	Kitchener-Waterloo	Southeastern Michigan			
							Los Angeles Council	Tokyo			
							Montreal	Washington/No Virginia			
							NY/Long Island/ North Jersey				
						<hr/>					
						IM-09	Instrumentation & Measurement	15	Central Illinois	Los Angeles Council	San Diego
									Central New Eng- land Council	Montreal	Southeastern Michigan
Chicago	NY/Long Island/ North Jersey	Tokyo									
Cleveland	Ottawa	Toronto									
Denver	Portland	Washington									
<hr/>											
LEO-36	Lasers and Electro-Optics	11	Central New Eng- land Council	Metropolitan Los Angeles	Portland						
			Cleveland	New Jersey Coast	Tokyo						
			Dallas	Oakland East Bay/San Francisco/Santa Clara Valley	Washington/No Virginia						
			Long Island								
			Los Alamos								
<hr/>											
MAG-33	Magnetics	14	Central New Eng- land Council	Pittsburgh	Twin Cities						
			Houston	Princeton	United Kingdom & the Republic of Ireland						
			Los Angeles Council	Rochester	Washington/No Virginia						
			Milwaukee	San Diego							
			Philadelphia	Santa Clara Valley							
				Tokyo							

SECTION C

Table 5 - IEEE Chapters - as of 12/31/86

MTT-17	Microwave Theory & Techniques	53	Albuquerque Atlanta Baltimore Beijing Benelux Central Illinois Central New Eng- land Council Chicago Columbus Cleveland Dallas Dayton Denver Florida West Coast Houston Huntsville India Council Israel	Kitchener-Waterloo Long Island/NY Los Angeles Council Middle & South Italy Milwaukee Montreal New Jersey Coast North Jersey Orlando Ottawa Philadelphia Phoenix Portland Princeton Rio de Janeiro Saint Louis San Diego San Fernando Valley Santa Clara Valley	Schenectady Seattle South Africa South Brevard-Indian River Southeastern Michigan Spain Sweden Switzerland Syracuse Tokyo Tucson Twin Cities Utah Venezuela Washington/No Virginia West Germany
NPS-05	Nuclear & Plasma Sciences	11	Benelux Central Illinois Central New Eng- land Council Chicago	India Council Los Angeles Council New Orleans North Jersey Santa Clara Valley	Tokyo Washington/No Virginia/ Baltimore
OE-22	Oceanic Engineering	5	Canadian Atlantic Central New Eng- land Council	San Diego Seattle	Washington/No Virginia
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

SECTION C

Table 5 - IEEE Chapters - as of 12/31/86

PE-31	Power Engineering	114	Akron Alabama Albuquerque 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 India Council 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 New South Wales 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
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
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

SECTION C

Table 5 - IEEE Chapters - as of 12/31/86

UFFC-20	Ultrasonics, Ferroelectrics and Frequency Control Society	8	Central New England Council Long Island Los Angeles Council	Orlando Pittsburgh Portland	Santa Clara Valley Washington/Baltimore/ No Virginia
VT-06	Vehicular Technology	25	Canton Central New England 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	760*			

