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DOMINION BUREAU OF STATISTICS

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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

FOREST PRODUCTS BRANCH

REPORT

on the

PRIMARY FOREST PRODUCTION

in

CANADA

1925

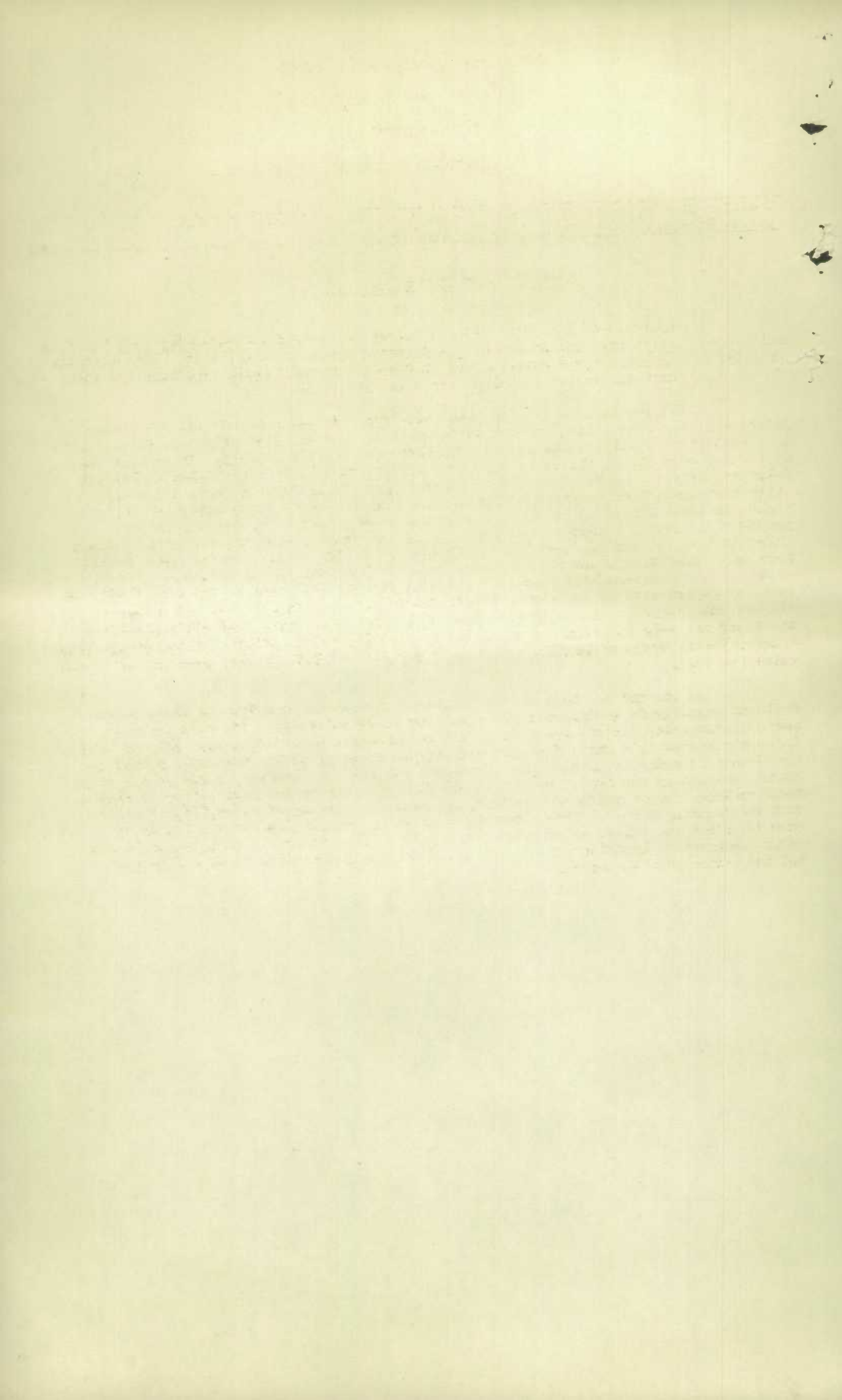
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OTTAWA

