

**ELECTRONICS INDUSTRY AND HOUSEHOLD ELECTRICAL APPLIANCES INDUSTRY  
STATISTICAL REVIEW**

**FIRST QUARTER, 1986**

June 1986

## TABLE OF CONTENTS

### ELECTRONIC PRODUCTS

|  |   |
|--|---|
| Table 1 - First Quarter by Industrial Sectors            | 1 |
| Table 2 - First Quarter by Commodity Exports and Imports | 2 |
| Table 3 - Number of Employees by Industrial Sectors      | 4 |
| Graphs   | 5 |

### HOUSEHOLD ELECTRICAL PRODUCTS

|  |    |
|--|----|
| Table 4 - First Quarter by Industrial Sectors            | 12 |
| Table 5 - First Quarter by Commodity Exports and Imports | 13 |
| Table 6 - Number of Employees by Industrial Sectors      | 14 |
| Graphs   | 15 |

Electronics Directorate  
Regional Industrial Expansion  
June 1986

Source of Statistics - Statistics Canada

**TABLE 1**  
**ELECTRONIC PRODUCTS**  
**FIRST QUARTER BY INDUSTRIAL SECTORS**

|  | 1986           | 1985           |                | % Change   |               |
|--|----------------|----------------|----------------|------------|---------------|
|  | <u>1st Qtr</u> | <u>4th Qtr</u> | <u>1st Qtr</u> | <u>Qtr</u> | <u>Annual</u> |
| ----- \$ Millions -----                              |                |                |                |            |               |
| <b>COMMUNICATIONS EQUIPMENT<br/>&amp; COMPONENTS</b> |                |                |                |            |               |
| ADM  | 1 204          | 1 053          | 1 072          | 14.3       | 12.3          |
| *Shipments   | 1 096          | 1 102          | 1 006          | (0.5)      | 8.9           |
| Trade Surplus<br>(Deficit)                           | (108)          | 49             | (66)           | (320.4)    | 63.6          |
| Exports  | 606            | 729            | 664            | (16.9)     | (8.7)         |
| Imports  | 714            | 680            | 730            | 5.0        | (2.2)         |
| <b>OFFICE &amp; STORE MACHINERY</b>                  |                |                |                |            |               |
| ADM  | 1 061          | 1 041          | 1 111          | 1.9        | (4.5)         |
| *Shipments   | 364            | 385            | 403            | (5.5)      | (9.7)         |
| Trade Surplus<br>(Deficit)                           | (697)          | (656)          | (708)          | 6.3        | (1.6)         |
| Exports  | 464            | 522            | 467            | (12.5)     | (0.6)         |
| Imports  | 1 161          | 1 178          | 1 175          | (1.4)      | (1.2)         |
| <b>RADIO AND TELEVISION</b>                          |                |                |                |            |               |
| ADM  | 442            | 523            | 433            | (15.5)     | 2.1           |
| *Shipments   | 135            | 139            | 121            | (2.9)      | 11.6          |
| Trade Surplus<br>(Deficit)                           | (307)          | (384)          | (312)          | (20.1)     | (1.6)         |
| Exports  | 45             | 46             | 54             | (2.2)      | (16.7)        |
| Imports  | 352            | 430            | 366            | (18.1)     | (3.8)         |
| <b>INSTRUMENTS</b>                                   |                |                |                |            |               |
| ADM  | 344            | 347            | 347            | (0.9)      | (0.9)         |
| *Shipments   | 195            | 201            | 182            | (3.0)      | 7.1           |
| Trade Surplus<br>(Deficit)                           | (149)          | (146)          | (165)          | 2.1        | (9.7)         |
| Exports  | 50             | 53             | 45             | (5.7)      | 11.1          |
| Imports  | 199            | 199            | 210            | ∅          | (5.2)         |
| <b>TOTAL</b>   |                |                |                |            |               |
| ADM  | 3 051          | 2 964          | 2 963          | 2.9        | 3.0           |
| *Shipments   | 1 790          | 1 827          | 1 712          | (2.0)      | 4.6           |
| Trade Surplus<br>(Deficit)                           | (1 261)        | (1 137)        | (1 251)        | 10.9       | 0.8           |
| Exports  | 1 165          | 1 350          | 1 230          | (13.7)     | (5.3)         |
| Imports  | 2 426          | 2 487          | 2 481          | (2.5)      | (2.2)         |

\*All data classified by the 1980 S.I.C.

**TABLE 2**  
**ELECTRONIC PRODUCTS**  
**FIRST QUARTER BY COMMODITY EXPORTS AND IMPORTS**

|  | <u>1986</u>        |                | <u>1985</u>    |                | <u>% Change</u> |               |
|--|--------------------|----------------|----------------|----------------|-----------------|---------------|
|  | <u>1st Qtr</u>     | <u>4th Qtr</u> | <u>1st Qtr</u> | <u>1st Qtr</u> | <u>Qtr</u>      | <u>Annual</u> |
|  | ----- \$ 000 ----- |                |                |                |                 |               |
| <b>COMMUNICATIONS EQUIPMENT</b>                                  |                    |                |                |                |                 |               |
| Exports  | 318 662            | 464 503        | 360 861        | (31.4)         | (11.7)          |               |
| Imports  | 264 942            | 274 381        | 219 301        | (3.4)          | 20.8            |               |
| Trade Surplus<br>(Deficit)                                       | 53 720             | 190 122        | 141 560        | (71.7)         | (62.1)          |               |
| <b>ELECTRONIC COMPONENTS</b>                                     |                    |                |                |                |                 |               |
| Exports  | 287 788            | 264 273        | 303 425        | 8.9            | (5.2)           |               |
| Imports  | 448 808            | 405 338        | 510 636        | 10.7           | (12.1)          |               |
| Trade Surplus<br>(Deficit)                                       | (161 020)          | (141 065)      | (207 211)      | 14.1           | (22.3)          |               |
| <b>TELEPHONE APPARATUS<br/>EQUIPMENT &amp; PARTS</b>             |                    |                |                |                |                 |               |
| Exports  | 157 278            | 221 424        | 210 741        | (29.0)         | (25.4)          |               |
| Imports  | 63 535             | 64 151         | 56 563         | (1.0)          | 12.3            |               |
| Trade Surplus<br>(Deficit)                                       | 93 743             | 157 273        | 154 178        | (40.4)         | (39.2)          |               |
| <b>PRINTED CIRCUIT BOARDS</b>                                    |                    |                |                |                |                 |               |
| Exports  | 13 487             | 16 996         | 12 834         | (20.6)         | 5.1             |               |
| Imports  | 8 957              | 8 642          | 9 174          | 3.6            | (2.4)           |               |
| Trade Surplus<br>(Deficit)                                       | 4 530              | 8 354          | 3 660          | (45.8)         | 23.8            |               |
| <b>ELECTRONIC COMPUTERS &amp; PARTS</b>                          |                    |                |                |                |                 |               |
| Exports  | 439 146            | 497 446        | 444 857        | (11.7)         | (1.3)           |               |
| Imports  | 992 337 1          | 011 945        | 1 009 944      | (1.9)          | (1.7)           |               |
| Trade Surplus<br>(Deficit)                                       | (553 191)          | (514 499)      | (565 087)      | 7.5            | (2.1)           |               |
| <b>INTEGRATED CIRCUITS &amp;<br/>SEMI-CONDUCTORS &amp; PARTS</b> |                    |                |                |                |                 |               |
| Exports  | 175 621            | 135 018        | 198 083        | 30.1           | (11.3)          |               |
| Imports  | 271 306            | 233 600        | 327 742        | 16.1           | (17.2)          |               |
| Trade Surplus<br>(Deficit)                                       | (95 685)           | (98 582)       | (129 659)      | (2.9)          | (26.2)          |               |

