

8.—Forest-Fire Losses, by Province, 1952 compared with Ten-Year Average, 1942-51—concluded

Province and Item	Annual Average 1942-51	1952	Item	Annual Average 1942-51	1952
Saskatchewan—			Northwest Territories—		
Forest fires..... No.	129	137	Forest fires..... No.	..	37
Area burned..... acres	185,263	38,073	Area burned..... acres	..	137,124
Fire-fighting cost and damage..... \$	135,257	79,106	Fire-fighting cost and damage..... \$..	44,177
Alberta—			National Parks—		
Forest fires..... No.	232	193	Forest fires..... No.	32	34
Area burned..... acres	457,321	484,338	Area burned..... acres	11,838	19,784
Fire-fighting cost and damage..... \$	1,081,034	1,348,910	Fire-fighting cost and damage..... \$	15,323	16,841
British Columbia—			Indian Lands—		
Forest fires..... No.	1,508	1,914	Forest fires..... No.	45	55
Area burned..... acres	364,569	152,406	Area burned..... acres	19,873	15,938
Fire-fighting cost and damage..... \$	1,297,612	2,053,677	Fire-fighting cost and damage..... \$	19,926	171,819
Federal Lands—			Forest Experiment Stations—		
Yukon Territory—			Forest fires..... No.	4	2
Forest fires..... No.	..	23	Area burned..... acres	102	3
Area burned..... acres	..	31,631	Fire-fighting cost and damage..... \$	239	3
Fire-fighting cost and damage..... \$..	28,201			

9.—Forest Fires, by Cause, 1952 compared with Ten-Year Average, 1942-51

Cause	Provinces ¹				Yukon and Northwest Territories, 1952	
	Annual Average 1942-51 ²		1952		No.	p.c.
	No.	p.c.	No.	p.c.		
Camp-fires.....	820	16	836	16	25	42
Smokers.....	1,112	22	1,083	21	5	8
Settlers.....	571	11	518	10	—	—
Railways.....	583	11	684	13	—	—
Lightning.....	886	17	744	15	8	13
Industrial operations.....	222	4	309	6	1	2
Incendiary.....	142	3	153	3	1	2
Public works.....	69	2	86	2	—	—
Miscellaneous known.....	442	9	495	10	—	—
Unknown.....	274	5	193	4	20	33
Totals.....	5,121	100	5,101	100	60	100

¹ Includes federal lands within provincial boundaries.

² Excludes Newfoundland.

Subsection 3.—Research in Forestry

The chief responsibility of the Federal Government in the field of forestry is to carry out research in problems affecting Canada's forests and their development, conservation and more effective utilization. To this end, 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 Department of Northern Affairs