1927



DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

FOREST PRODUCTS BRANCH

OTTAWA - CANADA

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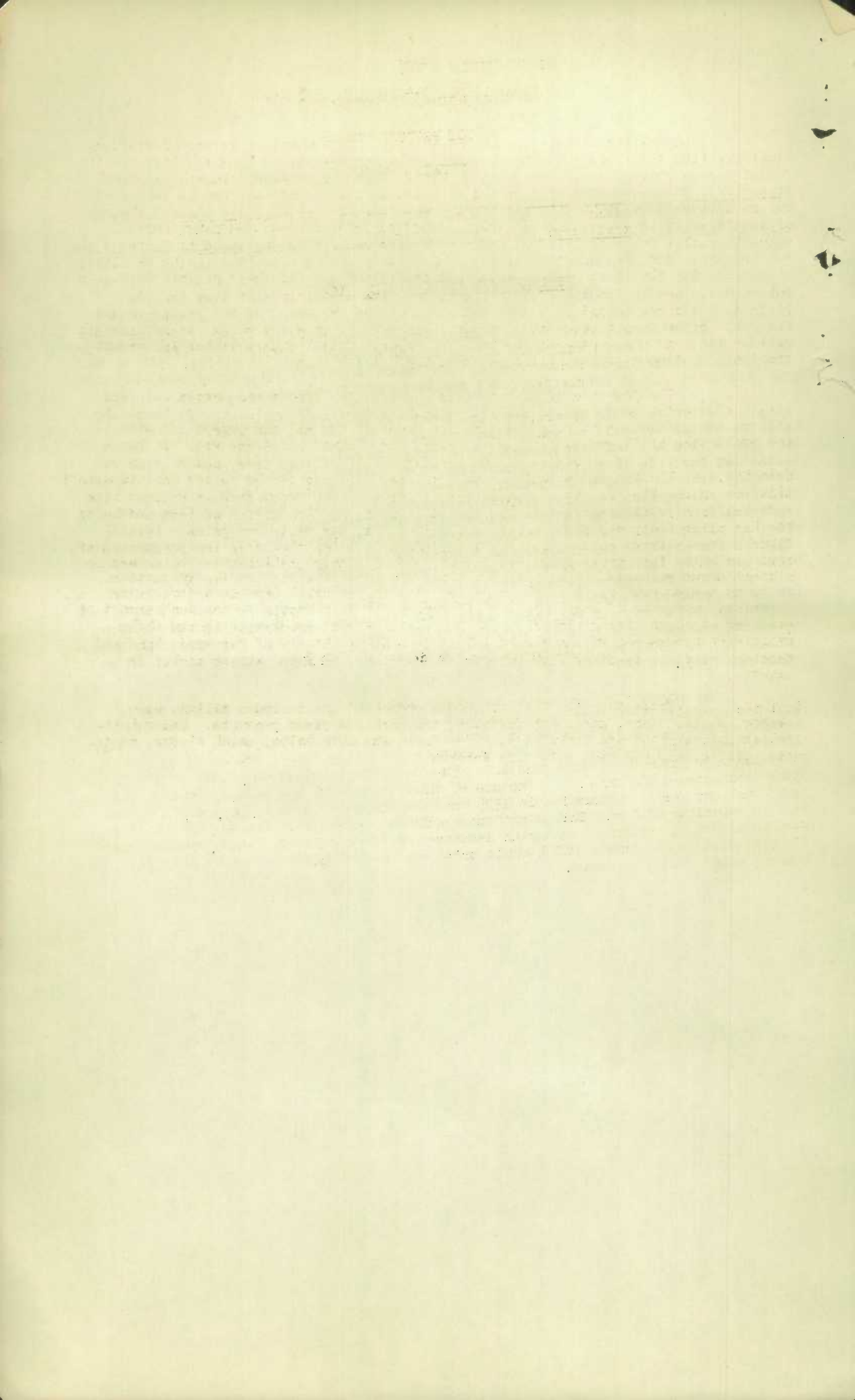
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TOTAL FOREST PRODUCTION, 1925.

An estimate of the total primary forest production in Canada for 1925 has been made by the Forest Products Branch of the Dominion Bureau of Statistics. This estimate includes all unmanufactured material cut in Canada's forests during the year and shows the rate at which our forest resources are being exploited.