**TABLE 2 (Cont'd)**  
**ELECTRONIC PRODUCTS**  
**FIRST QUARTER BY COMMODITY EXPORTS AND IMPORTS**

|  | 1986               | 1985           |                | % Change   |               |
|--|--------------------|----------------|----------------|------------|---------------|
|  | <u>1st Qtr</u>     | <u>4th Qtr</u> | <u>1st Qtr</u> | <u>Qtr</u> | <u>Annual</u> |
|  | ----- \$ 000 ----- |                |                |            |               |
| <b>TAPE PLAYERS, RECORDERS</b>   |                    |                |                |            |               |
| <b>(EXC. PTS.)</b>   |                    |                |                |            |               |
| Exports  |                    |                |                |            |               |
| Imports  | 105 817            | 129 647        | 137 113        | (18.4)     | (22.8)        |
| Trade Surplus<br>(Deficit)   |                    |                |                |            |               |
| <b>TELEVISION SETS</b>   |                    |                |                |            |               |
| Exports  | 10 537             | 20 739         | 15 234         | (49.2)     | (30.8)        |
| Imports  | 49 403             | 72 387         | 45 443         | (31.8)     | 8.7           |
| Trade Surplus<br>(Deficit)   | (38 866)           | (51 648)       | (30 209)       | (24.7)     | 28.7          |
| <b>RADIOS</b>  |                    |                |                |            |               |
| Exports  | 550                | 1 367          | 1 755          | (59.8)     | (68.7)        |
| Imports  | 61 534             | 72 464         | 51 463         | (15.1)     | 19.6          |
| Trade Surplus<br>(Deficit)   | (60 984)           | (71 097)       | (49 708)       | (14.2)     | 22.7          |
| <b>COMBINATION RADIO-<br/>PHONOGRAPH SETS</b>                          |                    |                |                |            |               |
| Exports  | 31 925             | 19 170         | 33 714         | 66.5       | (5.3)         |
| Imports  | 60 142             | 74 331         | 65 706         | (19.1)     | (8.5)         |
| Trade Surplus<br>(Deficit)   | (28 217)           | (55 161)       | (31 992)       | (48.8)     | (11.8)        |
| <b>GEOPHYSICAL &amp; MINERAL<br/>PROSPECTION EQUIPMENT &amp; PARTS</b> |                    |                |                |            |               |
| Exports  | 11 105             | 9 384          | 7 240          | 18.3       | 53.4          |
| Imports  | 47 102             | 58 691         | 47 857         | (19.7)     | (1.6)         |
| Trade Surplus<br>(Deficit)   | (35 997)           | (49 307)       | (40 617)       | (27.0)     | (11.4)        |
| <b>COMMERCIAL COMMUNICATIONS<br/>EQUIPMENT N.E.S.</b>                  |                    |                |                |            |               |
| Exports  | 110 929            | 200 619        | 91 961         | (44.7)     | 20.6          |
| Imports  | 88 646             | 107 006        | 67 320         | (17.2)     | 31.7          |
| Trade Surplus<br>(Deficit)   | 22 283             | 93 613         | 24 641         | (76.2)     | (9.6)         |
| <b>PHOTOCOPY AND SIMILAR MACHINES &amp; PARTS</b>                      |                    |                |                |            |               |
| Exports  |                    |                |                |            |               |
| Imports  | 80 427             | 75 417         | 73 343         | 6.6        | 9.7           |

TABLE 3

ELECTRONIC PRODUCTS

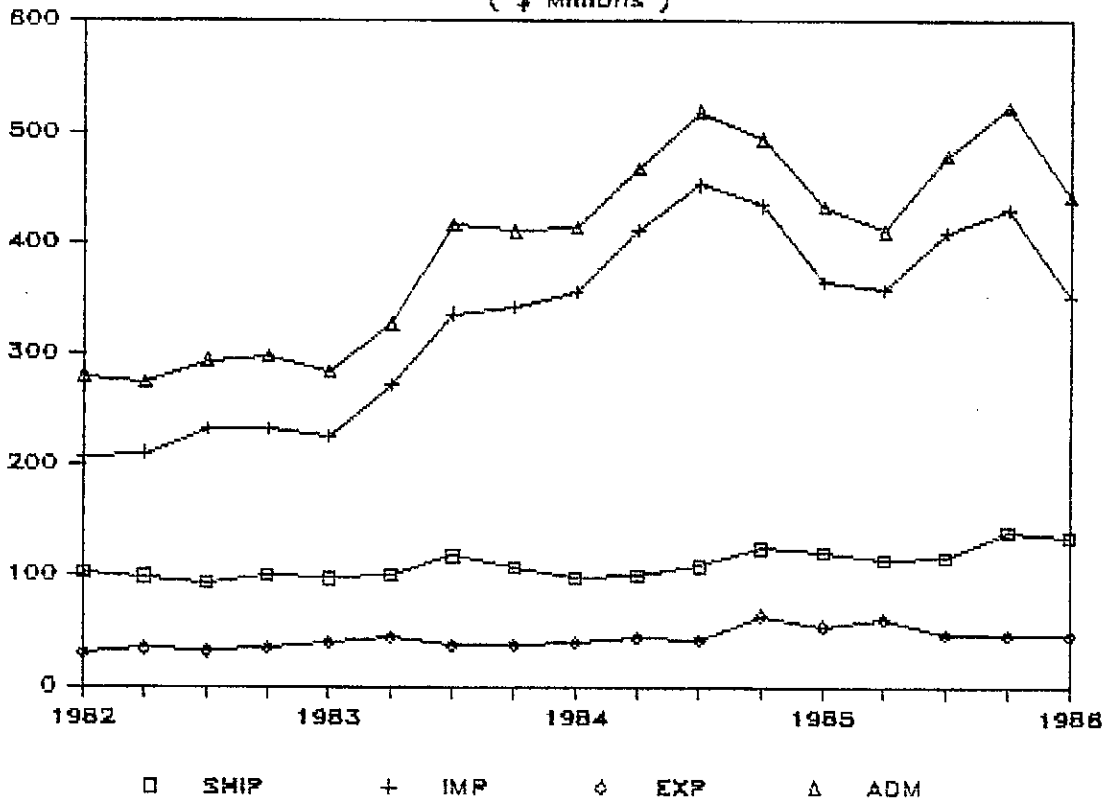
NUMBER OF EMPLOYEES BY INDUSTRIAL SECTORS

| <u>INDUSTRIAL SECTORS</u>                | <u>NUMBER OF EMPLOYEES</u>  |                             |
|--|-----------------------------|-----------------------------|
|  | <u>As At<br/>March 1986</u> | <u>As At<br/>March 1985</u> |
| Radio and Television                     | 4 008                       | 3 973                       |
| Communications Equipment<br>& Components | 48 887                      | 48 074                      |
| Office & Store Machinery                 | 15 482                      | 15 022                      |
| Instruments (estimated)                  | <u>15 647</u>               | <u>18 137</u>               |
|  | <u>84 024</u>               | <u>85 206</u>               |

