

#### 4.—Summary Statistics of Forest-Fire Losses within the Provinces<sup>1</sup>, 1948 and 1949, with Ten-Year Averages, 1939-48

Item	Annual Average 1939-48	1948	1949 <sup>2</sup>	Yukon and Northwest Territories, 1949
Fires under 10 acres..... No.	3,785	3,863	5,334	19
Fires 10 acres and over..... "	1,503	1,505	1,712	17
<b>Totals, Fires..... No.</b>	<b>5,288</b>	<b>5,368</b>	<b>7,046</b>	<b>36</b>
<b>Area Burned—</b>				
Merchantable timber..... acres	439,389	949,530	395,497	1,290
Young growth..... "	402,433	629,242	889,024	30
Cut-over lands..... "	302,242	264,096	149,619	—
Non-forested lands..... "	724,391	1,342,115	1,165,132	128,064
<b>Totals, Area Burned..... acres</b>	<b>1,868,455</b>	<b>3,184,983</b>	<b>2,599,272</b>	<b>129,384</b>
<b>Merchantable Timber Burned—</b>				
Saw timber..... M ft. b.m.	410,471	815,574	192,999	—
Small material..... cords	1,727,058	2,470,572	2,182,593	6,376
<b>Estimated Values Destroyed—<sup>3</sup></b>				
Merchantable timber..... \$	2,092,024	3,426,308	2,256,359	4,638
Young growth..... \$	708,183	1,149,062	2,781,044	75
Cut-over lands..... \$	281,677	228,881	61,681	—
Other property burned..... \$	735,729	1,077,305	856,498	—
<b>Totals, Damage..... \$</b>	<b>3,817,613</b>	<b>5,881,556</b>	<b>5,955,582</b>	<b>4,713</b>
Actual cost of fire-fighting..... \$	1,070,607	2,619,999	3,062,124	5,029
<b>Totals, Damage and Fire-fighting Cost..... \$</b>	<b>4,888,220</b>	<b>8,501,555</b>	<b>9,017,706</b>	<b>9,742</b>
Other fire-protection costs <sup>4</sup> ..... \$	..	9,793,000	..	..
Area under protection..... sq. ml.	..	..	998,000	118,000

<sup>1</sup> Including federal lands within provincial boundaries. <sup>2</sup> Including Newfoundland. <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.

#### 5.—Forest-Fire Losses, by Provinces, 1948 and 1949, with Ten-Year Averages, 1939-48

Item	Annual Average 1939-48	1948	1949
<b>Newfoundland—</b>			
Forest fires..... No.	..	..	264
Area burned..... acres	..	..	37,491
Fire-fighting cost and damage..... \$	..	..	160,346
<b>Nova Scotia—</b>			
Forest fires..... No.	266	109	329
Area burned..... acres	15,671	913	5,106
Fire-fighting cost and damage..... \$	127,665	7,322	61,510
<b>New Brunswick—</b>			
Forest fires..... No.	235	206	307
Area burned..... acres	32,265	2,892	4,864
Fire-fighting cost and damage..... \$	289,674	36,020	69,888
<b>Quebec—</b>			
Forest fires..... No.	1,098	1,280	1,537
Area burned..... acres	280,655	224,750	137,889
Fire-fighting cost and damage..... \$	1,221,109	846,990	1,097,689