

**ELECTRONICS AND HOUSEHOLD ELECTRICAL APPLIANCES  
STATISTICAL REVIEW**

**FOURTH QUARTER, 1984**

May 1985

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HOUSEHOLD ELECTRICAL PRODUCTS

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ELECTRONIC PRODUCTS

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Sector Analysis Division  
Electronics and Aerospace Branch  
Regional Industrial Expansion  
May 1985

Source of Statistics - Statistics Canada

**TABLE 1**  
**HOUSEHOLD ELECTRICAL PRODUCTS**  
**INDUSTRIAL SECTORS**  
**FOURTH QUARTER**

	<u>1983</u>	<u>1984</u>		<u>% Change</u>	
	<u>4th Qtr</u>	<u>4th Qtr</u>	<u>3rd Qtr</u>	<u>Qtr</u>	<u>Annual</u>
----- \$ Millions -----					
<b>MAJOR APPLIANCES</b>					
ADM	302	272	296	(8.1)	(9.9)
Shipments	266	237	253	(6.3)	(10.9)
Trade Surplus (Deficit)	(36)	(35)	(43)	(18.6)	(2.7)
Exports	45	51	45	13.3	13.3
Imports	81	86	88	(2.3)	6.2
<b>SMALL APPLIANCES</b>					
ADM	191	222	247	(10.1)	16.2
Shipments	81	101	108	(6.5)	24.7
Trade Surplus (Deficit)	(110)	(121)	(139)	(12.9)	10.0
Exports	8	13	10	30.0	62.5
Imports	118	134	149	(10.1)	13.6
<b>TOTAL</b>					
ADM	493	494	543	(9.0)	0.2
Shipments	347	338	361	(6.4)	(2.6)
Trade Surplus (Deficit)	(146)	(156)	(182)	(14.3)	6.8
Exports	53	64	55	16.4	20.8
Imports	199	220	237	(7.2)	10.6

SOURCE: Inventories, Shipments and Orders in  
Manufacturing Industries - Cat. No. 31-001  
Imports by Commodities - Cat. No. 65-007  
Exports by Commodities - Cat. No. 65-004

**TABLE 2**  
**HOUSEHOLD ELECTRICAL PRODUCTS**  
**COMMODITY EXPORTS AND IMPORTS**  
**FOURTH QUARTER**

	<u>1983</u>	<u>1984</u>		<u>% Change</u>	
	<u>4th Qtr</u>	<u>4th Qtr</u>	<u>3rd Qtr</u>	<u>Qtr</u>	<u>Annual</u>
	----- \$ 000 -----				
<b>REFRIGERATORS AND FREEZERS</b>					
Exports	11 091	7 546	8 513	(11.4)	(32.0)
Imports	8 449	6 703	9 335	(28.2)	(20.7)
Trade Surplus (Deficit)	2 642	843	(822)	-	(68.1)
<b>ELEC. WASHING MACHINES AND PARTS</b>					
Exports	1 812	2 217	2 038	8.8	22.4
Imports	11 307	10 305	11 134	(7.4)	(8.9)
Trade Surplus (Deficit)	(9 495)	(8 088)	(9 096)	(11.1)	(14.8)

**TABLE 3**  
**HOUSEHOLD ELECTRICAL PRODUCTS**  
**INDUSTRIAL SECTORS**  
**FULL YEAR**

	<u>1983</u>	<u>1984</u>	<u>% Change</u>
	----- \$ Millions -----		
<b>MAJOR APPLIANCES</b>			
ADM	1 082	1 126	4.1
Shipments	977	968	(0.9)
Trade Surplus (Deficit)	(105)	(158)	50.4
Exports	180	193	7.2
Imports	285	351	23.2
 <b>SMALL APPLIANCES</b>			
ADM	734	857	16.8
Shipments	344	389	13.1
Trade Surplus (Deficit)	(390)	(468)	20.0
Exports	33	41	24.2
Imports	423	509	20.3
 <b>TOTAL</b>			
ADM	1 816	1 983	9.2
Shipments	1 321	1 357	2.7
Trade Surplus (Deficit)	(495)	(626)	26.5
Exports	213	234	9.9
Imports	708	860	21.5

SOURCE: Inventories, Shipments and Orders in  
 Manufacturing Industries - Cat. No. 31-001  
 Imports by Commodities - Cat. No. 65-007  
 Exports by Commodities - Cat. No. 65-004

TABLE 4

HOUSEHOLD ELECTRICAL PRODUCTS

COMMODITY EXPORTS AND IMPORTS

FULL YEAR

	<u>1983</u>	<u>1984</u>	<u>% Change</u>
	----- \$ 000 -----		
REFRIGERATORS AND FREEZERS			
Exports	36 636	35 504	(3.1)
Imports	26 703	37 324	39.8
Trade Surplus (Deficit)	9 933	(1 820)	
ELEC. WASHING MACHINES AND PARTS			
Exports	7 313	8 108	10.9
Imports	42 033	43 362	3.2
Trade Surplus (Deficit)	(34 720)	(35 254)	1.5

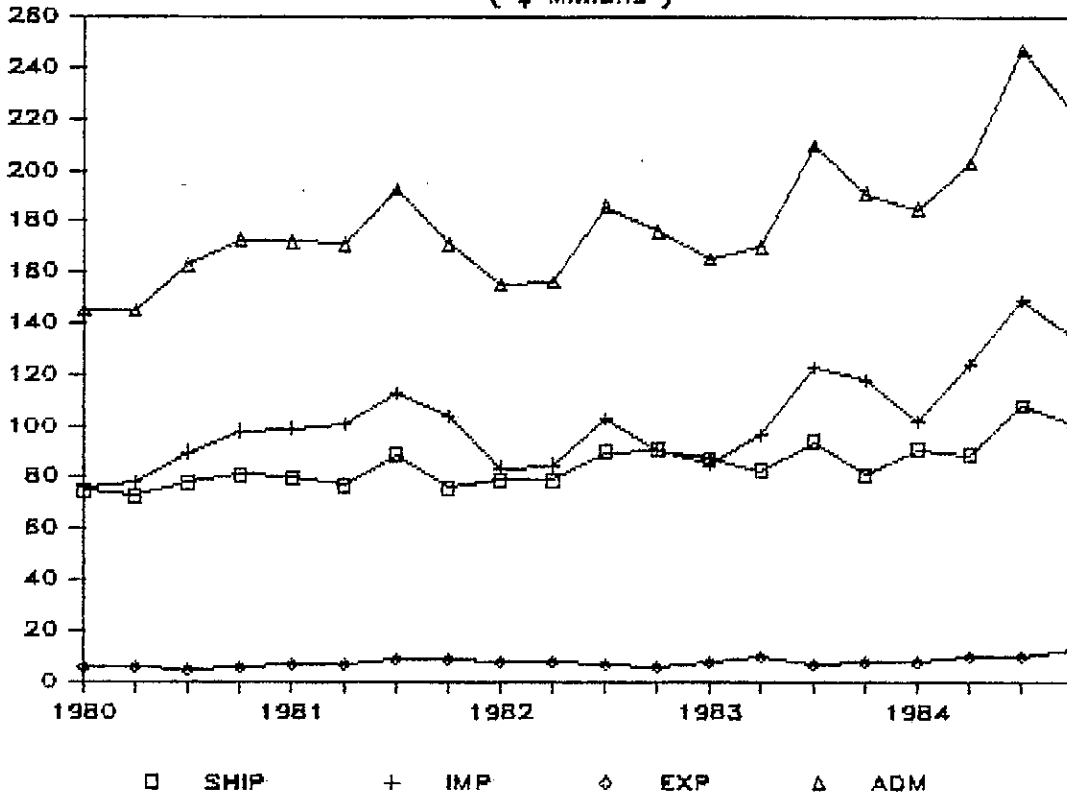
**TABLE 5**  
**HOUSEHOLD ELECTRICAL PRODUCTS**  
**INDUSTRIAL SECTORS**  
**NUMBER OF EMPLOYEES**

	<u>As At December 1983</u>	<u>As At December 1984</u>
Major Appliances	8 346	7 534
Small Appliances	3 737	3 618
	<u>12 083</u>	<u>11 152</u>

SOURCE: Employment, Earnings and Hours - Cat. No. 72-002.

