

THE INSTITUTE OF  
ELECTRICAL AND  
ELECTRONICS  
ENGINEERS, INC.



# ANNUAL REPORT OF THE SECRETARY AND TREASURER

1979

Dear Members of the Institute:

From 1975 the report was identified as the "Report of the Secretary". It is now identified as the "Annual Report of the Secretary and Treasurer". It is now identified as the "Annual Report of the Secretary and Treasurer". It is now identified as the "Annual Report of the Secretary and Treasurer".

The report contains information on the financial activities of the Institute for the year 1979. It also contains information on the activities of the Secretary and Treasurer. The report is divided into two parts: Part I, which contains information on the financial activities, and Part II, which contains information on the activities of the Secretary and Treasurer.

Two new reports have also been developed to report the results of 1979. A new report on the "Financial Activities of the Institute" has been developed for inclusion in an issue of the Institute's magazine. An analysis of this report has been developed for inclusion in an issue of the Institute's magazine.

Part I of the report of the Secretary and Treasurer for the year 1979 is presented herewith. It contains information on the financial activities of the Institute for the year 1979.

1979 Financial Report  
Secretary and Treasurer  
The Institute of Electrical and Electronics Engineers, Inc.

Part II of the report contains annual reports of the Institute's board and committees on the various matters which have been summarized in various parts of the Institute's magazine.



**THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, Inc.**  
345 East 47th Street, New York, N. Y. 10017

*[Signature]*  
Donald S. Breton  
1979 Secretary-Treasurer



THE INSTITUTE OF  
ELECTRICAL AND  
ELECTRONICS  
ENGINEERS, INC.

345 EAST 47th STREET, NEW YORK, NEW YORK 10017

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

Dear Members of the Board:

Prior to 1979 this report was identified as the "Report of the Secretary". It only contained various statistical information. It is modified this year to now include a report of the 1979 financial results, so as to more conveniently make this information available, hence it is renamed the "Report of the Secretary - Treasurer".

The "Society/Group Membership by Society/Group; 3-Year Comparison" (please see Table 1 of Section C) has been enlarged to provide a full delineation by all member grades.

Two new reports have also been developed to report the results of 1979. A newly structured "Annual Report" (with messages by the 1979 and 1980 Institute Presidents and the General Manager) has been developed for inclusion in an issue of THE INSTITUTE. Also, an analysis of this report has been developed for insert into an issue of Electrical Engineering.

Part I of the Report of the Secretary - Treasurer for the year 1979 is presented herewith. It contains information on:

- IEEE Membership Statistics
- Student Branch Membership Statistics
- Society/Group Membership and Chapter Statistics
- Society/Group Affiliate Statistics
- Organizational Units of the IEEE by Region
- Publication Statistics
- Financial Report

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

Best regards,

Donald S. Brereton  
1979 Secretary-Treasurer

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## SECTION A

Table 1 - IEEE Membership by Region, Grade, Percentage, as of December 31, 1979

	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>Subtotal</u>	<u>S</u>	<u>Total Membership</u>	<u>Per-centage</u>
Region 1		985	4,548	26,101	2,773	34,407	4,933	39,340	20
Region 2		531	3,760	19,036	1,370	24,697	3,354	28,051	14
Region 3		321	2,461	12,709	1,062	16,553	3,791	20,344	10
Region 4		249	2,027	13,444	1,060	16,780	3,911	20,691	10
Region 5		177	1,864	12,843	805	15,690	3,819	19,509	10
Region 6		668	4,280	28,056	1,927	34,931	4,019	38,950	19
Subtotal	<u>1</u>	<u>2,931</u>	<u>18,940</u>	<u>112,189</u>	<u>8,997</u>	<u>143,058</u>	<u>23,827</u>	<u>166,885</u>	<u>83</u>
Region 7		78	782	6,593	1,385	8,838	2,946	11,784	6
Region 8		202	944	6,037	663	7,846	1,667	9,513	5
Region 9		11	183	2,819	394	3,407	1,217	4,624	2
Region 10		83	563	5,764	433	6,843	1,578	8,421	4
Military*		3	30	373	36	442	4	446	
Total	1	3,308	21,442	133,775	11,908	170,434	31,239	201,673	100

\*Based on APO and FPO figures

Table 2 - IEEE Membership by Grade; 3-Year Comparison, 1977-1979

	<u>December 31, 1979</u>		<u>December 31, 1978</u>		<u>December 31, 1977</u>	
	<u>Number</u>	<u>% of Total</u>	<u>Number</u>	<u>% of Total</u>	<u>Number</u>	<u>% of Total</u>
Honorary (H)	1		1		2	
Fellow (F)	3,308	2	3,238	2	3,087	2
Senior Member (SM)	21,442	11	21,256	11	21,207	11
Member (M)	133,775	66	126,168	66	122,839	67
Associate (A)	11,908	6	11,068	6	10,603	6
Student (S)	31,239	15	29,643	15	25,283	14
Total	201,673	100	191,374	100	183,021	100

Table 3 - IEEE Membership by Region, Percentage; 3-Year Comparison, 1977-1979

	<u>December 31, 1979</u>		<u>December 31, 1978</u>		<u>December 31, 1977</u>	
	<u>Number</u>	<u>% of Total</u>	<u>Number</u>	<u>% of Total</u>	<u>Number</u>	<u>% of Total</u>
Region 1	39,340	20	38,200	20	37,140	20
Region 2	28,051	14	27,474	14	26,892	15
Region 3	20,344	10	18,722	10	17,687	10
Region 4	20,691	10	20,099	11	19,394	11
Region 5	19,509	10	18,254	10	16,918	9
Region 6	38,950	19	36,631	19	34,885	19
Subtotal	<u>166,885</u>	<u>83</u>	<u>159,380</u>	<u>84</u>	<u>152,916</u>	<u>84</u>
Region 7	11,784	6	11,343	6	10,814	6
Region 8	9,513	5	8,520	4	8,028	4
Region 9	4,624	2	4,262	2	4,363	2
Region 10	8,421	4	7,390	4	6,449	4
Military	446		455		451	
Adjustment			24			
Total	201,673	100	191,374	100	183,021	100

## SECTION A

Table 4 - IEEE, Life Members by Grade; 3-Year Comparison

	December 31, 1979	December 31, 1978	December 31, 1977
Fellow	1,491	1,429	1,392
Senior Member	3,901	3,553	3,249
Member	2,208	1,928	1,751
Associate	177	155	125
Total	7,777	7,065	6,517

Table 5 - IEEE Women Members by Grade; 3-Year Comparison

	December 31, 1979	December 31, 1978	December 31, 1977
Fellow	7	6	6
Senior Member	62	66	62
Member	1,832	922	975
Associate	252	133	135
Student	2,474	1,496	1,205
Total	4,227	2,623	2,383

Table 6 - IEEE Membership by Grade; 1963 - 1979

Year	H	F	SM	M	A	S	Total
1963	5	2,589	26,274	82,750	14,215	28,676	154,509
1964	5	2,598	26,182	87,435	13,682	24,076	153,978
1965	5	2,682	26,387	87,916	12,949	24,259	154,198
1966	5	2,759	26,254	97,834	14,114	19,104	160,070
1967	4	2,817	25,411	94,746	12,991	22,248	158,217
1968	4	2,885	25,023	97,326	13,200	23,930	162,368
1969	4	2,917	24,815	101,058	13,235	24,319	166,348
1970	4	2,951	24,229	104,053	13,138	24,684	169,059
1971	4	3,004	23,802	105,919	12,766	20,987	166,482
1972	4	3,019	23,281	108,725	11,984	20,210	167,223
1973	4	3,017	22,561	108,854	11,210	22,169	167,815
1974	3	3,061	22,422	115,287	10,955	21,795	173,523
1975	2	3,058	22,133	119,567	10,738	24,318	179,816
1976	2	3,038	21,470	118,507	10,239	25,360	178,616
1977	2	3,087	21,207	122,839	10,603	25,283	183,021
1978	1	3,238	21,256	126,168	11,068	29,643	191,374
1979	1	3,308	21,442	133,775	11,908	31,239	201,673
Total	59	50,028	404,149	1,812,759	208,995	412,300	2,888,290

SECTION A

Table 7 - IEEE Membership Changes, By Grade, During Calendar Year 1979; 3-year Comparison

	<u>H</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>Subtotal</u>	<u>S</u>	<u>Total</u>
Active Membership - 12/31/78	1	3,238	21,256	126,168	11,068	161,731	29,643	191,374
<u>Additions</u>								
Elections		1	190	6,904	1,364	8,459	17,940	26,399
Dues Arrears Paid		114	1,271	12,992	1,219	15,596	1,952	17,548
Reinstatements		3	82	1,238	94	1,417	293	1,710
Transfers to		224	1,189	14,330	1,754	17,497	2,376	19,873
Total Additions	-0-	342	2,732	35,464	4,431	42,969	22,561	65,530
<u>Deletions</u>								
Resignations		4	70	429	61	564	39	603
Deceased		51	156	181	21	409	8	417
Dues Arrears		119	1,657	23,851	3,061	28,688	5,650	34,338
Transfers from		98	663	3,396	448	4,605	15,268	19,873
Total Deletions	-0-	272	2,546	27,857	3,591	34,266	20,965	55,231
Active Membership - 12/31/79	1	3,308	21,442	133,775	11,908	170,434	31,239	201,673
Gain/Loss	-0-	+70	+186	+7,607	+840	+8,703	+1,596	+10,299

	<u>December 31, 1979</u>	<u>December 31, 1978</u>	<u>December 31, 1977</u>
<u>Additions</u>			
Elections	26,399	24,492	20,747
Reinstatements	1,710	1,664	1,669
Dues Arrears Paid	17,548	19,821	14,529
Total Additions	45,657	45,977	36,945
<u>Deletions</u>			
Resignations	603	872	988
Deceased	417	435	487
Dues Arrears	34,338	36,276	31,065
Total Deletions	35,358	37,583	32,540
<u>Adjustment</u>		-41	
Net Gain/Loss	+10,299	+8,353	+4,405

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979REGION 1

<u>Section</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>Subtotal</u>	<u>S</u>	<u>Subtotal</u>	<u>Section Total</u>
Berkshire	16	79	163	7	265	14		279
Binghamton	3	76	434	46	559	52		611
Boston	185	671	4,059	312	5,227	653	5,885	7,328
Merrimack Valley	7	39	196	18	260	23	283	
Northshore	15	88	920	58	1,081	79	1,160	
Buffalo	11	119	567	60	757	141		898
Connecticut	28	162	1,127	118	1,435	239	1,674	3,406
Fairfield County	30	202	986	100	1,318	71	1,389	
New London	3	29	254	21	307	36	343	
Ithaca	12	15	108	8	143	114		257
Long Island	63	438	2,571	300	3,372	279		3,651
Maine	6	44	240	24	314	87		401
Mid-Hudson	10	97	844	58	1,009	50		1,059
Mohawk Valley	9	55	304	19	387	17	404	564
St. Lawrence Int'l.	1	11	58	14	84	76	160	
New Hampshire	13	114	705	74	906	77		983
New Jersey Coast	78	237	1,408	95	1,818	82		1,900
New York	43	345	2,198	529	3,115	1,122	4,237	5,822
Westchester	50	184	1,028	150	1,412	173	1,585	
North Jersey	155	601	3,339	345	4,440	393		4,833
Princeton	81	236	1,259	112	1,688	190		1,878
Providence	20	90	641	59	810	162		972
Rochester	7	101	753	73	934	153		1,087
Schenectady	84	271	598	51	1,004	224		1,228
Springfield	5	32	183	17	237	106		343
Syracuse	32	120	525	27	704	100		804
Vermont	13	41	252	44	350	103		453
Worcester County	5	51	381	34	471	112		583
<b>TOTALS</b>	<b>985</b>	<b>4,548</b>	<b>26,101</b>	<b>2,773</b>	<b>34,407</b>	<b>4,933</b>		<b>39,340</b>

## SECTION A

Table 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

## REGION 2

Section	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>Subtotal</u>	<u>S</u>	<u>Subtotal</u>	<u>Section Total</u>
Akron	7	63	315	17	402	52		454
Allegheny Mountain	1	12	54	5	72	13		85
Baltimore	30	283	1,347	90	1,750	140	1,890	2,775
Annapolis	9	97	690	32	828	57	885	
Canton	0	27	139	8	174	32		206
Central Pennsylvania	6	50	165	7	228	154		382
Cincinnati	7	78	541	31	657	154		811
Cleveland	35	215	1,020	76	1,346	171		1,517
Columbus	16	128	662	98	904	264	1,168	1,206
Zanesville	0	8	24	5	37	1	38	
Dayton	12	137	944	84	1,177	185		1,362
Delaware Bay	3	49	274	14	340	57		397
Eastern Shore	5	21	106	24	156	10		166
Erie	5	59	156	5	225	37		262
Johnstown	1	26	114	16	157	35		192
Lehigh Valley	23	153	805	62	1,043	237		1,280
Lima	3	26	59	5	93	38		131
North Central Ohio	1	27	55	10	93	7		100
Northern Virginia	49	403	2,527	173	3,152	142		3,294
Ohio Valley	0	6	70	6	82	13		95
Philadelphia	110	628	3,296	269	4,303	524		4,827
Pittsburgh	74	413	1,538	59	2,084	326	2,410	2,540
Upper Monongahela	2	8	63	2	75	55	130	
Sharon	7	44	169	12	232	140		372
Southern New Jersey	3	23	125	8	159	16		175
Susquehanna	6	70	377	36	489	93		582
Washington	116	686	3,238	200	4,240	371		4,611
West Virginia	8	20	163	16	199	30		229
TOTALS	531	3,760	19,036	1,370	24,697	3,354		28,051



## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

## REGION 3

Section	F	SM	M	A	Subtotal	S	Subtotal	Section Total
Alabama	6	139	513	16	674	199		873
Atlanta	26	181	1,211	133	1,551	536	2,087	2,145
Rome	0	16	32	6	54	4	58	
Baton Rouge	2	21	190	4	217	138		355
Broward	21	65	431	55	572	30		602
Canaveral	9	85	620	29	743	48		791
Central North Carolina	2	26	169	11	208	33		241
Central Savannah River	0	8	80	4	92	10		102
Central Virginia	20	68	299	14	401	76		477
Charlotte	8	100	384	48	540	81		621
Chattanooga	5	71	197	10	283	16		299
Coastal South Carolina	4	35	157	10	206	82		288
Columbia	2	32	212	12	258	49		307
Daytona	5	27	120	4	156	2		158
Eastern North Carolina	17	96	598	81	792	211	1,003	1,048
Lower Cape Fear	0	5	35	2	42	3	45	
East Tennessee	4	72	400	10	495	192	687	816
Upper East Tennessee	2	11	92	7	112	17	129	
Evansville-Owensboro	1	26	165	9	201	54	255	320
Paducah	0	1	42	4	47	18	65	
Florida West Coast	74	260	832	61	1,277	114		1,341
Fort Walton	0	11	126	6	143	7		150
Gainesville	12	29	111	1	153	93		246
Hampton Roads	3	57	384	22	466	73		539
Huntsville	3	53	537	32	625	54	679	737
Muscle Shoals	0	6	46	0	52	6	58	
Jacksonville	1	35	124	16	176	2		178
Lexington	1	18	163	4	186	67		253
Louisville	2	53	243	15	313	244		557
Memphis	0	44	190	52	286	144	430	507
Jackson	0	4	40	8	52	25	77	
Miami	10	109	563	59	741	85		826
Middle Tennessee	0	21	59	5	85	9		94
Mississippi	0	21	215	8	244	40	284	412
NE Mississippi	1	8	46	1	56	72	128	
Mobile	0	17	123	13	153	63		216
Nashville	6	47	221	13	287	177		464
New Orleans	2	88	546	39	675	124		799
Oak Ridge	3	33	107	4	147	28		175
Orlando	14	107	527	50	698	52		750
Palm Beach	22	84	331	50	487	29		516
Panama City	4	18	91	9	122	5		127
Pensacola	1	6	82	4	93	15		108
Piedmont	4	33	190	28	255	108		363
Richmond	3	49	372	30	454	20		474
Savannah	1	16	63	2	82	15		97
Virginia Mountain	7	91	238	19	355	299		654
Western North Carolina	11	29	67	5	112	8		120
Winston-Salem	2	29	125	28	184	14		198
TOTALS	321	2,461	12,709	1,062	16,553	3,791		20,344

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

## REGION 4

Section	F	SM	M	A	Subtotal	S	Subtotal	Section Total
Arrowhead	0	13	121	5	139	4		143
Calumet	4	34	303	44	385	142		527
Cedar Rapids	6	49	381	26	462	50		512
Central Illinois	31	83	367	22	503	325		828
Central Indiana	23	123	787	67	1,000	418	1,418	1,542
Bloomington	3	16	90	5	114	10	124	
Central Iowa	4	39	182	8	233	134		367
Chicago	39	228	1,226	102	1,595	407	2,002	5,189
Fox Valley	11	152	1,255	100	1,518	82	1,600	
Northwest	9	182	1,199	95	1,485	102	1,587	
Fort Wayne	6	61	260	24	351	55		406
Illinois Valley	0	21	121	6	148	43		191
Iowa-Illinois	1	43	180	14	238	14		252
Madison	8	50	203	17	278	161		439
Michiana	2	28	174	33	237	72		309
Milwaukee	21	157	871	58	1,107	225	1,332	1,474
Racine-Kenosha	4	10	65	24	103	39	142	
Nebraska	3	75	412	75	565	131		696
Northeast Michigan	2	28	207	13	250	49		299
Northeastern Wisconsin	1	21	182	17	221	23	244	455
Upper Peninsula	0	14	62	8	84	127	211	
Rock River Valley	1	10	189	12	212	50		262
Siouxland	1	19	99	9	128	62		190
Southeastern Michigan	41	280	2,042	145	2,508	733		3,241
Southern Minnesota	0	6	218	13	237	14		251
Toledo	2	52	232	21	307	84		391
Twin Cities	24	163	1,556	65	1,808	189	1,997	2,258
Missouri Slope	0	1	70	0	71	13	84	
Red River Valley	0	10	85	2	97	80	177	
West Michigan	2	48	231	25	306	20	326	469
Kalamazoo-Battle Creek	0	11	74	5	90	53	143	
TOTALS	249	2,027	13,444	1,060	16,780	3,911		20,691