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

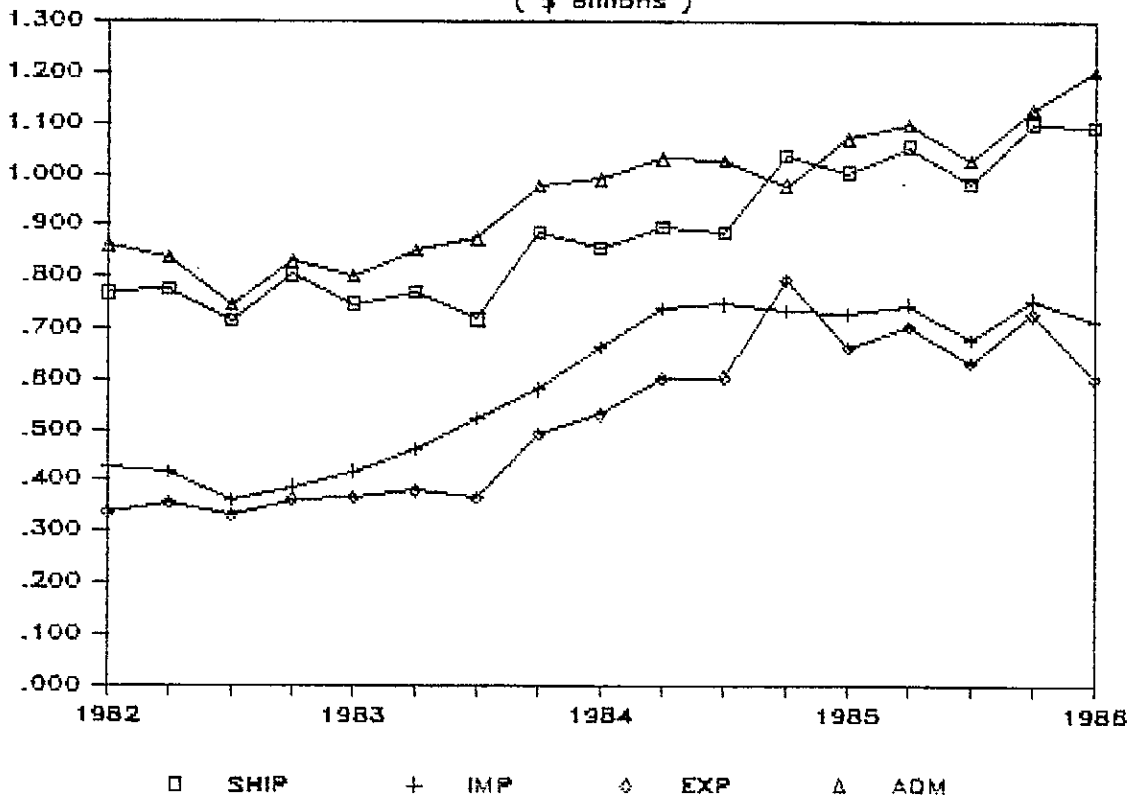
# HOUSEHOLD RADIOS AND TELEVISIONS

( \$ Millions )



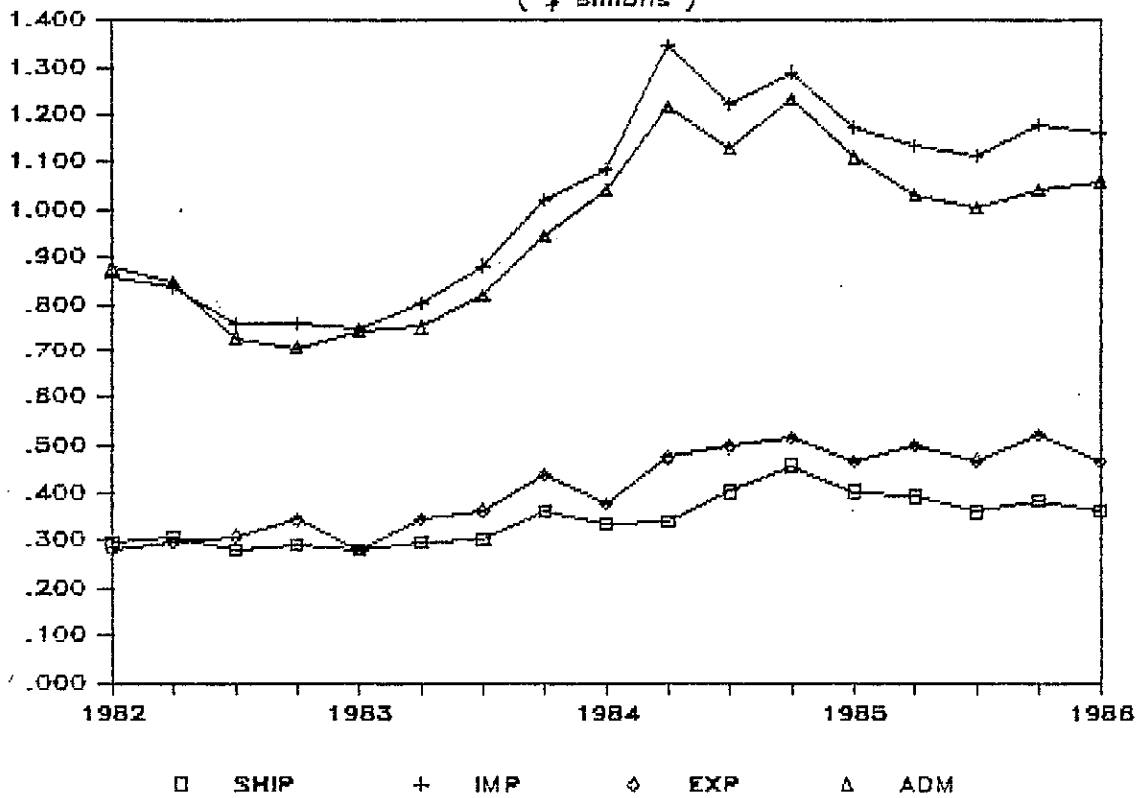
# COMMUNICATIONS EQUIP. AND COMPONENTS

( \$ Billions )



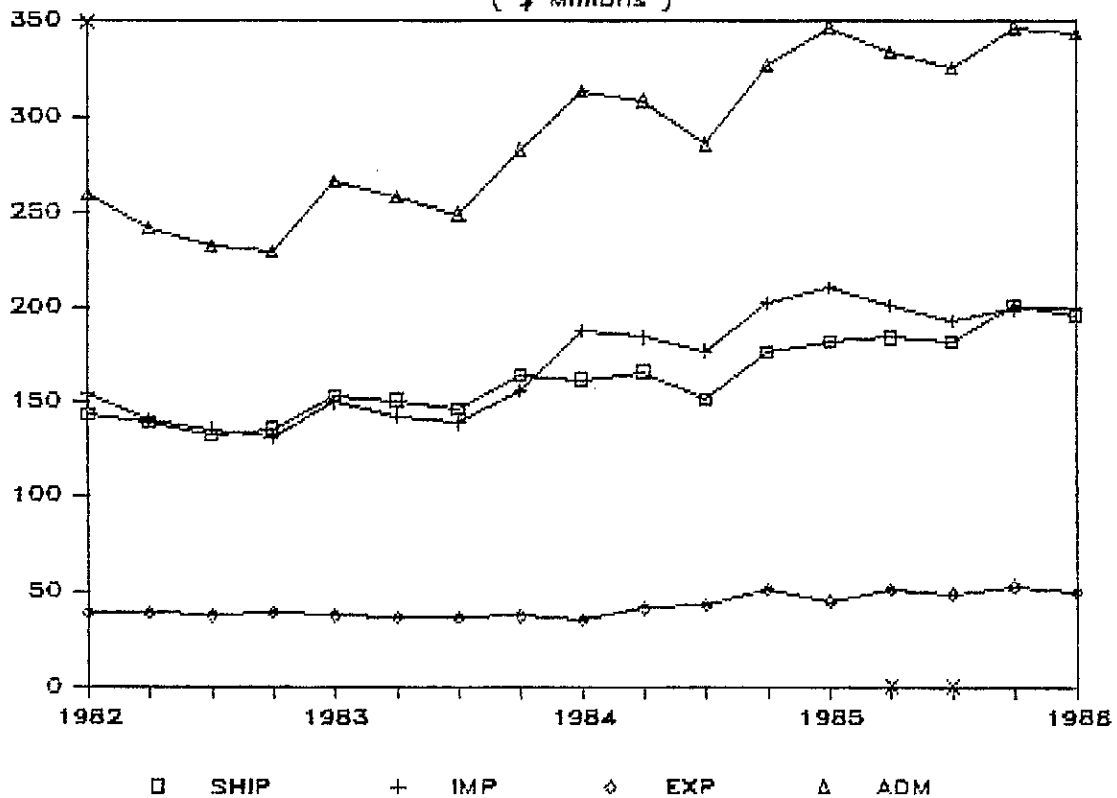
# OFFICE & STORE MACHINERY

( \$ Billions )