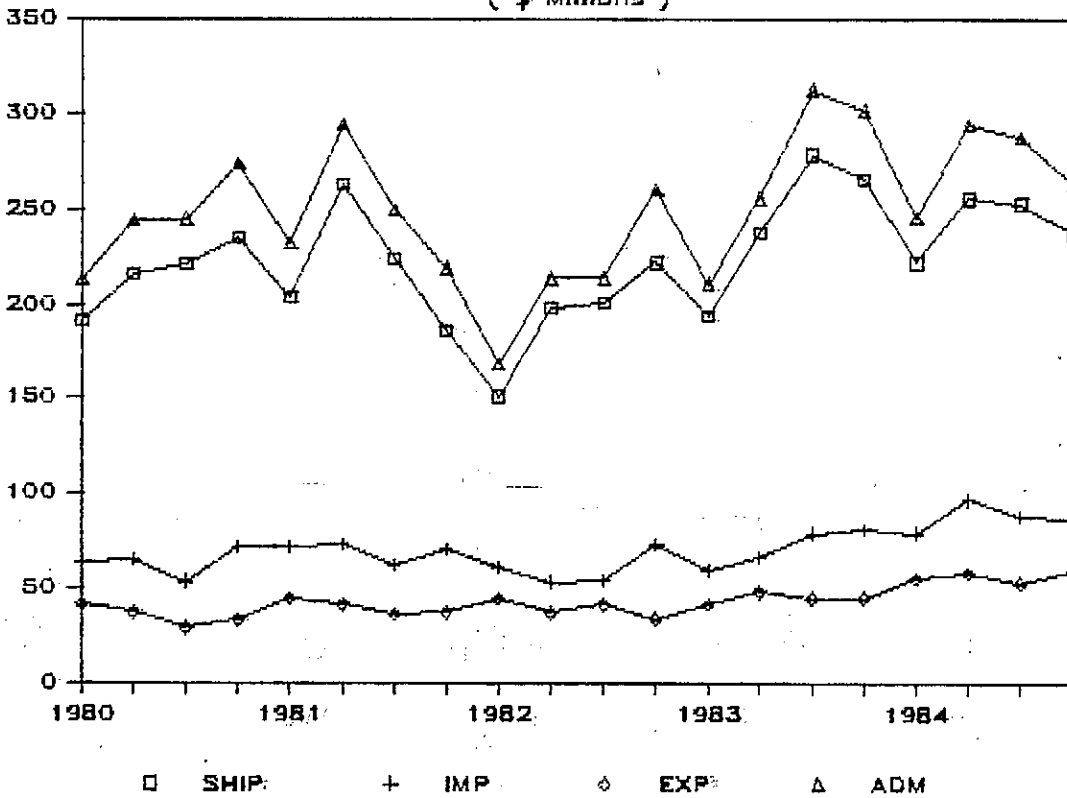
# SMALL HHLD. ELECTRICAL APPLIANCES

( \$ Millions )



# MAJOR HHLD. ELECTRICAL APPLIANCES

( \$ Millions )





**TABLE 6**  
**ELECTRONIC PRODUCTS**

**INDUSTRIAL SECTOR**

**FOURTH QUARTER**

	1983	1984		% Change	
	4th Qtr	4th Qtr	3rd Qtr	Qtr	Annual
----- \$ Millions -----					
<b>COMMUNICATIONS</b>					
<b>EQUIPMENT &amp; COMPONENTS</b>					
ADM	948	984	986	(0.2)	3.8
Shipments	836	1 022	845	20.9	22.2
Trade Surplus (Deficit)	(112)	38	(141)	-	-
Exports	548	843	647	25.1	53.8
Imports	660	805	815	(1.2)	22.0
<b>OFFICE &amp; STORE MACHINERY</b>					
ADM	928	1 214	1 132	7.2	30.8
Shipments	350	445	413	7.7	27.1
Trade Surplus (Deficit)	(578)	(769)	(719)	7.0	33.0
Exports	422	500	483	3.5	18.5
Imports	1 000	1 269	1 202	5.6	26.9
<b>RADIO AND TELEVISION</b>					
ADM	366	450	468	(3.8)	23.0
Shipments	122	145	124	16.9	18.9
Trade Surplus (Deficit)	(244)	(305)	(344)	(11.3)	25.0
Exports	35	60	39	53.8	71.4
Imports	279	365	383	(4.7)	30.8
<b>INSTRUMENTS</b>					
ADM	396	439	371	18.3	(10.9)
Shipments (estim.)	263	264	234	12.8	0.4
Trade Surplus (Deficit)	(133)	(175)	(137)	-27.7	31.6
Exports	43	60	52	15.4	39.5
Imports	176	235	189	24.3	33.5
<b>TOTAL</b>					
ADM	2 638	3 087	2 957	4.4	17.0
Shipments	1 571	1 876	1 616	16.1	19.4
Trade Surplus (Deficit)	(1 067)	(1 211)	(1 341)	(9.7)	13.5
Exports	1 048	1 463	1 248	17.2	39.6
Imports	2 115	2 674	2 589	3.3	26.4

TABLE 7

ELECTRONIC PRODUCTS

COMMODITY EXPORTS AND IMPORTS

FOURTH QUARTER

	<u>1983</u>	<u>1984</u>		<u>% Change</u>	
	<u>4th Qtr</u>	<u>4th Qtr</u>	<u>3rd Qtr</u>	<u>Qtr</u>	<u>Annual</u>
	----- \$ 000 -----				
TELEPHONE APP. EQUIP. & PTS.					
Exports	169 394	259 007	204 117	26.9	52.9
Imports	47 367	65 308	57 227	14.1	37.9
Trade Surplus (Deficit)	122 027	193 699	146 890	31.9	58.7
PRINTED CIRCUIT BOARDS					
Exports	12 705	13 583	10 967	23.9	6.9
Imports	8 912	13 175	11 947	10.3	47.8
Trade Surplus (Deficit)	3 793	408	(980)		(89.2)
ELECTRONIC COMPUTERS & PARTS					
Exports	400 535	490 845	475 507	3.2	22.5
Imports	857 693	1 114 031	1 056 867	5.4	29.9
Trade Surplus (Deficit)	(457 158)	(623 186)	(581 360)	7.2	36.3
INTEGRATED CIRCUITS & SEMI-CONDUCTORS & PARTS					
Exports	102 187	170 151	151 991	11.9	66.5
Imports	245 694	319 780	337 327	(5.2)	30.2
Trade Surplus (Deficit)	(143 507)	(149 629)	(185 336)	(19.3)	4.3
TAPE PLAYERS, RECORDERS (EXC. PTS.)					
Exports		N.A.	N.A.	-	
Imports	112 533	160 383	171 095	(6.3)	42.5
Trade Surplus (Deficit)		-	-	-	

TABLE 7 (Cont'd)