As in previous years, logs and bolts for domestic manufacture, the raw material of the saw-milling and allied industries, head the list of products for Canada as a whole with a total value exceeding seventy-one million dollars. These logs and bolts also head the lists, as far as value is concerned, in the provinces of British Columbia, Ontario and New Brunswick. Pulpwood for use in Canada's pulp and paper mills comes second on the list for the Dominion with a total value exceeding forty-eight millions. Pulpwood is the most valuable item of forest production in the province of Quebec. Firewood, with a total of over thirty-nine million dollars comes third on the list for the Dominion as a whole but heads the list in the three Prairie Provinces, Nova Scotia and Prince Edward Island. Pulpwood for export, with a total value of over fourteen millions: railway ties with almost fourteen and a half million; logs for export with almost five million; square timber with over two and a half million and telegraph and telephone poles with over three and a half million dollars are among the more important of the other items. The total estimated value of all these primary forest products is \$209,276,561, a decrease of 1.8 per cent over the estimated value for 1923.

An attempt has been made to estimate the extent to which our forests are depleted annually in the process of exploiting these materials. For this purpose certain converting factors based on actual measurements have been used. Each of these factors represents in cubic feet the quantity of standing timber that must be cut in the forest in order to produce one unit of the material in question, based on the total cubic contents of the tree. By the use of these factors it has been estimated that our total primary forest production in 1925 involved the cutting of 2,839,138,401 cubic feet of standing timber. This constitutes only the consumption for use and to it must be added the volume of material destroyed by fire, insects, fungi, windfall and other destructive agencies which would bring the total depletion to more than five billion cubic feet per annum.





TOTAL FOREST PRODUCTION, 1923 -Con.

Comparing forest products on the basis of equivalent volume of standing timber we find that logs and other raw materials for sawmilling head the list for the Dominion as a whole and form the most important items in British Columbia and New Brunswick. The production of firewood is the next most important item in this respect but as this is made up chiefly of inferior material of smaller sizes than in the case of saw logs, it is a less serious drain on our forest resources and often forms a valuable outlet for material that might otherwise be left in the woods to increase the fire menace. Firewood heads the lists as far as volume is concerned in the provinces of Quebec, Ontario, Nova Scotia, Prince Edward Island and the three Prairie Provinces. Pulpwood for use in Canadian pulp mills is the next most important item for the Dominion and comes second in Quebec and third in the provinces of New Brunswick and Ontario. Other forest products in order of importance from the volume standpoint are railway ties, pulpwood for export, logs for export, posts, square timber for export, round mining timber, poles, rails and wood for distillation.

The province of Quebec heads the list for forest production both for value of material produced and for its equivalent in standing timber. It heads the list in the production of pulpwood both for domestic use and for export and also in the production of firewood, fencing materials and miscellaneous exports. It comes second on the list of provinces for the production of railway ties, square timber, wood for distillation and miscellaneous products. Ontario is the second most important province on the list for total production, leading in the production of railway ties and wood for distillation and taking second place in the production of logs and bolts for saw mills, pulpwood for domestic use and export, firewood, and poles. British Columbia comes third on the list for total production, but leads in the production of logs and bolts for domestic use and export, square timber and telephone poles and miscellaneous products. This province comes second on the list in the production of round mining timber. New Brunswick and Nova Scotia comes next in order, being important producers of logs, pulpwood and firewood. Nova Scotia is the most important producer of round mining timber in the Dominion. Forest production in the three Prairie Provinces and Prince Edward Island is made up chiefly of firewood, logs and fencing materials together with pulpwood in Manitoba and round mining timber in Alberta.

