

8.—Production, Consumption, Exports and Imports of Pulpwood, 1931-43

NOTE.—Figures for earlier years will be found in the corresponding table of previous Year Books. Figures of imports and exports are shown on a rough or unpeeled basis, and are not comparable with those shown in Tables 15 and 16 of the External Trade Chapter.

Year	Apparent Total Production of Pulpwood in Canada			Canadian Pulpwood Used in Canadian Pulp-Mills		Canadian Pulpwood Exported Unmanufactured		Imported Pulpwood Used in Canada	
	Quantity ¹	Total Value	Average Value per Cord	Quantity ¹	P.C. of Total Production	Quantity ¹	P.C. of Total Production	Quantity ¹	P.C. of Total Production
	cords	\$	\$	cords		cords		cords	
1931....	5,199,914	51,973,243	10.00	4,076,584	78.4	1,123,330	21.6	71,695	1.7
1932....	4,222,224	36,750,910	8.70	3,602,100	85.3	620,124	14.7	45,654	1.1
1933....	4,746,383	33,213,973	7.00	4,027,827	84.9	718,556	15.1	17,049	0.4
1934....	5,773,970	38,302,807	6.63	4,752,685	82.3	1,021,285	17.7	13,919	0.2
1935....	6,095,016	41,195,871	6.76	4,985,143	81.8	1,109,873	18.2	19,940	0.3
1936....	7,002,057	48,680,200	6.95	5,766,303	82.3	1,235,754	17.6	9,591	0.1
1937....	8,298,165	63,057,205	7.60	6,593,134	79.5	1,705,031	20.5	20,505	0.2
1938....	6,438,344	53,761,999	8.35	4,686,085	72.8	1,752,259	27.2	33,668	0.5
1939....	6,899,986	58,302,668	8.45	5,360,546	77.7	1,539,440	22.3	25,694	0.4
1940....	8,499,922	74,347,132	8.75	6,948,493	81.7	1,551,429	18.3	47,626	0.6
1941....	9,544,699	88,193,045	9.24	7,688,307	80.6	1,856,392	19.4	81	1
1942....	9,653,574	103,619,151	10.73	7,667,438	79.4	1,987,850	20.6	1,714	2
1943....	8,801,368	110,844,790	12.59	7,263,155	82.5	1,540,592	17.5	2,379	3

¹ All quantities are given in terms of rough or unpeeled wood.

² Less than one-tenth of one per cent.

The manufacture of pulp is the second stage in this industry. This is carried on by mills producing pulp alone and also by paper manufacturers operating pulp-mills in conjunction with paper-mills to provide their own raw material. Such mills usually manufacture a surplus of pulp for sale in Canada or for export. Spruce, supplemented by balsam fir in the east and by hemlock in the west, is the most suitable species of wood for the production of all but the best classes of paper.

The preliminary preparation of pulpwood is frequently carried on at the pulp-mill, but there are in Canada a number of 'cutting-up' and 'rossing' mills operating on an independent basis, chiefly for the purpose of saving freight on material cut at a distance from the mill or on material intended for exportation. Pulpwood is measured by the cord (4' by 4' by 8' of piled material). One cord of rough pulpwood contains approximately 85 cu. ft. of solid wood, and one cord of peeled pulpwood 95 cu. ft.

In Canada, four methods of preparing wood-pulp are used, one of which is mechanical and three chemical. Detailed descriptions of these processes are given in the 1931 Year Book, pp. 290-291.

Pulp Production.—Growth was steady up to 1920, when 1,960,102 tons of pulp were produced. With the exception of 1921 and 1924, each year up to 1929 showed consistent growth in the annual production, 1929 reaching a total of 4,021,229 tons. Figures from 1931 are given in Table 9.