ELECTRONIC PRODUCTS

COMMODITY EXPORTS AND IMPORTS

FOURTH QUARTER

	1983	1984		% Change	
	<u>4th Qtr</u>	<u>4th Qtr</u>	<u>3rd Qtr</u>	<u>Qtr</u>	<u>Annual</u>
	----- \$ 000 -----				
TELEVISION SETS					
Exports	11 250	15 018	15 740	(4.6)	33.5
Imports	66 038	64 836	67 935	(4.6)	(1.8)
Trade Surplus (Deficit)	(54 788)	(49 818)	(52 195)	(4.6)	(9.1)
RADIOS					
Exports	3 240	3 397	2 020	68.2	4.8
Imports	49 516	59 325	57 572	3.0	19.8
Trade Surplus (Deficit)	(46 276)	(55 928)	(55 552)	0.7	20.9
COMBINATION RADIO- PHONOGRAPH SETS					
Exports	19 506	40 099	20 012	100.4	105.6
Imports	46 035	74 668	80 830	(7.6)	62.2
Trade Surplus (Deficit)	(26 529)	(34 569)	(60 818)	(43.2)	30.3
GEOPHYSICAL & MINERAL PROSP. EQUIP. & PARTS					
Exports	6 615	8 736	9 834	(11.2)	32.1
Imports	44 580	49 281	34 680	42.1	10.5
Trade Surplus (Deficit)	(37 965)	(40 545)	(24 846)	63.2	6.8
COMMERCIAL COMMUNICATIONS EQUIPMENT N.E.S.					
Exports	64 651	192 451	86 287	123.0	197.7
Imports	64 691	86 834	68 652	26.5	34.2
Trade Surplus (Deficit)	(40)	105 617	17 635		
PHOTOCOPY AND SIMILAR MACHINES & PARTS					
Exports	N.A.	N.A.	N.A.		
Imports	72 075	85 639	74 817	14.5	18.8

**TABLE 8**  
**ELECTRONIC PRODUCTS**  
**INDUSTRIAL SECTOR**  
**FULL YEAR**

	<u>1983</u>	<u>1984</u>	<u>% Change</u>
	----- \$ Millions -----		
<b>COMMUNICATIONS EQUIPMENT AND COMPONENTS</b>			
ADM	3 413	3 961	16.1
Shipments	2 934	3 517	19.9
Trade Surplus (Deficit)	(479)	(444)	(7.3)
Exports	1 805	2 749	52.3
Imports	2 284	3 193	39.8
<b>OFFICE AND STORE MACHINERY</b>			
ADM	3 167	4 619	45.8
Shipments	1 170	1 558	33.2
Trade Surplus (Deficit)	(1 997)	(3 061)	53.3
Exports	1 378	1 805	31.0
Imports	3 375	4 866	44.2
<b>RADIO AND TELEVISION</b>			
ADM	1 275	1 694	32.9
Shipments	472	492	4.2
Trade Surplus (Deficit)	(803)	(1 202)	49.7
Exports	145	176	21.4
Imports	948	1 378	45.4
<b>INSTRUMENTS</b>			
ADM	1 444	1 627	12.7
Shipments	1 010	1 024	1.4
Trade Surplus (Deficit)	(434)	(603)	38.9
Exports	177	204	15.3
Imports	611	807	32.1
<b>TOTAL</b>			
ADM	9 299	11 901	28.0
Shipments	5 586	6 591	18.0
Trade Surplus (Deficit)	(3 713)	(5 310)	43.0
Exports	3 505	4 934	40.8
Imports	7 218	10 244	41.9

**TABLE 9**  
**ELECTRONIC PRODUCTS**  
**COMMODITY EXPORTS AND IMPORTS**  
**FULL YEAR**

	<u>1983</u>	<u>1984</u>	<u>% Change</u>
	----- \$ 000 -----		
<b>TELEPHONE APP. EQUIP. AND PTS.</b>			
Exports	576 522	829 828	43.9
Imports	167 190	237 830	42.3
Trade Surplus (Deficit)	409 332	591 998	44.6
<b>PRINTED CIRCUIT BOARDS</b>			
Exports	41 596	44 671	7.4
Imports	36 534	45 530	24.6
Trade Surplus (Deficit)	5 062	(859)	-
<b>ELECTRONIC COMPUTERS &amp; PTS.</b>			
Exports	1 287 724	1 746 877	35.7
Imports	2 886 897	4 244 687	47.0
Trade Surplus (Deficit)	(1 599 173)	(2 497 810)	56.2
<b>INTEGRATED CIRCUITS AND SEMI-CONDUCTORS &amp; PTS.</b>			
Exports	273 373	624 943	128.6
Imports	739 964	1 284 569	73.6
Trade Surplus (Deficit)	(464 591)	(659 626)	42.0
<b>TAPE PLAYERS, RECORDERS (EXC. PTS.)</b>			
Exports	n.a.	n.a.	n.a.
Imports	372 891	563 762	51.2
Trade Surplus (Deficit)			

TABLE 9 (Cont'd)

ELECTRONIC PRODUCTS

COMMODITY EXPORTS AND IMPORTS

FULL YEAR

	<u>1983</u>	<u>1984</u>	<u>% Change</u>
	----- \$ 000 -----		
TELEVISION SETS			
Exports	42 518	49 318	16.0
Imports	216 142	256 775	18.8
Trade Surplus (Deficit)	(173 624)	(207 457)	19.5
RADIOS			
Exports	25 691	14 338	(44.2)
Imports	171 265	243 743	42.3
Trade Surplus (Deficit)	(145 574)	(229 405)	57.6
COMBINATION RADIO- PHONOGRAPH SETS			
Exports	73 486	107 573	46.4
Imports	170 271	288 619	69.5
Trade Surplus (Deficit)	(96 785)	(181 046)	87.1
GEOPHYSICAL AND MINERAL PROSP.			
Exports	31 083	34 579	11.2
Imports	135 525	162 003	19.5
Trade Surplus (Deficit)	(104,442)	(127 424)	22.0
COMMERCIAL COMMUNICATIONS			
Exports	256 822	460 638	79.4
Imports	244 057	291 732	19.5
Trade Surplus (Deficit)	12 765	168 906	
PHOTOCOPY AND SIMILAR MACHINES & PARTS			
Exports	N.A.	N.A.	-
Imports	252 606	343 987	36.2