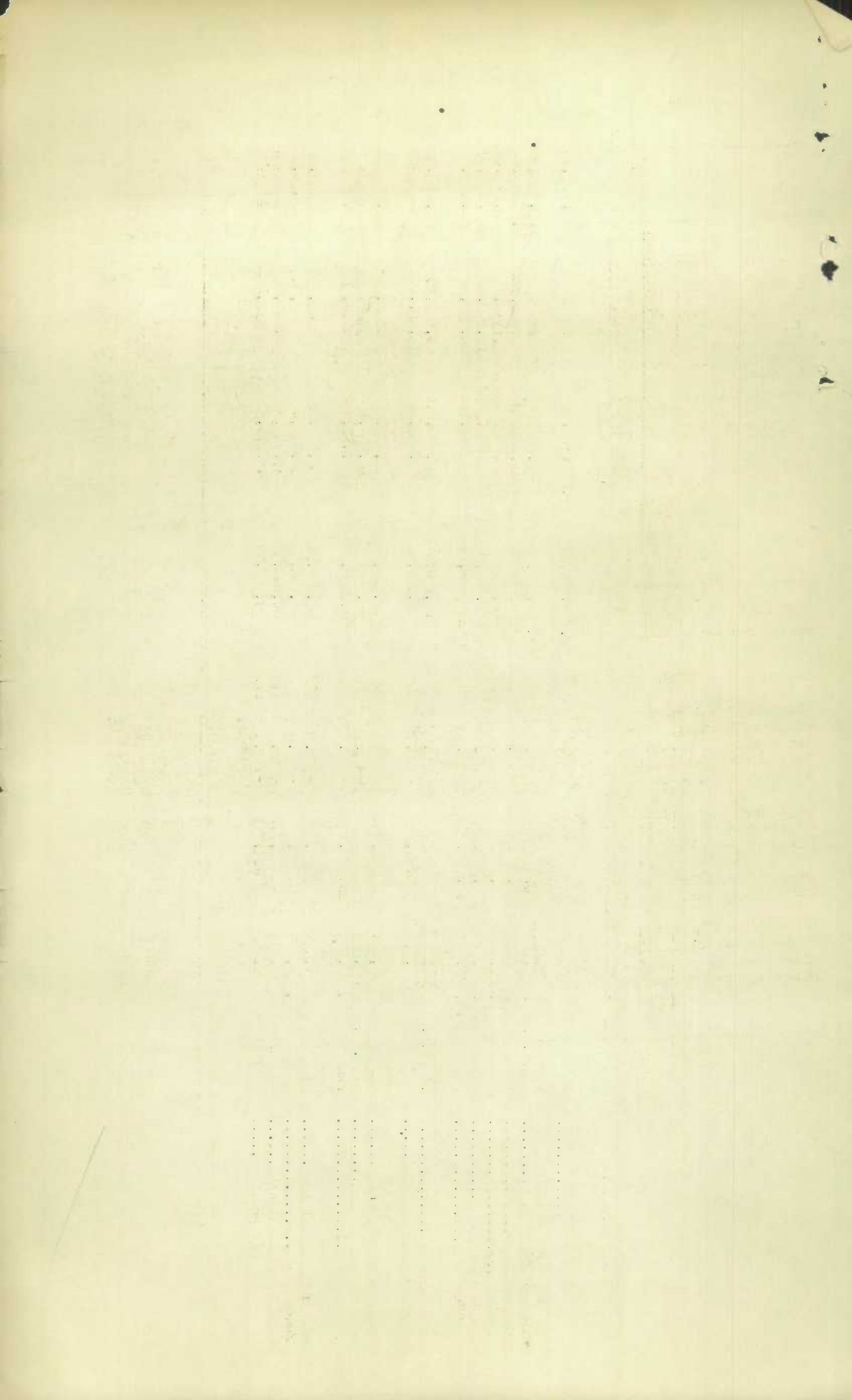
Under the item "Miscellaneous products" are included piling, boom timber, masts, spars, knees and futtocks, tan bark and minor products. Under "Miscellaneous exports" are included stave, shingle and lath bolts, match blocks, masts, etc. piling, hop and hoop poles and tanbark.



TOTAL FOREST PRODUCTION

Table 1.- Primary forest production, by products, 1924 and 1925.

