

The groups of industry in which fuel was most extensively used in 1928 were:—wood and paper, \$14,428,000; non-metallic minerals, \$12,861,000; iron and steel, \$10,647,000; and vegetable products, \$6,794,000. Fuel is used quite generally throughout the industrial field for the generation of power by means of internal combustion and steam engines. The principal industries where fuel is used as a material that enters into the actual composition of the product are the manufactures of coke and gas. The most important industries where heat is applied directly to materials to transform them or to facilitate their manipulation are foundries and machine shops, blast-furnaces and steel mills, smelting plants, brick-, tile-, lime- and cement-making, petroleum-refining and the glass industry.

The total annual expenditure on fuel increased by \$8,120,355 or 15.7 p.c. in the 7 years from 1921 to 1928, covered by the summary figures in Table 31. The fuels which have shown the greatest proportionate increases are gas and oil.

31.—Total Fuel Used in the Manufacturing Industries of Canada, 1921-1928, with Details by Provinces and Groups, 1928.

Province and Group.	Bituminous Coal.		Anthracite Coal.	Coke.	Oil.	Wood.	Gas.	Total. <sup>1</sup>
	Quantity.	Value.						
	tons.	\$						
<b>Totals, 1921...</b>	<b>4,103,071</b>	<b>34,752,681</b>	<b>2,915,763</b>	<b>2,497,400</b>	<b>5,417,800</b>	-	-	<b>51,640,912</b>
<b>Totals, 1922...</b>	<b>4,101,463</b>	<b>39,914,585</b>	<b>3,616,135</b>	<b>3,299,016</b>	<b>5,649,071</b>	<b>2,035,444</b>	<b>1,616,902</b>	<b>48,920,505</b>
<b>Totals, 1923...</b>	<b>5,338,446</b>	<b>38,283,135</b>	<b>4,614,239</b>	<b>3,233,257</b>	<b>6,241,692</b>	<b>2,514,157</b>	<b>1,904,058</b>	<b>58,736,938</b>
<b>Totals, 1924...</b>	<b>5,515,255</b>	<b>34,438,554</b>	<b>4,642,654</b>	<b>2,250,232</b>	<b>5,790,752</b>	<b>2,535,064</b>	<b>4,711,186</b>	<b>57,068,214</b>
<b>Totals, 1925...</b>	<b>5,902,197</b>	<b>34,034,531</b>	<b>2,564,459</b>	<b>5,045,239</b>	<b>7,240,361</b>	<b>2,700,979</b>	<b>3,570,183</b>	<b>57,818,701</b>
<b>Totals, 1926...</b>	<b>6,409,227</b>	<b>36,723,359</b>	<b>2,266,935</b>	<b>4,176,584</b>	<b>7,371,769</b>	<b>2,645,505</b>	<b>4,233,973</b>	<b>59,695,997</b>
<b>Totals, 1927...</b>	<b>6,470,503</b>	<b>36,053,827</b>	<b>2,435,720</b>	<b>3,890,379</b>	<b>7,220,523</b>	<b>2,492,495</b>	<b>5,272,735</b>	<b>60,166,218</b>
<b>Totals, 1928...</b>	<b>6,639,736</b>	<b>37,871,736</b>	<b>2,070,939</b>	<b>1,819,347</b>	<b>7,300,553</b>	<b>2,439,104</b>	<b>5,434,805</b>	<b>59,761,267</b>
<b>PROVINCE, 1928.</b>								
P. E. Island.....	12,898	77,017	469	3,382	15,960	11,397	-	110,817
Nova Scotia.....	323,429	1,625,179	19,911	78,731	557,010	63,779	574,779	2,974,941
New Brunswick...	263,701	1,390,493	16,419	28,590	66,181	173,784	17,127	1,700,741
Quebec.....	2,032,340	12,322,547	1,088,796	260,345	2,037,177	547,082	506,113	17,320,310
Ontario.....	3,354,934	19,947,358	842,999	1,229,808	2,648,947	983,608	3,605,246	28,791,474
Manitoba.....	135,395	957,037	71,010	56,010	280,265	249,956	80,076	2,060,449
Saskatchewan.....	73,783	486,328	18,723	40,258	346,454	66,824	154,501	1,781,992
Alberta.....	152,192	532,008	2,065	37,955	106,083	34,451	400,372	1,544,523
British Columbia and Yukon.....	291,066	1,543,769	10,592	86,288	1,242,473	300,428	95,891	3,467,020
<b>GROUP OF INDUSTRIES, 1928.</b>								
Vegetable products	714,217	3,328,829	408,242	376,539	694,021	490,263	610,977	6,793,577
Animal products...	345,320	2,142,241	77,153	42,985	214,350	307,921	65,554	3,362,773
Textiles.....	481,309	3,057,773	194,644	48,395	88,131	47,994	86,183	3,694,772
Wood and paper...	1,948,105	11,529,813	931,448	20,859	831,927	720,901	153,119	14,428,373
Iron and steel...	1,072,154	5,472,300	233,802	507,323	2,000,966	65,704	2,017,061	10,647,270
Non-ferrous metals	313,396	1,931,544	66,901	150,908	848,694	62,280	150,343	3,246,564
Non-metallic minerals.....	1,231,626	6,991,152	81,028	572,268	2,108,678	645,931	2,255,256	12,861,215
Chemicals.....	283,636	1,537,411	46,020	56,228	70,651	14,227	24,819	1,832,453
Miscellaneous industries.....	60,878	407,497	23,830	30,339	88,348	8,747	39,180	623,865
Central electric stations.....	186,095	973,111	7,921	13,504	359,786	75,136	32,301	2,280,405

<sup>1</sup> Includes other kinds of fuel which, in 1928, were as follows: lignite coal, \$1,572,452; gasoline, \$448,616; other fuels, \$303,666.