* 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, 1986 5-YEAR COMPARISON

CODE NO.	SOCIETY	12/31/86	12/31/85	12/31/84	12/31/83	12/31/82
1	ACOUSTICS, SPEECH & SIGNAL PROCESSING	11	9	11	12	14
2	BROADCAST TECHNOLOGY	1	2	2	1	6
3	ANTENNAS & PROPAGATION	1	1	2	1	1
4	CIRCUITS & SYSTEMS	10	8	8	13	19
5	NUCLEAR & PLASMA SCIENCES	190	184	199	206	219
6	VEHICULAR TECHNOLOGY	4	3	4	1	2
7	RELIABILITY	10	10	16	16	19
8	CONSUMER ELECTRONICS	4	4	4	4	
9	INSTRUMENTATION & MEASUREMENT	3	3	2	2	1
10	AEROSPACE & ELECTRONIC SYSTEMS	8	6	4	5	4
12	INFORMATION THEORY	8	6	5	10	8
13	INDUSTRIAL ELECTRONICS	0	0	0	0	0
14	ENGINEERING MANAGEMENT	81	44	39	38	33
15	ELECTRON DEVICES	2	4	3	5	7
16	COMPUTER	15,116	15,629	14,719	12,970	11,757
17	MICROWAVE THEORY & TECHNIQUES	19	3	3	4	3
18	ENGINEERING IN MEDICINE & BIOLOGY	59	68	63	63	64
19	COMMUNICATIONS	171	106	73	79	86
20	ULTRASONICS, FERROELECTRICS & FREQUENCY CONTROL	7	6	6	7	6
21	COMPONENTS, HYBRIDS & MANUFACTURING TECHNOLOGY	14	16	12	7	5
22	OCEANIC ENGINEERING	14	17	25	77	
23	CONTROL SYSTEMS	14	17	17	18	14
25	EDUCATION	5	5	5	2	2
26	PROFESSIONAL COMMUNICATION	83	50	44	29	26
27	ELECTROMAGNETIC COMPATIBILITY	3	3	4	5	3
28	SYSTEMS, MAN & CYBERNETICS	33	32	32	32	24
29	GEOSCIENCE & REMOTE SENSING	41	38	33	40	30
30	SOCIAL IMPLICATIONS OF TECHNOLOGY	5	5	4	3	4
31	POWER ENGINEERING	5	3	1	2	1
32	DIELECTRICS AND ELECTRICAL INSULATION	12	10	7	5	4
33	MAGNETICS	106	103	85	74	59
34	INDUSTRY APPLICATIONS	3	1	1	1	2
36	LASERS AND ELECTRO-OPTICS	90	87	77	38	38
	TOTALS	16,133	16,483	15,510	13,770	12,463

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	1,483	874	453	400	531	1,330	280	589	40	415
02	BROADCASTING & CONSUMER ELECTRONICS	618	404	338	277	212	562	186	225	58	263
03	ANTENNAS AND PROPAGATION	703	623	395	172	404	897	143	377	28	292
04	CIRCUITS AND SYSTEMS	1,471	768	577	618	710	1,708	222	462	50	333
05	NUCLEAR AND PLASMA SCIENCES	344	316	233	160	128	622	61	127	9	88
06	VEHICULAR TECHNOLOGY	273	263	193	402	112	292	123	90	17	104
07	RELIABILITY	540	303	182	165	171	476	54	109	15	82
08	CONSUMER ELECTRONICS	557	284	316	317	224	393	165	128	32	214
09	INSTRUMENTATION AND MEASUREMENT	420	278	212	174	155	421	99	130	32	106
10	AEROSPACE AND ELECTRONIC SYSTEMS	1,915	1,884	823	337	890	2,942	182	282	26	164
12	INFORMATION THEORY	299	199	85	88	99	304	47	155	16	115
13	INDUSTRIAL ELECTRONICS	1,101	963	852	885	629	987	441	460	123	487
14	ENGINEERING MANAGEMENT	2,973	2,535	1,755	1,321	1,348	3,114	513	683	208	493
15	ELECTRON DEVICES	1,129	508	257	303	421	1,611	102	347	23	475
16	COMPUTER	7,254	4,200	2,818	2,886	3,077	8,067	1,623	2,134	335	2,106
17	MICROWAVE THEORY AND TECHNIQUES	642	328	173	133	200	888	86	235	12	151
18	ENGINEERING IN MEDICINE AND BIOLOGY	766	472	308	453	285	701	167	246	31	171
19	COMMUNICATIONS	2,610	2,037	1,358	936	995	2,303	786	900	136	852
20	ULTRASONICS FERROELECTRICS&FREQ. CONTROL	138	76	57	54	46	134	19	53	2	50
21	COMPONENTS, HYBRIDS & MANUFACT. TECHNOL.	648	330	252	269	197	562	60	100	13	114
22	OCEANIC ENGINEERING	63	53	39	7	8	67	14	14	4	8
23	CONTROL SYSTEMS	519	444	352	331	261	716	154	332	39	222
25	EDUCATION	288	174	182	142	128	182	83	75	15	43
26	PROFESSIONAL COMMUNICATION	254	171	117	107	95	216	42	51	7	30
27	ELECTROMAGNETIC COMPATIBILITY	203	202	83	81	80	252	15	46	4	21
28	SYSTEMS, MAN AND CYBERNETICS	280	248	122	106	103	309	65	104	17	96
29	GEOSCIENCE AND REMOTE SENSING	72	107	56	37	209	137	48	52	2	31
30	SOCIAL IMPLICATIONS OF TECHNOLOGY	118	105	51	28	36	103	25	28	5	18
31	POWER ENGINEERING	2,743	2,464	3,074	2,307	2,286	3,227	1,086	987	497	966
32	DIELECTRICS & ELECTRICAL INSULATION	133	90	54	58	23	60	47	74	7	66
33	MAGNETICS	219	139	56	148	58	453	20	81	4	120
34	INDUSTRY APPLICATIONS	1,035	1,141	1,060	915	908	1,116	470	168	114	240
35	POWER ELECTRONICS	77	51	40	60	39	76	29	33	4	49
36	LASERS AND ELECTRO-OPTICS	684	353	224	140	227	748	97	183	16	206
37	SOLID STATE CIRCUITS	730	349	222	287	486	1,331	106	255	12	194
39	INTERDISCIPLINARY AND NEW ACTIVITIES	424	335	169	133	145	385	83	96	20	48
	TOTAL	33,726	24,071	17,544	15,238	15,926	37,692	7,743	10,411	1,973	9,433