TABLE 10

ELECTRONIC PRODUCTS

INDUSTRIAL SECTORS

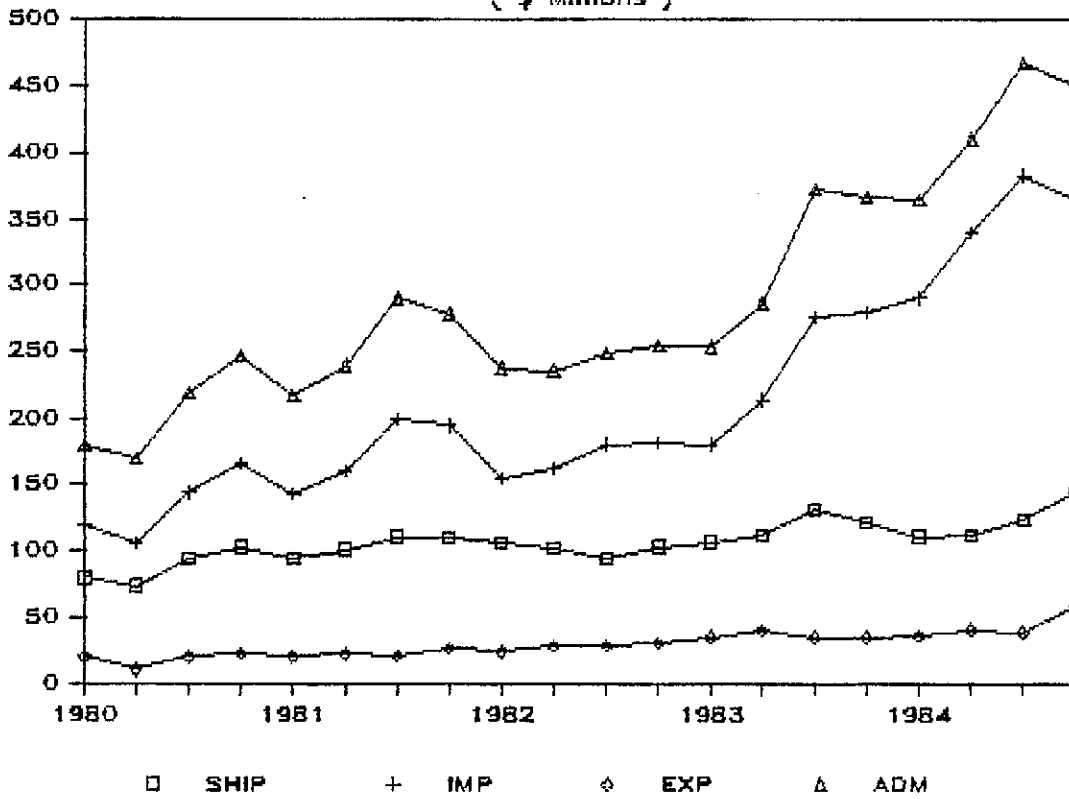
NUMBER OF EMPLOYEES

	<u>As At December 1983</u>	<u>As At December 1984</u>
Radio and Television	3 788	3 817
Communications Equipment & Components	44 578	47 627
Office & Store Machinery	14 499	14 571
Instruments (estimated)	<u>19 540</u>	<u>19 236</u>
	<u>82 405</u>	<u>85 251</u>

SOURCE: Employment, Earnings and Hours - Cat. No. 72-002.

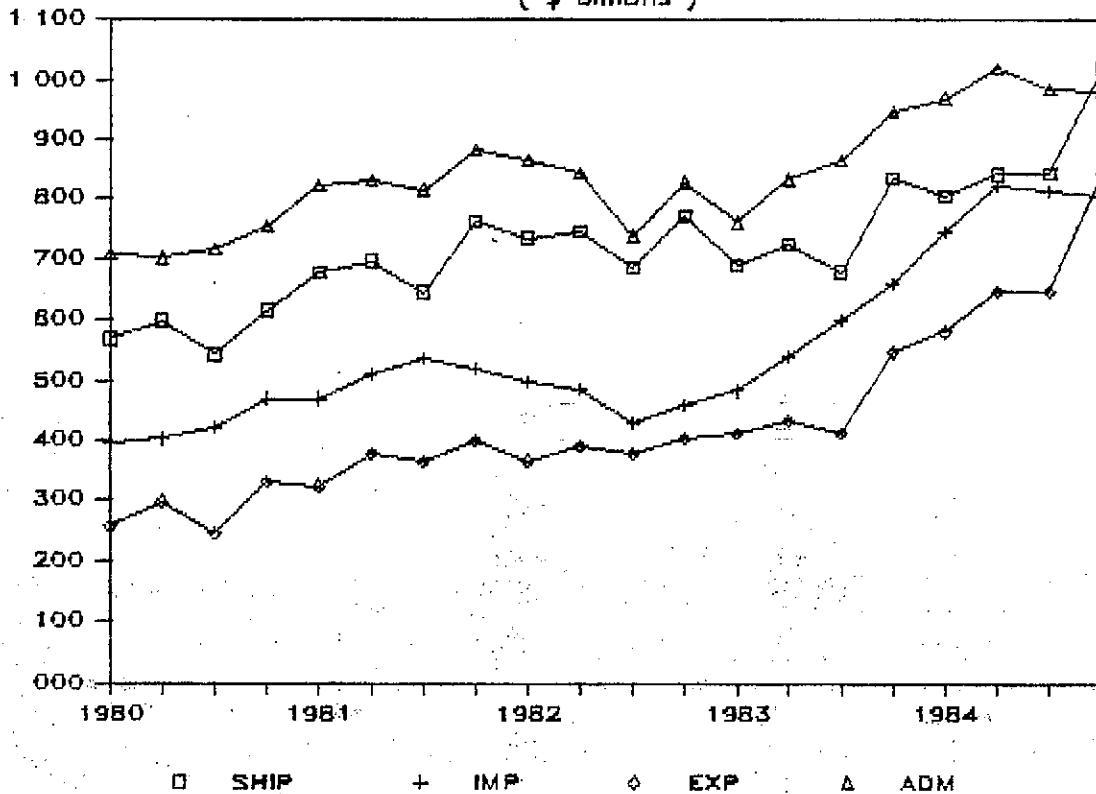
# HOUSEHOLD RADIOS & TELEVISIONS

( \$ Millions )



# COMMUNICATIONS EQUIP. & COMPONENTS

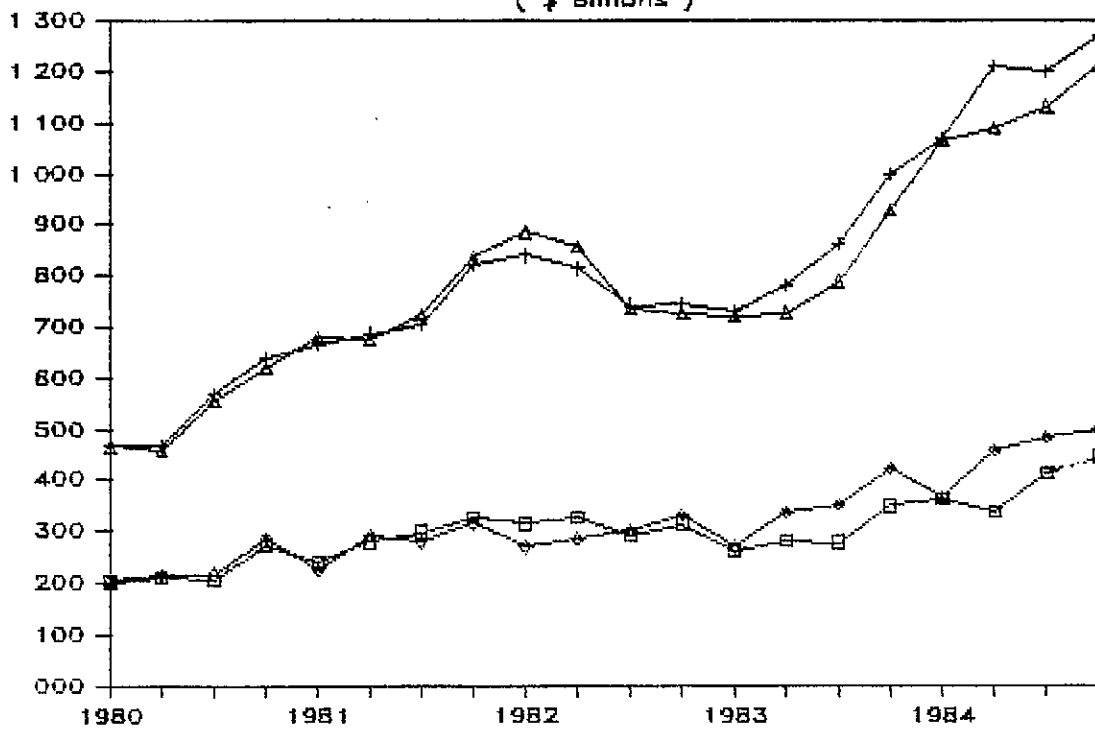
( \$ Billions )