# INSTRUMENTATIONS

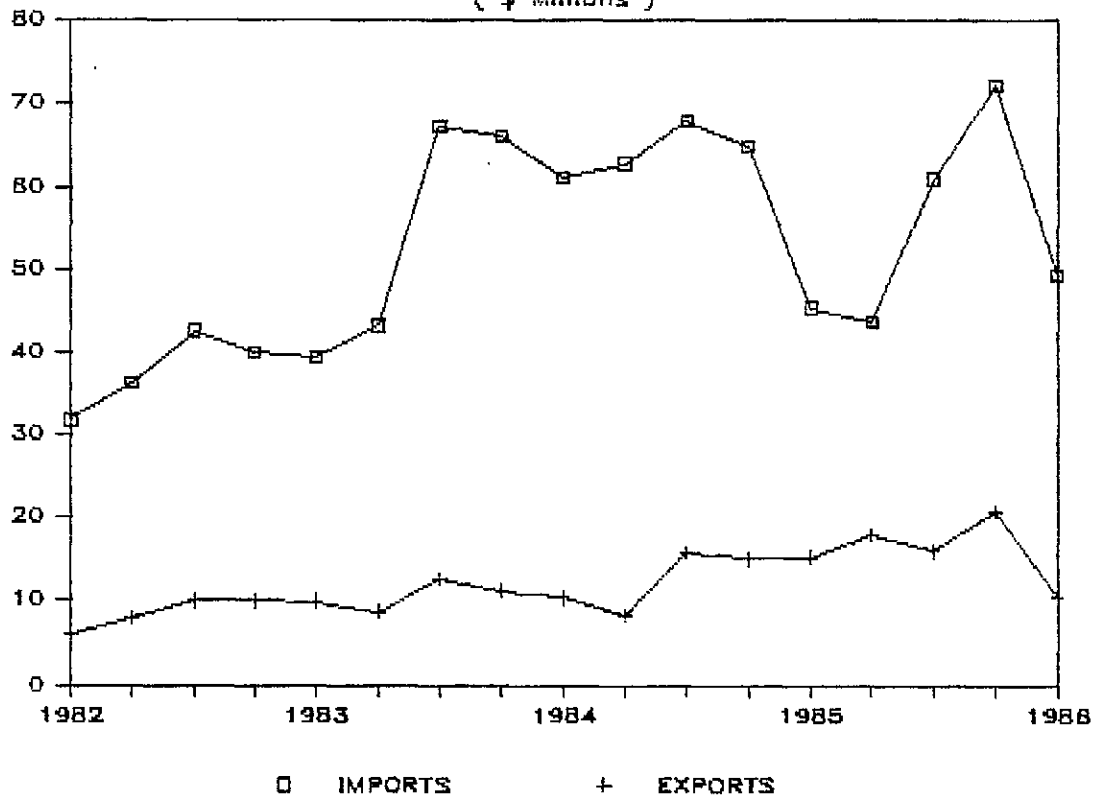
( \$ Millions )





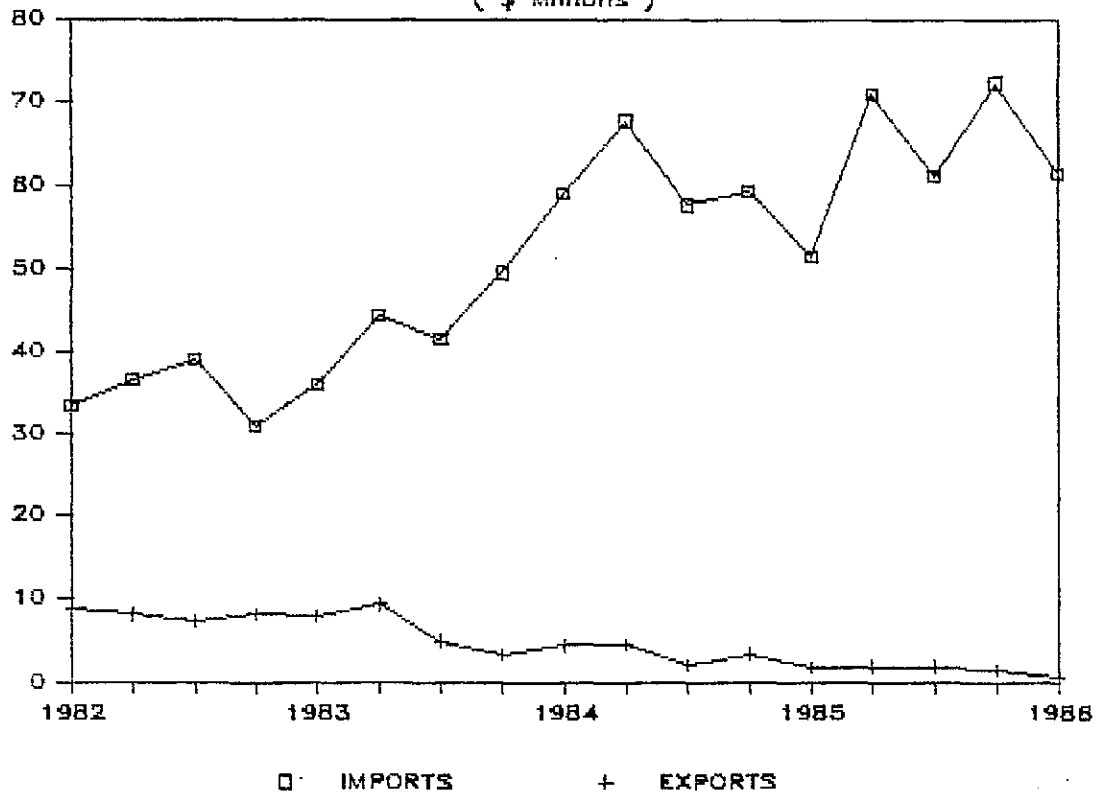
# TELEVISION SETS

( \$ Millions )