SECTION E

TABLE 2 - 1985 SECTION/CHAPTER MEETING SUMMARY

(89% of Sections Reporting)

REGION	# MEETINGS HELD	NUMBER BY CLASSIFICATION				ATTENDANCE				PERCENT		
		TECH.	PROF.	SOCIAL	NOT REPORTED	MEMBERS	GUESTS	TOTAL	AVERAGE	*TECH.	*PROF.	*SOCIAL
1	457	363	82	12	0	11,499	5,184	16,683	36.5	79.4	18.0	2.6
2	478	398	61	19	0	10,136	4,914	15,050	31.5	83.3	12.7	4.0
3	474	395	58	19	2	10,639	3,576	14,215	30.0	83.7	12.3	4.0
4	356	291	41	17	7	12,552	6,095	18,647	52.4	83.4	11.7	4.9
5	394	326	53	13	2	9,969	4,627	14,596	37.0	83.2	13.5	3.3
6	562	458	71	21	12	14,141	6,126	20,267	36.1	83.3	12.9	3.8
7	235	211	17	7	0	4,975	2,209	7,184	30.6	89.8	7.2	3.0
8	248	219	20	3	6	8,220	5,569	13,789	55.6	90.5	8.3	1.2
9	242	191	45	5	1	5,160	8,119	13,279	54.9	79.2	18.7	2.1
<u>10</u>	<u>506</u>	<u>444</u>	<u>41</u>	<u>14</u>	<u>7</u>	<u>13,755</u>	<u>18,284</u>	<u>32,039</u>	<u>63.3</u>	<u>89.0</u>	<u>8.2</u>	<u>2.8</u>
TOTAL	3,952	3,296	489	130	37	101,046	64,703	165,749	41.9	84.2	12.5	3.3

* Percentages are calculated by reduced number.

Note: All Regions based on Meetings reported with classification.