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

REGION 5	H	F	SM	M	A	Subtotal	S	Subtotal	Section Total
Arkansas		3	45	271	15	334	46		380
Beaumont		1	20	169	4	194	69		263
Central Texas		24	112	879	50	1,065	386		1,451
Corpus Christi		1	26	148	35	210	104		314
Dallas	1	31	220	2,337	106	2,694	178		2,873
Denver		39	293	1,850	95	2,277	458	2,735	2,866
Black Hills		0	7	54	0	61	70	131	
El Paso		2	44	257	19	322	133		455
Fort Worth		3	86	584	35	708	97		805
Houston		10	179	1,624	102	1,915	601	2,515	3,294
Clear Lake		2	58	548	32	640	79	719	
Freeport		0	8	47	1	56	3	59	
Kansas City		9	184	743	96	1,032	332		1,364
Lafayette		0	2	115	4	121	63		184
Oklahoma City		6	85	306	18	415	64		479
Ozark		2	25	83	4	114	70		184
Panhandle		1	23	89	13	126	5		131
Permian Basin		0	4	59	5	68	6		74
Pikes Peak		2	25	245	12	284	71		355
Saint Louis		29	223	1,386	83	1,721	583		2,304
Shreveport		2	39	167	12	220	122	342	396
Monroe		0	2	33	3	38	16	54	
South Plains		2	17	119	4	142	132		274
Tulsa		5	86	369	39	499	79		578
West Central Texas		1	11	68	6	86	3		89
Wichita		2	30	293	12	347	49		396
TOTALS	1	177	1,864	12,843	805	15,690	3,819		19,509

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

REGION 6	F	SM	M	A	Subtotal	S	Subtotal	Section Total
Alamogordo-Holloman	1	10	32	3	46	3		49
Alaska	0	7	155	18	180	4	184	248
Interior Alaska	0	4	36	3	43	21	64	
Albuquerque	20	92	574	36	722	81		803
Boise	1	23	134	8	166	13		179
Buenaventura	5	64	582	39	690	23		713
China Lake	0	10	169	8	187	10		197
Foothill	8	119	749	63	939	76		1,015
Eastern Montana	0	2	54	3	59	5		64
Fort Huachuca	0	15	85	5	105	2		107
Hawaii	8	30	441	32	511	47		558
Idaho	1	14	99	7	121	9		130
Las Vegas	2	15	112	9	138	6		144
Los Alamos	0	43	141	3	187	6		193
Met. Los Angeles	29	117	586	38	770	153		923
Montana	0	20	123	8	151	55		206
Oakland-East Bay	54	222	1,402	84	1,762	424		2,186
Orange County	19	250	2,104	127	2,500	137	2,637	3,652
Saddleback	24	127	746	58	955	60	1,015	
Phoenix	28	247	1,467	94	1,836	222		2,058
Portland	28	185	1,101	68	1,382	122	1,504	1,872
Eugene	6	32	200	23	261	107	368	
Richland	3	35	193	10	241	23		264
Sacramento	4	73	456	29	562	230	792	1,103
Reno	4	25	101	4	134	42	176	
San Joaquin	2	10	85	6	103	32	135	
San Diego	32	268	1,513	98	1,911	112		2,023
San Fernando Valley	19	254	1,343	122	1,738	137		1,875
San Francisco	23	196	1,029	106	1,354	140		1,494
San Gabriel Valley	25	129	583	49	786	81		867
Santa Barbara	15	71	382	24	492	104		596
Santa Clara Valley	171	720	5,845	368	7,104	577		7,681
Santa Monica Bay	58	199	979	85	1,321	178		1,499
Seattle	25	242	1,780	134	2,181	210		2,391
South Bay Harbor	17	209	1,551	78	1,855	106		1,961
Spokane	5	38	195	6	244	168		412
Tucson	20	98	338	24	480	111		591
Utah	11	47	459	37	554	167		721
Vandenberg	0	10	103	7	120	12		132
Wenatchee	0	8	29	3	40	3		43
TOTALS	668	4,280	28,056	1,927	34,931	4,019		38,950

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

<u>REGION 7</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>Subtotal</u>	<u>S</u>	<u>Subtotal</u>	<u>Section Total</u>
Bay Quinte	1	31	156	17	206	95		301
Canadian Atlantic	1	16	126	19	162	83		245
Hamilton	2	46	274	131	453	234		687
Kitchener-Waterloo	1	31	212	61	305	109		414
London	2	21	140	64	227	204		431
Montreal	18	138	1,179	116	1,451	432		1,883
New Brunswick	0	18	113	5	136	82		218
Newfoundland-Labrador	0	7	53	3	63	54		117
Northern Canada	0	13	260	42	315	57		372
Ottawa	13	112	1,039	175	1,339	268		1,607
Quebec	1	9	143	11	164	106		270
Saint Maurice	0	1	30	2	33	17		50
Saskatchewan	1	16	142	48	207	196		403
Southern Alberta	1	13	264	69	347	70		417
Toronto	27	165	1,580	377	2,149	572		2,721
Vancouver	5	87	577	110	779	149		928
Victoria	3	16	72	13	104	9		113
Winnipeg	2	42	233	122	399	209		608
<b>TOTALS</b>	<b>78</b>	<b>782</b>	<b>6,593</b>	<b>1,385</b>	<b>8,838</b>	<b>2,946</b>		<b>11,784</b>

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

REGION 8	F	SM	M	A	Subtotal	S	Subtotal	Section Total
Austria	3	8	41	7	59	3		62
Benelux	18	96	631	54	799	305		1,104
Denmark	1	20	190	22	233	50		283
Egypt	6	16	99	6	127	21		148
Finland	0	5	118	7	130	127		257
France	32	89	434	68	623	18		641
Germany (West)	26	83	482	71	662	45		707
Greece	2	15	180	17	214	89		303
Iran	0	6	78	1	85	3		88
Israel	12	44	260	24	340	56		396
Middle & South Italy	3	22	188	24	237	50		287
North Italy	12	19	395	63	489	188		677
Norway	3	21	107	10	141	1		142
Poland	2	37	8	2	49	3		52
Spain	0	17	248	31	296	155		451
Sweden	9	50	295	32	386	197		583
Switzerland	17	74	539	51	681	105		786
U.K. & Rep. of Ire.	53	236	1,040	107	1,436	166		1,602
Yugoslav	0	8	93	5	106	6		112
OTHER COUNTRIES	3	78	611	61	753	79		832
TOTALS	202	944	6,037	663	7,846	1,667		9,513

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

<u>REGION 9</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>Subtotal</u>	<u>S</u>	<u>Subtotal</u>	<u>Section Total</u>
Argentina	3	20	147	21	191	108		299
Bahia	0	1	88	5	94	21		115
Bolivia	0	0	19	0	19	0		19
Brazilia	0	1	18	2	21	4		25
Central America	0	0	6	2	8	0	8	337
Costa Rica	0	4	57	3	64	4	68	
El Salvador	0	7	41	5	53	9	62	
Guatemala	0	4	73	12	89	35	124	
Honduras	0	0	32	4	36	11	47	
Nicaragua	0	3	24	1	28	0	28	
Chile	0	6	84	32	122	56		178
Colombia	0	13	136	33	182	190		372
Ecuador	0	4	48	21	73	69		142
Jamaica	0	2	40	13	55	0		55
Mexico	3	28	398	55	484	193	675	698
Guadalajara	1	4	12	1	18	3	21	
Monterrey	0	3	95	4	102	55		157
Panama	0	1	68	6	75	18		93
Peru	0	3	67	6	76	70	146	149
La Oroya	0	0	3	0	3	0	3	
P.R. & Virgin Is.	1	16	236	23	276	56		332
Rio de Janeiro	2	22	226	29	279	19		298
Sao Paulo	0	13	421	54	488	219		707
Venezuelan	0	15	330	30	375	65		440
OTHER COUNTRIES	<u>1</u>	<u>13</u>	<u>150</u>	<u>32</u>	<u>196</u>	<u>12</u>		<u>208</u>
TOTALS	11	183	2,819	394	3,407	1,217		4,624

## SECTION A

TABLE 8 - IEEE Membership by Region, by Section and Subsection, by Grade  
December 31, 1979

<u>REGION 10</u>	<u>F</u>	<u>SM</u>	<u>M</u>	<u>A</u>	<u>Subtotal</u>	<u>S</u>	<u>Subtotal</u>	<u>Section Total</u>
Australian	3	64	680	38	785	142	927	1,181
Victorian	1	11	200	13	225	29	254	
Bangalore	0	22	70	4	96	24	120	178
Kerala	0	5	43	0	48	9	57	
Bombay	4	70	203	20	297	131		428
Calcutta	0	14	112	9	135	17		152
Delhi	1	24	124	9	158	28	186	242
Uttar Pradesh	0	5	31	0	36	20	56	
Hong Kong	0	17	896	83	996	321		1,317
Korea	1	3	151	8	163	250		413
Madras	1	16	85	10	112	166		278
Malaysia	0	2	76	7	85	3		88
New Zealand North	0	7	81	8	96	15		111
New Zealand South	0	2	43	1	46	29		75
Nigeria	0	2	137	16	155	17		172
Pakistan	0	14	59	6	79	4	83	121
Karachi	0	3	29	4	36	2	38	
Philippines	0	4	62	6	72	21		93
Singapore	0	1	217	34	252	35		287
South Africa	0	15	72	5	92	3		95
Taipei	0	8	159	4	171	60		231
Thailand	0	3	63	8	74	4		78
Tokyo	72	222	2,029	116	2,439	234		2,673
APO & FPO	3	30	373	36	442	4	446	446
OTHER COUNTRIES	<u>0</u>	<u>29</u>	<u>142</u>	<u>24</u>	<u>195</u>	<u>14</u>		<u>209</u>
TOTALS	86	593	6,137	469	7,285	1,582		8,867



## SECTION A

TABLE 9 - IEEE Membership in Region 8, by Country, by Grade

December 31, 1979 - 3-Year Comparison

Country	F	SM	M	A	S	12/31/79 Total	12/31/78 Total	12/31/77 Total
Algeria	1	1	9	2		13	8	10
Austria							55	55
Bahrein		1	15			16	11	8
Bulgaria	1	2	1	2		6	4	2
Cyprus	3	18	1			22	22	17
Czechoslovakia		2	9	4		15		15
Denmark							1	
Ethiopia			1			1	3	5
France							1	
Germany E. & E. Berlin								1
Germany, F.R. & W.Berlin							1	
Gibraltar		2				2	2	2
Greece							1	
Hungary	10		1			11	11	10
Iceland			13	1		14	16	11
Iraq	3	35	2	1		41	35	29
Jordan	1	23			1	25	23	18
Kuwait	6	41	4	1		52	54	44
Lebanon	2	7			3	12	7	5
Liechtenstein			3			3	1	1
Mali							1	1
Malta			7		1	8	7	5
Morocco			6		1	7	7	7
Muscat		2				2	1	3
Netherlands							1	
Portugal			46	8	13	67	55	54
Qatar			17	1		18	15	11
Rumania	2	10	1	3		16	14	12
Saudi Arabia	20	198	13	4		235	183	119
S.P. Libyan Arab Jamahira	1	33	5	5		44	33	37
Sudan			7	2		9	7	5
Switzerland							3	
Syria		1	15	4		20	17	14
Trucial Oman		4	42	6		52	34	23
Tunisia			1			1	6	1
Turkey		6	48	5	28	87	84	100
U.S.S.R.	2	12	2	1	16	33	20	23
TOTALS	3	78	611	61	79	832	749	648
Members Assigned to IEEE Sections	199	866	5,426	602	1,588	8,681	7,771	7,380
TOTAL, REGION 8	202	944	6,037	663	1,667	9,513	8,520	8,028

## SECTION A

TABLE 10 - IEEE Membership in Region 9, by Country, by Grade

December 31, 1979 - 3-Year Comparison

Country	F	SM	M	A	S	12/31/79 Total	12/31/78 Total	12/31/79 Total
Argentina							1	
Bahamas & Bermuda		6	21	10		37	31	32
Belize			3			3	2	
Brazil*		2	55	7	7	71	57	63
Cuba		2	1			3	3	4
Dominican Republic			14	1	1	16	14	12
Guyana		1	9			10	7	9
Haiti			5	1		6	31	
Leeward Islands		1	1			2	2	2
Netherlands Antilles			2	1		3	3	4
Paraguay							7	5
Surinam			1			1	1	1
Trinidad & Tobago		1	22	7	1	31	1	25
Uruguay			7	4	3	14	12	8
Windward Islands	1		9	1		11	13	10
TOTALS	1	13	150	32	12	208	185	175
Members Assigned to IEEE Sections	10	170	2,669	362	1,205	4,416	4,077	4,184
TOTAL, REGION 9	11	183	2,819	394	1,217	4,624	4,262	4,359

\*Areas not assigned to Sections.

## SECTION A

TABLE 11 - IEEE MEMBERSHIP IN REGION 10, by Country, by Grade

December 31, 1979 - 3-Year Comparison

Country	F	SM	M	A	S	12/31/79 Total	12/31/78 Total	12/31/77 Total
Afghanistan							1	2
Africa								
Basutoland								1
Botswana								4
Cameroon							4	2
Gaboon			1			1	1	
Ghana			5	1		6	1	7
Ivory Coast			1			1		
Kenya	4	20	5		7	36	26	25
Liberia			2			2	2	3
Malawi			5	1		6	4	4
Nigeria							2	133
Rhodesia	1	5	1			7	6	8
Senegal			1			1	1	
Sierra Leone			1			1	1	2
Swaziland	1					1	1	3
Tanzania			3	1	1	5	6	3
Uganda			3	1		4	5	2
Zaire			2			2	2	1
Zambia	7	22	1			30	27	35
Bangladesh	3	8		1		12	10	9
Brunei	1	5				6	4	3
Burma			3			3	2	2
Caroline Islands								1
China, Peoples Republic of			1			1	2	1
Fiji Islands	1	2				3	3	2
Guam	1	8		2		11	9	12
Indonesia	1	23		6	3	33	29	31
Macao			1			1	1	1
Malaysia							2	80
Mariana Islands	1					1	1	1
Marshall Islands							1	1
Mauritius			4	3	1	8	9	11
Nepal	1	2				3	4	2
New Guinea			9	1		10	8	8
Samoa								1
Sri Lanka		6	5		2	13	11	9
Togo								1
Vietnam, North & South		1				1	1	1
Totals	0	29	142	24	14	209	183	404
Members Assigned to IEEE Sections	83	534	5,622	409	1,564	8,212	7,202	6,044
Military*	3	30	373	36	4	446	455	451
TOTAL, REGION 10	86	593	6,137	469	1,582	8,867	7,845	6,899

\*Based on APO and FPO figures



## SECTION B

Table 1 - IEEE Student Branches and Student Branch Membership, 1979  
 Membership as of December 31, 1979

The total number of Student Branches is now 429, operating as follows:

- IEEE Four-Year Student Branches
- IEEE Less Than Four-Year Student Branches\*

SCHOOL	SECTION LOCATION	REGION	MEMBERSHIP 1979
Broome Community College*	Binghamton	01	11
Boston University	Boston	01	63
Franklin Institute of Boston*	Boston	01	36
Massachusetts Institute of Technology	Boston	01	315
Northeastern University	Boston	01	121
Tufts University	Boston	01	37
Wentworth Institute*	Boston	01	42
Lowell, University of	Boston	01	96
Merrimack College	Boston	01	29
New York Agricultural and Technical College	Buffalo	01	36
New York at Buffalo, State University of*	Buffalo	01	67
New York College at Buffalo, State University of	Buffalo	01	37
Bridgeport, University of	Connecticut	01	37
Connecticut, University of	Connecticut	01	49
Hartford, University of	Connecticut	01	63
New Haven, University of	Connecticut	01	38
Ward Technical College*	Connecticut	01	20
United States Coast Guard Academy	Connecticut	01	32
Cornell University	Ithaca	01	146
Hofstra University	Long Island	01	34
New York at Stony Brook, State University of	Long Island	01	114
Polytechnic Institute of New York - L.I. Center	Long Island	01	35
Maine, University of	Maine	01	81
Clarkson College of Technology	Mohawk Valley	01	119
New York Agricultural and Technical College*	Mohawk Valley	01	43
New Hampshire, University of	New Hampshire	01	56
New Hampshire Vocational-Technical College at Con*	New Hampshire	01	4
Suny Maritime College	New York	01	0
Aeronautics, Academy of*	New York	01	56
Bronx Community College - Day Division*	New York	01	35
Bronx Community College - Evening Division*	New York	01	14
City College of New York	New York	01	216
Columbia University	New York	01	128
Cooper Union	New York	01	52
Manhattan College	New York	01	156
New York City Community College of Applied Arts and Science*	New York	01	28
New York Institute of Technology	New York	01	62
Polytechnic Institute of New York	New York	01	265
Pratt Institute	New York	01	53
Queensborough Community College*	New York	01	26
Staten Island, College of - Sunnyside Campus	New York	01	49
Staten Island, College of - St. George Campus*	New York	01	11
Technical Career Institute*	New York	01	59
Westchester Community College*	New York	01	47
Fairleigh Dickinson University - Day Division	North Jersey	01	43
Morris, County College of*	North Jersey	01	12
New Jersey Institute of Technology	North Jersey	01	180
Stevens Institute of Technology	North Jersey	01	76
Union County Technical Institute*	North Jersey	01	2
Middlesex County College*	Princeton	01	26
Princeton University	Princeton	01	34
Rutgers University	Princeton	01	96
Trenton State College	Princeton	01	34
Brown University	Providence	01	47
Rhode Island, University of	Providence	01	39
Southeastern Massachusetts University	Providence	01	70
Rochester Institute of Technology	Rochester	01	126
University of Rochester	Rochester	01	50