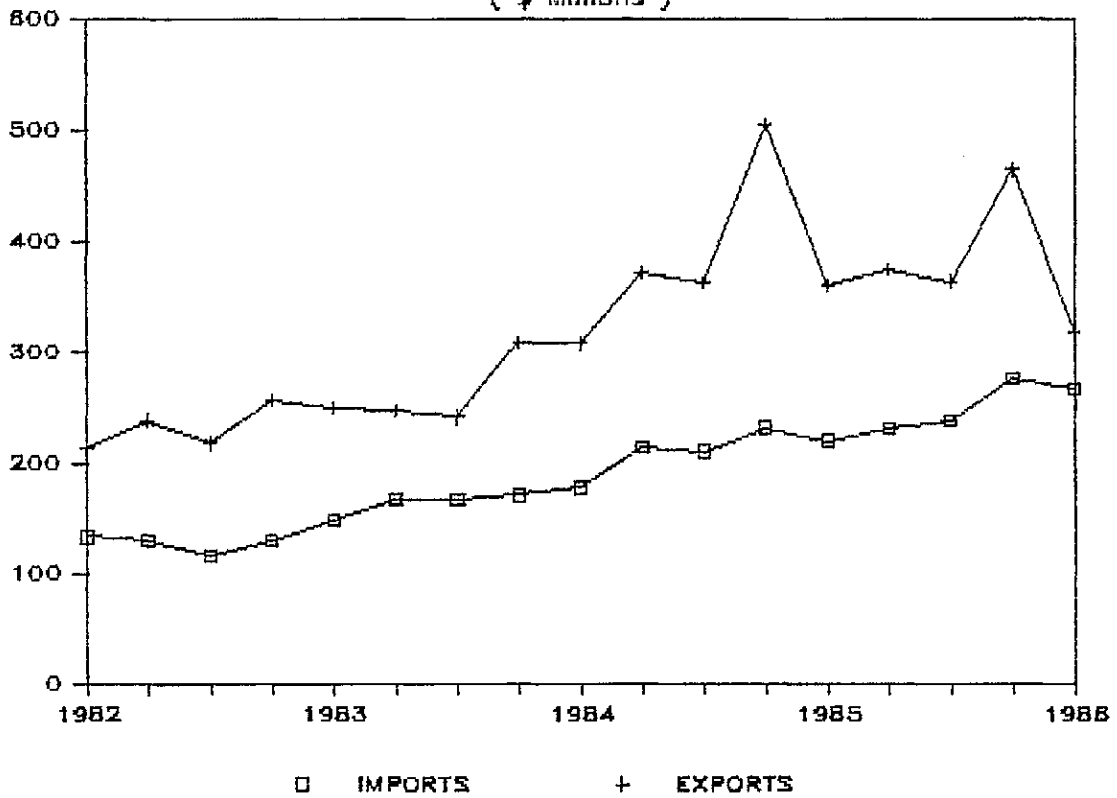
# RADIOS

( \$ Millions )



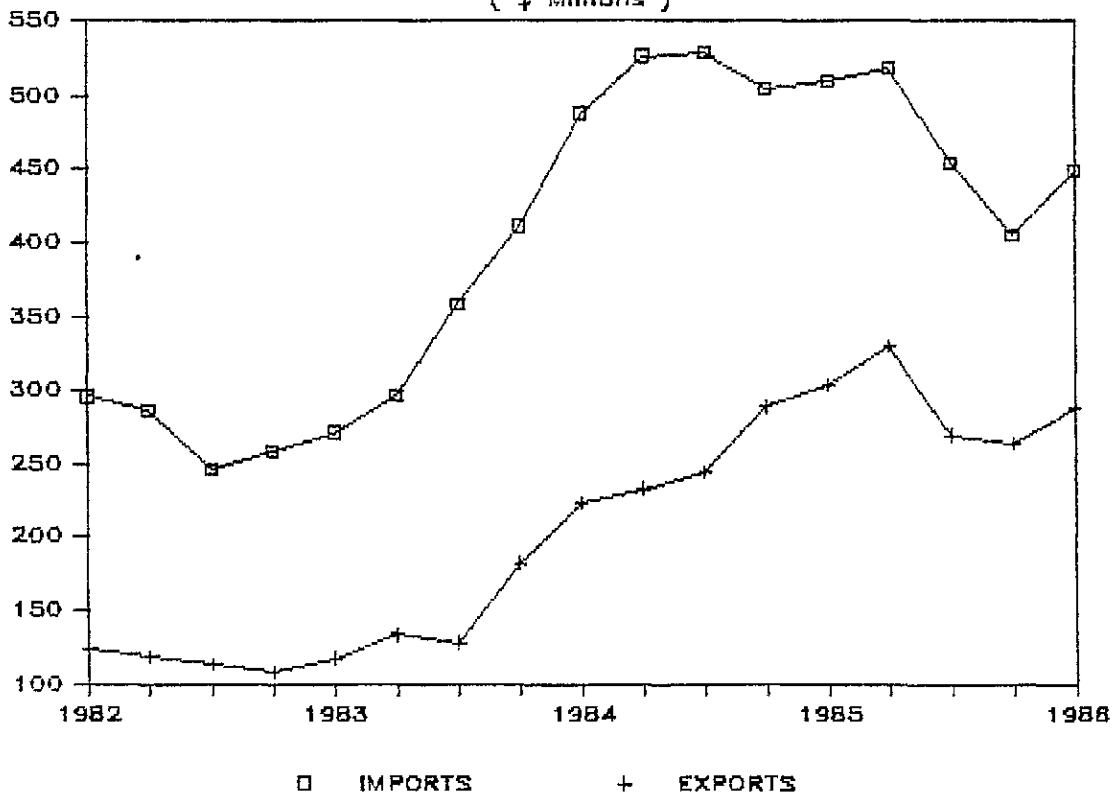
# COMMUNICATIONS EQUIPMENT

( \$ Millions )



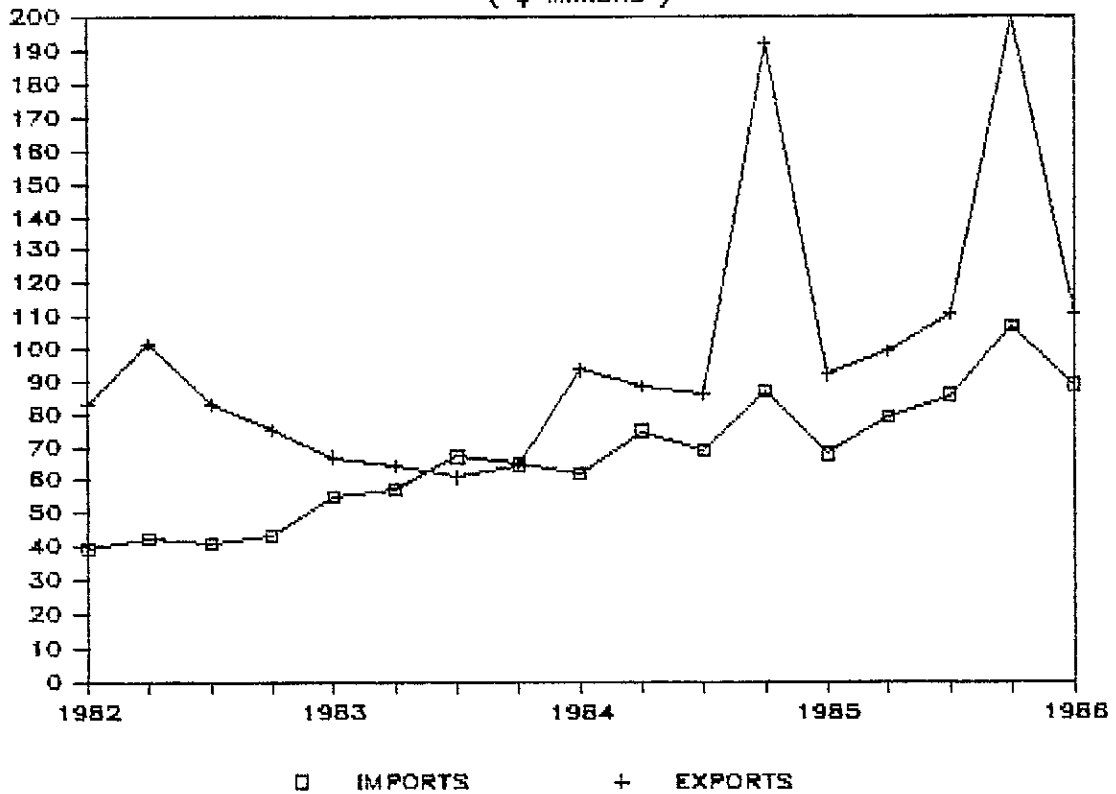
# ELECTRONIC COMPONENTS

( \$ Millions )



