

SUMMARY OF VESSEL SIZE IN THE CANADIAN TRAWL FLEET  
ON THE PACIFIC COAST, 1970-82

by

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The total number of Canadian trawl vessels fishing for groundfish on the Pacific coast in 1982 decreased to 84 from the 96 fishing in 1981 (Table 1). The average size of these vessels was 101.4 gross tons, and they ranged from 9 to 1040 gross tons. Sixty-one percent of the vessels fished 6 or more months of the year; their average size was 91.7 gross tons (Table 2). Total tonnage in operation in 1982 decreased 16% from 1981 to 8,514 gross tons. Trends in vessel size in the Canadian fleet from 1970-82 are shown in Fig. 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
<25	11	13	10	12	13	13
25-49	20	19	15	21	16	15
50-74	19	18	18	13	12	17
75-99	5	6	6	7	12	14
100-149	4	3	1	3	3	5
150-199	4	4	4	4	7	5
200-299	1	1	1	1	4	5
300-399	-	-	1	1	1	2
>400	-	-	-	-	-	-
Total vessels	64	64	56	62	68	76
Avg. gr. tons	60.9	60.0	66.1	64.9	80.4	83.9
Total gr. tons	3,654	3,840	3,702	4,024	5,465	6,378

Tonnage class	Number of vessels						
	1976	1977	1978	1979	1980	1981	1982
<25	13	21	19	17	18	16	14
25-49	19	23	28	25	22	18	16
50-74	20	17	14	17	17	17	12
75-99	14	15	18	20	18	16	15
100-149	7	10	11	12	15	13	14
150-199	6	5	7	8	6	6	5
200-299	5	5	5	5	6	6	6
300-399	3	4	2	2	2	2	1
>400	-	1	3	5	4	2	1
Total vessels	87	101	107	111	108	96	84
Avg. gr. tons	85.7	84.9	92.2	108.0	107.1	105.2	101.4
Total gr. tons	7,460	8,573	9,863	11,985	11,564	10,102	8,514

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
<25	4	4	3	3	5	3
25-49	14	13	7	9	5	10
50-74	11	14	11	8	7	8
75-99	4	3	4	5	3	8
100-149	1	1	1	2	3	4
150-199	3	3	2	1	3	4
200-299	-	-	1	1	1	4
300-399	-	-	-	1	1	1
>400	-	-	-	-	-	-
Total vessels	38	38	29	30	28	42
Avg. gr. tons	60.0	61.1	70.9	75.7	88.1	96.7
Total gr. tons	2,280	2,322	2,056	2,271	2,468	4,061

Tonnage class	Number of vessels						
	1976	1977	1978	1979	1980	1981	1982
<25	5	4	7	10	7	7	7
25-49	9	8	8	13	12	7	10
50-74	7	9	5	6	7	7	6
75-99	7	10	10	8	13	12	13
100-149	4	3	4	7	10	8	8
150-199	5	3	6	6	3	3	3
200-299	5	3	4	4	3	2	3
300-399	2	3	2	2	2	1	1
>400	-	-	1	2	3	1	-
Total vessels	44	43	47	58	60	48	51
Avg. gr. tons	107.9	100.8	111.1	111.7	116.0	109.7	91.7
Total gr. tons	4,748	4,335	5,221	6,478	6,961	5,267	4,678

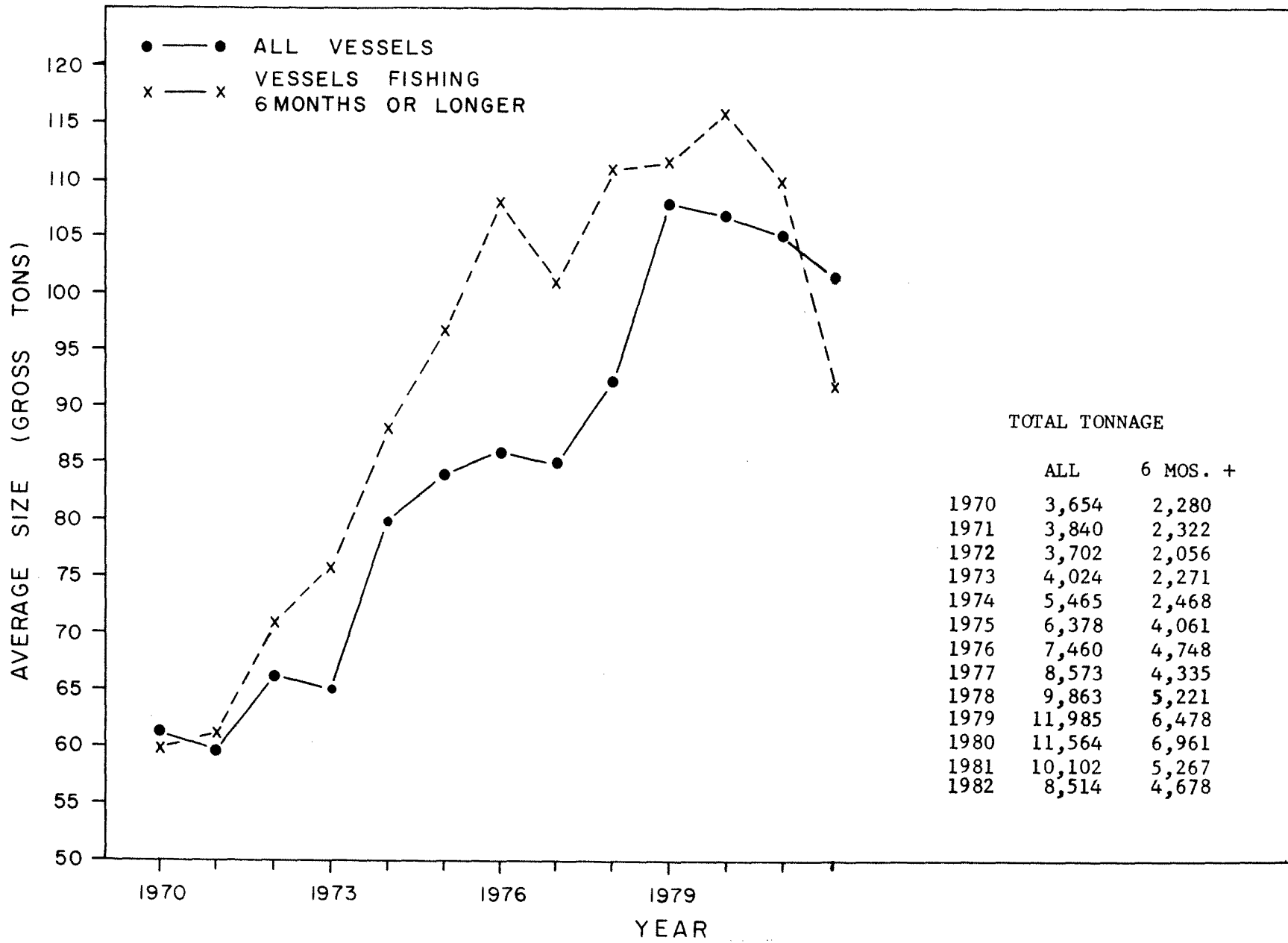


Figure 1. Trends in vessel size in the Canadian trawl fleet, 1970-82.