<u>SCHOOL</u>	<u>SECTION LOCATION</u>	<u>REGION</u>	<u>MEMBERSHIP 1979</u>
Hudson Valley Community College	Schenectady	01	35
Rensselaer Polytechnic Institute	Schenectady	01	174
Union College	Schenectady	01	40
Massachusetts, University of	Springfield	01	92
Western New England College	Springfield	01	38
Syracuse University	Syracuse	01	73
Norwich University	Vermont	01	31
Vermont Technical College*	Vermont	01	38
Vermont, University of	Vermont	01	36
Worcester Polytechnic Institute	Worcester	01	97
Monmouth College	New Jersey Coast	01	25
Akron, University of	Akron	02	59
Johns Hopkins University	Baltimore	02	73
Anne Arundel Community College*	Baltimore	02	16
United States Naval Academy	Washington	02	10
Bucknell University	Central Pennsylvania	02	14
Pennsylvania State University	Central Pennsylvania	02	300
Cincinnati, University of	Cincinnati	02	153
Case Western Reserve University	Cleveland	02	103
Cleveland State University	Cleveland	02	30
John Carroll University	Cleveland	02	3
Franklin University*	Columbus	02	8
Ohio Institute of Technology*	Columbus	02	47
Ohio State University	Columbus	02	166
Ohio University	Columbus	02	57
Dayton, University of	Dayton	02	44
Dayton, University of - Technical Institute*	Dayton	02	40
Sinclair College*	Dayton	02	17
United States Air Force Institute of Technology	Dayton	02	25
Delaware, University of	Delaware Bay	02	59
Capitol Institute of Technology	Washington	02	15
Catholic University of America	Washington	02	12
George Washington University	Washington	02	126
Howard University	Washington	02	21
Maryland, University of	Washington	02	291
Gannon College	Erie	02	31
Pittsburgh, University of - Johnstown	Johnstown	02	23
Lafayette College	Lehigh Valley	02	51
Lehigh University	Lehigh Valley	02	107
Wilkes College	Lehigh Valley	02	34
Northern Ohio University	Lima	02	55
Drexel University - Day Division	Philadelphia	02	143
Drexel University - Evening College	Philadelphia	02	27
Pennsylvania, University of	Philadelphia	02	120
Spring Garden College	Philadelphia	02	35
Swarthmore College	Philadelphia	02	16
Temple University - College of Engineering Technology	Philadelphia	02	38
Villanova, University of	Philadelphia	02	51
Widner College	Philadelphia	02	19
Carnegie Mellon University	Pittsburgh	02	104
Pennsylvania State University - McKeesport Campus*	Pittsburgh	02	4
Pittsburgh, University of	Pittsburgh	02	142
Stubenville, College of	Pittsburgh	02	16
West Virginia University	Pittsburgh	02	90
Grove City College	Sharon	02	42
Youngstown State University	Sharon	02	117
Pennsylvania State University - Capitol Campus	Susquehanna	02	60
Pennsylvania State University - York Campus	Central Pennsylvania	02	
West Virginia Institute of Technology	West Virginia	02	23
Murray State University (Kentucky)	Alabama	03	0
Alabama in Birmingham, University of	Alabama	03	26
Alabama, University of	Alabama	03	66
Auburn University	Alabama	03	102
Tuskegee Institute	Atlanta	03	23
Devry Institute of Technology - Atlanta*	Atlanta	03	26
Georgia Institute of Technology	Atlanta	03	482
Southern Technical Institute	Atlanta	03	33
Louisiana State University - Baton Rouge	Baton Rouge	03	95
Southern University	Baton Rouge	03	71
Florida Institute of Technology	Canaveral	03	65
Florida International University	Canaveral	03	16
Virginia, University of	Central Virginia	03	90
Tennessee, University of	East Tennessee	03	253
Evansville, University of	Evansville-Owensboro	03	22

<u>SCHOOL</u>	<u>SECTION LOCATION</u>	<u>REGION</u>	<u>MEMBERSHIP 1979</u>
Indiana State University	Evansville-Owensboro	03	18
South Florida, University of	Florida West Coast	03	69
Florida, University of	Gainesville	03	110
Old Dominion University	Hampton Roads	03	70
Alabama in Huntsville, University of	Huntsville	03	44
Kentucky, University of	Lexington	03	75
Louisville, University of	Louisville	03	213
Western Kentucky University	Louisville	03	31
Christian Brothers College	Memphis	03	35
Memphis State University	Memphis	03	48
Mississippi, University of	Memphis	03	23
State Technical Institute at Memphis*	Memphis	03	41
Tennessee at Martin, University of	Memphis	03	24
Miami, University of	Miami	03	47
Mississippi State University	Mississippi	03	117
South Alabama, University of	Mobile	03	60
Tennessee State University	Nashville	03	45
Tennessee Technological University	Nashville	03	41
Vanderbilt University	Nashville	03	109
New Orleans, University of	New Orleans	03	42
Tulane University	New Orleans	03	54
Central Florida University	Orlando	03	47
Florida Atlantic University	Palm Beach	03	55
Georgia Southern College	Savannah	03	14
Savannah State College	Savannah	03	7
Virginia Military Institute	Virginia Mountain	03	60
Virginia Polytechnic Institute	Virginia Mountain	03	304
Virginia Western Community College*	Virginia Mountain	03	16
North Carolina Agricultural and Technical	Central North Carolina	03	37
Central Piedmont Community College*	Charlotte	03	31
Gaston College*	Charlotte	03	7
North Carolina at Charlotte, University of	Charlotte	03	56
Duke University	Eastern North Carolina	03	85
Fayetteville Technical Institute	Eastern North Carolina	03	24
Holding Technical Institute	Eastern North Carolina	03	26
North Carolina State University	Eastern North Carolina	03	89
The Citadel	Coastal South Carolina	03	85
South Carolina, University of	Columbia	03	51
Clemson University	Piedmont	03	105
Greenville Technical Education Center*	Piedmont	03	11
Iowa, University of	Cedar Rapids	04	36
Illinois, University of - Urbana	Central Illinois	04	405
Purdue University	Central Indiana	04	411
Rose-Hulman Institute of Technology	Central Indiana	04	54
Iowa State University	Central Iowa	04	175
Devry Institute of Technology - Illinois	Chicago	04	110
Illinois, University of - Chicago	Chicago	04	103
Illinois Institute of Technology	Chicago	04	79
Northwestern University	Chicago	04	122
Indiana Institute of Technology	Fort Wayne	04	18
Purdue University - Fort Wayne Campus*	Fort Wayne	04	12
Tri-State College	Fort Wayne	04	25
Bradley University	Illinois Valley	04	62
Milwaukee School of Engineering	Madison	04	61
Wisconsin, University of - Madison	Madison	04	188
Gateway Technical Institute*	Milwaukee	04	31
Marquette University	Milwaukee	04	102
Wisconsin, University of - Milwaukee	Milwaukee	04	58
Gateway Electronics Institute*	Nebraska	04	27
Nebraska at Lincoln, University of	Nebraska	04	86
Nebraska at Omaha, University of*	Nebraska	04	20
General Motors Institute	Northeastern Michigan	04	78
Lake Superior State College	Northeastern Wisconsin	04	20
Michigan Technological University	Northeastern Wisconsin	04	156
Northern Illinois University	Rock River Valley	04	69
Notre Dame, University of	Michiana	04	63
Detroit, University of	Southeastern Michigan	04	54
Lawrence Institute of Technology	Southeastern Michigan	04	121
Michigan State University	Southeastern Michigan	04	125
Michigan, University of - Dearborn Campus	Southeastern Michigan	04	27
St. Clair College of Technology*	Southeastern Michigan	04	20
Wayne State University	Southeastern Michigan	04	54
Windsor, University of	Southeastern Michigan	04	51
Toledo, University of	Toledo	04	82

SCHOOL	SECTION REGION	REGION	MEMBERSHIP 1979
Michigan, University of	Twin Cities	04	218
Minnesota, University of	Twin Cities	04	131
North Dakota, University of	Twin Cities	04	24
North Dakota State University	Twin Cities	04	77
South Dakota State University	Twin Cities	04	55
Wisconsin, University of - Stout*	Twin Cities	04	28
Western Michigan University	West Michigan	04	63
Purdue University - Calumet Campus	Calumet	04	74
Valparaiso Technical Institute*	Calumet	04	45
Valparaiso University	Calumet	04	45
Arkansas at Little Rock, University of	Arkansas	05	16
Lamar University	Beaumont	05	52
McNeese State University	Beaumont	05	5
Texas, University of - Austin	Central Texas	05	388
Del Mar College*	Corpus Christi	05	69
Texas A and I University	Corpus Christi	05	26
Southern Methodist University	Dallas	05	60
Colorado at Boulder, University of	Denver	05	156
Colorado at Colorado Springs, University of	Denver	05	21
Colorado State University	Denver	05	99
Colorado, University of - Denver Center	Denver	05	84
Metropolitan State College	Denver	05	65
Wyoming, University of	Denver	05	42
South Dakota School of Mines and Technology	Denver	05	88
Southern Colorado State College	Denver	05	33
United States Air Force Academy	Denver	05	10
New Mexico State University	El Paso	05	97
Texas at El Paso, University of	El Paso	05	61
Texas at Arlington, University of	Fort Worth	05	103
Houston, University of - College of Engineering	Houston	05	113
Houston, University of - College of Technology	Houston	05	25
University of Houston - Clear Lake	Houston	05	
Prairie View A & M University	Houston	05	45
Rice University	Houston	05	106
Texas A & M University	Houston	05	396
Central Missouri State University	Kansas City	05	23
Kansas State University	Kansas City	05	103
Kansas, University of	Kansas City	05	90
Missouri Institute of Technology*	Kansas City	05	28
Southwest Missouri State College	Kansas City	05	36
Oklahoma, University of	Oklahoma City	05	38
Missouri, University of - Rolla	Saint Louis	05	296
Missouri at Columbia, University of	Saint Louis	05	114
Southern Illinois University	Saint Louis	05	50
Southern Illinois University at Carbondale	Saint Louis	05	40
Washington University	Saint Louis	05	75
Letourneau College	Shreveport	05	35
Louisiana Tech University	Shreveport	05	96
Northwestern State College of Louisiana	Shreveport	05	20
Texas Tech University	South Plains	05	150
Oklahoma State University	Tulsa	05	90
Tulsa, University of	Tulsa	05	10
Wichita State University	Wichita	05	35
Arkansas, University of	Ozark	05	94
Southwestern Louisiana, University of	Lafayette	05	58
New Mexico, University of	Albuquerque	06	69
Alaska, University of	Alaska	06	24
California Polytechnic State University - Pomona	Foothill	06	78
Hawaii, University of	Hawaii	06	40
California State College - Los Angeles	Met Los Angeles	06	38
Northrop Institute of Technology	Met Los Angeles	06	35
Southern California, University of	Met Los Angeles	06	194
Montana State University	Montana	06	59
California State University - Fullerton	Orange County	06	35
California Irvine, University of	Orange County	06	80
Arizona State University	Phoenix	06	105
Devry Institute of Technology - Arizona	Phoenix	06	77
Northern Arizona University	Phoenix	06	35
Oregon Institute of Technology*	Portland	06	45
Portland State College	Portland	06	34
Portland, University of	Portland	06	48
Oregon State University	Portland	06	101
California Davis, University of	Sacramento	06	121
California State University - Sacramento	Sacramento	06	106



SCHOOL	SECTION LOCATION	REGION	MEMBERSHIP 1979
California State University - Chico	Sacramento	06	46
Nevada, University of	Sacramento	06	44
Pacific, University of	Sacramento	06	32
California State University - San Diego*	San Diego	06	88
California State University - Northridge	San Fernando Valley	06	42
Los Angeles Pierce College*	San Fernando Valley	06	51
California State University - Fresno	San Francisco	06	57
San Francisco State University	San Francisco	06	30
Stanford University	San Francisco	06	239
California Berkeley, University of	San Francisco	06	390
California State University - San Jose	San Francisco	06	120
Foothill College*	San Francisco	06	21
Santa Clara, University of	San Francisco	06	44
United States Naval Postgraduate School	San Francisco	06	42
Heald Engineering College	San Francisco	06	2
California Polytechnic State University - San Luis Obispo	Santa Barbara	06	64
California, University of - Santa Barbara	Santa Barbara	06	79
California Los Angeles, University of	Santa Monica Bay	06	189
Loyola Marymount University	Santa Monica Bay	06	17
Seattle University	Seattle	06	18
Washington, University of	Seattle	06	149
California State College - Long Beach	South Bay Harbor	06	69
Gonzaga University	Spokane	06	10
Idaho, University of	Spokane	06	81
Washington State University	Spokane	06	128
Arizona, University of	Tucson	06	108
Brigham Young University	Utah	06	62
Utah State University	Utah	06	26
Utah, University of	Utah	06	58
Queens University	Bay of Quinte	07	86
Royal Military College of Canada	Bay of Quinte	07	12
Saint Lawrence College of Applied Arts and Technology*	Bay of Quinte	07	16
McMaster University	Hamilton	07	84
Mohawk College of Applied Arts and Technology*	Hamilton	07	77
Niagara College*	Niagara International	07	77
Conestoga College of Applied Arts and Technology*	Kitchener-Waterloo	07	28
Northern College of Applied Arts and Technology*	Kitchener-Waterloo	07	7
Waterloo, University of	Kitchener-Waterloo	07	175
Fanshawe College	London	07	143
Western Ontario, University of	London	07	33
Concordia University	Montreal	07	61
Ecole Polytechnique	Montreal	07	171
McGill University	Montreal	07	167
Alberta, University of*	Northern Canada	07	50
Algonquin College of Applied Arts and Technology*	Ottawa	07	44
Carleton University	Ottawa	07	145
Ottawa, University of	Ottawa	07	73
Laval University	Quebec	07	102
Saskatchewan Technical Institute*	Saskatchewan	07	85
Saskatchewan, University of	Saskatchewan	07	114
Quebec - Trois Rivieres, University of	Saint Maurice	07	18
Calgary, University of	Southern Alberta	07	54
Southern Alberta Institute of Technology*	Southern Alberta	07	15
Centennial College of Applied Arts and Technology	Toronto	07	39
Control Data Institute	Toronto	07	7
Radio College of Canada*	Toronto	07	24
Ryerson Polytechnic Institute*	Toronto	07	103
Seneca College of Applied Arts and Technology*	Toronto	07	90
Toronto, University of	Toronto	07	233
British Columbia Institute of Technology*	Vancouver	07	9
British Columbia, University of	Vancouver	07	136
Manitoba, University of	Winnipeg	07	120
Red River Community College	Winnipeg	07	85
Memorial University of Newfoundland	Canadian Atlantic	07	54
Nova Scotia Technical College	Canadian Atlantic	07	81
New Brunswick, University of	Canadian Atlantic	07	84
Quebec, University of - Ecole de Tec Superieure	Montreal	07	9
Catholic University of Louvain	Benelux	08	96
Katholieke Universiteit Te Leuven	Benelux	08	53
Liege, Universiteit, au Sart Tilman	Benelux	08	87
Technische Hogeschool Twente	Benelux	08	19
Cairo, University of	Egypt	08	9

SCHOOL	SECTION LOCATION	REGION	MEMBERSHIP 1979
Ecole Nat Sup des Telecommunications	France	08	5
Ecole Sup Ing d'Electrotechnique	France	08	1
Institut Sup d'Electronique du Nord	France	08	0
Institut Sup Electronique de Paris	France	08	0
Nat Polytech de Grenoble	France	08	2
Ecole Polytechnique Federale	Switzerland	08	46
Swiss Federal Institute of Technology	Switzerland	08	42
Israel Institute of Technology	Israel	08	33
Tel Aviv University	Israel	08	11
Bologna, University of	North Italy	08	15
Geneva, University of	North Italy	08	7
Padova, University of	North Italy	08	58
Politecnico di Milano	North Italy	08	65
Politecnico de Torino	North Italy	08	4
Trieste, University of	North Italy	08	41
UKRI Section Student Branch	UKRI	08	0
Chalmers University of Technology	Sweden	08	59
Linkoping University	Sweden	08	28
Lund University - Lund Institute of Technology	Sweden	08	33
Royal Institute of Technology	Sweden	08	22
Uppsala, University of	Sweden	08	38
Rome, University of	Middle & South Italy	08	35
Escuela Tec Sup de Ing de Telecom	Spain	08	140
Aristotelian University of Thessalonika	Greece	08	0
Technical University of Athens	Greece	08	52
Ljubljana, University of	Yugoslavia	08	4
Oulu, University of	Finland	08	29
Tampere University of Technology	Finland	08	38
Technical University of Helsinki	Finland	08	61
Malta, University of	Malta	08	0
Buenos Aires, University of	Argentina	09	59
Inst Tec de Buenos Aires	Argentina	09	12
Universidad del Sur	Argentina	09	8
Universidad Nacional de Tucuman	Argentina	09	16
Universidad Catolica de Chile	Chile	09	18
Universidad Tecnica del Estado	Chile	09	0
Centro Col Estudios Profesionales	Colombia	09	0
Distrital Fran Jose de Caldas Universidad	Colombia	09	74
Pontificia Universidad Javeriana	Colombia	09	41
Universidad de Los Andes	Colombia	09	13
Universidad Industrial de Santander	Colombia	09	12
Universidad Nacional de Colombia	Colombia	09	32
Instituto Tecnologico Regional de Saltillo	Mexico	09	0
Universidad de Guanajuato	Mexico	09	0
Escuela Sup Ingenieria Mec y Elec	Mexico	09	27
Universidad de las Americas	Mexico	09	10
Universidad Nac Autonoma de Mexico	Mexico	09	23
Instituto Tec y de Est Sup de Monterey	Mexico	09	104
Puerto Rico, University of	Puerto Rico & V.I.	09	54
Escola Federal de Engenharia de Itajuba	Brazilia	09	0
Universidad Federal do Rio de Janeiro	Rio de Janeiro	09	4
Escola de Eng. da Sao Carlos da U. de S.P.	Sao Paulo	09	55
Escola Pol. Univ. de Sao Paulo	Sao Paulo	09	38
Estadual de Campinas Universidade	Sao Paulo	09	19
Mackenzie University	Sao Paulo	09	92
Universidad Central de Venezuela	Venezuela	09	14
Universidad de Carabobo	Venezuela	09	38
Universidad Nacional de Ingeniera - Lima	Peru	09	64
Centroamericana Universidad	Central America	09	0
Universidad de El Salvador	Central America	09	0
Universidad de San Carlos de Guatemala	Central America	09	33
Universidad de Costa Rica	Central America	09	1
Escuela Politecnica Nacional*	Ecuador	09	60
Chinese University of Hong Kong	Hong Kong	10	124
Hong Kong Polytechnic	Hong Kong	10	92
Hong Kong, University of	Hong Kong	10	98
Indian Institute of Technology - Bombay	India	10	78
Regional Engineering College - Tiruchirapally	India	10	0
Regional Engineering College - Warangal	India	10	73
Indian Institute of Technology - Kanpur	India	10	18
Indian Institute of Technology - Delhi	India	10	21
College of External Studies	Australia	10	0
P.S.G. College of Technology	Australia	10	64
Osaka University	Tokyo	10	17
Shizuoka University Graduate School	Tokyo	10	46
Tokyo, University of	Tokyo	10	65
Korea Advanced Institute of Science	Korea	10	126
Seoul National University	Korea	10	85