SECTION E

TABLE 3 - 1985 CHAPTER MEETINGS BY SOCIETY, BY REGION

REGION:	1	2	3	4	5	6	7	8	9	10	TOTAL
<u>SOCIETY:</u>											
ASSP-01	11	14	2	9	8	5	2	3	0	16	70
BT-02	2	0	0	0	0	0	3	0	0	3	8
AP-03	13	19	12	5	11	13	4	13	0	8	98
CAS-04	5	0	0	3	13	5	4	0	0	9	39
NPS-05	0	5	0	0	0	0	0	5	0	5	15
VT-06	5	16	0	0	14	9	9	0	0	5	58
R-07	9	25	0	10	5	9	3	0	0	5	66
CE-08	4	0	0	0	0	7	0	0	0	3	14
IM-09	8	2	0	0	1	5	2	0	0	4	22
AES-10	14	18	6	0	0	19	7	3	0	2	69
IT-12	0	3	0	0	3	6	2	0	0	2	16
IE-13	0	2	0	5	2	3	2	0	0	6	20
EM-14	17	10	4	4	2	11	1	0	8	5	62
ED-15	11	0	1	5	5	3	0	1	0	3	29
COMP-16	58	51	36	24	39	41	33	15	19	29	345
MTT-17	18	18	14	12	10	16	3	14	0	8	113
EMB-18	16	15	2	13	2	13	2	0	0	13	76
COM-19	24	15	19	4	12	24	14	2	9	10	133
UFFC-20	9	0	2	0	0	9	0	0	0	14	34
CHMT-21	3	0	0	0	0	11	0	0	0	6	20
OE-22	4	0	0	0	0	0	6	0	0	0	10
CS-23	6	10	3	1	7	4	2	5	0	9	47
ED-25	0	0	0	0	0	0	0	0	0	10	10
PC-26	0	0	0	0	0	0	0	0	0	0	0
EMC-27	10	12	2	10	10	21	5	1	0	10	81
SMC-28	6	7	0	1	0	1	0	0	0	5	20
GRS-29	0	6	0	0	0	2	0	0	0	11	19
SIT-30	0	0	0	0	0	0	0	8	0	11	19
PE-31	43	39	50	47	55	52	35	0	47	26	394
EI-32	0	0	0	0	0	0	8	0	0	4	12
MAG-33	6	8	0	14	1	17	0	0	0	18	64
IA-34	13	21	17	26	19	44	3	0	11	15	169
LEO-36	9	6	0	0	8	3	0	0	0	0	26
TOTAL	324	322	170	193	227	353	150	70	94	275	2178

Not All Reporting Complete.

SECTION E:

TABLE 4 - SOCIETY AND OTHER SPONSORED AND COSPONSORED CONFERENCES SUMMARY, BY SOCIETY, BY REGION, 12/31/86

DIV.	Society	REGIONS										Total
		1	2	3	4	5	6	7	8	9	10	
I	Circuits and Systems	1					3					4
	Components, Hybrids, and Manufacturing Technol.	1			1		2		1			5
	<u>Electron Devices</u>	4		4		1	6					15
	Lasers and Electro-Optics			2			3					5
	Solid-State Circuits	1					1					2
II	Dielectrics and Electrical Insulation		3						2			5
	<u>Industry Applications</u>	1	4	2		1	1					9
	Instrumentation and Measurement		1			2						3
	Power Electronics			1				1				2
III	Broadcast Technology		1									1
	<u>Communications</u>			3		1	1	3				9
	Consumer Electronics				1							1
	Vehicular Technology				1	1		1				3
IV	Antennas and Propagation		1									1
	Electromagnetic Compatability						1					1
	<u>Magnetics</u>		2			1						4
	Microwave Theory and Techniques		1	1								2
	Nuclear and Plasma Sciences	1	1					1				3
V, VIII	Computer	4	2	16	3	4	14	2	1		1	47
VI	Education			1		1						2
	Engineering Management		1									1
	<u>Professional Communication</u>			1								1
	Reliability						2					2
	Social Implications of Technology											0
VII	Power Engineering	1					2		1			4
IX	Acoustics, Speech, and Signal Processing	3					2				2	7
	Aerospace and Electronics Systems		1	1		2	3					7
	<u>Geoscience and Remote Sensing</u>								1			1
	Oceanic Engineering		1	1			1					2
	Ultrasonics, Ferroelectrics and Freq. Control		2	1								3
X	Control Systems		1				2		1			4
	Engineering in Medicine and Biology	1				1						2
	<u>Industrial Electronics</u>				2							2
	Information Theory				1							1
	Robotics and Automation						1					1
	Systems, Man, and Cybernetics		1	1								2
	OTHER - Not (Co)Sponsored by a Society	1		2	2	2	1	1	1	1		
Number of Conferences in Region*	15	18	40	10	15	43	8	7	1	4		162

