

SUMMARY OF VESSEL SIZE IN THE CANADIAN TRAWL FLEET  
ON THE PACIFIC COAST, 1970-86

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The total number of Canadian trawl vessels fishing for groundfish on the Pacific coast in 1986 increased 6% to 91 vessels (Table 1). The average size of these vessels was 109 gross tons and they ranged from 9 to 513 gross tons. Sixty-three percent of the vessels fished 6 or more months of the year; their average size was 121 gross tons (Table 2). Trends in vessel size in the Canadian fleet from 1970-86 are presented in Figure 1. Vessel size data prior to 1970 are contained in INPFC Doc. No. 2441.

Table 1. Size distribution (gross tons) of vessels engaged in the Canadian trawl fishery on the Pacific coast.

| Tonnage class  | Number of vessels |       |       |       |       |       |       |       |       |
|----------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 1970              | 1971  | 1972  | 1973  | 1974  | 1975  | 1976  | 1977  | 1978  |
| <25            | 11                | 13    | 10    | 12    | 13    | 13    | 13    | 21    | 19    |
| 25-49          | 20                | 19    | 15    | 21    | 16    | 15    | 19    | 23    | 28    |
| 50-74          | 19                | 18    | 18    | 13    | 12    | 17    | 20    | 17    | 14    |
| 75-99          | 5                 | 6     | 6     | 7     | 12    | 14    | 14    | 15    | 18    |
| 100-149        | 4                 | 3     | 1     | 3     | 3     | 5     | 7     | 10    | 11    |
| 150-199        | 4                 | 4     | 4     | 4     | 7     | 5     | 6     | 5     | 7     |
| 200-299        | 1                 | 1     | 1     | 1     | 4     | 5     | 5     | 5     | 5     |
| 300-399        | -                 | -     | 1     | 1     | 1     | 2     | 3     | 4     | 2     |
| >400           | -                 | -     | -     | -     | -     | -     | -     | 1     | 3     |
| Total vessels  | 64                | 64    | 56    | 62    | 68    | 76    | 87    | 101   | 107   |
| Avg. gr. tons  | 61                | 60    | 66    | 65    | 80    | 84    | 86    | 85    | 92    |
| Total gr. tons | 3,903             | 3,840 | 3,702 | 4,024 | 5,465 | 6,378 | 7,460 | 8,573 | 9,863 |

| Tonnage class  | Number of vessels |        |        |       |       |       |       |       |
|----------------|-------------------|--------|--------|-------|-------|-------|-------|-------|
|                | 1979              | 1980   | 1981   | 1982  | 1983  | 1984  | 1985  | 1986  |
| <25            | 17                | 18     | 16     | 14    | 14    | 9     | 14    | 13    |
| 25-49          | 25                | 22     | 18     | 16    | 17    | 17    | 15    | 16    |
| 50-74          | 17                | 17     | 17     | 12    | 11    | 12    | 12    | 8     |
| 75-99          | 20                | 18     | 16     | 15    | 15    | 15    | 15    | 17    |
| 100-149        | 12                | 15     | 13     | 14    | 13    | 15    | 15    | 18    |
| 150-199        | 8                 | 6      | 6      | 5     | 7     | 6     | 6     | 7     |
| 200-299        | 5                 | 6      | 6      | 6     | 6     | 6     | 7     | 9     |
| 300-399        | 2                 | 2      | 2      | 1     | 1     | 1     | 1     | 1     |
| >400           | 5                 | 4      | 2      | 1     | 1     | 1     | 1     | 2     |
| Total vessels  | 111               | 108    | 96     | 84    | 85    | 82    | 86    | 91    |
| Avg. gr. tons  | 108               | 107    | 105    | 101   | 96    | 101   | 98    | 109   |
| Total gr. tons | 11,985            | 11,564 | 10,102 | 8,514 | 8,122 | 8,241 | 8,444 | 9,877 |

Table 2. Size distribution (gross tons) of vessels fishing 6 months or longer engaged in the Canadian trawl fishery on the Pacific coast.

| Tonnage class  | Number of vessels |       |       |       |       |       |       |       |       |
|----------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 1970              | 1971  | 1972  | 1973  | 1974  | 1975  | 1976  | 1977  | 1978  |
| <25            | 5                 | 4     | 3     | 3     | 5     | 3     | 5     | 4     | 7     |
| 25-49          | 14                | 13    | 7     | 9     | 5     | 10    | 9     | 8     | 8     |
| 50-74          | 11                | 14    | 11    | 8     | 7     | 8     | 7     | 9     | 5     |
| 75-99          | 4                 | 3     | 4     | 5     | 3     | 8     | 7     | 10    | 10    |
| 100-149        | 1                 | 1     | 1     | 2     | 3     | 4     | 4     | 3     | 4     |
| 150-199        | 3                 | 3     | 2     | 1     | 3     | 4     | 5     | 3     | 6     |
| 200-299        | -                 | -     | 1     | 1     | 1     | 4     | 5     | 3     | 4     |
| 300-399        | -                 | -     | -     | 1     | 1     | 1     | 2     | 3     | 2     |
| >400           | -                 | -     | -     | -     | -     | -     | -     | -     | 1     |
| Total vessels  | 38                | 38    | 29    | 30    | 28    | 42    | 44    | 43    | 47    |
| Avg. gr. tons  | 59                | 61    | 71    | 76    | 88    | 97    | 108   | 101   | 111   |
| Total gr. tons | 2,238             | 2,322 | 2,056 | 2,271 | 2,468 | 4,061 | 4,748 | 4,335 | 5,221 |