# OFFICE & STORE MACHINERY

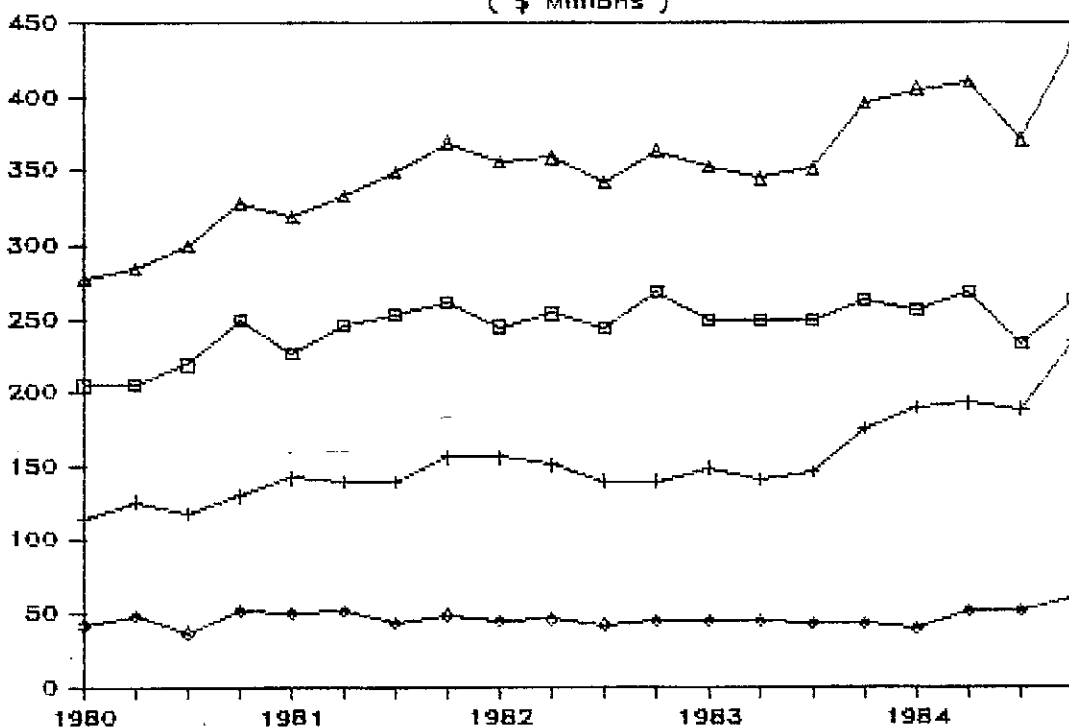
( \$ Billions )



□ SHIP + IMP ◇ EXP △ ADM

# INSTRUMENTATIONS

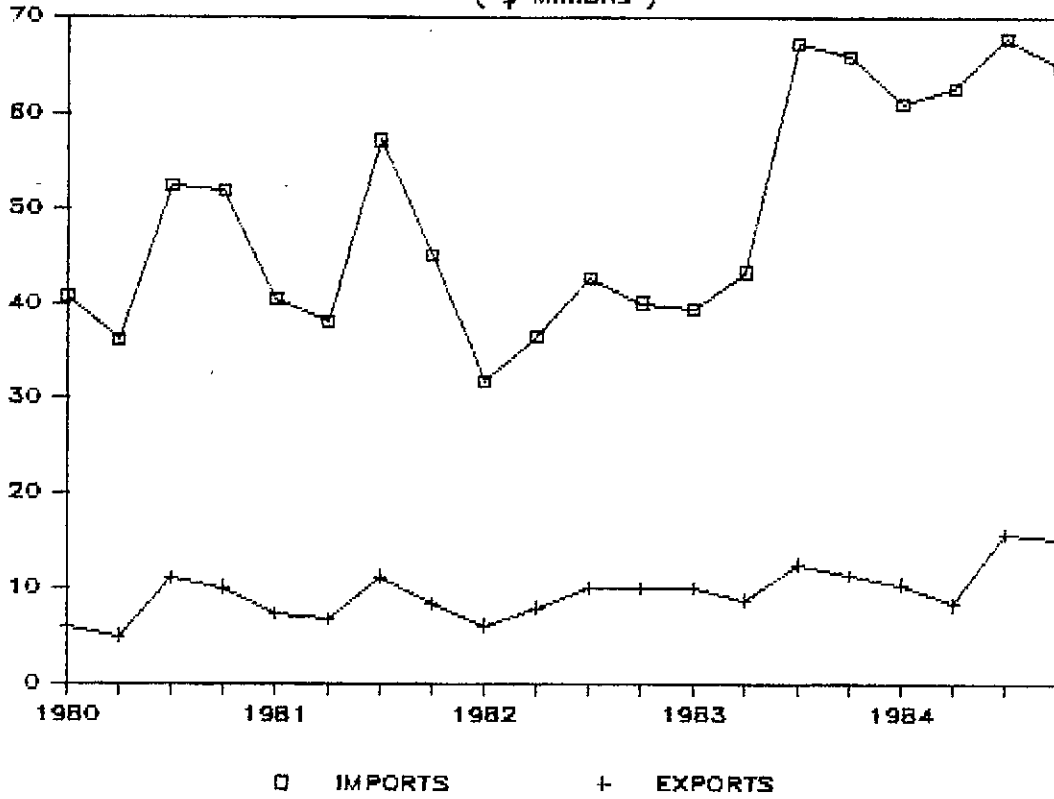
( \$ Millions )



□ SHIP + IMP ◇ EXP △ ADM

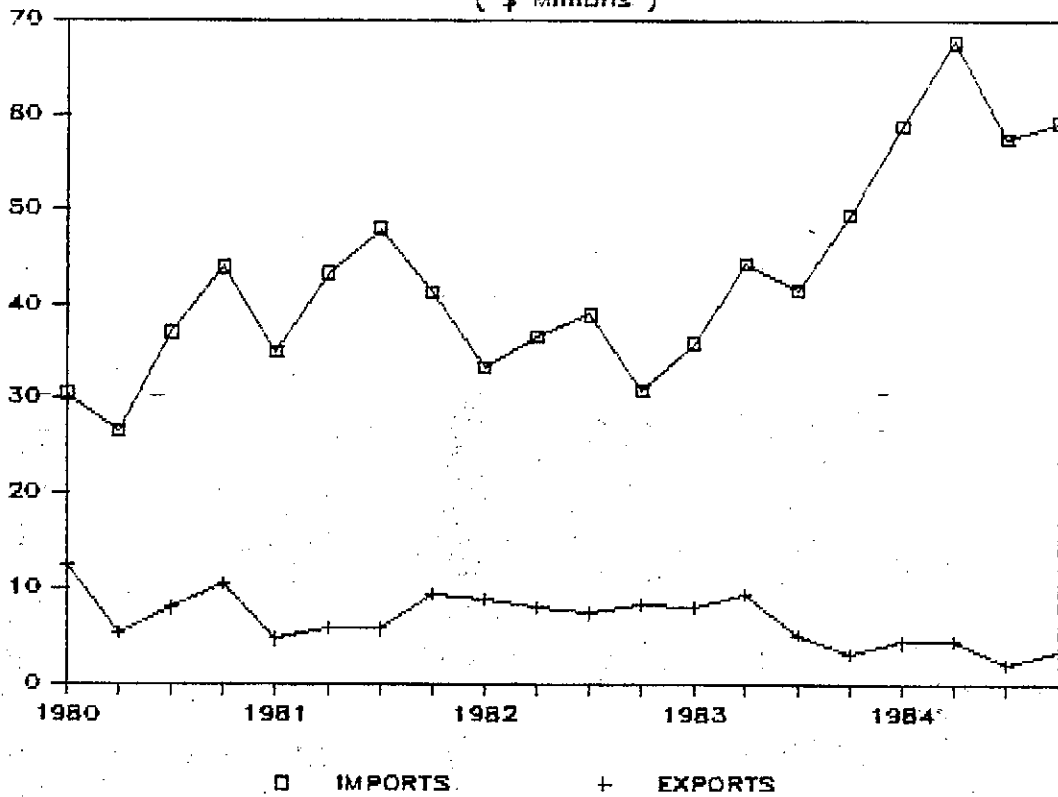
# TELEVISION SETS

( \$ Millions )



