

Section 6.—Forest Utilization

Forest utilization is concerned with the broad group of industries that include the hewing down of timber in the forest and the transforming of it into the many utilitarian shapes and forms required by modern standards of living. Thus they provide the raw material for sawmills, pulp and paper mills and for the still wider range of secondary industries that take the products of these basic industries and convert them into more highly manufactured goods such as veneers and plywoods, sash and doors, furniture and all the vast range of industries that use wood in any form in their processes. The Manufactures Chapter cannot do more than treat these industries in their relationship to all industry, but the purpose here is to relate them to the primary resources of the forest. These industries, especially the pulp and paper industry and the lumber industry, contribute substantially to the value of Canada's export trade and thereby provide the exchange necessary to pay for a large share of the imports that have to be purchased from other countries, particularly the United States.

Subsection 1.—Woods Operations

In connection with operations in the woods, it should be borne in mind that the forests not only provide the raw materials for the sawmills, pulp-mills, wood distillation, charcoal, excelsior and other plants, but that they also provide logs, pulpwood and bolts for export in the unmanufactured state, and fuel, poles, railway ties, posts and fence rails, mining timber, piling and other primary products, which are finished in the woods ready for use or exportation. There are also a number of minor forest products, such as Christmas trees, maple sugar and syrup, balsam gum, resin, cascara, moss and tanbark, that go to swell the total.

It has been estimated that operations in the woods in Canada in 1947 gave employment during the logging season amounting to 43,574,000 man days, and distributed \$340,000,000 in wages and salaries.

6.—Values of Woods Operations, by Products, 1942-47

Product	1942	1943	1944	1945	1946	1947
	\$	\$	\$	\$	\$	\$
Logs and bolts.....	92,897,611	99,852,479	115,788,036	120,682,306	150,933,681	205,259,855
Pulpwood.....	103,619,151	110,844,790	124,363,926	146,172,701	183,085,359	237,488,741
Firewood.....	27,264,486	45,152,897	44,332,748	45,193,219	49,544,756	46,206,336
Hewn railway ties.....	878,830	1,138,663	1,289,165	1,339,920	1,131,951	1,177,806
Poles.....	2,663,603	2,032,681	5,217,255	5,663,793	5,302,324	8,404,809
Round mining timber.....	2,169,268	3,418,857	3,509,015	6,437,074	12,149,767	10,082,458
Fence posts.....	1,291,393	1,902,546	2,216,585	2,690,569	3,091,268	2,832,783
Wood for distillation.....	745,408	774,344	887,260	687,102	452,196	544,746
Fence rails.....	341,607	464,365	513,135	367,741	605,503	628,804
Miscellaneous products.....	2,500,534	3,033,661	3,453,698	5,090,476	6,972,509	7,177,790
Totals.....	234,371,891	268,615,283	301,570,823	334,324,901	413,269,314	519,804,128