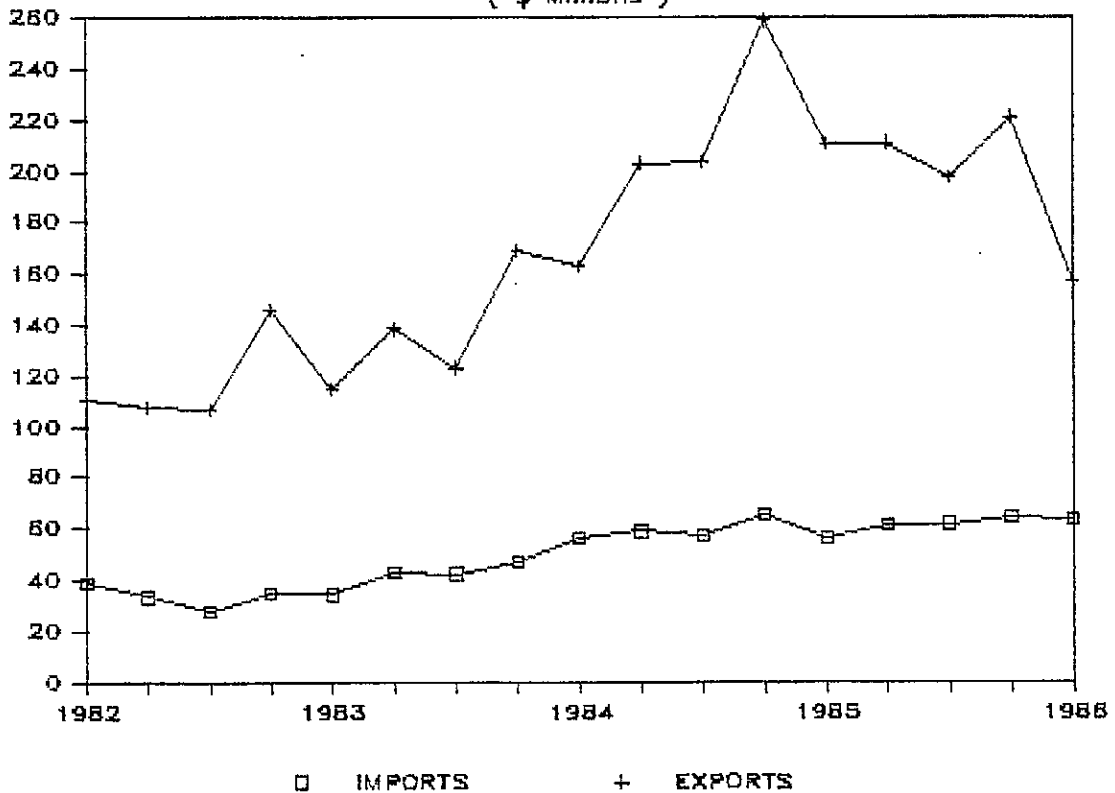
# COMMERCIAL COMMUNICATIONS EQUIP. & PT

( \$ Millions )



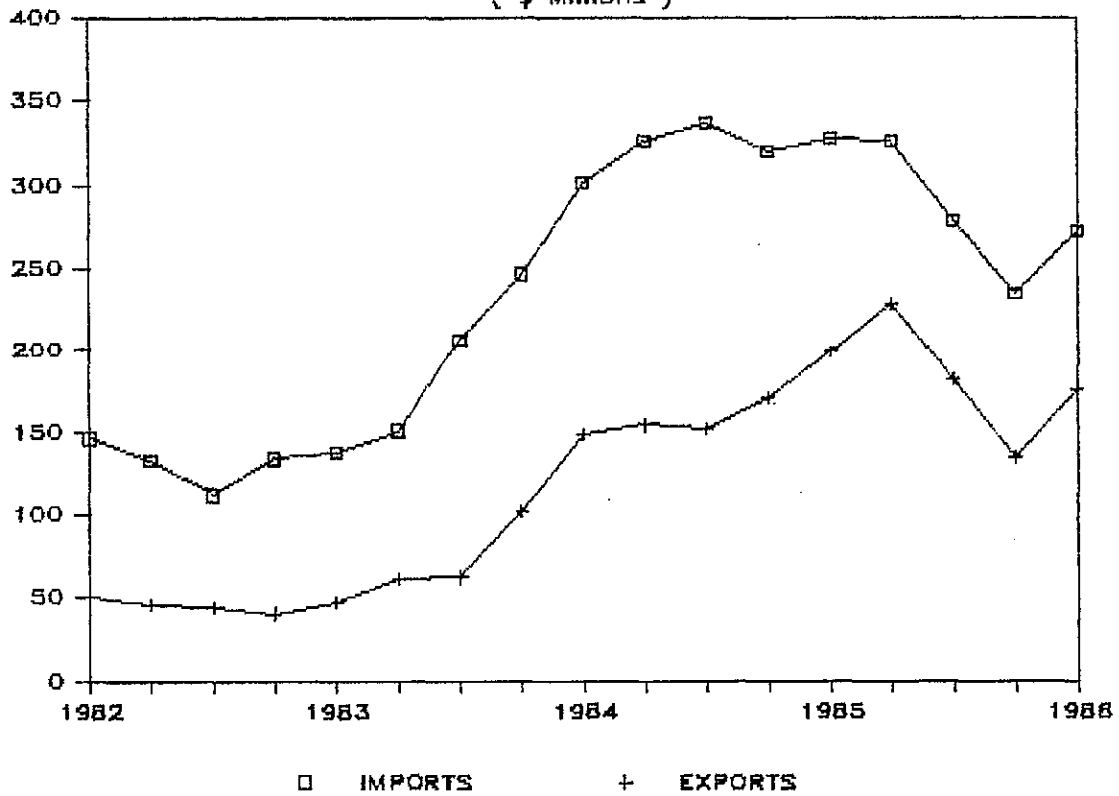
# TELEPHONE APPARATUS & PARTS

( \$ Millions )