| Tonnage class  | Number of vessels |       |       |       |       |       |       |       |
|----------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                | 1979              | 1980  | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  |
| <25            | 10                | 7     | 7     | 7     | 7     | 6     | 6     | 6     |
| 25-49          | 13                | 12    | 7     | 10    | 12    | 13    | 12    | 9     |
| 50-74          | 6                 | 7     | 7     | 6     | 7     | 7     | 7     | 4     |
| 75-99          | 8                 | 13    | 12    | 13    | 12    | 12    | 13    | 14    |
| 100-149        | 7                 | 10    | 8     | 8     | 7     | 10    | 8     | 10    |
| 150-199        | 6                 | 3     | 3     | 3     | 3     | 4     | 4     | 5     |
| 200-299        | 4                 | 3     | 2     | 3     | 4     | 4     | 4     | 6     |
| 300-399        | 2                 | 2     | 1     | 1     | 1     | 1     | 1     | 1     |
| >400           | 2                 | 3     | 1     | -     | -     | 1     | 1     | 2     |
| Total vessels  | 58                | 60    | 48    | 51    | 53    | 58    | 56    | 57    |
| Avg. gr. tons  | 112               | 116   | 110   | 92    | 93    | 102   | 103   | 121   |
| Total gr. tons | 6,478             | 6,961 | 5,267 | 4,678 | 4,903 | 5,933 | 5,744 | 6,918 |

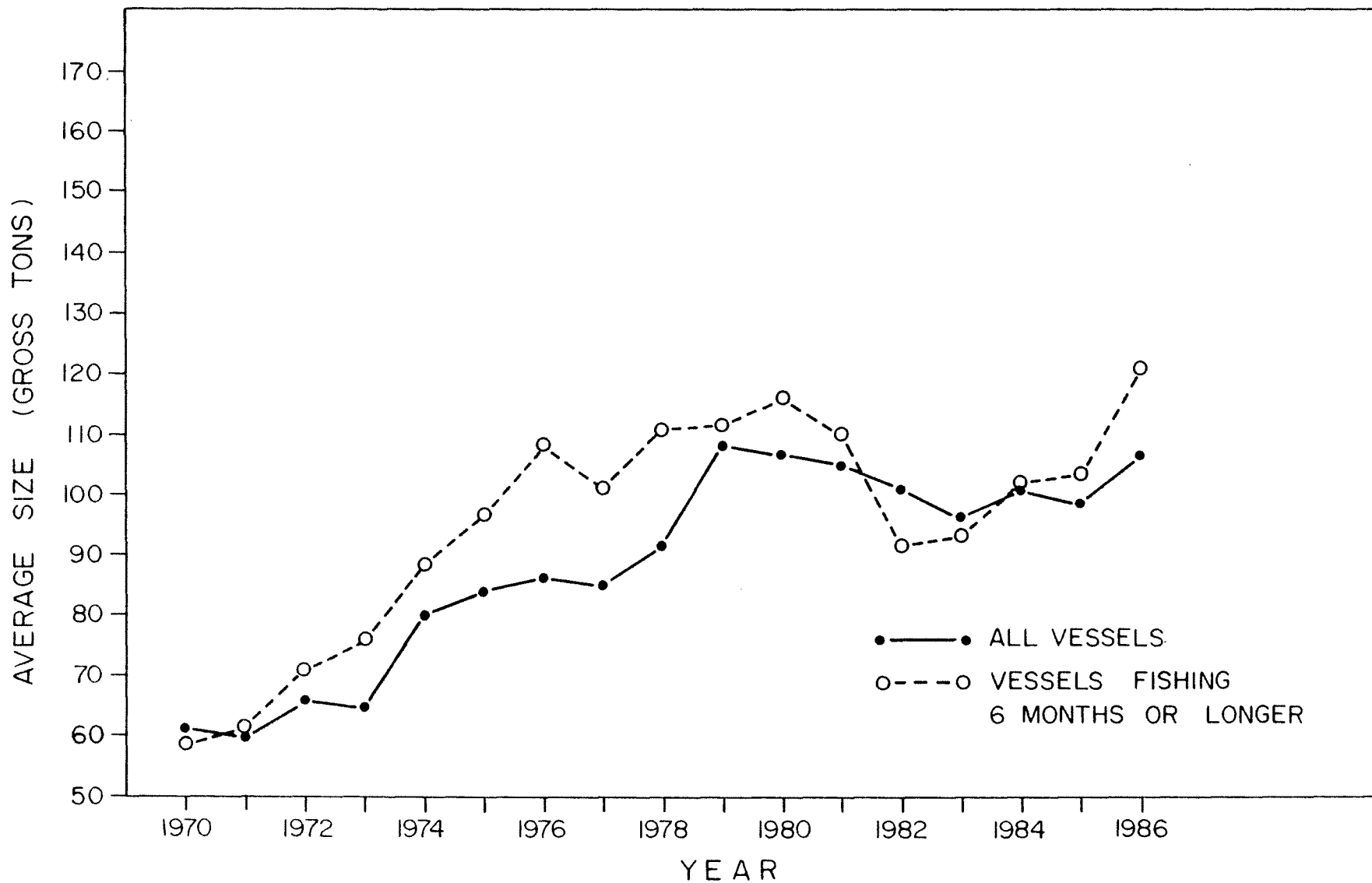


Fig. 1. Trends in vessel size in the Canadian trawl fleet, 1970-86.