	Unit of measurement used	Quantity reported or estimated		Per cent increase or decrease over 1924	Converting factor	Equivalent volume in standing timber		Total value	
		1924	1925			1924 Cubic feet	1925 Cubic feet	1924 \$	1925 \$
TOTAL.....	-	-	-	-	-	2,808,506,073	2,839,138,401	213,146,710	209,276,561
Logs and belts sawn.....	M ft.b.m.	4,603,991	4,249,216	- 7.7	219	1,008,055,029	930,578,304	83,141,692	71,854,926
Pulpwood used.....	cords	3,316,951	3,668,959	+ 10.6	117	388,083,267	429,268,203	44,241,582	48,012,602
Firewood.....	"	9,117,680	9,159,143	+ 0.4	95	866,179,600	870,118,585	39,336,771	39,515,657
Pulpwood exported.....	"	1,330,250	1,423,502	+ 7.0	117	155,639,250	166,549,734	13,536,058	14,168,935
Railway ties.....	number	16,038,283	16,744,579	+ 4.4	12	192,459,396	200,934,948	14,251,450	14,491,557
Logs exported.....	M.ft.b.m.	288,384	291,509	+ 1.1	219	63,156,096	63,840,471	4,855,298	4,778,108
Square timber exported.....	"	127,773	116,986	- 8.4	219	27,982,287	25,619,934	3,317,225	2,643,543
Telegraph and telephone poles.....	number	785,654	865,581	+ 10.2	13	10,213,502	11,252,553	3,621,415	3,802,036
Round mining timber.....	M lin.ft.	52,343	50,418	- 3.7	328	17,168,504	16,537,104	1,296,710	1,249,021
Fence posts.....	number	13,826,713	14,743,193	+ 6.6	2	27,653,426	29,486,386	1,414,363	1,418,961
Wood for distillation.....	cords	57,131	49,514	- 13.3	123	7,027,113	6,090,222	562,525	463,616
Fence rails.....	number	5,291,692	5,321,213	+ 0.6	2	10,583,384	10,642,426	452,377	454,910
Miscellaneous exports.....	cords	212,328	255,942	+ 20.5	117	24,842,376	29,945,214	2,281,013	2,674,693
Miscellaneous products.....	"	80,879	412,601	+410.1	117	9,462,843	48,274,317	838,231	3,747,996





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TOTAL FOREST PRODUCTION, 1925 - Con.

Table 2. - Primary forest production, by provinces, 1924 and 1925.

Provinces	Equivalent volume in standing timber		Total Value	
	1924	1925	1924	1925
	cubic feet	cubic feet	\$	\$
CANADA.....	2,808,506,073	2,839,138,401	213,146,710	209,276,561
Prince Edward Island...	15,554,412	15,796,043	710,657	725,386
Nova Scotia.....	122,937,591	123,017,173	7,962,289	8,113,775
New Brunswick.....	240,630,113	230,307,393	20,519,589	18,825,986
Quebec.....	883,431,884	841,330,856	68,597,165	64,782,905
Ontario.....	760,725,859	778,616,360	64,911,097	62,645,816
Manitoba.....	57,100,646	61,985,220	2,861,094	3,106,824
Saskatchewan.....	49,896,400	52,469,838	2,093,805	2,214,199
Alberta.....	59,649,950	61,277,738	2,758,473	2,823,965
British Columbia.....	618,579,218	674,337,780	42,732,541	46,037,705

Table 3.- Review of total value of primary forest production, by products, 1921 to 1925.

Products	1921	1922	1923	1924	1925
	\$	\$	\$	\$	\$
TOTAL....	168,054,024	170,850,096	197,459,331	213,146,710	209,276,561
Logs and bolts sawn...	51,035,456	55,066,273	69,352,821	83,141,692	71,854,926
Pulpwood used.....	38,283,262	40,375,599	43,594,592	44,241,582	48,012,602
Firewood.....	37,468,330	38,228,702	38,723,272	39,336,771	39,515,657
Pulpwood exported....	14,617,610	10,359,762	13,525,004	13,536,058	14,168,935
Railway ties.....	13,302,956	13,215,986	13,228,547	14,251,450	14,491,557
Logs exported.....	2,117,097	3,270,575	5,095,168	4,855,298	4,778,108
Square timber exported	1,699,530	1,492,344	4,037,030	3,317,225	2,643,543
Telegraph and telephone poles.....	1,710,000	1,707,378	2,998,852	3,621,415	3,802,036
Round mining timber....	1,709,667	1,721,025	1,615,667	1,296,710	1,249,021
Fence posts.....	1,514,473	1,354,268	1,423,478	1,414,363	1,418,961
Wood for distillation..	563,774	479,299	540,541	562,525	463,616
Fence rails.....	468,417	450,133	444,189	452,377	454,910
Miscellaneous exports..	2,550,470	2,278,674	1,723,683	2,281,013	2,674,693
Miscellaneous products.	1,012,982	850,078	1,156,487	838,231	3,747,996

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