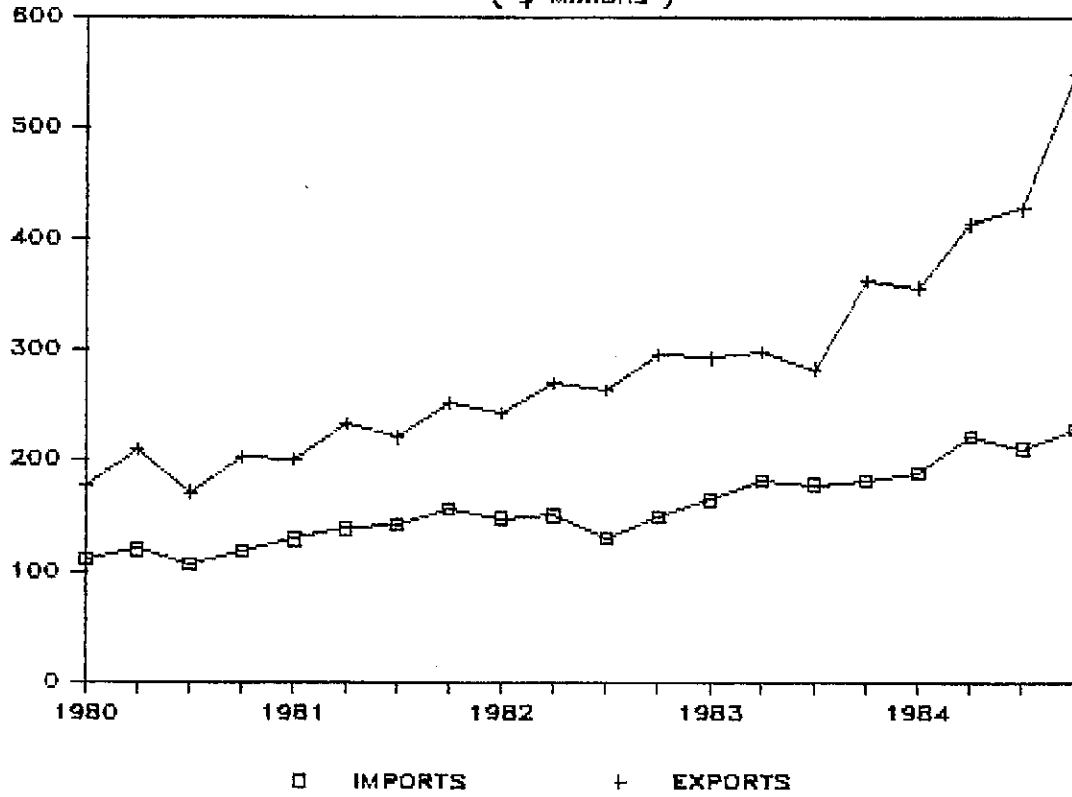
# RADIOS

( \$ Millions )



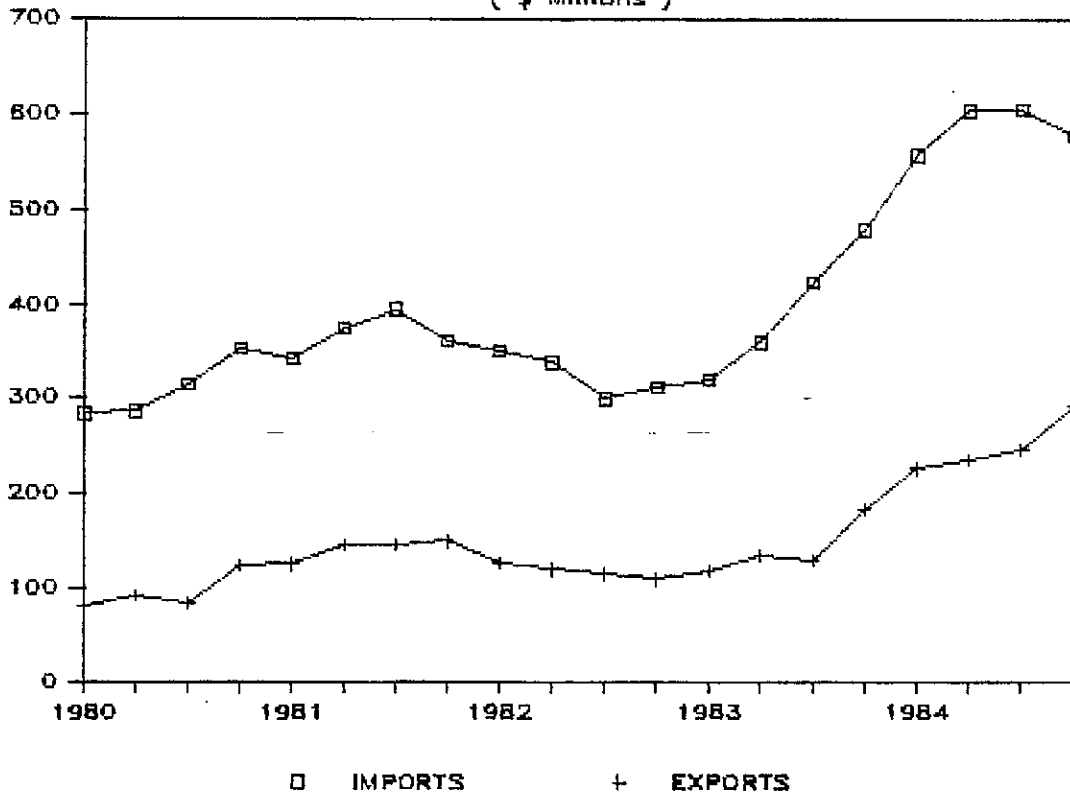
# COMMUNICATIONS EQUIPMENT

( \$ Millions )



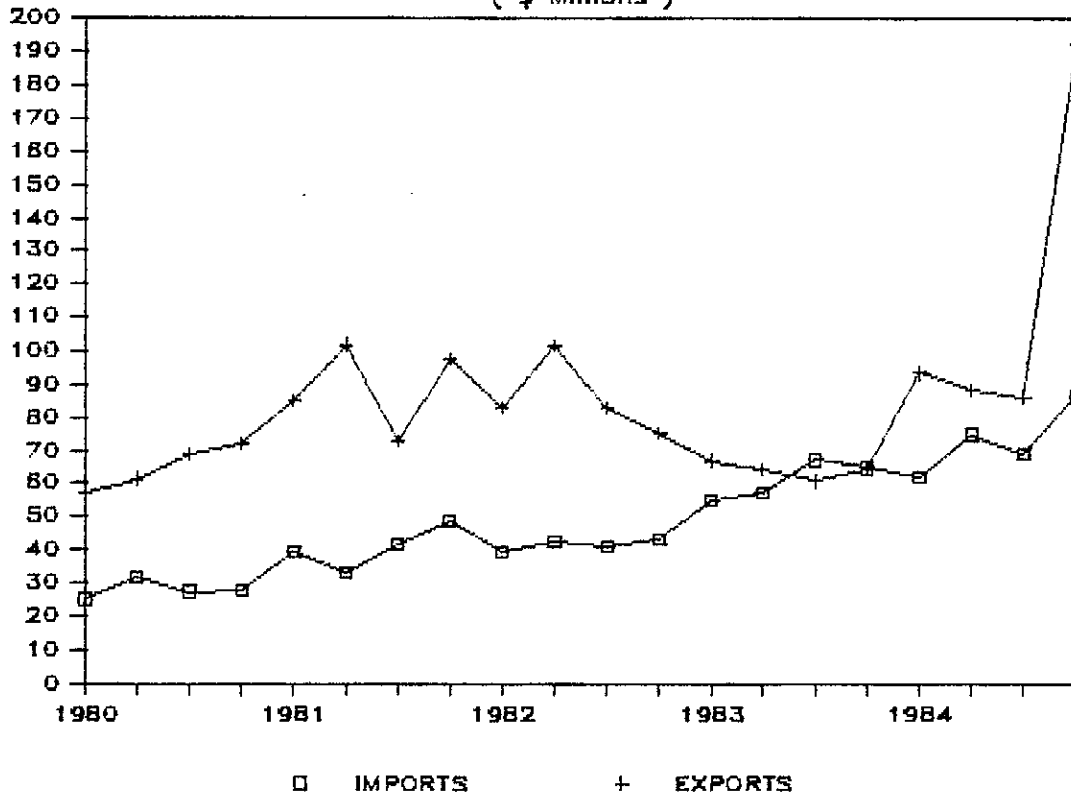
# ELECTRONIC COMPONENTS

( \$ Millions )