## SECTION C

Table 1 - Society/Group Membership, by Grade, December 31, 1979; 3-Year Comparison

Code No.	Society/Group Name	H	F	SM	M	A	Sub-Total	S	1979 Total	1978 Total	1977 Total
1	Acoustics, Speech & Signal Processing		167	513	4,873	356	5,909	1,676	7,585	6,899	6,336
2	Broadcast, Cable & Consumer Electronics		131	535	4,599	694	5,959	1,163	7,122	6,697	6,319
3	Antennas & Propagation		239	652	2,827	195	3,913	747	4,660	4,453	4,405
4	Circuits & Systems		240	608	6,439	571	7,858	2,724	10,582	10,074	9,921
5	Nuclear & Plasma Sciences		97	374	1,795	161	2,427	437	2,864	2,721	2,659
6	Vehicular Technology		64	338	1,799	261	2,462	212	2,674	2,569	2,470
7	Reliability		70	380	2,134	201	2,785	144	2,929	2,807	2,651
9	Instrumentation & Measurement		133	507	3,647	362	4,649	655	5,304	5,081	4,996
10	Aerospace & Electronic Systems		240	938	4,662	306	6,146	949	7,095	6,913	6,701
12	Information Theory		184	402	3,124	211	3,921	1,020	4,941	4,797	4,616
13	Industrial Electronics & Control Instrumentation		70	443	3,987	360	4,860	863	5,723	5,306	5,197
14	Engineering Management		121	858	5,701	397	7,077	756	7,833	7,408	6,991
15	Electron Devices		309	797	5,604	351	7,061	1,551	8,612	7,998	7,712
16	Computer		379	1,697	27,856	2,222	32,154	7,833	39,987	35,388	29,202
17	Microwave Theory & Techniques		250	690	3,843	266	5,049	883	5,932	5,694	5,605
18	Engineering in Medicine & Biology		143	517	4,463	398	5,521	1,798	7,319	7,307	7,389
19	Communications		350	1,294	8,719	684	11,047	2,427	13,474	12,336	11,572
20	Sonics & Ultrasonics		81	241	1,399	133	1,854	348	2,202	2,073	1,978
21	Components, Hybrids & Manufacturing Technology		67	333	2,021	248	2,669	248	2,917	2,849	2,728
23	Control Systems		160	502	5,141	264	6,067	1,707	7,774	7,329	7,104
25	Education		164	463	1,283	125	2,035	186	2,221	2,192	2,133
26	Professional Communication		31	220	1,315	174	1,740	182	1,922	1,738	1,412
27	Electromagnetic Compatibility		74	290	1,235	114	1,713	155	1,868	1,727	1,629
28	Systems, Man & Cybernetics		134	378	2,963	188	3,663	1,025	4,688	4,798	4,847
29	Geoscience Electronics		49	173	988	89	1,299	180	1,479	1,403	1,328
31	Power Engineering		579	3,873	14,440	873	19,765	1,401	21,166	20,571	19,817
32	Electrical Insulation		70	297	963	97	1,427	97	1,524	1,432	1,410
33	Magnetics		92	328	1,621	147	2,188	224	2,412	2,183	2,045
34	Industry Applications		153	1,643	7,757	473	10,026	762	10,788	10,020	9,467
36	Quantum Electronics & Applications		131	312	1,913	149	2,505	756	3,261	3,049	2,946
	Totals	0	4,972	20,596	139,111	11,070	175,749	33,109	208,858	195,812	183,586

## SECTION C

TABLE 2 - Group/Society Membership, by Region, by Section, by Group and Society - 1979

REGION 1 Section	Total G/S Members	Total Affil- iates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36
Berkshire	175	0	5	2	0	3	0	0	1	4	12	1	4	5	5	31	0	4	2	1	4	16	0	1	3	7	1	50	9	1	2	1
Binghamton	529	13	16	22	7	24	3	2	15	6	39	10	12	25	21	171	7	6	15	0	10	19	1	5	7	9	0	37	5	9	19	7
Boston	8,169	207	350	199	219	380	107	72	130	232	412	273	149	322	363	1834	310	341	561	89	160	361	47	76	51	193	59	432	36	95	173	143
Buffalo	786	21	26	40	12	31	15	12	8	18	28	13	39	23	19	154	10	29	20	3	13	32	6	8	4	14	1	85	12	6	98	7
Connecticut	3,000	47	126	118	43	152	46	22	54	76	71	61	75	134	106	614	58	132	202	57	48	91	27	31	24	64	24	258	33	27	163	63
Ithaca	337	14	13	10	3	22	12	2	11	2	9	5	10	29	78	20	18	10	4	1	9	5	5	2	5	3	12	1	3	11	20	
Long Island	2,755	52	84	130	77	122	58	44	73	62	181	55	38	126	86	528	133	106	155	34	57	69	28	34	43	48	18	212	17	31	68	38
Maine	257	6	8	10	7	11	1	8	1	2	6	0	9	7	10	40	11	10	20	6	3	4	2	2	1	1	4	34	1	1	34	3
Mid-Hudson	892	17	20	23	5	52	7	6	20	11	11	16	12	26	113	322	7	26	34	8	24	16	10	9	3	11	2	58	5	11	17	7
Mohawk Valley	506	13	18	10	23	25	4	1	23	7	48	20	6	24	22	105	13	8	31	1	7	22	9	5	16	13	3	24	1	3	7	7
New Hampshire	960	23	37	34	30	43	11	11	16	23	36	14	25	55	27	239	42	23	55	7	21	19	14	12	7	11	5	91	6	14	20	12
New Jersey Coast	1,679	36	54	32	44	66	14	27	26	27	53	53	20	60	64	429	60	33	302	18	26	47	10	20	30	36	4	49	4	13	21	37
New York	5,634	168	199	276	85	300	77	56	62	104	157	136	103	177	199	1308	137	332	431	51	71	136	57	62	33	122	23	491	42	52	195	80
North Jersey	4,041	68	127	145	55	192	45	64	66	149	141	91	101	175	155	784	92	136	360	35	57	94	38	39	32	61	15	408	50	57	229	48
Princeton	1,712	37	64	78	27	75	35	15	17	47	33	38	40	60	134	372	56	72	146	26	20	47	11	14	5	41	7	109	10	19	61	33
Providence	850	18	65	27	11	41	8	2	11	21	28	26	20	23	27	205	10	35	39	14	9	30	8	3	4	25	13	78	15	7	23	22
Rochester	997	18	41	30	14	32	7	21	18	24	19	18	36	46	64	236	10	33	63	12	15	41	9	13	6	16	3	83	3	16	48	20
Schenectady	1,251	20	42	18	9	42	33	8	11	28	16	29	28	25	61	152	23	39	47	13	5	57	17	4	11	29	5	329	25	25	110	10
Springfield	338	4	14	20	11	18	5	1	2	5	9	14	11	5	11	73	11	5	24	4	2	7	5	5	1	11	1	35	1	3	15	9
Syracuse	768	10	38	33	44	41	7	4	13	10	57	16	11	22	47	135	36	22	21	11	12	18	10	10	13	16	1	71	2	1	39	7
Vermont	313	6	10	8	2	31	2	4	7	8	3	1	2	9	64	82	3	13	7	3	6	9	2	0	1	5	1	20	2	2	4	2
Worcester County	584	24	26	22	5	38	6	4	9	14	9	10	10	25	19	166	10	24	29	8	8	15	5	4	3	9	3	66	2	12	17	6
TOTALS	36,533	822	1383	1287	733	1741	503	386	585	889	1371	904	756	1384	1646	8138	1059	1447	2574	405	579	1159	321	362	300	747	196	3032	282	408	1374	582

REGION 2 Section	Total G/S Members	Total Affil- iates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36
Akron	384	5	4	10	5	14	8	4	4	9	13	1	11	11	6	58	4	14	7	2	4	17	1	4	3	4	3	92	12	1	57	1
Allegheny Mountain	47	0	0	1	0	1	0	1	1	1	0	1	3	3	1	5	1	2	2	0	5	1	1	0	0	0	0	5	0	4	7	1
Baltimore	2,463	62	93	57	75	91	28	17	61	50	203	67	28	116	85	493	94	98	151	23	23	67	15	25	68	31	10	215	9	16	124	30
Canton	179	1	1	7	3	6	4	4	0	7	3	2	8	5	3	29	2	2	7	2	0	2	2	1	2	0	1	50	2	3	19	2
Central Pennsylvania	282	5	12	12	8	13	5	1	1	2	18	9	4	6	15	69	11	16	13	8	1	13	8	1	0	5	0	16	0	3	8	4
Cincinnati	634	11	30	18	5	32	8	8	1	11	7	3	34	26	27	125	6	26	22	5	8	28	9	2	4	12	1	73	4	7	81	11
Cleveland	1,454	15	51	44	15	47	32	38	11	48	17	18	85	63	39	226	12	88	48	24	16	56	10	10	4	34	5	181	12	16	187	15
Columbus	1,357	31	23	40	66	52	22	21	14	40	36	20	47	49	28	324	39	28	82	8	14	53	18	13	9	40	12	139	10	12	82	16
Dayton	1,250	29	26	35	30	36	11	16	16	22	142	30	18	108	55	290	24	50	59	5	14	48	13	11	18	25	2	61	4	11	41	29
Delaware Bay	368	18	11	2	3	12	2	3	3	8	3	3	13	14	9	113	2	14	7	0	5	15	2	3	0	10	4	47	10	3	44	3
Eastern Shore	106	4	3	6	2	1	0	0	1	1	4	0	3	6	2	38	3	1	4	0	1	0	1	2	1	0	1	18	1	1	4	1
Erie	159	1	2	2	0	7	1	4	0	4	4	1	10	6	0	15	0	4	4	3	3	5	3	3	4	2	0	22	6	4	40	0
Johnstown	107	0	3	6	2	8	1	2	1	2	5	1	8	4	3	12	1	3	5	0	1	3	3	2	1	0	0	14	0	0	15	1
Lehigh Valley	908	6	12	32	5	37	15	5	14	17	15	6	31	32	96	129	22	17	27	6	33	20	9	8	1	7	2	194	10	13	79	14
Lima	53	0	0	0	0	0	2	0	0	3	2	0	3	6	3	10	1	0	3	0	0	2	1	0	0	1	0	8	1	0	7	0
North Central Ohio	62	0	2	1	0	1	0	0	0	0	1	0	0	5	0	9	0	2	17	0	1	0	1	2	0	2	0	12	0	0	6	0
Northern Virginia	3,434	162	168	95	133	82	32	83	67	45	260	134	27	219	63	832	69	54	445	16	16	104	17	28	64	103	42	120	4	11	52	49
Ohio Valley	64	0	0	6	0	1	1	0	1	1	1	1	1	3	1	9	0	2	1	2	0	0	0	0	0	1	0	14	1	1	15	1
Philadelphia	4,261	91	136	150	77	157	52	44	74	84	178	80	77	189	98	1030	83	202	224	26	84	115	43	50	34	111	13	504	28	50	243	25
Pittsburgh	2,279	21	51	44	14	73	41	18	26	44	19	26	76	88	61	350	16	58	50	23	5	87	31	20	8	56	10	514	38	45	364	23
Sharon	205	2	5	11	1	9	2	3	2	6	5	1	14	2	8	23	2	3	5	0	2	7	5	1	2	1	1	48	7	2	25	2
Southern New Jersey	126	4	2	5	1	3	2	3	0	2	12	1	3	7	3	37	0	3	5	2	1	5	1	0	1	5	1	14	1	1	5	0
Susquehanna	423	12	9	36	3	17	7	10	7	11	4	4	18	20	12	91	9	12	18	12	15	5	3	5	3	9	1	33	3	6	32	8
Washington	4,869	267	177	141	178	135	114	71	70	137	330	174	34	229	146	1179	161	152	464	50	38	130	33	54	75	104	49	250	19	37	76	62
West Virginia	162	2	3	6	3	6	1	3	1	4	1	1	9	5	0	21	5	8	12	0	0	6	1	0	1	1	0	25	1	0	36	2
TOTALS	25,636	749	824	767	629	841	391	359	376	559	1283	584	565	1222	764	5517	567	859	1682	217	290	791	231	245	303	564	158	2669	183	247	1649	300

TABLE 2 - Group/Society Membership, by Region, by Section, by Group and Society - 1979

SECTION C

REGION 3 Section	Total G/S Members	Total Affil- iates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	OEA 36
Alabama	602	11	14	13	7	17	5	4	5	11	9	3	13	20	12	113	3	21	76	1	3	16	17	8	1	7	1	140	7	6	45	4
Atlanta	2,012	21	78	69	84	84	15	21	9	44	75	25	37	72	30	409	71	51	162	5	8	46	24	23	29	29	4	325	10	7	134	32
Baton Rouge	198	1	3	2	0	5	1	0	2	4	0	3	13	9	6	35	1	6	7	0	1	9	3	0	0	4	1	35	1	2	44	1
Broward	448	8	10	16	12	27	5	16	9	7	15	3	5	37	13	94	16	20	30	3	8	8	2	5	2	5	1	58	1	3	15	2
Canaveral	704	7	26	23	33	36	6	10	10	15	44	24	6	27	41	154	31	14	87	4	9	17	8	7	9	4	7	29	2	2	9	10
Central North Carolina	128	0	7	5	1	9	0	3	4	0	0	4	7	12	6	33	0	2	9	2	2	3	0	6	0	0	2	3	0	0	7	1
Central Savannah River	73	6	2	3	1	3	1	0	0	3	0	0	2	3	2	20	0	7	6	1	0	1	0	0	0	0	0	10	0	0	8	0
Central Virginia	500	10	21	14	10	23	7	30	6	11	12	13	15	23	12	87	15	21	38	7	8	21	9	7	6	18	1	35	3	4	13	10
Charlotte	463	3	7	16	4	7	5	3	0	12	2	0	19	20	3	60	1	3	38	0	3	6	2	2	1	0	1	182	11	7	43	5
Chattanooga	229	3	2	5	0	5	5	0	1	6	1	0	8	12	0	11	0	1	6	0	1	7	1	3	0	2	0	133	2	1	16	0
Coastal South Carolina	109	1	3	6	2	4	3	1	2	2	0	0	6	6	2	13	1	7	4	0	1	3	2	3	1	1	0	22	0	0	13	1
Columbia	224	5	5	8	1	11	1	5	2	3	1	3	2	13	3	77	3	4	21	0	2	11	2	2	1	3	1	18	3	1	17	0
Daytona	104	3	5	2	1	2	0	0	0	3	3	3	3	6	1	36	1	1	4	0	1	4	0	3	2	3	1	15	0	0	3	1
Eastern North Carolina	923	28	30	28	16	36	10	13	7	24	18	23	22	39	24	212	19	73	94	6	8	23	9	6	3	22	8	100	2	8	29	11
East Tennessee	582	12	14	21	3	19	28	1	10	18	10	8	22	13	14	133	3	15	17	3	5	21	2	2	1	8	2	130	5	2	48	4
Evansville-Owensboro	193	1	3	8	3	11	4	1	1	2	4	3	7	15	10	27	5	9	1	0	8	10	5	2	1	2	2	28	0	3	18	0
Florida West Coast	1,059	12	39	29	15	49	11	16	23	27	43	18	23	41	22	209	51	23	69	7	20	29	10	7	8	11	7	172	7	9	56	8
Fort Walton	100	2	3	4	1	3	1	0	3	1	10	3	1	8	3	24	5	1	3	0	0	10	1	1	2	4	0	3	1	2	1	1
Gainesville	311	7	18	16	5	19	4	3	1	6	4	11	6	2	29	53	6	13	24	1	1	18	6	0	4	9	3	29	1	4	6	9
Hampton Roads	458	21	18	30	7	32	9	2	4	8	26	12	9	19	10	119	8	13	26	2	1	30	5	1	3	12	4	22	0	3	19	4
Huntsville	642	40	21	13	17	23	11	7	15	18	53	11	12	29	9	213	19	9	28	4	11	52	3	1	2	12	4	17	0	5	12	11
Jacksonville	109	2	0	7	0	6	0	2	0	0	2	0	3	9	0	15	0	1	6	0	0	4	1	0	0	0	0	35	1	0	17	0
Lexington	215	10	8	4	6	12	1	0	3	2	6	4	5	13	5	50	5	8	8	5	3	9	0	1	3	6	0	21	3	4	20	0
Louisville	259	4	7	17	5	17	1	7	2	4	5	1	13	8	5	54	5	10	12	1	1	7	2	0	1	3	0	29	0	3	36	3
Memphis	316	5	7	16	12	12	6	2	3	3	5	4	9	10	4	62	10	25	11	1	3	9	6	3	5	5	2	51	2	3	22	3
Miami	769	12	17	18	7	27	7	13	11	25	14	6	15	61	13	115	11	71	55	7	11	9	7	6	5	9	7	167	3	2	47	3
Middle Tennessee	57	1	1	1	0	3	0	0	0	3	6	0	1	2	0	14	0	2	1	0	0	2	1	1	0	0	0	10	0	0	8	1
Mississippi	171	2	1	11	5	2	3	3	0	5	0	3	4	10	6	26	5	3	9	0	0	5	4	1	3	2	3	47	0	2	7	1
Mobile	74	1	2	3	0	2	1	1	1	1	0	0	3	6	2	14	0	6	1	0	1	3	0	0	1	1	0	13	0	0	12	0
Nashville	309	9	12	12	4	20	2	3	0	3	4	2	6	14	6	65	8	30	20	3	4	10	4	2	0	10	1	32	0	5	22	5
New Orleans	584	2	18	15	12	15	2	6	4	18	15	7	23	10	7	100	7	26	57	5	0	15	3	6	7	4	14	124	1	1	59	3
Oak Ridge	120	3	3	5	0	4	37	2	1	5	1	1	4	5	4	19	2	1	1	1	1	0	1	0	0	0	2	13	1	1	4	1
Orlando	622	9	22	19	14	20	4	14	12	8	35	7	13	22	17	173	27	13	72	5	13	18	5	8	10	6	2	29	2	5	16	11
Palm Beach	352	10	9	13	5	21	5	7	6	9	10	5	6	19	13	83	7	7	17	5	8	12	4	3	3	8	3	39	3	6	11	5
Panama City	103	1	5	9	3	3	3	1	0	2	2	1	2	7	3	22	2	3	4	2	0	2	0	1	1	2	0	8	1	1	12	1
Pensacola	54	0	2	3	2	1	0	0	0	1	1	0	2	2	0	15	0	6	2	0	0	4	0	1	0	0	0	8	0	0	3	1
Piedmont	214	3	2	4	2	7	2	2	5	4	1	3	7	9	5	48	1	8	5	1	5	8	6	3	0	5	1	27	3	1	38	1
Richmond	368	12	8	8	8	10	4	6	1	9	6	1	18	17	4	76	6	10	13	4	1	17	0	4	6	6	3	81	5	2	34	0
Savannah	45	0	1	3	0	1	0	0	0	0	0	0	3	1	2	6	0	0	1	0	0	2	0	0	0	1	0	15	1	1	7	0
Virginia Mountain	417	4	12	15	5	18	5	2	1	3	8	5	21	15	9	87	10	9	31	2	2	20	5	4	2	7	0	52	2	3	52	10
Western North Carolina	108	2	2	5	3	4	2	0	0	3	2	2	2	4	2	11	3	2	8	1	4	2	2	0	1	2	1	15	2	3	18	2
Winston-Salem	96	0	4	5	1	3	0	0	0	2	5	1	3	3	2	28	0	7	7	4	1	1	0	3	1	0	1	9	0	0	3	2
TOTALS	15,424	294	472	524	317	633	217	207	164	335	458	223	401	673	361	3215	368	562	1091	93	159	504	162	136	125	233	90	2331	86	112	1004	168