* 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, 1986

Region Number:	<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>1986</u>											
Section	22	25	46	24	22	36	20	24	18	26	263
Subsections	6	4	8	7	6	5	--	1	4	2	43
Chapters	139	111	75	66	64	115	57	40	33	60	760*
Councils	2	1	5	--	--	2	3	--	3	3	19
Student Branches	89	53	68	54	58	57	44	41	37	51	552
Student Branch Chapters	21	10	24	19	14	16	10	2	5	20	141
<hr/>											
<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

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

SECTION F

TABLE 2 - IEEE COUNCIL SECTION AND SUBSECTION ACTIONS 1986

REGION 1

The Fairfield Subsection of the Connecticut Section dissolved May 30, 1986.

The Danbury Subsection of the Connecticut Section established May 30, 1986.

REGION 3

The Athens Subsection of the Atlanta Section established November 22, 1986.

REGION 4

The Coulee Subsection of the Southern Minnesota Section established May 30, 1986.

REGION 6

The Santa Barbara Section admitted to Los Angeles Council November 22, 1986.

REGION 9

The Costa Rica Subsection elevated to Section status August 22, 1986.

The Guatemala Subsection elevated to Section status August 22, 1986.

The El Salvador Subsection elevated to Section status August 22, 1986.

REGION 10

The Australian Section name was changed to New South Wales February 20, 1986.

The Australian Council comprising of the New South Wales, Queensland, South Australia, Victorian and Western Australia Sections established May 30, 1986.

SECTION F

TABLE 3 - IEEE CHAPTER CHANGES IN 1986

<u>Region/Sections</u>	<u>New Chapters</u>	<u>Change in Status of Existing Chapters</u>
<u>REGION 1</u>		
New York/Long Island-EMB-18		New York/Long Island/*North Jersey-EMB-18
Princeton ED-15/MTT-17		Princeton ED-15/MTT-17/*AP-03
<u>REGION 2</u>		
Baltimore	EMB-18	
Cleveland	ED-15/MTT-17/LEO-36	
Dayton	AP-03/MTT-17	
Washington/No Virginia		**AES-10/GRS-29
Washington/No Virginia	OE-22	
<u>REGION 3</u>		
Atlanta		***ASSP-01/***COM-19
Florida West Coast-MTT-17		*MTT-17/AP-03
Lexington/Louisville-Comp-16		****Louisville - Comp-16
New Orleans	OE-22	
Orlando		***VT-06/***COM-19
<u>REGION 4</u>		
Milwaukee	ASSP-01/COM-19	
Milwaukee	IE-13	
<u>REGION 5</u>		
Central Texas	ASSP-01/COM-19	
Dallas/Fort Worth	EMC-27	
<u>REGION 6</u>		
China Lake	COMP-16	
Phoenix	EMC-27	
San Diego	IM-09	
<u>REGION 7</u>		
Kitchener-Waterloo		*CAS-04/*ED-15/MTT-17/AP-03
Toronto	EM-14	
<u>REGION 8</u>		
Germany (West)	COMP-16	
Israel	IE-13/IA-34	
South Africa	ASSP-01/COM-19	
South Africa	AP-03/MTT-17	
U.K. & Republic of Ireland	MAG-33	
<u>REGION 9</u>		
Rio de Janeiro	AP-03/ED-15/MTT-17	
Venezuela	MTT-17/COM-19	
<u>REGION 10</u>		
Beijing	MTT-17	
New South Wales	COMP-16	
New South Wales	COM-19	
New South Wales	PE-31	
Singapore	COM-19	
Singapore	CS-23	
Tokyo	LEO-36	

- * Existing chapter expanded to include.
 ** Status changed to single chapters in joint sections.
 *** Existing single chapter made joint.
 **** Existing joint section chapter made single section chapter.