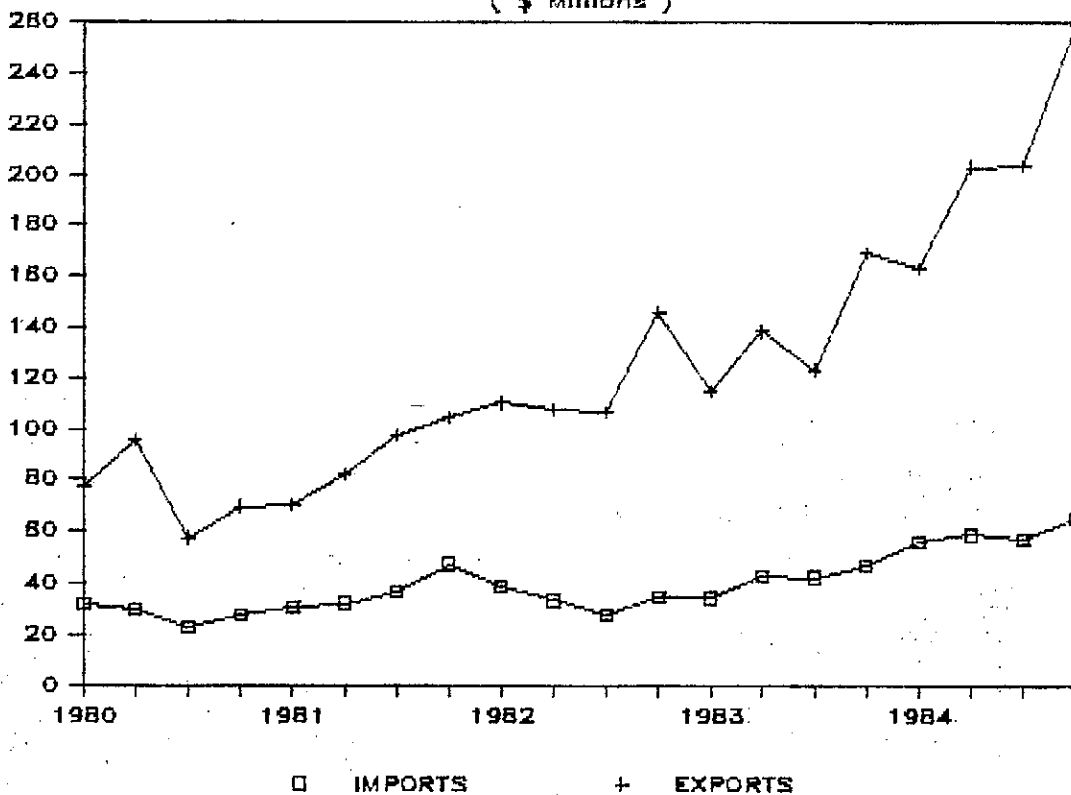
# COMMERCIAL COMMUNICATIONS EQUIP. & PT

( \$ Millions )



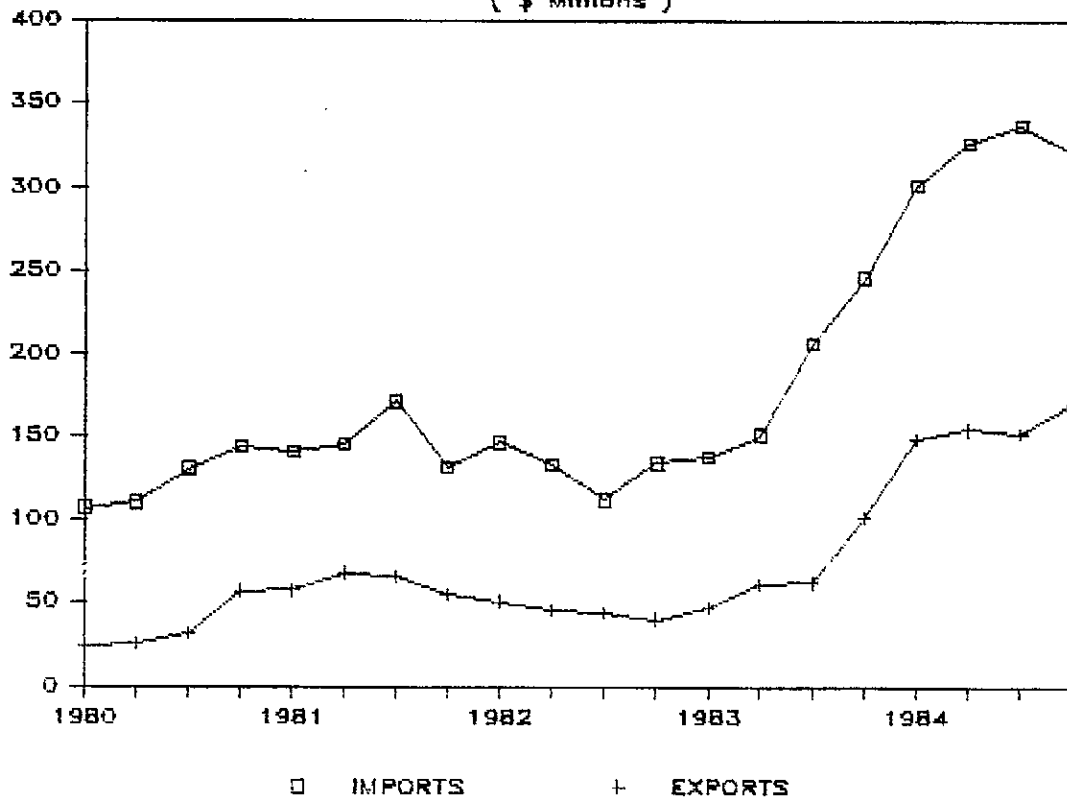
# TELEPHONE APPARATUS & PARTS

( \$ Millions )