TABLE 2 - Group/Society Membership, by Region, by Section, by Group and Society - 1979

SECTION C

REGION 4	Total G/S Members	Total Affiliates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36
Arrowhead	79	0	1	2	0	4	0	2	0	1	0	0	4	3	1	7	0	1	0	0	0	1	1	0	0	1	1	40	0	0	8	1
Calumet	372	7	10	15	2	16	5	5	1	5	4	9	26	16	4	67	6	15	20	0	0	19	3	1	1	4	1	61	1	4	50	1
Cedar Rapids	385	7	13	11	11	26	4	10	9	8	18	11	6	18	5	104	16	13	29	5	6	15	1	1	7	6	0	18	0	1	11	2
Central Illinois	902	14	27	22	38	62	21	6	3	15	16	21	13	27	48	175	37	34	54	13	4	42	12	5	3	20	3	102	4	5	37	33
Central Indiana	1,597	23	84	93	15	88	10	30	18	39	35	40	46	39	70	300	23	68	75	33	21	60	24	10	6	49	12	209	9	23	53	15
Central Iowa	323	8	9	9	4	13	3	1	1	3	4	3	6	10	4	89	5	11	16	1	3	13	13	0	4	5	0	61	1	6	21	7
Chicago	5,227	141	158	289	74	242	97	124	76	128	67	58	151	227	113	1208	112	215	318	63	91	102	36	41	39	79	20	629	41	49	334	46
Fort Wayne	378	4	13	31	3	21	7	11	4	8	14	6	7	18	14	73	8	8	23	2	12	8	1	2	1	3	1	38	10	3	22	6
Illinois Valley	129	3	4	7	1	4	1	4	1	4	0	3	5	8	0	23	0	5	4	0	0	2	2	2	1	1	0	21	1	1	24	0
Iowa-Illinois	176	3	2	2	0	5	2	1	0	2	3	1	7	10	2	27	3	2	1	1	1	5	3	3	0	2	0	63	0	1	25	2
Madison	551	14	22	16	9	24	11	3	8	11	8	7	14	15	12	122	13	42	25	4	2	30	12	5	1	11	0	87	1	6	24	6
Michiana	316	4	20	19	5	13	3	5	3	10	7	12	15	14	7	55	3	16	15	3	8	18	5	3	1	9	2	19	3	4	19	0
Milwaukee	1,473	18	33	57	11	57	10	13	14	38	19	11	70	62	30	264	18	101	46	14	22	48	15	10	6	28	3	197	16	32	217	11
Nebraska	582	6	8	19	7	19	7	11	2	10	8	6	20	39	12	100	6	19	34	3	3	11	2	4	4	4	3	178	4	0	30	9
Northeast Michigan	196	7	2	2	0	11	2	7	3	12	0	0	13	6	3	43	0	12	4	1	3	6	2	1	2	2	1	23	8	2	24	1
Northeastern Wisconsin	376	4	9	13	4	16	5	4	2	14	4	3	23	10	3	66	2	13	13	2	1	19	12	4	2	5	0	71	5	1	47	3
Rock River Valley	199	3	5	11	2	11	2	5	3	8	6	0	12	8	8	31	2	3	10	6	5	5	2	5	1	0	0	26	4	2	12	4
Siouxland	108	3	0	10	1	4	1	0	0	1	2	2	0	2	3	23	2	4	10	0	0	2	4	2	0	3	1	25	1	0	5	0
Southeastern Michigan	3,483	65	110	98	53	163	44	162	34	90	75	66	121	141	118	776	67	128	136	33	25	152	41	31	31	95	5	398	23	30	192	45
Southern Minnesota	226	9	8	9	0	14	4	3	1	5	2	2	1	5	6	98	1	18	6	2	6	4	2	3	0	4	0	12	0	5	5	0
Toledo	292	5	5	6	1	17	2	7	1	10	3	5	19	10	10	54	2	8	6	1	4	18	4	3	3	4	0	40	0	3	44	2
Missouri Slope	2,455	50	75	57	26	123	18	22	47	45	63	43	64	92	123	595	45	133	109	20	43	93	22	26	24	65	7	254	9	71	113	28
West Michigan	406	10	8	15	6	17	1	10	9	13	15	4	13	21	7	104	4	12	16	6	6	23	6	4	3	6	1	35	4	7	26	4
TOTALS	20,231	408	626	813	273	970	260	446	240	480	373	313	656	801	603	4404	375	881	970	213	266	696	225	166	137	406	61	2607	145	256	1343	226

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REGION 5	Total G/S Members	Total Affiliates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36	
Arkansas	248	1	4	4	0	7	2	1	1	4	0	0	21	7	0	28	1	7	6	1	1	3	3	2	0	1	2	87	4	0	50	1	
Beaumont	147	1	3	4	5	7	4	2	1	3	2	1	5	1	2	22	3	3	5	0	0	8	4	0	0	1	2	38	1	1	18	1	
Central Texas	1,376	49	54	45	25	57	19	8	10	20	36	34	12	45	55	484	10	70	55	15	11	51	14	11	13	27	18	119	3	7	32	16	
Clear Lake	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corpus Christi	136	0	2	6	2	8	1	0	0	7	7	1	6	3	5	14	1	2	7	2	2	2	0	1	0	2	2	39	1	1	11	1	
Dallas	2,616	57	94	100	74	128	27	56	47	35	88	41	35	96	202	567	128	47	194	20	40	56	16	20	14	38	28	255	4	27	83	56	
Denver	2,810	68	105	84	107	132	35	38	28	93	75	51	57	103	109	625	76	109	133	21	26	100	27	23	44	49	47	284	8	32	144	45	
El Paso	304	6	11	12	10	14	6	1	2	7	19	8	3	17	8	74	5	5	12	2	2	9	6	4	1	10	6	26	0	3	14	7	
Fort Worth	771	14	23	33	25	47	7	17	5	10	60	10	11	31	18	158	16	23	43	8	8	33	5	7	8	11	5	112	1	9	19	8	
Houston	3,110	40	146	66	38	143	34	23	21	82	87	73	95	113	79	661	32	135	167	45	29	133	16	21	8	65	94	346	9	21	295	33	
Kansas City	1,112	15	34	43	29	51	19	10	11	17	38	19	26	42	24	220	30	38	65	3	14	15	25	13	6	14	21	218	4	3	47	13	
Lafayette	97	3	4	3	0	5	0	2	0	3	1	0	8	5	1	22	1	2	4	0	0	4	1	0	0	1	3	11	0	2	13	1	
Oklahoma City	450	4	20	18	8	19	6	6	4	6	8	5	10	21	6	104	10	15	20	5	0	8	4	4	3	10	4	84	0	5	30	7	
Ozark	108	0	3	4	3	5	3	1	0	0	5	1	1	3	6	20	2	7	6	1	0	6	2	0	0	4	2	17	0	0	5	1	
Panhandle	57	0	0	1	0	0	0	0	0	4	1	0	2	1	1	4	0	2	1	0	0	4	1	0	0	0	0	25	0	0	10	0	
Permian Basin	39	0	1	1	1	4	0	0	0	1	0	0	3	2	0	6	0	0	2	0	0	2	0	1	0	0	1	5	0	0	9	0	
Pikes Peak	354	3	10	6	6	20	7	1	9	4	11	6	6	15	38	94	6	11	18	1	5	14	7	1	2	10	2	19	1	5	10	9	
Saint Louis	2,035	50	63	57	30	90	25	17	21	45	104	40	65	76	51	421	34	69	91	21	19	93	23	16	14	36	13	262	12	14	191	22	
Shreveport	183	0	3	8	2	6	1	4	1	4	5	2	8	6	2	32	2	6	9	0	1	3	2	1	0	1	1	38	5	2	27	1	
South Plains	207	4	8	11	1	22	7	1	1	2	12	4	7	6	14	33	1	11	9	1	1	16	5	0	2	4	2	11	0	4	4	7	
Tulsa	521	9	31	10	6	19	8	3	3	11	9	13	21	20	4	89	4	11	14	6	1	36	7	5	3	6	23	94	3	6	50	5	
West Central Texas	61	0	0	3	0	2	0	1	0	1	1	0	0	5	0	5	0	0	10	1	0	0	0	2	0	0	2	23	2	0	3	0	
Michita	336	9	12	11	3	11	6	3	3	8	12	4	7	17	6	114	7	7	17	1	2	5	2	0	8	4	4	37	1	1	20	3	
TOTALS	17,079	333	631	530	375	797	215	197	168	367	581	313	409	635	631	3797	369	580	889	154	162	601	170	132	126	294	282	2150	59	143	1085	237	

## SECTION C

TABLE 2 - Group/Society Membership, by Region, by Section, by Group and Society - 1979

REGION & Section	Total G/S Members	Total Affili- ates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MTT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36	
Alamogordo-Holloman	26	1	0	0	2	0	2	0	0	1	2	1	0	5	0	5	2	1	2	0	0	2	0	0	0	0	1	0	0	0	0		
Alaska	207	5	6	12	7	2	2	7	0	6	6	3	7	4	3	33	1	4	24	0	0	3	3	8	2	3	5	41	1	2	10	2	
Albuquerque	772	19	23	10	38	38	50	5	10	19	26	15	12	35	47	135	18	16	22	9	12	26	9	3	22	15	10	98	3	5	16	25	
Boise	164	1	3	6	0	12	2	2	2	2	2	1	3	7	8	34	1	2	4	1	1	8	0	0	0	0	2	40	0	4	16	1	
Buenaventura	633	18	21	18	25	31	5	3	9	12	57	13	5	39	44	154	38	11	26	8	8	20	3	6	8	15	3	9	2	14	9	17	
China Lake	153	4	2	4	9	8	3	2	2	10	16	2	2	4	3	36	14	3	4	3	0	6	0	1	3	2	2	6	1	0	4	1	
Foothill	895	26	19	23	17	44	12	15	16	25	34	14	19	40	21	209	34	31	40	10	14	28	9	9	17	24	13	84	4	13	50	7	
Eastern Montana	26	0	0	1	0	1	0	1	0	1	0	0	1	0	0	2	0	0	2	0	0	0	1	0	0	0	1	12	0	0	2	1	
Fort Huachuca	76	0	0	3	3	4	2	0	0	3	3	1	2	6	1	9	0	0	14	1	0	2	0	2	6	2	0	10	1	0	0	1	
Hawaii	431	11	12	16	6	15	6	3	2	14	16	19	7	18	5	100	8	12	45	3	3	13	2	2	5	10	11	41	2	2	25	8	
Idaho	100	2	2	1	0	2	10	1	2	2	2	0	5	5	3	19	2	1	3	0	0	4	1	3	0	1	0	18	0	1	11	1	
Las Vegas	110	5	1	7	5	3	8	3	0	4	2	0	2	4	6	16	5	2	4	0	0	1	2	2	2	2	0	1	26	0	0	1	3
Los Alamos	194	21	4	2	1	4	44	3	2	3	0	1	6	5	7	50	1	4	3	2	0	4	0	2	1	3	3	6	1	2	6	24	
Met. Los Angeles	1,132	29	52	35	22	57	15	13	11	19	38	39	18	19	47	220	26	33	66	12	13	51	6	14	13	31	7	130	8	18	61	38	
Montana	126	1	2	4	3	4	1	4	2	1	2	1	2	4	3	37	3	2	5	0	1	5	3	2	0	3	2	21	1	0	7	1	
Oakland-East Bay	2,603	94	94	50	33	187	109	27	27	63	36	49	61	52	158	625	48	103	113	19	21	93	12	17	13	50	14	250	14	26	159	80	
Orange County	3,443	83	129	94	79	171	66	29	60	72	212	85	58	134	162	900	103	98	187	39	62	127	14	31	32	64	20	170	11	54	132	48	
Phoenix	1,890	28	40	55	37	101	16	32	38	35	58	31	33	58	132	447	69	27	94	18	42	51	20	19	10	21	12	281	9	13	58	33	
Portland	1,832	61	44	46	17	83	16	18	23	42	18	18	38	53	111	430	34	63	56	17	28	33	16	17	12	29	6	398	8	8	136	14	
Richland	239	5	6	6	3	9	17	3	1	6	1	3	10	11	4	40	0	6	3	4	1	9	3	3	1	6	4	59	1	2	11	6	
Sacramento	875	19	25	37	10	51	8	18	6	19	9	18	19	25	21	215	13	57	59	10	3	35	12	6	3	27	7	99	0	10	42	11	
San Diego	2,198	77	111	63	68	91	64	18	41	45	113	88	19	90	93	566	62	54	125	20	32	74	6	17	25	49	20	133	5	29	28	49	
San Fernando Valley	1,825	71	70	44	63	91	24	18	50	37	147	43	18	68	63	457	108	47	77	11	41	74	11	19	31	33	10	68	7	33	40	22	
San Francisco	1,651	57	46	59	16	76	27	27	19	27	29	27	27	56	71	350	50	59	95	10	15	44	10	24	9	37	10	270	5	15	124	17	
San Gabriel Valley	940	28	37	31	24	32	16	12	10	22	50	34	7	27	32	216	25	26	55	14	10	30	3	13	7	24	13	90	2	16	39	27	
Santa Barbara	722	17	37	23	29	49	10	8	8	18	35	18	14	20	35	160	35	19	31	21	18	22	13	6	12	16	6	13	2	19	12	13	
Santa Clara Valley	9,118	281	355	240	183	516	130	64	160	186	309	227	110	312	946	2370	404	213	608	109	191	254	51	60	72	214	48	256	29	214	114	173	
Santa Monica Bay	1,830	74	101	38	47	109	24	12	26	28	127	87	11	45	86	486	69	71	122	13	24	91	10	8	15	54	7	22	2	21	19	55	
Seattle	2,394	59	92	61	73	117	24	25	25	58	154	36	44	93	35	522	53	94	129	38	21	80	14	22	28	33	22	278	3	14	172	34	
South Bay Harbor	2,244	79	102	57	88	94	29	14	39	27	178	87	21	66	138	493	137	43	137	14	40	94	7	14	25	49	12	51	2	31	70	35	
Spokane	269	4	4	7	6	22	1	5	2	4	4	5	9	13	3	66	2	7	6	0	3	12	6	0	2	8	3	50	0	0	16	3	
Tucson	529	11	20	11	13	37	8	7	5	8	17	12	13	18	31	115	9	24	24	5	12	11	7	3	7	15	4	53	1	9	11	19	
Utah	747	25	51	26	16	33	8	4	6	16	15	18	13	23	28	215	19	40	30	13	3	23	10	4	5	7	8	66	0	4	38	5	
Vandenberg	102	6	4	4	1	3	0	1	0	2	10	2	0	5	1	41	0	4	9	0	0	2	1	2	0	1	2	4	0	1	2	0	
Wenatchee	33	0	0	6	1	0	0	1	0	0	1	0	0	1	0	2	1	0	3	0	0	0	0	0	0	0	0	14	0	0	3	0	
TOTALS	40,529	1,222	1515	1100	945	2097	759	405	604	837	1729	998	616	1361	2348	9775	1394	1177	2277	424	619	1332	265	339	388	846	289	3167	125	580	1444	774	

## SECTION C

TABLE 2 - Group/Society Membership, by Region, by Section, by Group and Society - 1979