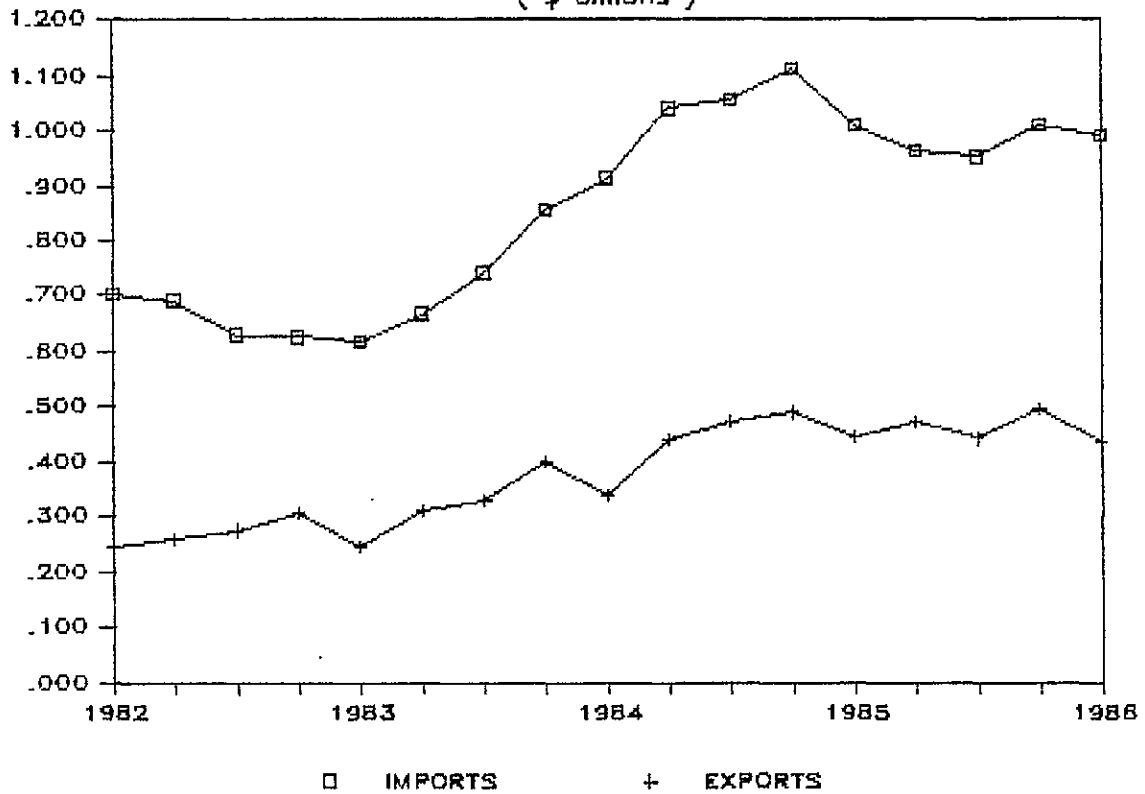
# SEMI-CONDUCTORS & PARTS

( \$ Millions )



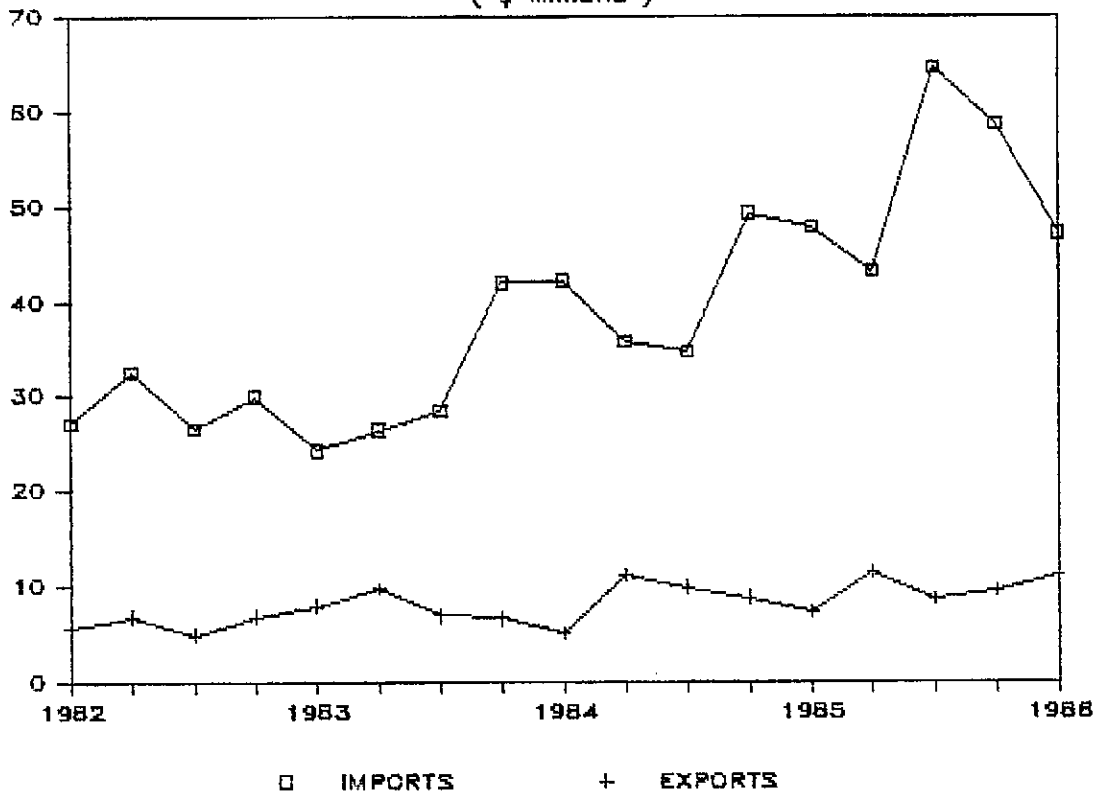
# ELECTRONIC COMPUTERS & PTS.

( \$ Billions )



### GEOPHYSICAL EQUIP. AND PARTS

( \$ Millions )



### PHOTOCOPIERS & PTS.(919-47)

( \$ Millions )

