

**Forest Fire Statistics.**—Forest fires in Canada during 1959 numbered 5,383 as compared with 7,817 during 1958 and an annual average of 5,804 for the years 1949-58. The area burned was only one-seventh of the 1958 figure and one-third the average area destroyed in the 1949-58 period. The amount of timber lost by fire was much less than in 1958 and, although the cost of combatting the fires was also less than in that year, it was greater than the average cost for 1949-58, probably as a result of higher wage and material costs. Newfoundland, Nova Scotia and Quebec all experienced heavier losses in 1959 than in 1958 but the situation was more favourable in the other provinces.

#### 4.—Forest Fire Losses, 1958 and 1959, compared with Ten-Year Average 1949-58

Item		Average 1949-58	1958	1959
<b>Totals, Fires</b> .....	<b>No.</b>	<b>5,804</b>	<b>7,817</b>	<b>5,383</b>
Fires under 10 acres.....	"	4,585	6,429	4,436
Fires 10 acres or over.....	"	1,219	1,388	947
<b>Area Burned</b> .....	<b>acres</b>	<b>2,295,115</b>	<b>4,939,880</b>	<b>702,475</b>
Merchantable timber.....	"	339,457	733,571	91,861
Young growth.....	"	462,417	804,879	121,205
Cut-over lands.....	"	350,597	1,657,436	268,463
Non-forested lands.....	"	1,142,644	1,743,994	220,946
<b>Average Size of Fire</b> .....	<b>acres</b>	<b>395</b>	<b>632</b>	<b>130</b>
<b>Merchantable Timber Burned</b> —				
Large material (10 inches or over D.B.H.).....	M cu. ft.	111,526	460,252	15,250
Small material (4 inches to 9 inches D.B.H.).....	"	176,501	209,181	79,194
<b>Estimated Values Destroyed</b> <sup>1</sup> .....	<b>\$</b>	<b>6,507,274</b>	<b>14,465,235</b>	<b>4,428,800</b>
Merchantable timber.....	\$	3,668,961	7,613,445	1,086,165
Young growth.....	\$	1,678,879	5,247,501	1,321,277
Cut-over lands.....	\$	254,956	806,593	550,796
Other property burned.....	\$	904,478	797,696	1,470,562
<b>Actual Cost of Fire Fighting</b> .....	<b>\$</b>	<b>3,555,554</b>	<b>7,747,510</b>	<b>4,254,175</b>
<b>Totals, Damage and Fire Fighting Costs</b> .....	<b>\$</b>	<b>10,062,828</b>	<b>22,212,745</b>	<b>8,682,975</b>
Area under protection.....	sq. miles	..	1,336,954	1,336,954

<sup>1</sup> Figures do not include such values as damage to soil, stream-flow, wildlife, recreation and tourist facilities.

#### 5.—Forest Fire Losses, by Province, 1958 and 1959, compared with Ten-Year Average 1949-58

Item		Average 1949-58	1958	1959
<b>Newfoundland—</b>				
Forest fires.....	No.	181	128	217
Area burned.....	acres	19,756	2,615	34,234
Fire fighting cost and damage.....	\$	100,668	2,267	251,434
<b>Nova Scotia—</b>				
Forest fires.....	No.	293	245	254
Area burned.....	acres	6,741	1,289	2,575
Fire fighting cost and damage.....	\$	61,978	8,772	10,669
<b>New Brunswick—</b>				
Forest fires.....	No.	226	140	261
Area burned.....	acres	8,782	5,460	5,612
Fire fighting cost and damage.....	\$	134,433	54,689	54,073
<b>Quebec—</b>				
Forest fires.....	No.	986	377	669
Area burned.....	acres	194,991	6,893	94,889
Fire fighting cost and damage.....	\$	1,459,607	79,542	2,212,206
<b>Ontario—</b>				
Forest fires.....	No.	1,362	1,520	1,005
Area burned.....	acres	101,585	36,040	5,211
Fire fighting cost and damage.....	\$	1,956,279	1,008,539	382,041
<b>Manitoba—</b>				
Forest fires.....	No.	282	387	155
Area burned.....	acres	226,699	821,543	27,064
Fire fighting cost and damage.....	\$	382,124	876,229	96,922