

5.—Summary Statistics of Forest-Fire Losses, 1949 and 1950, with Ten-Year Averages, 1940-49

Item	Annual Average 1940-49 <sup>1</sup>	Provinces <sup>2</sup>		Yukon and Northwest Territories, 1950
		1949	1950	
Fires under 10 acres..... No.	3,919	5,334	3,769	67
Fires 10 acres and over..... "	1,512	1,712	1,541	59
<b>Totals, Fires..... No.</b>	<b>5,431</b>	<b>7,046</b>	<b>5,310</b>	<b>126</b>
<b>Area Burned—</b>				
Merchantable timber..... acres	459,010	395,497	259,205	10,370
Young growth..... "	458,700	889,024	614,605	3,718
Cut-over lands..... "	290,550	149,619	108,701	5,643
Non-forested lands..... "	808,605	1,165,132	1,244,254	723,267
<b>Totals, Area Burned..... acres</b>	<b>2,016,865</b>	<b>2,599,272</b>	<b>2,226,765</b>	<b>742,998</b>
Size of average fire..... acres	372	369	419	5,897
<b>Merchantable Timber Burned—</b>				
Saw-timber..... M ft. b.m.	410,091	192,999	325,743	3,490
Small material..... cords	1,854,212	2,182,593	1,060,367	50,909
<b>Estimated Values Destroyed—</b>				
Merchantable timber..... \$	2,257,728	2,256,359	2,027,631	39,923
Young growth..... \$	941,395	2,781,044	1,788,698	5,577
Cut-over lands..... \$	269,028	61,681	116,551	11,287
Other property burned..... \$	793,000	856,498	870,941	356
<b>Totals, Damage..... \$</b>	<b>4,261,151</b>	<b>5,955,582</b>	<b>4,803,821</b>	<b>57,143</b>
Actual cost of fire-fighting..... \$	1,313,870	3,062,124	1,973,125	47,138
<b>Totals, Damage and Fire-fighting Cost..... \$</b>	<b>5,575,021</b>	<b>9,017,706</b>	<b>6,776,946</b>	<b>104,281</b>
Other fire protection costs <sup>4</sup> ..... \$	..	12,414,000	..	159,000
Area under protection..... sq. miles	..	998,000	1,046,000	120,000

<sup>1</sup> Newfoundland not included. <sup>2</sup> Includes Newfoundland and federal lands within provincial boundaries. <sup>3</sup> Wood values are based on prevailing stumpage rates only; damage to soil, site quality, streamflow regulation, wildlife, recreational and similar values, is not included. <sup>4</sup> Estimated charge for new equipment, improvements, maintenance, salaries, etc.

6.—Forest-Fire Losses, by Provinces, 1949 and 1950, with Ten-Year Averages, 1940-49

Item	Annual Average 1940-49	1949	1950
<b>Newfoundland—</b>			
Forest fires..... No.	..	264	260
Area burned..... acres	..	37,491	73,278
Fire-fighting cost and damage..... \$	..	160,346	192,648
<b>Nova Scotia—</b>			
Forest fires..... No.	255	329	360
Area burned..... acres	15,298	5,106	15,062
Fire-fighting cost and damage..... \$	130,859	61,510	87,990
<b>New Brunswick—</b>			
Forest fires..... No.	240	307	294
Area burned..... acres	31,481	4,864	44,417
Fire-fighting cost and damage..... \$	293,372	69,888	777,924
<b>Quebec—</b>			
Forest fires..... No.	1,166	1,537	1,304
Area burned..... acres	286,414	137,889	203,618
Fire-fighting cost and damage..... \$	1,302,325	1,097,689	1,236,994