REGION 7 Section	Total G/S Members	Total Affil- iates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36
Bay Quinte	337	0	15	5	2	18	3	3	3	12	10	13	14	10	2	67	6	7	24	3	3	11	3	5	2	6	3	33	4	8	40	2
Canadian Atlantic	195	1	8	7	7	9	1	6	1	8	5	3	8	3	5	29	3	14	13	1	1	7	4	2	1	4	5	20	2	1	14	3
Hamilton	657	5	24	28	6	34	7	3	7	12	17	14	30	23	16	128	11	20	32	6	8	21	13	5	3	6	3	97	6	5	63	9
Kitchener-Waterloo	515	4	18	23	9	45	2	5	6	9	8	14	10	18	30	134	14	14	38	3	2	18	7	5	1	20	0	27	8	4	16	7
London	260	3	15	18	3	19	0	4	1	3	6	1	11	10	3	56	2	9	16	6	2	6	3	4	0	4	1	26	2	1	24	4
Montreal	2,297	29	92	87	27	115	31	38	35	55	50	51	86	76	16	413	41	69	199	11	25	95	25	25	15	56	9	288	26	20	156	35
New Brunswick	101	1	2	5	3	3	1	0	0	2	0	1	4	1	0	27	2	2	5	0	0	4	4	2	1	2	0	20	0	0	10	0
Newfoundland-Labrador	82	1	4	4	2	7	0	0	0	2	3	1	2	0	0	19	3	4	3	0	0	5	0	1	0	1	4	12	0	1	4	0
Northern Canada	460	6	10	16	8	22	7	9	7	11	9	7	27	15	6	92	13	20	23	1	4	20	4	5	4	13	4	57	3	0	37	6
Ottawa	1,752	39	82	74	46	84	15	23	20	58	82	45	22	57	53	431	56	45	259	8	14	44	14	24	19	37	16	63	6	4	34	17
Quebec	195	3	11	17	4	8	0	5	1	10	3	4	8	3	0	40	2	8	16	1	1	4	2	2	0	6	1	19	4	1	7	7
Saint Maurice	60	0	1	7	0	2	1	1	2	2	1	0	4	2	0	7	0	3	5	3	0	3	2	1	0	2	0	3	1	0	5	2
Saskatchewan	240	7	8	6	1	12	4	3	4	6	4	3	7	11	5	53	1	9	17	1	2	11	7	3	0	8	0	32	4	3	13	2
Southern Alberta	475	6	27	22	4	32	7	4	2	13	8	4	23	14	11	90	5	15	23	6	4	20	3	5	1	10	8	59	0	2	45	8
Toronto	2,888	45	85	154	47	166	41	69	27	83	55	37	108	88	62	587	37	87	186	25	20	89	35	29	16	56	22	387	36	17	208	29
Vancouver	1,056	14	29	51	11	46	9	23	7	25	18	13	45	20	15	197	13	46	73	8	8	38	7	10	9	28	2	177	10	8	106	4
Victoria	82	3	1	4	1	3	4	0	3	3	0	4	3	1	20	0	2	5	0	0	0	1	2	2	0	0	0	10	0	0	11	1
Winnipeg	534	7	20	32	14	34	8	8	5	11	14	9	13	18	6	86	16	23	37	3	4	21	8	11	3	8	5	70	5	8	27	7
TOTALS	12,186	174	452	560	195	657	140	208	128	325	296	220	426	372	261	2476	225	397	974	86	98	418	143	141	75	267	83	1400	117	83	820	143

REGION 8 Section	Total G/S Members	Total Affil- iates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36
Benelux	2,093	35	111	84	48	176	44	22	30	76	53	87	54	47	109	351	54	78	156	28	28	130	41	9	14	67	14	70	12	28	50	22
Denmark	725	3	50	25	39	60	8	7	19	29	21	23	20	9	41	89	51	31	51	12	16	21	10	6	12	19	7	16	5	5	11	12
Egypt	250	0	5	6	11	14	4	2	0	2	4	8	2	6	14	29	18	11	19	3	3	18	4	2	1	6	1	31	5	2	15	4
Finland	654	5	37	25	26	42	8	3	9	28	13	28	31	16	22	130	26	21	42	6	8	38	5	4	6	36	5	8	5	5	15	6
France	1,533	17	60	27	38	72	37	14	38	56	65	68	45	35	64	187	71	37	100	34	40	81	27	11	21	48	18	88	23	46	41	41
Germany (West)	1,462	76	70	27	38	95	15	14	29	39	54	51	23	45	83	305	71	37	87	19	27	65	18	6	15	43	12	67	16	32	22	37
Greece	785	5	31	19	24	60	7	9	8	14	16	41	40	27	16	92	19	16	70	4	5	70	11	4	6	30	4	82	5	6	42	7
Iran	133	2	6	3	5	8	0	0	4	5	0	5	3	6	1	13	7	4	11	0	0	13	1	2	1	4	1	21	1	0	6	2
Israel	793	8	40	13	22	38	10	7	21	26	48	35	32	21	35	105	38	31	66	13	11	49	9	14	7	22	3	20	6	13	18	20
Middle & South Italy	766	5	25	23	33	53	14	9	18	28	30	34	17	14	51	86	37	33	49	17	15	32	13	12	13	23	6	33	7	9	13	19
North Italy	1,259	14	39	31	25	78	21	13	27	51	20	44	59	33	73	217	29	65	93	12	23	75	12	9	11	39	5	62	13	14	50	16
Norway	374	8	29	7	13	16	1	2	16	10	16	21	10	13	14	55	12	10	24	8	6	20	3	4	4	15	5	19	5	3	8	5
Poland	78	1	1	2	2	3	0	1	1	2	2	1	3	1	5	9	3	1	6	1	4	6	3	1	2	3	0	9	1	3	1	1
Spain	1,806	8	108	46	50	132	23	14	24	73	48	86	78	32	61	218	62	101	117	17	26	99	54	16	18	94	17	56	15	24	69	28
Sweden	1,615	12	96	49	37	105	20	25	34	89	55	68	39	30	59	257	59	69	87	19	28	82	24	16	30	52	15	65	23	17	31	35
Switzerland	1,386	14	74	37	29	83	18	15	32	59	36	49	52	46	63	219	43	39	91	22	36	56	24	11	32	33	12	71	19	20	35	30
U.K. & Rep. of Ire.	2,118	48	101	52	64	133	29	20	34	49	37	63	76	60	90	357	97	60	155	39	25	92	24	38	20	50	17	184	17	32	79	24
Yugoslav	262	2	8	9	4	18	3	1	9	14	2	7	16	7	15	32	7	7	13	1	6	24	5	1	3	17	0	13	3	2	10	5
Countries Outside Sec.	1,627	12	50	44	42	94	14	12	29	55	27	58	58	85	54	196	55	55	117	19	17	84	34	30	10	35	14	214	13	18	77	17
TOTALS	19,719	275	941	529	550	1280	276	190	382	705	547	777	658	533	870	2947	759	706	1354	274	324	1055	322	196	226	636	156	1129	194	279	593	331



TABLE 2 - Group/Society Membership, by Region, by Section, by Group and Society - 1979

SECTION C

REGION 9 Section	Total G/S Members	Total Affil- lates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36
Argentine	268	7	26	39	12	107	5	13	2	49	19	17	73	15	42	127	12	43	48	10	16	37	9	3	5	17	3	43	5	6	50	15
Bahia	237	2	2	7	4	12	4	1	3	14	0	3	16	2	7	14	3	11	16	1	3	7	3	4	0	4	2	56	4	1	33	0
Bolivia	30	0	0	0	0	0	1	0	0	0	0	1	1	1	0	4	3	1	2	1	0	0	0	0	0	1	0	8	1	1	4	0
Brazilia	41	0	1	2	2	4	0	0	2	0	1	0	0	2	0	4	0	0	4	0	0	2	2	1	0	2	0	11	1	0	0	0
Central America	322	1	3	6	4	11	1	3	1	7	2	3	14	18	4	37	4	9	16	2	1	17	8	5	1	7	2	80	4	3	47	2
Chile	348	3	6	9	7	20	6	2	1	8	9	6	43	11	6	58	4	24	19	2	2	21	5	2	2	9	4	24	2	3	30	3
Colombia	870	1	13	24	16	59	6	3	3	21	16	15	60	40	32	124	13	52	37	5	1	54	14	6	2	53	4	110	7	2	74	4
Ecuador	349	3	6	9	10	24	3	2	1	6	2	3	21	10	12	29	6	8	14	3	1	20	4	0	0	7	2	83	4	1	55	3
Jamaica	73	1	0	0	1	2	0	2	0	3	1	1	2	9	1	5	1	3	9	0	1	6	1	2	1	1	0	18	0	0	3	0
Mexico	1,402	10	29	47	24	60	15	11	15	52	14	22	68	71	26	187	28	48	80	17	19	77	44	18	5	55	15	181	36	8	116	14
Monterrey	239	0	6	6	4	9	1	1	0	6	3	1	16	17	4	38	2	9	21	6	2	12	5	1	1	11	0	27	4	2	23	1
Panama	157	0	1	6	3	8	1	3	2	5	0	0	12	5	2	15	2	6	8	1	2	10	1	3	0	1	0	25	2	0	30	3
Peru	596	0	12	36	26	42	6	2	6	26	8	15	48	18	26	36	31	15	40	9	4	45	2	3	4	13	4	53	11	2	47	6
P.R. & Virgin Is.	297	2	5	19	5	12	1	6	2	8	8	1	11	13	4	34	3	11	28	1	3	10	6	4	0	3	2	67	5	1	22	2
Rio de Janeiro	527	8	13	6	5	17	6	5	11	15	2	6	18	18	4	59	4	9	20	2	5	29	15	6	1	11	3	177	10	2	46	2
Sao Paulo	1,428	6	30	47	34	72	13	7	13	54	22	19	77	55	37	162	40	52	65	14	16	65	20	10	10	32	9	273	16	8	134	22
Venezuelan	394	9	21	31	24	36	4	11	8	36	9	9	58	35	16	92	20	27	66	7	13	36	22	8	2	13	3	170	9	5	100	3
Countries Outside Sec.	319	8	13	17	3	8	2	3	5	8	2	4	14	19	6	35	3	8	18	2	3	12	8	5	2	4	2	76	4	4	29	3
TOTALS	8,997	61	187	311	184	503	75	75	75	318	118	126	552	359	229	1060	179	333	511	83	92	460	169	81	36	244	55	1482	125	49	843	83

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REGION 10 Section	Total G/S Members	Total Affil- lates	ASSP 1	BCCE 2	AP 3	CAS 4	NPS 5	VT 6	R 7	IM 9	AES 10	IT 12	IECI 13	EM 14	ED 15	COMP 16	MIT 17	EMB 18	COM 19	SU 20	CHMT 21	CS 23	Ed 25	PC 26	EMC 27	SMC 28	GE 29	PE 31	EI 32	MAG 33	IA 34	QEA 36
Australian	2,369	35	91	100	59	160	20	29	28	70	45	59	131	73	67	465	70	91	168	17	18	116	48	17	14	62	12	186	17	12	98	26
Bangalore	213	0	5	3	6	10	2	1	3	10	5	4	15	9	20	33	4	3	10	1	5	13	1	7	2	6	0	17	2	1	12	3
Bombay	525	0	5	16	5	17	7	2	8	22	1	2	57	25	27	92	8	13	14	3	12	21	3	2	0	11	1	71	11	7	55	7
Calcutta	146	0	3	4	4	7	0	0	0	11	0	2	14	5	4	19	7	6	3	2	1	7	1	0	1	1	0	24	3	2	12	3
Delhi	335	1	12	6	12	19	3	1	8	9	11	5	14	4	19	34	21	7	16	4	5	20	0	0	3	7	0	62	2	5	24	2
Hong Kong	1,747	10	29	179	17	138	6	9	8	37	24	18	80	83	71	440	24	18	130	5	30	57	12	10	3	12	3	203	13	7	71	10
Korea	1,854	0	101	47	46	169	39	13	15	48	49	80	70	23	114	247	63	50	130	42	21	134	18	15	22	59	12	55	17	25	54	76
Madras	163	0	4	6	9	3	2	3	2	6	4	2	9	10	5	10	3	4	4	3	3	6	3	2	3	3	2	28	3	3	16	2
Malaysia	119	0	1	9	1	8	0	1	3	4	0	1	7	12	4	21	1	0	6	0	5	1	0	1	0	4	0	18	1	1	8	1
New Zealand North	169	3	7	8	5	6	1	2	1	4	2	3	12	9	2	38	3	5	8	1	5	4	1	2	0	5	0	12	2	0	19	2
New Zealand South	75	0	4	2	5	2	1	1	2	0	1	0	1	1	0	16	1	7	4	1	1	5	3	0	0	4	0	9	2	0	2	0
Nigeria	295	1	4	17	11	18	1	2	3	10	2	7	14	30	3	18	9	8	25	1	5	15	12	4	2	3	3	48	2	1	16	1
Pakistan	54	0	0	4	2	3	0	0	0	1	1	0	4	2	3	3	3	0	3	1	0	1	2	1	0	0	0	18	1	0	1	0
Philippines	136	1	1	10	1	8	1	1	0	2	2	1	9	16	1	29	1	3	14	0	3	3	0	1	0	2	0	18	1	0	7	1
Tapei	571	0	24	32	8	34	8	7	2	28	9	18	35	19	49	93	17	11	40	10	14	25	5	2	3	10	4	23	3	6	21	11
Singapore	393	5	6	21	4	22	2	6	2	16	10	4	16	29	11	108	4	5	30	3	14	13	5	6	0	4	0	29	0	1	16	6
South Africa	143	3	6	2	2	10	0	2	0	8	4	4	8	10	3	22	5	3	6	2	2	9	2	0	0	5	4	17	0	1	6	0
Thailand	184	3	3	9	5	9	6	2	4	8	3	5	7	7	6	21	4	5	11	3	4	10	3	3	3	5	1	15	3	4	10	5
Tokyo	6,841	33	230	200	235	400	110	115	126	178	145	255	171	110	484	762	371	194	468	158	182	285	83	53	98	260	63	285	127	228	164	293
US Military APO/FPD	380	11	11	13	13	13	5	3	2	12	26	16	2	26	6	95	11	9	44	4	0	13	3	5	1	9	6	19	0	2	9	2
Countries Outside Sec.	247	5	5	16	6	12	0	3	2	7	3	5	8	17	6	33	7	2	25	2	3	11	8	3	2	3	1	41	1	1	14	0
TOTALS	16,959	111	560	704	456	1068	214	203	219	491	347	491	684	520	905	2599	637	444	1159	263	333	769	213	134	157	475	112	1198	211	307	635	451

## SECTION C

TABLE 4 - IEEE SOCIETY/GROUP CHAPTER ACTIONS IN 1979

<u>Region/Section</u>	<u>New Chapters</u>	<u>Change in Status of Existing Chapter</u>	<u>Dissolving</u>
<u>REGION 1</u>			
Connecticut	ASSP-01		
New Jersey Coast		ED-25/MTT-27	
New York/North Jersey		EM-14	
<u>REGION 2</u>			
Dayton	EMC-27		
Northern Virginia	ASSP-01		
Pittsburgh		SMC-28/CS-23	
Washington	BCCE-02/C-16		
<u>REGION 3</u>			
Atlanta	C-16		
Broward	C-16		
Canaveral	AP-03/MTT-17		
<u>REGION 4</u>			
Nebraska			EMB-18
<u>REGION 6</u>			
Tucson	C-16		
<u>REGION 7</u>			
Southern Alberta	PE-31/IA-34,C-16		
Winnipeg		C-16	
<u>REGION 8</u>			
United Kingdom & Republic of Ireland	CS-23		
<u>REGION 10</u>			
Bombay	C-16		
Tokyo	VT-06		

## SECTION C

TABLE 5 - IEEE SOCIETY/GROUP CHAPTERS - As of 12/31/79

Code	Society/Group Name	No. of Chapters		Section/Council Location	
AES-10	Aerospace & Electronic Systems	26	All-India Council Baltimore Central New England Council Cleveland Dayton Denver Fort Wayne Fort Worth Houston	Long Island Los Angeles Council Mohawk Valley New Jersey Coast N.Y./No. Jersey Orlando Ottawa Philadelphia Rochester St. Louis	San Diego Santa Clara Valley/ San Francisco/ Oakland-East Bay Seattle Southeastern Mich. Syracuse Vancouver NCA Council*
AP-3	Antennas & Propagation	31	Albuquerque Atlanta Baltimore Benelux Canaveral Central New England Council Chicago Columbus Dallas Denver Florida W. Coast	Houston Huntsville Israel Long Island/N.Y. Los Angeles Council Montreal North Jersey Orange County Philadelphia Phoenix St. Louis San Diego	Santa Clara Valley/ San Francisco/ Oakland-East Bay Southeastern Mich. Seattle Spokane Syracuse Tokyo Vancouver NCA Council*
ASSP-1	Acoustics, Speech & Signal Processing	11	Connecticut Chicago Cleveland Kitchener-Waterloo	Northern Virginia Oakland-East Bay Ottawa Philadelphia	Schenectady Southeastern Mich. Switzerland
BCCE-2	Broadcast, Cable & Consumer Electronics	8	Cleveland Chicago Florida West Coast	Philadelphia NCA Council* Tokyo	Toronto Washington
CAS-4	Circuits & Systems	27	Canton Central Indiana Central New England Council Chicago Cleveland Delhi Fort Wayne Hamilton Houston Kitchener-Waterloo	Los Angeles Council Mid-Hudson Montreal Ottawa Philadelphia Phoenix Portland Princeton Sacramento Seattle	Spokane Syracuse Santa Clara Valley/ San Francisco/ Oakland-East Bay Southeastern Mich. Tokyo Twin Cities United Kingdom & Republic of Ireland
COM-19	Communications	53	Alabama All-India Council Atlanta Baltimore Canton Central Illinois Central New England Council Charlotte Chicago Columbus Dallas Denver Eastern N.C./ Central N.C./ Winston-Salem Florida West Coast Fort Huachuca Fort Wayne	Hamilton Houston Israel Kansas City Kitchener-Waterloo Long Island Los Angeles Council Maine Mexico Miami Mohawk Valley Montreal New Jersey Coast New Orleans New York North Jersey Orlando Ottawa Philadelphia	Pittsburgh Phoenix Rochester Sacramento San Diego Santa Clara Valley/ Oakland-East Bay San Francisco Schenectady Seattle Southeastern Mich. Switzerland Syracuse Tokyo Toronto Twin Cities Vancouver Winnipeg NCA Council*