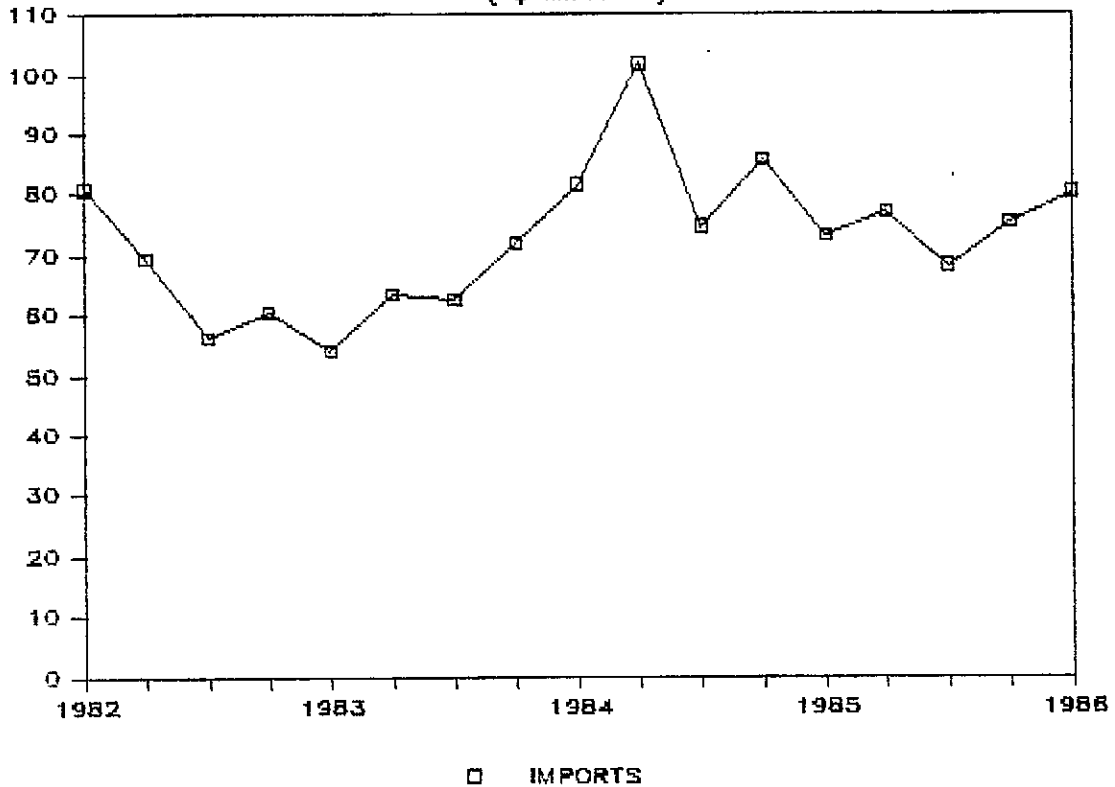


TABLE 4

HOUSEHOLD ELECTRICAL PRODUCTS  
FIRST QUARTER BY INDUSTRIAL SECTORS

|                            | 1986    | 1985    |         | % Change |        |
|----------------------------|---------|---------|---------|----------|--------|
|                            | 1st Qtr | 4th Qtr | 1st Qtr | Qtr      | Annual |
| ----- \$ Millions -----    |         |         |         |          |        |
| MAJOR APPLIANCES           |         |         |         |          |        |
| ADM                        | 306     | 336     | 263     | (8.9)    | 16.3   |
| *Shipments                 | 222     | 246     | 205     | (9.8)    | 8.3    |
| Trade Surplus<br>(Deficit) | (84)    | (90)    | (58)    | (6.7)    | 44.8   |
| Exports                    | 22      | 18      | 18      | 22.2     | 22.2   |
| Imports                    | 106     | 108     | 76      | (1.9)    | 39.5   |
| SMALL APPLIANCES           |         |         |         |          |        |
| ADM                        | 223     | 243     | 207     | (8.2)    | 7.7    |
| *Shipments                 | 117     | 115     | 109     | 1.7      | 7.3    |
| Trade Surplus<br>(Deficit) | (106)   | (128)   | (98)    | (17.2)   | 8.2    |
| Exports                    | 16      | 13      | 12      | 23.1     | 33.3   |
| Imports                    | 122     | 141     | 110     | (13.5)   | 10.9   |
| TOTAL                      |         |         |         |          |        |
| ADM                        | 529     | 579     | 470     | (8.6)    | 12.6   |
| Shipments                  | 339     | 361     | 314     | (6.1)    | 8.0    |
| Trade Surplus<br>(Deficit) | (190)   | (218)   | (156)   | (12.8)   | 21.8   |
| Exports                    | 38      | 31      | 30      | 22.6     | 26.7   |
| Imports                    | 228     | 249     | 186     | (8.4)    | 22.6   |

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  
 Statistics Canada.

\*All data classified by the 1980 S.I.C.

**TABLE 5**  
**HOUSEHOLD ELECTRICAL PRODUCTS**  
**FIRST QUARTER BY COMMODITY EXPORTS AND IMPORTS**

|  | <u>1986</u>        | <u>1985</u>    |                | <u>% Change</u> |               |
|--|--------------------|----------------|----------------|-----------------|---------------|
|  | <u>1st Qtr</u>     | <u>4th Qtr</u> | <u>1st Qtr</u> | <u>Qtr</u>      | <u>Annual</u> |
|  | ----- \$ 000 ----- |                |                |                 |               |
| <b>REFRIGERATORS AND FREEZERS</b>          |                    |                |                |                 |               |
| Exports                                    | 8 922              | 7 114          | 9 745          | 25.4            | (8.4)         |
| Imports                                    | 10 549             | 11 707         | 8 123          | (9.9)           | 29.9          |
| Trade Surplus<br>(Deficit)                 | (1 627)            | (4 593)        | (1 622)        | (64.6)          | 0.3           |
| <b>ELECTRIC WASHING MACHINES AND PARTS</b> |                    |                |                |                 |               |
| Exports                                    | 1 694              | 1 907          | 2 312          | (11.2)          | (26.7)        |
| Imports                                    | 14 583             | 13 364         | 10 685         | 9.1             | 36.5          |
| Trade Surplus<br>(Deficit)                 | (12 889)           | (11 457)       | (8 573)        | 12.5            | 50.3          |

**TABLE 6**

**HOUSEHOLD ELECTRICAL PRODUCTS**

**NUMBER OF EMPLOYEES BY INDUSTRIAL SECTORS**

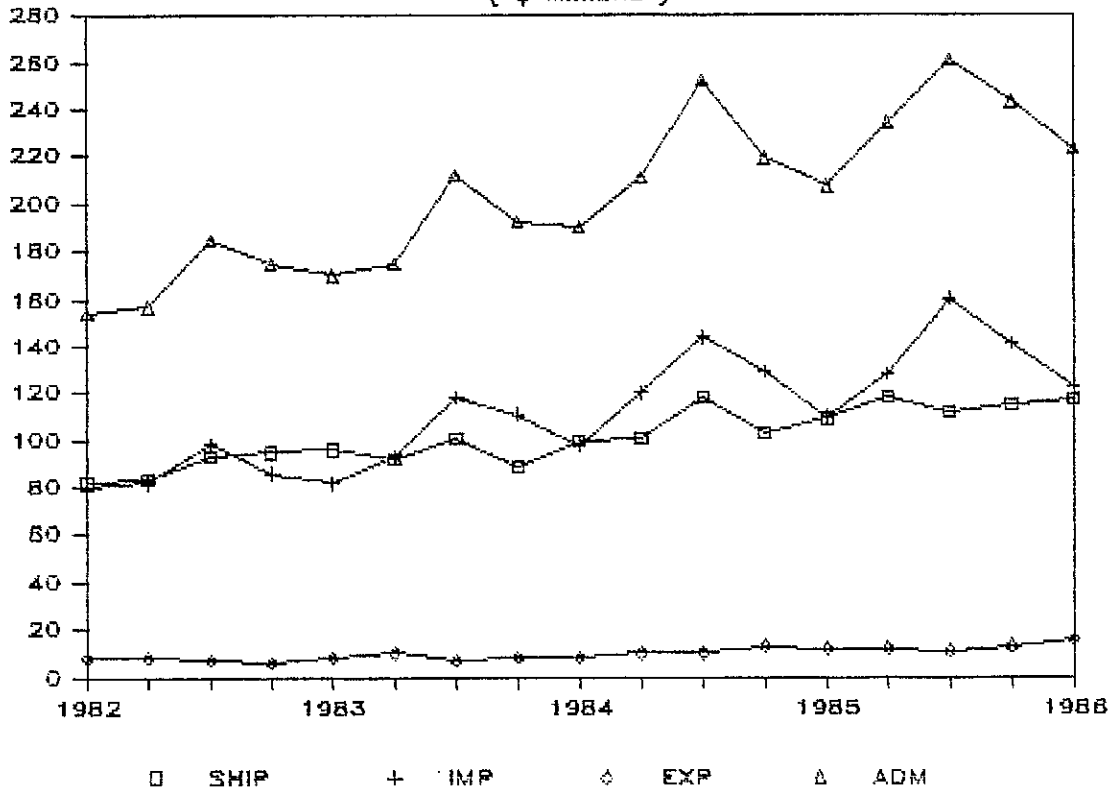
| <u>INDUSTRIAL SECTORS</u> | <u>NUMBER OF EMPLOYEES</u>  |                             |
|---------------------------|-----------------------------|-----------------------------|
|                           | <u>As At<br/>March 1986</u> | <u>As At<br/>March 1985</u> |
| Major Appliances          | 7 872                       | 7 974                       |
| Small Appliances          | 3 827                       | 3 862                       |
|                           | <u>11 699</u>               | <u>11 836</u>               |

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



### SMALL HHLD. ELECTRICAL APPLIANCES

( \$ Millions )



### MAJOR HHLD. ELECTRICAL APPLIANCES

( \$ Millions )

