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SUMMARY OF VESSEL SIZE IN THE CANADIAN TRAWL FLEET
ON THE PACIFIC COAST, 1970-87

by

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The total number of Canadian trawl vessels fishing for groundfish on the Pacific coast in 1987 increased 7% to 97 vessels (Table 1). The average size of these vessels was 110 gross tons and they ranged from 9 to 696 gross tons. Sixty-eight percent of the vessels fished 6 or more months of the year; their average size was 116 gross tons (Table 2). Trends in vessel size in the Canadian fleet from 1970-87 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	1987
<25	17	18	16	14	14	9	14	13	13
25-49	25	22	18	16	17	17	15	16	19
50-74	17	17	17	12	11	12	12	8	12
75-99	20	18	16	15	15	15	15	17	17
100-149	12	15	13	14	13	15	15	18	17
150-199	8	6	6	5	7	6	6	7	6
200-299	5	6	6	6	6	6	7	9	9
300-399	2	2	2	1	1	1	1	1	1
>400	5	4	2	1	1	1	1	2	3
Total vessels	111	108	96	84	85	82	86	91	97
Avg. gr. tons	108	107	105	101	96	101	98	109	110
Total gr. tons	11,985	11,564	10,102	8,514	8,122	8,241	8,444	9,877	10,649

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	1987
<25	10	7	7	7	7	6	6	6	10
25-49	13	12	7	10	12	13	12	9	11
50-74	6	7	7	6	7	7	7	4	5
75-99	8	13	12	13	12	12	13	14	15
100-149	7	10	8	8	7	10	8	10	11
150-199	6	3	3	3	3	4	4	5	4
200-299	4	3	2	3	4	4	4	6	7
300-399	2	2	1	1	1	1	1	1	0
>400	2	3	1	-	-	1	1	2	3
Total vessels	58	60	48	51	53	58	56	57	66
Avg. gr. tons	112	116	110	92	93	102	103	121	116
Total gr. tons	6,478	6,961	5,267	4,678	4,903	5,933	5,744	6,918	7,667

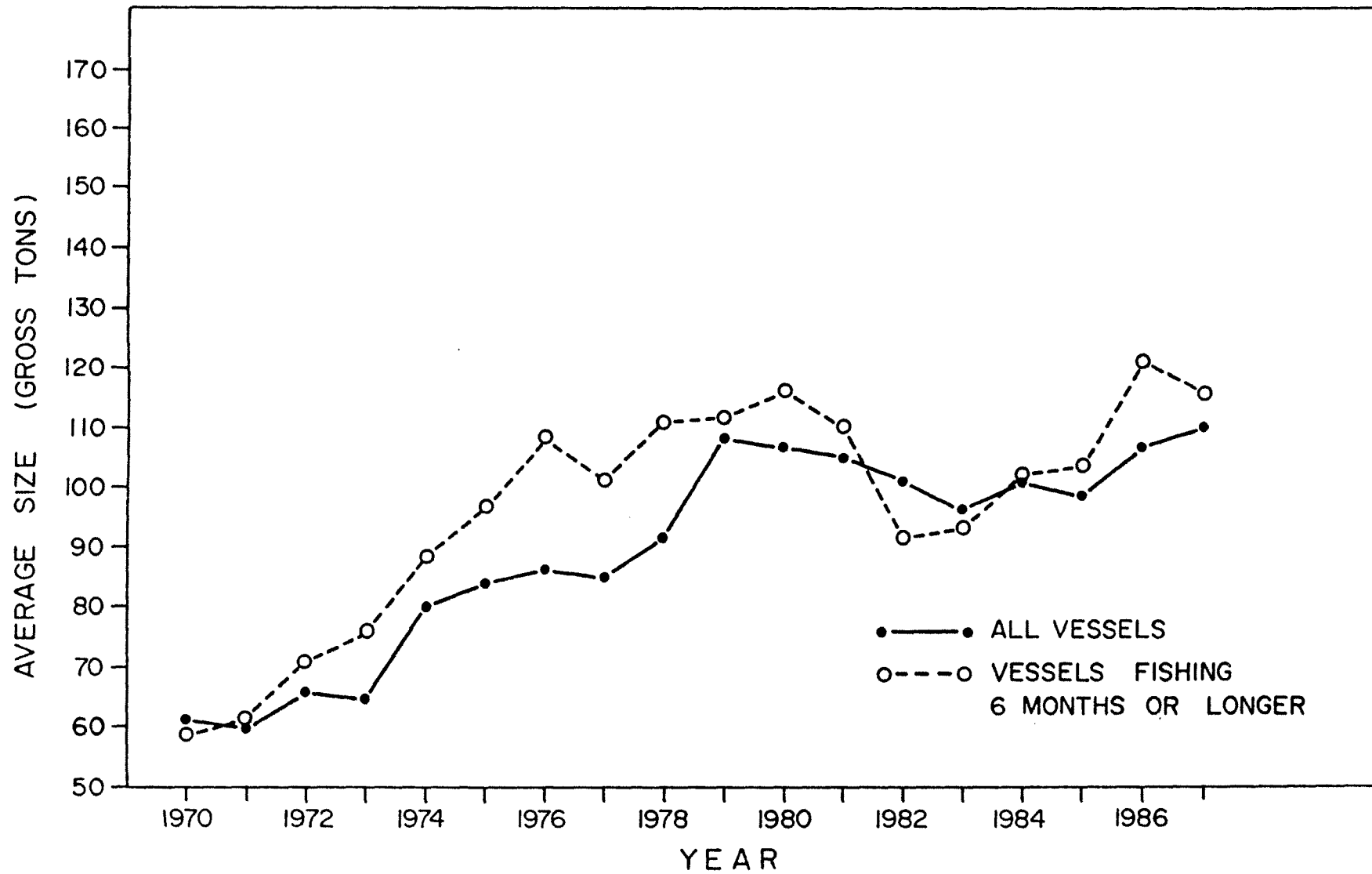


Fig. 1. Trends in vessel size in the Canadian trawl fleet, 1970-1987.