SECTION F

TABLE 4 - STUDENT BRANCH CHANGES 1986

<u>Formations</u>	<u>Dissolutions</u>
<u>Region 2</u>	
Columbus Technical Institute	
<u>Region 3</u>	
Hampton Institute	Tidewater Community College
Trident Technical College	Greenville Technical College
<u>Region 4</u>	
DePaul University	Gateway Technical Institute
Saginaw Valley State College	
<u>Region 5</u>	
Saint Mary's University	
Parks College of Saint Louis University	
<u>Region 6</u>	
Seattle Pacific University	
Arizona State University-Electronics and Computer Technology	
<u>Region 8</u>	
Portugal Section Student Branch	Ecole Superiore Ing. D'Electrotechnique
	Institute Superiore D'Electronique du Nord
	Institute Superiore Electronique de Paris
<u>Region 9</u>	
Universidad Tecnica Federico Santa Maria	Centroamericana Universidad
Universidad Politecnica de El Salvador	Institut Tecnologico Regional de Saltillo
<u>Region 10</u>	
Chulalongkorn University	
Thiagarajar College of Engineering	
Government College of Engineering-Salem	
University of Cochin	
N.S.S. College of Engineering-Palghat	
Maharaja Sayajirao University of Baroda	
Pondicherry Engineering College	
Victoria Jubilee Technical Institute	
Thangal Kujnu Musaliar College of Eng.	
Sri Venkateswara University	

TABLE 1 - 1986 IEEE TECHNICAL NONSERIAL PUBLICATIONS OUTPUT

	Number of Items	Total Pages		Number of Items	Total Pages
Conference Records	132	73000	Preprints	551	3829
IEEE PRESS Books	14	5474	Standards	44	6081

TABLE 2 - IEEE TECHNICAL PERIODICAL PUBLICATIONS OUTPUT - 1986 (Dist. Data as of 9/30/86)

Member Dist.	Non-M Dist.	Total Dist.	Periodicals	Freq.	Total Pages	Edit. Pages	Adv. Pages
264531	3585	268116	SPECTRUM	12	1896	843	1053
33303	3651	36954	PROCEEDINGS	12	1872	1836	36
46940	136	47076	POTENTIALS	4	192	181	11