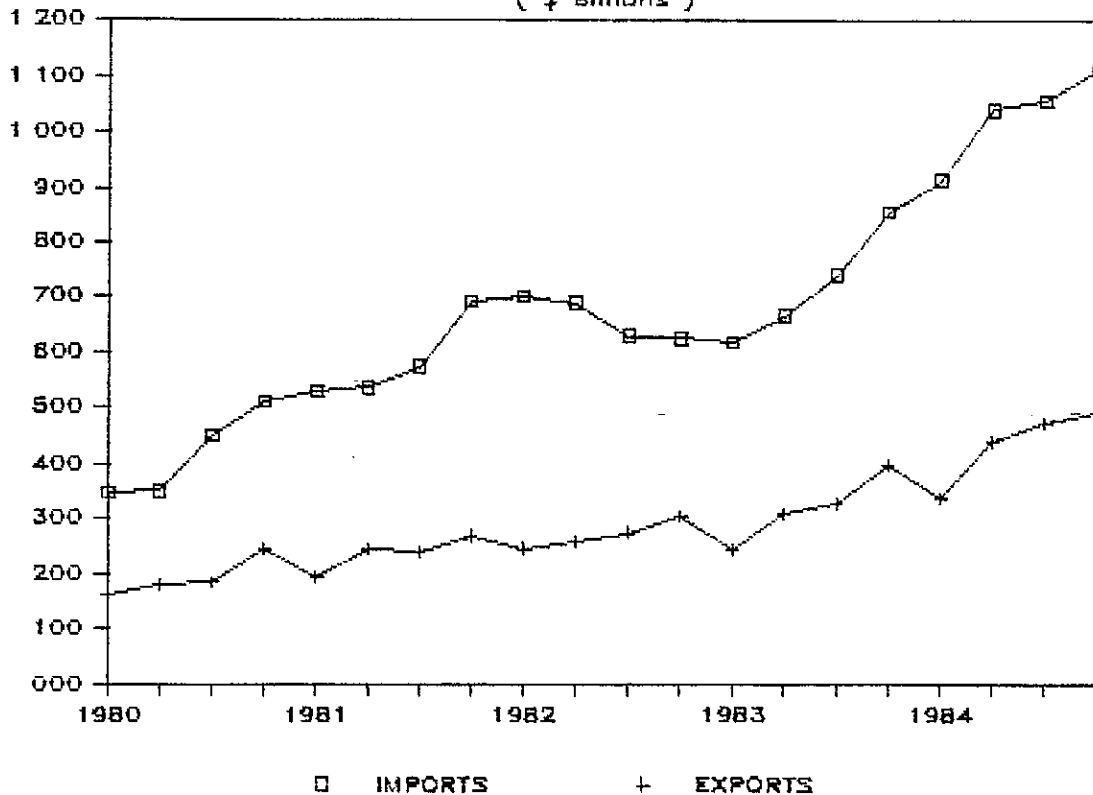
# SEMI-CONDUCTORS & PARTS

( \$ Millions )



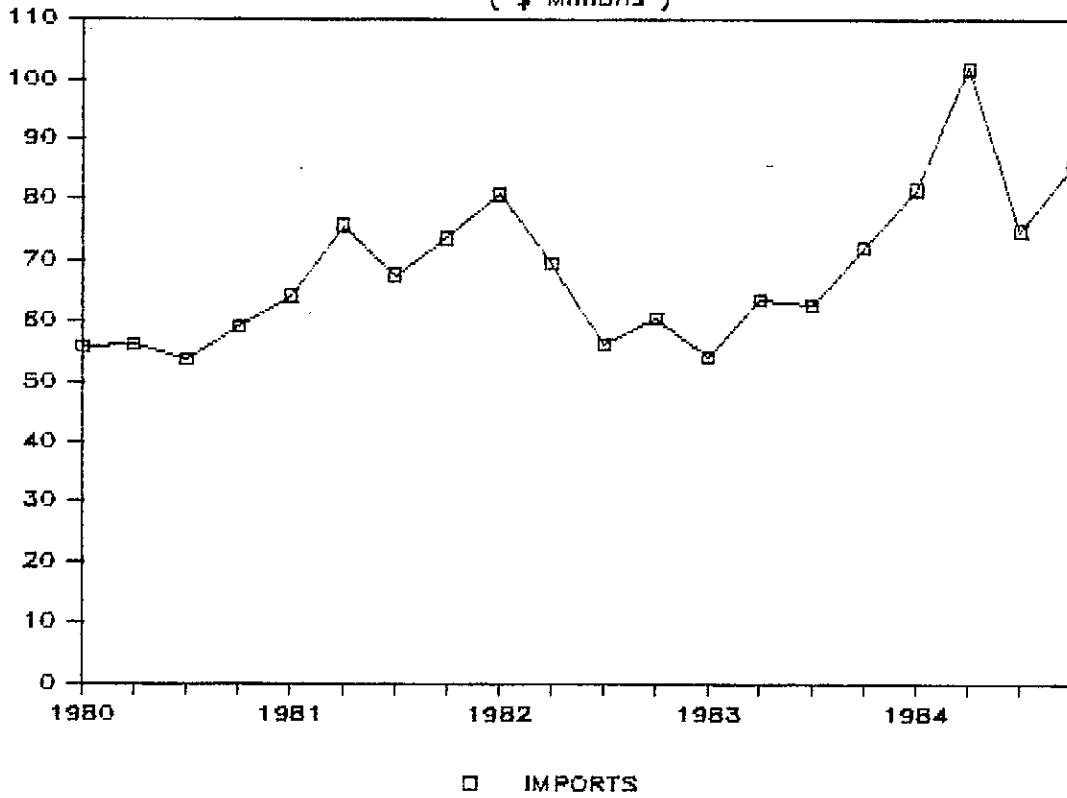
# ELECTRONIC COMPUTERS & PTS.

( \$ Billions )



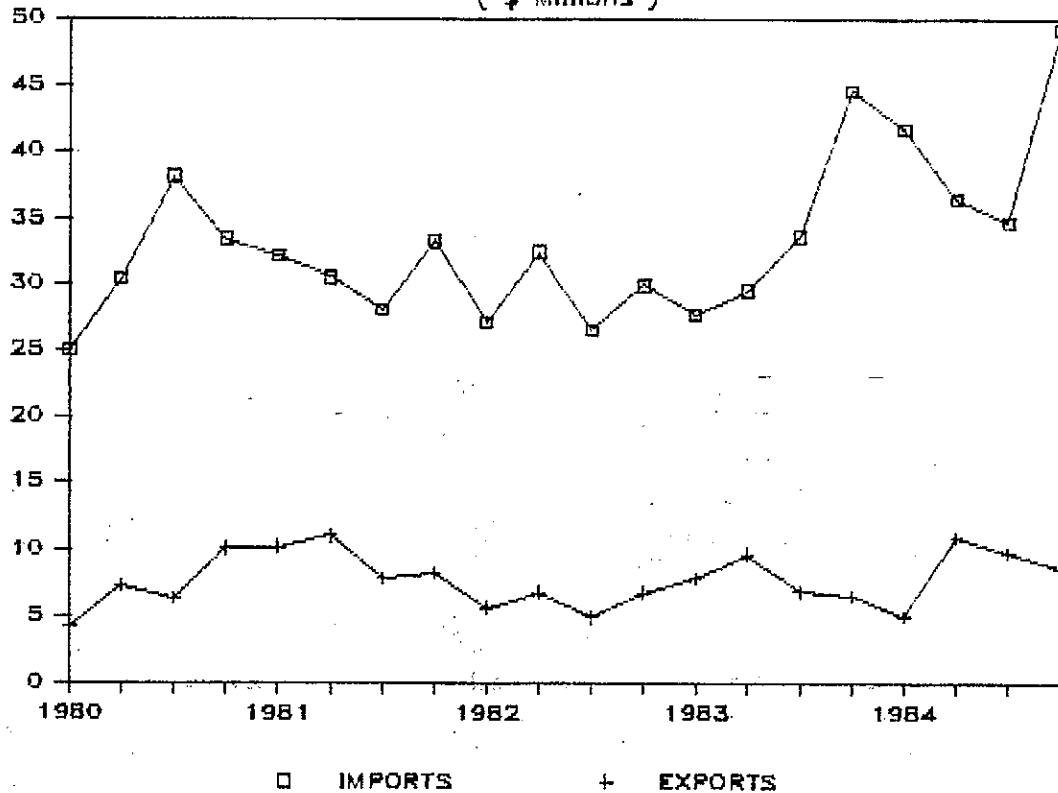
# PHOTOCOPIERS & PTS.(919-47)

( \$ Millions )



# GEOPHYSICAL EQUIP. & PARTS

( \$ Millions )



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