\*NCA Council = National Capital Area Council

## SECTION C

TABLE 5 - IEEE SOCIETY/GROUP CHAPTERS - As of 12/13/79

<u>Code</u>	<u>Society/Group Name</u>	<u>No. of Chapters</u>		<u>Section/Council Location</u>	
CHMT-21	Components, Hybrids & Manufacturing Technology	12	Central New England Council Chicago Dayton Lehigh Valley	Los Angeles Council New Jersey Coast N.Y./L.I./No. Jersey Philadelphia Portland	Santa Clara Valley/ San Francisco/ Oakland East Bay Tokyo NCA Council*
CS-23	Control Systems	32	Baltimore Buffalo Central New England Council Chicago Cleveland Columbus Dallas Dayton Delhi Denver Forth Worth	Hamilton Huntsville Kitchener-Waterloo Long Island/N.Y. Los Angeles Council Milwaukee North Jersey Philadelphia Phoenix Pittsburgh Sacramento	San Diego Santa Clara Valley/ San Francisco/ Oakland East Bay Schenectady Southeastern Mich. Spokane Toledo United Kingdom & Republic of Ireland Vancouver Virginia Mountain Wichita
C-16	Computer	75	Akron Alabama Arkansas Atlanta Baltimore Binghamton Bombay Broward Canaveral Central Indiana Central N.E. Council Central Texas Chicago Cleveland Columbus Connecticut Dallas Dayton Delaware Bay Denver Eastern Shore Florida West Coast Fort Huachuca Fort Worth France Hamilton	Hampton Roads Houston Huntsville Kitchener-Waterloo Lehigh Valley Long Island Los Angeles Council Milwaukee Mohawk Valley Montreal Nebraska New Hampshire New Jersey Coast New Orleans New York North Jersey Oakland-East Bay Oklahoma City Orlando Philadelphia Phonex Pittsburgh Portland Princeton Richland Rochester	Sacramento St. Louis San Diego Santa Clara Valley/ San Francisco Sao Paulo Schenectady Seattle Southern Alberta Southeastern Mich. Spokane Switzerland Syracuse Taipei Tokyo Toledo Tucson Twin Cities Utah Vancouver NCA Council* Virginia Mountain Washington Wichita Winnipeg
E-25	Education	6	Central New England Council Hamilton	Los Angeles Council New Jersey Coast United Kingdom &	Republic of Ireland Utah
EI-32	Electrical Insulation	3	Bay of Quinte/Hamilton/Kitchener-Waterloo/London/Toronto Montreal/Ottawa/Tokyo		
EMC-27	Electromagnetic Compatibility	18	Albuquerque Atlanta Baltimore Central New England Council Central Texas Chicago	Dayton Denver Los Angeles Council Long Island/N.Y. Mohawk Valley New Jersey Coast Philadelphia	San Diego Santa Clara Valley/ San Francisco/ Oakland-East Bay Seattle Tucson NCA Council*

\*NCA Council = National Capital Area Council

## SECTION C

TABLE 5 - IEEE SOCIETY/GROUP CHAPTERS - As of 12/31/79

Code	Society/Group Name	No. of Chapters	Section/Council Location		
ED-15	Electron Devices	29	Albuquerque All-India Council Central Illinois Central New England Council Dayton Houston Israel Kitchener-Waterloo Lehigh Valley Los Angeles Council	Milwaukee New Jersey Coast N.Y./L.I./N.J. Coast Ottawa Philadelphia Phoenix Pittsburgh Portland Princeton Rochester St. Louis	Santa Clara Valley/ San Francisco/ Oakland-East Bay Schenectady Southeastern Mich. Spokane Syracuse Tokyo Twin Cities NCA Council*
EM-14	Engineering Management	24	Buffalo Canaveral Central Indiana Central New England Council Chicago Dayton Denver Houston	Huntsville Kansas City Los Angeles Council Mexico Miami Mohawk Valley Montrael Nebraska North Jersey/N.Y.	Ottawa Philadelphia Pittsburgh Rochester Southeastern Mich. Spokane NCA Council*
EMB-18	Engineering in Medicine and Biology	36	Atlanta Central Indiana Central New England Council Central Texas-(Austin) Central Texas-(San Antonio) Chicago Cincinnati Cleveland Connecticut Dallas Dayton	Denver Houston Los Angeles Council Memphis Miami Milwaukee Montreal Nashville New Jersey Coast N.Y./Long Island North Jersey Oakland-East Bay Philadelphia Pittsburgh	Portland Princeton Rochester St. Louis Santa Clara Valley/ San Francisco Seattle Southeastern Mich. Tokyo Twin Cities Utah NCA Council*
GE-29	Geoscience Electronics	2	North Jersey	NCA Council*	
IECI-13	Industrial Electronics & Control Instrumentation	12	All-India Council Arkansas Beaumont Chicago Cleveland	Connecticut Lehigh Valley Los Angeles Council Santa Clara Valley/ San Francisco/	Oakland-East Bay Toledo Vancouver Virginia Mountain
IA-34	Industry Applications	55	Akron Alabama Arkansas Atlanta Baltimore Baton Rouge Buffalo Central Illinois Central New England Council Chicago Cincinnati Cleveland Columbus Connecticut Dallas Dayton Delaware Bay Denver	Eastern N.C. Hamilton Houston Los Angeles Council Maine Mexico Miami Middle Tennessee Milwaukee Montreal N.Y./Long Island New Zealand Oakland-East Bay Oklahoma City Orlando Philadelphia Phoenix Pittsburgh Portland	Rochester Sacramento St. Louis Santa Clara Valley/ San Francisco Schenectady Seattle Southern Alberta Southeastern Mich. Spokane Syracuse Tokyo Toledo Toronto Tulsa Twin Cities Vancouver Virginia Mountain Wichita

\*NCA Council = National Capital Area Council

## SECTION C

TABLE 5 - IEEE SOCIETY/GROUP CHAPTERS - As of 12/31/79

<u>Code</u>	<u>Society/Group Name</u>	<u>No. of Chapters</u>	<u>Section/Council Location</u>		
IT-12	Information Theory	12	Buffalo Central New England Council Central N.C./ Eastern N.C./ Winston-Salem Dallas Denver	Chicago/Central Ill./ Central Indiana Hamilton Kitchener-Waterloo Los Angeles Council N.Y./L.I./No. Jersey Philadelphia Phoenix	Santa Clara Valley/ San Francisco/ Oakland-East Bay Schenectady Southeastern Mich. NCA Council*
IM-9	Instrumentation & Measurement	15	Central Illinois Central New England Council Chicago Cleveland Denver	Los Angeles Council Montreal N.Y./L.I./No. Jersey Ottawa Portland Southeastern Mich	Santa Clara Valley/ San Francisco/ Oakland-East Bay Tokyo Toronto NCA Council*
MAG-33	Magnetics	9	Central New England Council Houston Los Angeles Council	Milwaukee Philadelphia Princeton Santa Clara Valley/	San Francisco/ Oakland-East Bay Tokyo Twin Cities
MTT-17	Microwave Theory & Techniques	38	Albuquerque All-India Council Atlanta Baltimore Benelux Canaveral Central Illinois Central New England Council Chicago Columbus Dallas Denver Florida West Coast Houston	Huntsville Israel Long Island/N.Y. Los Angeles Council Milwaukee Montreal New Jersey Coast North Jersey Orange County Orlando Ottawa Philadelphia Phoenix Portland Princeton	St. Louis San Diego Santa Clara Valley/ San Francisco/ Oakland-East Bay Schenectady Seattle Southeastern Mich. Syracuse Tokyo NCA Council*
NPS-5	Nuclear & Plasma Sciences	9	All-India Council Central Illinois Central New England Council	Chicago Connecticut Los Angeles Council North Jersey	Santa Clara Valley/ San Francisco/ Oakland-East Bay NCA Council*
PC-26	Professional Communication	2	United Kingdom & Republic of Ireland	Los Angeles Council	

## SECTION C

TABLE 5 - IEEE SOCIETY/GROUP CHAPTERS - As of 12/31/79

Code	Society/Group Name	No. of Chapters	Section/Council Location		
PE-31	Power Engineering	97	Akron Alabama Albuquerque All-India Council Argentina Arkansas Atlanta Baltimore Beaumont Berkshire Boston Broward Buffalo Canton Central Illinois Central Indiana Central Texas Charlotte Chatanooga Chicago Cincinnati Cleveland Columbus Connecticut Corpus Christi Dallas Dayton Delaware Bay Denver Eastern N.C. East Tennessee Erie Florida West Coast	Fort Worth France Hamilton Houston Jacksonville Kansas City Las Vegas Lehigh Valley Los Angeles Council Maine Memphis Mexico Monterrey Miami Mid-Hudson Middle Tennessee Milwaukee/Madison/ N.E. Wisconsin Montreal Nashville Nebraska New Hampshire New Orleans N.Y./Long Island North Jersey Oakland-East Bay Oklahoma City Orlando Ottawa Palm Beach Philadelphia Phoenix	Pittsburgh Portland Princeton Puerto Rico & Virgin Islands Richland Rochester Sacramento St. Louis San Diego San Francisco/ Santa Clara Valley Schenectady Seattle Sharon Shreveport Southern Alberta Southeastern Mich. Spokane Syracuse Tokyo Toledo Toronto Tucson Tulsa Twin Cities Utah Vancouver Virginia Mountain Wichita Winnipeg Worcester County NCA Council*
QEA-36	Quantum Electronics and Applications	4	Boston Los Alamos	New Jersey Coast	Los Angeles Council
R-7	Reliability	18	Baltimore Binghamton Canaveral/Daytona Central New England Council Cleveland Chicago	Connecticut Florida West Coast Los Angeles Council Mohawk Valley Montreal New Jersey Coast N.Y./Long Island	North Jersey Philadelphia Santa Clara Valley/ San Francisco/ Oakland-East Bay Twin Cities NCA Council*
SU-20	Sonics & Ultrasonics	4	Central New England Council	Pittsburgh Portland	Washington/Baltimore No. Virginia
SMC-28	Systems, Man, & Cybernetics	18	Central New England Council Cleveland Connecticut Dallas L.I./N.Y. Los Angeles Council	Mexico Milwaukee New Jersey Coast North Jersey Philadelphia Pittsburgh Schenectady	Santa Clara Valley/ San Francisco/ Oakland-East Bay Southeastern Mich. Tokyo Twin Cities NCA Council*

\*NCA Council = National Capital Area Council

## SECTION C

TABLE 5 - IEEE SOCIETY/GROUP CHAPTERS - As of 12/31/79

<u>Code</u>	<u>Society/Group Name</u>	<u>No. of Chapters</u>	<u>Section/Council Location</u>		
VT-6	Vehicular Technology	22	Canton	Florida West Coast	Santa Clara Valley/
			Central New England Council	Los Angeles Council	San Francisco/
			Chicago	Miami	Oakland-East Bay
			Cincinnati/Dayton	N.Y./L.I. No. Jersey	Southeastern Mich.
			Cleveland	New Jersey Coast	Tokyo
			Columbus	Orlando	Toronto
			Dallas	Philadelphia	Vancouver
			Denver	Pittsburgh	NCA Council*
				Sacramento	
30	Groups/Societies	708**	140	Sections/Councils	

\*\*Of this number, 138 Chapters are operated jointly by more than one Section/Council or more than one Group or Society. A total of 560 single or Joint Group/Society Chapters have been established as of 12/31/79.

\*NCA Council = National Capital Area Council



## SECTION D

Table 1 - Society/Group Affiliates, December 31, 1979; 5-Year Comparison

Code No.	Society/Group Name	12/31/79	12/31/78	12/31/77	12/31/76	12/31/75
1	Acoustics, Speech & Signal Processing	8	10	10	5	3
2	Broadcast, Cable & Consumer Electronics	4	2	2	2	1
3	Antennas & Propagation	1	1	1	1	1
4	Circuits & Systems	2	2	3	4	2
5	Nuclear & Plasma Sciences	189	172	163	160	151
6	Vehicular Technology	2	3	2	3	3
7	Reliability	13	12	11	10	10
9	Instrumentation & Measurement	-	-	2	1	-
10	Aerospace & Electronic Systems	7	7	8	6	7
12	Information Theory	8	10	9	6	7
13	Industrial Electronics & Control Instrumentation	-	-	2	-	-
14	Engineering Management	27	27	46	48	27
15	Electron Devices	6	6	7	35	37
16	Computer	3,943	3,313	2,278	1,566	1,184
17	Microwave Theory & Techniques	1	2	3	11	10
18	Engineering in Medicine & Biology	68	73	83	91	97
19	Communications	7	5	6	6	2
20	Sonics & Ultrasonics	11	11	13	14	15
21	Components, Hybrids & Manufacturing Technology	5	6	4	3	2
23	Control Systems	11	8	5	4	4
25	Education	1	1	1	1	2
26	Professional Communication	10	10	9	6	6
27	Electromagnetic Compatibility	4	4	4	5	3
28	Systems, Man & Cybernetics	24	22	22	19	18
29	Geoscience Electronics	3	2	4	2	1
31	Power Engineering	-	-	1	-	-
32	Electrical Insulation	5	5	5	8	10
33	Magnetics	52	59	66	68	75
34	Industry Applications	4	1	1	1	1
35	*Manufacturing Technology	-	-	-	-	-
36	**Quantum Electronics & Applications	34	36	34	-	-
	Totals	4,450	3,810	2,805	2,086	1,679

\* The Manufacturing Technology Group and the Parts, Hybrids and Packaging Group merged in 1977 to form the Components, Hybrids & Manufacturing Technology Group (later Society).

\*\* The former Quantum Electronics Council became the Quantum Electronics & Applications Society in 1977.

## SECTION E

## ORGANIZATIONAL UNITS OF THE IEEE, BY REGION - As of December 31, 1979

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>1979</u>											
Sections	22	25	42	23	23	35	18	19	17	19	243
Subsections	6	3	8	8	3	5	--	--	7	4	44
Chapters	108	95	59	58	61	99	35	10	9	25	559 *
Affiliations & Councils	1	1	4	--	--	2	3	--	2	1	14
Student Branches	69	51	56	47	45	52	39	35	31	14	439
<hr/>											
<u>1978</u>											
Sections	22	25	42	23	23	35	18	18	17	19	242
Subsections	6	3	7	8	3	5	--	--	7	4	43
Chapters	107	92	56	59	61	98	34	9	9	23	548 *
Affiliations & Councils	1	1	3	--	--	2	3	--	2	1	13
Student Branches	69	48	56	47	44	49	39	33	28	13	426
<hr/>											
<u>1977</u>											
Sections	22	25	42	23	21	36	17	18	17	14	235
Subsections	6	3	7	7	6	5	1	--	7	5	49
Chapters	105	89	53	59	58	95	32	9	8	22	530 *
Affiliations & Councils	1	1	3	--	--	2	3	--	2	1	13
Student Branches	69	48	55	47	43	53	38	33	31	12	429
<hr/>											
<u>1976</u>											
Sections	22	25	42	23	21	36	17	18	14	11	229
Subsections	6	3	7	6	6	5	1	--	7	5	46
Chapters	106	87	52	59	57	99	31	8	8	20	527 *
Affiliations & Councils	1	1	2	--	--	2	3	--	2	1	12
Student Branches	71	52	55	48	44	58	38	33	31	12	443

\* Joint Chapters of two or more Sections or two or more Society/Groups are counted as one Chapter.

Table 1 - IEEE Technical Publications Output - 1979

<u>Periodicals</u>	<u>Editorial Pages</u>	<u>Advertising Pages (1)</u>	<u>Total Pages</u>	<u>Number of Papers</u>	<u>Number of Letters</u>
IEEE SPECTRUM	926	912	1,838	102	98
PROCEEDINGS OF THE IEEE	1,748	36	1,784	105	164
IEEE TRANSACTIONS & JOURNALS	34,600	---	34,600	4,438	946
GROUP/SOCIETY MAGAZINES	2,071	369	2,440	193	49
Subtotals	39,345	1,317	40,662	4,838	1,257
<u>Other Publications</u>					
Conference Records (2)	52,323	---	52,323	10,474	---
IEEE PRESS Books	3,188	---	3,188	225	---
Preprints	4,312	---	4,312	605	---
Standards	1,581	---	1,581	36	---
Group/Society Newsletters (3)	1,156	---	1,156	93	---
Subtotals	62,560	---	62,560	11,433	---
<u>Totals</u>	<u>101,905</u>	<u>1,317</u>	<u>103,222</u>	<u>16,271</u>	<u>1,257</u>

- (1) Includes Institute-related advertising material.  
 (2) Includes all 1979 Conference Records, actual and projected.  
 (3) Produced through IEEE Publishing Services Department.

Table 2 - IEEE TRANSACTIONS and JOURNALS - 1979

	<u>Number of Issues</u>	<u>Editorial Pages</u>	<u>Number of Papers</u>	<u>Number of Letters</u>
ACOUSTICS, SPEECH, & SIGNAL PROCESSING	6	844	87	38
AEROSPACE & ELECTRONIC SYSTEMS	6	952	79	58
ANTENNAS & PROPAGATION	6	944	97	85
AUTOMATIC CONTROL	6	1,032	101	149
BIOMEDICAL ENGINEERING	12	780	81	42
BROADCASTING	4	166	21	3
CABLE TELEVISION*	3	132	26	-
CIRCUITS AND SYSTEMS	12	1,200	104	47
COMMUNICATIONS	12	2,064	223	71
COMPONENTS, HYBRIDS, & MANUFACTURING TECHNOLOGY	4	572	80	1
COMPUTERS	12	1,008	72	76
CONSUMER ELECTRONICS	5	868	86	-
EDUCATION	4	208	31	14
ELECTRICAL INSULATION	6	376	35	8
ELECTROMAGNETIC COMPATIBILITY	4	420	40	6
ELECTRON DEVICES	12	1,896	249	44
ENGINEERING MANAGEMENT	4	138	17	-
GEOSCIENCE ELECTRONICS	4	344	38	1
INDUSTRIAL ELECTRONICS & CONTROL INSTRUMENTATION	4	268	37	6
INDUSTRY APPLICATIONS	6	1,608	91	-
INFORMATION THEORY	6	820	60	64
INSTRUMENTATION & MEASUREMENT	4	360	62	6
MAGNETICS	6	2,040	397	12
MICROWAVE THEORY & TECHNIQUES	12	1,164	188	12
NUCLEAR SCIENCE	6	5,292	1,074	-
OCEANIC ENGINEERING	4	180	16	5
PATTERN ANALYSIS & MACHINE INTELLIGENCE	4	440	28	30
PLASMA SCIENCE	4	264	43	5
POWER APPARATUS & SYSTEMS	6	2,416	271	-
PROFESSIONAL COMMUNICATION	4	240	50	7
QUANTUM ELECTRONICS	12	1,540	154	62
RELIABILITY	4	556	117	5
SOFTWARE ENGINEERING	6	688	67	1
SOLID STATE CIRCUITS	6	988	143	28
SONICS & ULTRASONICS	6	476	47	12
SYSTEMS, MAN & CYBERNETICS	12	944	106	54
VEHICULAR TECHNOLOGY	4	372	28	1
<u>Totals</u>	<u>238</u>	<u>34,600</u>	<u>4,438</u>	<u>946</u>

\*Only three issues published at time of this report.