TRANSACTIONS & JOURNALS

11939	2017	13956	ACOUSTICS, SPEECH, & SIGNAL PROCESSING	6	1728		
8380	1674	10054	AEROSPACE & ELECTRONIC SYSTEMS	6	844		
6629	1897	8526	ANTENNAS & PROPAGATION	12	1540		
8673	2188	10861	AUTOMATIC CONTROL	12	1248		
4102	1722	5824	*BIOMEDICAL ENGINEERING	12	1288		
2413	1181	3594	*BROADCASTING	4	130		
8294	1977	10271	CIRCUITS & SYSTEMS	12	1320		
13462	2549	16011	COMMUNICATIONS	12	1344		
3167	1425	4592	*COMPONENTS, HYBRIDS, & MANUFACTURING TECHNOLOGY	4	540		
5598	1362	6960	COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS & SYSTEMS	4	712		
12992	3002	15994	COMPUTERS	12	1152		
5037	1391	6428	CONSUMER ELECTRONICS	4	873		
2208	1246	3454	EDUCATION	4	260		
1742	1290	3032	ELECTRICAL INSULATION	6	928		
2662	1372	4034	ELECTROMAGNETIC COMPATIBILITY	4	324		
9204	1236	10440	ELECTRON DEVICE LETTERS	12	772		
7372	2081	9453	ELECTRON DEVICES	12	2192		
4385	1507	5892	ENERGY CONVERSION	4	848		
7519	1448	8967	ENGINEERING MANAGEMENT	4	272		
7635	1086	8721	*ENGINEERING MANAGEMENT REVIEW	4	308		
1949	1257	3206	GEOSCIENCE & REMOTE SENSING	6	1068		
4952	1592	6544	INDUSTRIAL ELECTRONICS	4	430		
10009	1716	11725	INDUSTRY APPLICATIONS	6	1356		
4509	1861	6370	*INFORMATION THEORY	6	940		
4790	1956	6746	INSTRUMENTATION & MEASUREMENT	4	694		
3492	1182	4674	LIGHTWAVE TECHNOLOGY	12	1808		
3310	1701	5011	MAGNETICS	6	2204		
2155	1087	3242	MEDICAL IMAGING	4	268		
8303	1977	10280	MICROWAVE THEORY & TECHNIQUES	12	1664		
2007	1615	3622	*NUCLEAR SCIENCE	6	1792		
2011	1108	3119	*OCEANIC ENGINEERING	4	516		
7951	1666	9617	PATTERN ANALYSIS & MACHINE INTELLIGENCE	6	796		
1071	1137	2208	*PLASMA SCIENCE	6	992		
4825	1576	6401	POWER DELIVERY	4	1264		
2377	2090	4467	POWER ELECTRONICS	4	276		
5251	1651	6902	POWER SYSTEMS	4	1108		
2383	1274	3657	PROFESSIONAL COMMUNICATION	4	248		
5391	1793	7184	QUANTUM ELECTRONICS	12	2356		
3524	1793	5317	RELIABILITY	5	496		
7679	1166	8845	ROBOTICS & AUTOMATION	4	252		
7532	1331	8863	*SELECTED AREAS IN COMMUNICATIONS	9	1592		
13825	2670	16495	SOFTWARE ENGINEERING	12	1204		
12415	1917	14332	SOLID-STATE CIRCUITS	6	1172		
3751	1833	5584	*SYSTEMS, MAN & CYBERNETICS	6	1032		
1954	1339	3293	ULTRASONICS, FERROELECTRICS & FREQUENCY CONTROL	6	880		
2268	1225	3493	VEHICULAR TECHNOLOGY	4	192		
263097	75164	338261	Total TRANSACTIONS & JOURNALS	312	45223		

MAGAZINES

8554	971	9525	AEROSPACE & ELECTRONIC SYSTEMS MAGAZINE	12	516		
12141	1019	13160	ASSP MAGAZINE	4	164	154	10
27519	1181	28700	CIRCUITS & DEVICES MAGAZINE	6	404	335	69
22649	1518	24167	COMMUNICATIONS MAGAZINE	12	769	692	77
83959	3250	87209	COMPUTER	12	1475	1092	383
11732	2255	13987	COMPUTER GRAPHICS & APPLICATIONS	12	1008	958	50
8770	1116	9886	CONTROL SYSTEMS MAGAZINE	4	312	243	69
7411	1229	8640	DESIGN & TEST OF COMPUTERS	6	508	446	62
7857	7190	15047	ELECTRICAL INSULATION MAGAZINE	6	408	330	78
6181	1044	7225	ENGINEERING IN MEDICINE & BIOLOGY	4	256	246	10
14597	1252	15849	EXPERT MAGAZINE	4	481	354	127
19872	1786	21658	MICRO	6	564	546	18
20479	1050	21529	POWER ENGINEERING REVIEW	12	672	659	13
20779	1556	22335	SOFTWARE MAGAZINE	6	596	538	58
2459	1020	3479	TECHNOLOGY & SOCIETY MAGAZINE	4	158	149	9
274959	27437	302396	Total MAGAZINES	110	8291	6742	1033

*Estimated. Not all issues published at time of this report.

†translation journal on magnetics not included.

SECTION H

EDUCATIONAL ACTIVITIES

TABLE 1 - 1986 ACCREDITATION ACTIVITIES

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

	<u>Engineering</u>	<u>Technology</u>
School Programs Visited	78	56

Table 2 - 1986 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	624	18747	84362
*Videotapes	55	55	8600	38700
Seminars	1	1	15	225
Personal Development Programs	7	N.A.	4216	210,800
Individual Learning Packages	5	N.A.	<u>863</u>	<u>156,720</u>
TOTALS			32,441	490,807

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

