

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

Item	Annual Average 1940-49	1949	1950
Ontario—			
Forest fires..... No.	1,323	1,834	985
Area burned..... acres	241,035	60,065	36,780
Fire-fighting cost and damage..... \$	1,321,458	1,708,310	491,914
Manitoba—			
Forest fires..... No.	308	383	153
Area burned..... acres	243,223	168,716	73,834
Fire-fighting cost and damage..... \$	279,062	377,839	91,864
Saskatchewan—			
Forest fires..... No.	183	221	116
Area burned..... acres	264,227	548,873	234,101
Fire-fighting cost and damage..... \$	174,077	357,451	114,954
Alberta—			
Forest fires..... No.	274	323	248
Area burned..... acres	568,356	1,425,731	695,452
Fire-fighting cost and damage..... \$	1,121,373	4,551,488	2,769,541
British Columbia—			
Forest fires..... No.	1,554	1,701	1,515
Area burned..... acres	302,138	145,549	848,246
Fire-fighting cost and damage..... \$	860,617	561,145	973,677
Federal Lands—			
Yukon and Northwest Territories—			
Forest fires..... No.	..	36	126
Area burned..... acres	..	129,384	742,998
Fire-fighting cost and damage..... \$..	9,742	104,281
Other Federal Lands—			
Forest fires..... No.	102	147	75
Area burned..... acres	60,944	64,988	1,977
Fire-fighting cost and damage..... \$	75,844	72,040	39,440

7.—Forest Fires, by Causes, 1949 and 1950, with Ten-Year Averages, 1940-49

Cause	Annual Average 1940-49 ¹		Provinces ²				Yukon and Northwest Territories, 1950	
			1949		1950		No.	p. c.
	No.	p. c.	No.	p. c.	No.	p. c.		
Camp-fires.....	855	16	1,138	16	965	18	42	33
Smokers.....	1,094	20	1,452	21	1,234	23	11	9
Settlers.....	648	12	752	11	661	12	3	2
Railways.....	561	10	792	11	562	11	—	—
Lightning.....	1,036	19	1,362	19	608	12	45	36
Industrial operations.....	193	4	242	4	262	5	3	2
Incendiary.....	162	3	209	3	161	3	—	—
Public works.....	57	1	155	2	97	2	2	2
Miscellaneous known.....	454	8	579	8	499	9	7	6
Unknown.....	371	7	365	5	261	5	13	10
Totals.....	5,431	100	7,046	100	5,310	100	126	100

¹ Newfoundland not included.

² Includes Newfoundland and federal lands within the provinces.

Subsection 3.—Research in Forestry

Forest research and forest-products research facilities have been greatly expanded throughout Canada during the past five years. The Federal Government, several provincial governments, the Pulp and Paper Research Institute of Canada, the four universities with faculties of forestry, and a number of the larger industrial companies conduct research in these fields. The Forestry Branch of the Federal