Table 3 - 1979 Nonmember Subscriptions to IEEE Periodicals  
(Data as of 12/31/79)

Periodicals

	<u>Regions 1-6</u>	<u>Region 7</u>	<u>Region 8</u>	<u>Region 9</u>	<u>Region 10</u>	<u>Total</u>
SPECTRUM	1501	214	634	133	683	3165
PROCEEDINGS	1510	151	1119	141	1036	3957

TRANSACTIONS and JOURNALS

ACOUSTICS, SPEECH & SIGNAL PROCESSING	770	81	721	56	418	2046
AEROSPACE & ELECTRONIC SYSTEMS	764	75	736	39	404	2018
ANTENNAS & PROPAGATION	768	81	788	83	465	2185
AUTOMATIC CONTROL	828	84	884	98	681	2575
BIOMEDICAL ENGINEERING	877	84	670	58	447	2136
BROADCASTING	587	69	434	47	310	1437
CABLE TELEVISION	565	67	350	32	271	1285
CIRCUITS & SYSTEMS	824	80	834	75	572	2385
COMMUNICATIONS	895	102	990	104	595	2686
COMPONENTS, HYBRIDS, & MANUFACTURING TECHNOLOGY	675	64	512	48	343	1642
COMPUTERS	1157	128	1373	113	743	3514
CONSUMER ELECTRONICS	661	69	536	60	389	1715
EDUCATION	606	65	413	55	340	1479
ELECTRICAL INSULATION	610	62	447	56	362	1537
ELECTROMAGNETIC COMPATIBILITY	633	67	490	44	314	1548
ELECTRON DEVICES	872	76	854	54	567	2423
ENGINEERING MANAGEMENT	734	82	487	56	354	1713
GEOSCIENCE ELECTRONICS	625	81	383	41	289	1419
INDUSTRIAL ELECTRONICS & CONTROL INSTRUMENTATION	667	83	558	99	492	1899
INDUSTRY APPLICATION	745	90	596	107	527	2065
INFORMATION THEORY	824	83	774	65	523	2269
INSTRUMENTATION & MEASUREMENT	814	96	775	111	586	2382
MAGNETICS	738	69	611	45	452	1915
MICROWAVE THEORY & TECHNIQUES	792	80	851	66	504	2293
NUCLEAR SCIENCE	766	80	623	47	377	1893
OCEANIC ENGINEERING	608	66	338	29	279	1320
PLASMA SCIENCE	596	58	384	33	280	1351
POWER APPARATUS & SYSTEMS	810	103	911	169	709	2702
PROFESSIONAL COMMUNICATION	637	75	373	41	286	1412
QUANTUM ELECTRONICS	608	66	338	29	279	1320
RELIABILITY	761	81	739	63	434	2078
SOFTWARE ENGINEERING	960	107	873	66	508	2514
SOLID STATE CIRCUITS	851	75	797	64	543	2330
SONICS & ULTRASONICS	683	69	495	44	343	1634
SYSTEMS, MAN & CYBERNETICS	771	84	632	64	506	2057
VEHICULAR TECHNOLOGY	603	70	413	37	311	1434
<u>Total TRANSACTIONS and JOURNALS</u>	<u>26695</u>	<u>2852</u>	<u>22973</u>	<u>2298</u>	<u>15803</u>	<u>70611</u>

Magazines

COMMUNICATIONS MAGAZINE	597	59	322	34	264	1276
COMPUTER	1206	145	959	91	525	2926
ENGINEERING MANAGEMENT REVIEW	569	55	302	34	250	1210
CIRCUITS and SYSTEMS MAGAZINE	548	55	298	29	253	1183
"All" Group/Society Periodicals*	536	53	285	28	243	1145

\*These are subscriptions to the full array of Group/Society periodicals. They are included in the above numbers for individual titles.

**Table 4 - Microfiche Subscriptions**  
(Data as of 12/31/79)

011110107

Periodicals	Member	Nonmember	Total
SPECTRUM	353	34	387
PROCEEDINGS	772	57	829
TRANSACTIONS and JOURNALS	5434	2166	7600
Magazines	491	66	557
<b>Totals</b>	<b>7050</b>	<b>2323</b>	<b>9373</b>

SECTION G

COOPERS & LYBRAND

CERTIFIED PUBLIC ACCOUNTANTS

A MEMBER FIRM OF  
COOPERS & LYBRAND (INTERNATIONAL)

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

We have examined the balance sheets of THE INSTITUTE of ELECTRICAL and ELECTRONICS ENGINEERS, INC. as of December 31, 1979 and 1978 and the related statements of income, expenses and changes in fund balances for the years then ended. Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the financial statements referred to above present fairly the financial position of The Institute of Electrical and Electronics Engineers, Inc. at December 31, 1979 and 1978 and the results of its operations and changes in its fund balances for the years then ended in conformity with generally accepted accounting principles applied on a consistent basis.

*Coopers Lybrand*

New York, New York  
March 21, 1980.

[1]

THE INSTITUTE of ELECTRICAL and ELECTRONICS ENGINEERS, INC.  
BALANCE SHEETS, December 31, 1979 and 1978

ASSETS:	1979			Total	1978 Total
	Unrestricted Operating Funds	Restricted Special Purpose Funds	Restricted Endowment Funds		
Cash, including savings accounts of \$116,100 in 1979 and \$753,700 in 1978	\$ 342,200	\$ 22,300	\$ 9,500	\$ 374,000	\$ 1,406,000
Eurodollar notes, repurchase agreements and certificates of deposit	6,739,000	88,800	12,500	6,840,300	6,369,800
Accounts receivable, less allowance for doubtful accounts of \$184,600 in 1979 and \$172,600 in 1978	2,055,100	25,300		2,080,400	1,485,800
Investments (Notes 2, 3 and 7)	8,181,600	71,000	149,600	8,402,200	7,631,200
Prepaid expenses, inventories and other assets	1,209,900			1,209,900	815,900
Land, building and equipment, at cost, less accumulated depreciation (Note 4)	3,143,300			3,143,300	2,380,800
Advances to United Engineering Trustees, Inc. (Note 6)	265,000			265,000	265,000
Total assets	<u>\$21,936,100</u>	<u>\$207,400</u>	<u>\$171,600</u>	<u>\$22,315,100</u>	<u>\$20,354,500</u>
LIABILITIES and FUND BALANCES:					
Accounts and accrued expenses payable	\$ 3,816,700	\$ 200		\$ 3,816,900	\$ 3,487,600
Deposits by sections and regions (Note 7)	330,500			330,500	97,300
Mortgage payable (Note 5)	795,400			795,400	
Deferred income:					
Membership dues	2,701,000			2,701,000	3,537,200
Group revenues	2,914,800			2,914,800	2,625,600
Subscriptions and other	1,003,800			1,003,800	1,037,800
Total liabilities	11,562,200	200		11,562,400	10,785,500
Fund balances	10,373,900	207,200	\$171,600	10,752,700	9,569,000
	<u>\$21,936,100</u>	<u>\$207,400</u>	<u>\$171,600</u>	<u>\$22,315,100</u>	<u>\$20,354,500</u>

See notes to financial statements.

STATEMENTS of INCOME, EXPENSES and CHANGES in FUND BALANCES  
for the years ended December 31, 1979 and 1978

	1979			Total	1978 <u>Total</u>
	<u>Unrestricted Operating Funds</u>	<u>Restricted Special Purpose Funds</u>	<u>Restricted Endowment Funds</u>		
Income:					
Membership dues	\$ 5,303,500			\$ 5,303,500	\$ 5,069,200
Fees and assessments	2,700,300			2,700,300	2,460,400
Periodical subscriptions, other publication activities and educational products and services	12,062,500			12,062,500	9,796,900
Conventions, conferences and other technical activities	1,616,400			1,616,400	1,677,200
Net investment income (Note 8)	1,401,900	\$ 35,800	(\$ 18,300)	1,419,400	598,300
Miscellaneous	667,200			667,200	474,700
Total	<u>23,751,800</u>	<u>35,800</u>	<u>(18,300)</u>	<u>23,769,300</u>	<u>20,076,700</u>
Expenses:					
Program services:					
Publishing	12,464,400			12,464,400	10,153,100
Educational activities	1,215,400			1,215,400	898,300
Convention and other technical activities	1,201,300			1,201,300	1,398,100
Support of regions, sections and branches	1,277,300			1,277,300	1,168,200
Member records and services	2,674,900			2,674,900	2,193,000
Special regional projects	1,219,700			1,219,700	1,141,100
Medals, awards and related costs		24,500		24,500	19,000
Supporting services:					
General and administrative	2,504,600			2,504,600	1,980,600
Total	<u>22,557,600</u>	<u>24,500</u>		<u>22,582,100</u>	<u>18,951,400</u>
Excess of income over expenses	1,194,200	11,300	(18,300)	1,187,200	1,125,300
Fund balances, beginning of year	<u>9,179,700</u>	<u>195,900</u>	<u>189,900</u>	<u>9,565,500</u>	<u>8,443,700</u>
Fund balances, end of year	<u>\$10,373,900</u>	<u>\$207,200</u>	<u>\$171,600</u>	<u>\$10,752,700</u>	<u>\$ 9,569,000</u>

See notes to financial statements.



## NOTES to FINANCIAL STATEMENTS

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### 1. The Institute:

The Institute is a scientific and educational organization organized for the advancement of the theory and practice of electrical engineering, electronics engineering, radio and the allied branches of engineering and related arts and sciences.

Implementation of the Institute's objectives, while not limited to, is primarily performed through sections, regions, societies and groups. Sections and regions are unincorporated geographical subdivisions of IEEE. Societies and groups are unincorporated units within IEEE formed to serve the specialized technical interests of members and to coordinate these with the local activities of the sections and the broader activities of the Institute. The societies and groups promote the technical interests of their members through symposia, conferences and various publications.

### 2. Summary of Significant Accounting Policies:

#### Reporting entity:

The financial statements include the accounts of societies and groups. The books and records of the sections and regions are maintained by the respective treasurers of each unit and are not included in the accompanying financial statements.

#### Funds:

Unrestricted operating funds can be utilized to carry out any of the purposes of the Institute.

Restricted funds consist of special purpose and endowment funds which have been donated to the Institute and carry donor restrictions. The principal of an endowment cannot be expended and only the income earned can be used as designated by the donor. Special purpose funds can be utilized only for specified purposes as designated by the donor and the contribution may be expended in total. The latter funds are designated principally for awards and medals.

#### Income recognition:

Income from membership dues and yearly periodical subscriptions are recognized during the year to which they pertain.

#### Investments:

Investments are carried at market value. Realized gains and losses on the sale of investments are determined on a first-in, first-out cost basis.

Continued

NOTES to FINANCIAL STATEMENTS, Continued

Depreciation and amortization:

Building and office furniture and equipment are being depreciated over their estimated useful lives of forty-eight years and three to ten years, respectively, on a straight-line basis. Leasehold improvements are being amortized over ten years on a straight-line basis.

3. Investments:

	1979		1978	
	Cost	Market Value	Cost	Market Value
Investment pool:				
Equity securities	\$2,837,200	\$3,293,100	\$2,950,500	\$2,985,300
Corporate obligations	437,000	437,000	242,000	242,000
Due from brokers and accrued interest and dividends receivable	102,600	102,600	18,600	18,600
Equity in fixed income fund	<u>2,172,100</u>	<u>1,934,800</u>	<u>1,967,500</u>	<u>1,849,100</u>
	<u>5,548,900</u>	<u>5,767,500</u>	<u>5,178,600</u>	<u>5,095,000</u>
Fixed income fund:				
U.S. Government obligations	910,000	815,100	508,600	464,200
Corporate obligations	2,214,500	1,789,700	2,259,800	2,025,000
Eurodollar notes	1,375,300	1,375,300	1,305,600	1,305,600
Due from brokers and accrued interest	258,200	258,200	258,500	258,500
Investment pool share of equity in the fund	<u>(2,172,100)</u>	<u>(1,934,800)</u>	<u>(1,967,500)</u>	<u>(1,849,100)</u>
	<u>2,585,900</u>	<u>2,303,500</u>	<u>2,365,000</u>	<u>2,204,200</u>
Other investments	<u>352,200</u>	<u>331,200</u>	<u>347,500</u>	<u>332,000</u>
	<u>\$8,487,000</u>	<u>\$8,402,200</u>	<u>\$7,891,100</u>	<u>\$7,631,200</u>

4. Land, Building and Equipment:

Fixed assets and the related accumulated depreciation at December 31, 1979 and 1978 are as follows:

	1979		1978	
	Cost	Accumulated Depreciation	Cost	Accumulated Depreciation
Building	\$2,369,000	\$ 184,400	\$1,800,500	\$147,300
Furniture and equipment	1,393,900	742,500	1,023,200	607,800
Leasehold improvements	<u>268,300</u>	<u>189,800</u>	<u>259,900</u>	<u>176,500</u>
	<u>4,031,200</u>	<u>1,116,700</u>	<u>3,083,600</u>	<u>931,600</u>
Land	228,800		228,800	
Total	<u>\$4,260,000</u>	<u>\$1,116,700</u>	<u>\$3,312,400</u>	<u>\$931,600</u>

Continued

NOTES to FINANCIAL STATEMENTS, Continued

5. Mortgage Payable:

During 1979, the Institute borrowed \$800,000 under a 10-year mortgage loan bearing interest at 7-1/2% per annum. The loan arranged through the New Jersey Economic Development Authority was used to finance the construction of a distribution facility in Piscataway, New Jersey and related employee relocation costs. Such loan requires payments, including interest, of \$113,952 per annum.

6. Commitments:

In accordance with the Founder's Agreement between the Institute and the United Engineering Trustees, Inc., the Institute has agreed to maintain permanently its principal offices in the United Engineering Center and to pay a pro rata portion of the operating costs of the building. The Institute's share of such costs was \$279,200 and \$262,000 during 1979 and 1978, respectively. The Institute has advanced \$265,000 to United Engineering Trustees, Inc., which advance is repayable only out of available reserve funds on dissolution of United Engineering Trustees, Inc. and carries interest at an annual rate of 4%.

In 1978, the Institute's Board of Directors authorized expenditures aggregating \$1,200,000 for the construction of the Institute's distribution facility, other capital projects and related employee relocation costs. Of such sum, \$705,800 has been expended through December 31, 1979 and the balance is expected to be incurred in 1980.

7. Transactions with Sections and Regions:

The investment pool and other investments include deposits by certain sections and regions.

The Institute paid approximately \$652,000 in 1979 and \$656,400 in 1978 to the sections and regions for support of their activities.

8. Net Investment Income:

Net investment income consists of:

	<u>1979</u>	<u>1978</u>
Interest and dividends (net of advisory fees)	\$1,209,300	\$868,000
Net realized capital gains (losses)	35,000	(9,800)
Net unrealized capital gains (losses)	<u>175,100</u>	<u>(259,900)</u>
	<u>\$1,419,400</u>	<u>\$598,300</u>

Continued

NOTES to FINANCIAL STATEMENTS, Continued

9. Pension Plan:

The Institute has a noncontributory pension plan covering substantially all its employees. Pension cost was \$310,720 in 1979 and \$244,700 in 1978. The Institute's policy is to fund pension costs accrued. As of December 31, 1978 (date of latest actuarial valuation), the assets of the pension fund approximate the actuarially computed value of vested benefits.

COOPERS & LYBRAND

CERTIFIED PUBLIC ACCOUNTANTS

A MEMBER FIRM OF  
COOPERS & LYBRAND (INTERNATIONAL)

REPORT on SUPPLEMENTAL STATEMENT

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The statements referred to in our opinion on page [1] are set forth on pages [2] through [7]. Our examinations were made primarily for the purpose of rendering an opinion on such basic financial statements taken as a whole. The other data shown on the supplemental statement of income, expenses and changes in operating fund balances included in this report on page [9], although not considered necessary for a fair presentation of the information set forth in the basic financial statements, are presented primarily for supplemental information purposes. This additional information has been subjected to the audit procedures applied in the examination of the basic financial statements and is, in our opinion, fairly stated in all material respects in relation to the basic statements taken as a whole.

*Coopers & Lybrand*

New York, New York  
March 21, 1980.

SUPPLEMENTAL STATEMENT of INCOME, EXPENSES  
and CHANGES in OPERATING FUND BALANCES  
for the year ended December 31, 1979

	<u>General</u>	<u>Societies and Groups</u>	<u>Total Operating Funds</u>
Income:			
Membership dues	\$ 5,303,500		\$ 5,303,500
Fees and assessments	1,200,000	\$1,500,300	2,700,300
Periodical subscriptions, other publication activities and educational products and services	6,728,100	5,334,400	12,062,500
Convention, conferences and other technical activities	209,300	1,407,100	1,616,400
Net investment income	954,800	447,100	1,401,900
Miscellaneous	387,900	279,300	667,200
Total	<u>14,783,600</u>	<u>8,968,200</u>	<u>23,751,800</u>
Expenses:			
Program services:			
Publishing	6,152,800	6,311,600	12,464,400
Educational activities	1,215,400		1,215,400
Convention and other technical activities	661,700	539,600	1,201,300
Support of regions, section and branches	1,277,300		1,277,300
Member records and services	1,103,200	1,571,700	2,674,900
Special regional projects	1,219,700		1,219,700
Supporting services:			
General and administrative	2,199,500	305,100	2,504,600
Total	<u>13,829,600</u>	<u>8,728,000</u>	<u>22,557,600</u>
Excess of income over expenses	954,000	240,200	1,194,200
Fund balances, beginning of year	4,335,300	4,844,400	9,179,700
Transfers - net support to societies and groups	<u>(525,100)</u>	<u>525,100</u>	<u>-</u>
Fund balances, end of year	<u>\$ 4,764,200</u>	<u>\$5,609,700</u>	<u>\$10,373,900</u>