

The groups of industries in which fuel was most extensively used in 1929 were: non-metallic minerals, \$14,882,000; wood and paper, \$14,432,000; iron and steel, \$11,779,000; and vegetable products, \$7,095,000. 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 \$12,784,577 or 24.8 p.c. in the 8 years from 1921 to 1929, covered by the summary figures in Table 31. During this period prices of fuels generally have declined. Thus there has been an increase of 72 p.c. in the quantity of bituminous coal used while the value has increased only 13 p.c. The fuels which have shown the greatest proportionate increases are gas and oil.

**31.—Total Fuel Used in the Manufacturing Industries of Canada, 1921-29, with Details by Provinces and Groups, 1929.**

Province and Group.	Bituminous Coal.		Anthracite Coal.	Coke.	Oil.	Wood.	Gas.	Total. <sup>1</sup>
	Quantity.	Value.						
<b>Totals, 1921..</b>	4,193,071	34,752,681	2,915,752	2,497,400	5,417,800	\$ -	\$ -	51,640,912
<b>Totals, 1922..</b>	4,161,463	29,914,585	2,616,185	3,299,016	5,649,071	2,085,444	1,616,802	48,320,505
<b>Totals, 1923..</b>	5,338,446	38,283,135	4,614,239	3,238,257	6,241,692	2,514,157	1,904,058	58,736,938
<b>Totals, 1924..</b>	5,518,255	34,433,554	4,642,654	2,250,232	5,750,752	2,595,064	4,711,186	57,063,214
<b>Totals, 1925..</b>	5,902,197	34,034,531	2,564,489	5,045,239	7,246,961	2,700,979	3,570,180	57,818,701
<b>Totals, 1926..</b>	6,469,227	36,723,359	2,266,935	4,176,584	7,371,769	2,645,505	4,233,073	59,695,997
<b>Totals, 1927..</b>	6,470,893	36,053,827	2,435,720	3,800,378	7,220,529	2,492,495	5,272,735	60,106,218
<b>Totals, 1928..</b>	6,639,736	37,871,736	2,070,989	1,819,347	7,200,552	2,439,104	5,434,805	59,761,267
<b>Totals, 1929..</b>	7,962,234	39,315,733	1,986,332	2,354,542	8,778,491	2,693,629	6,214,847	64,425,489
<b>PROVINCE, 1929.</b>								
P. E. Island.....	12,466	76,443	636	4,287	10,702	10,926	-	105,290
Nova Scotia.....	353,390	1,721,093	19,035	223,415	525,329	69,615	603,665	3,197,827
New Brunswick..	261,808	1,346,426	12,498	29,846	64,998	196,163	18,624	1,681,023
Quebec.....	2,067,638	12,285,555	1,013,973	424,047	2,337,402	709,506	811,930	17,812,796
Ontario.....	3,697,929	20,011,976	841,534	1,398,641	3,278,529	964,945	4,045,553	31,336,962
Manitoba.....	178,985	1,334,774	82,343	71,131	231,282	231,212	141,305	2,572,661
Saskatchewan....	88,961	601,298	10,682	78,273	455,562	51,643	177,031	2,172,706
Alberta.....	145,728	541,862	348	23,427	125,257	32,048	460,178	1,678,531
British Columbia and Yukon.....	255,329	1,396,316	6,283	106,475	1,749,426	427,572	156,561	4,066,693
<b>GROUP OF INDUSTRIES, 1929.</b>								
Vegetable products	709,319	3,718,816	509,436	477,733	761,040	505,851	692,583	7,094,888
Animal products..	356,134	2,108,686	49,041	42,104	190,624	500,952	688,352	3,232,754
Textiles.....	471,389	2,952,181	199,865	46,097	92,575	55,791	89,273	3,557,962
Wood and paper...	2,020,532	11,532,879	714,533	23,389	837,021	811,176	160,551	14,431,777
Iron and steel....	1,209,714	5,945,548	296,614	612,179	2,420,758	77,467	1,975,220	11,779,052
Non-ferrous metals	356,864	2,266,024	52,533	262,505	1,168,347	8,132	185,592	3,932,473
Non-metallic minerals.....	1,373,331	7,852,484	72,025	774,020	2,334,632	662,608	2,905,627	14,882,045
Chemicals.....	305,350	1,551,275	49,245	71,771	69,480	14,166	26,545	1,841,368
Miscellaneous industries.....	63,894	407,292	23,932	44,804	108,851	7,884	52,726	658,775
Central electric stations.....	195,717	1,040,538	29,108	-	795,163	49,602	58,378	3,014,395

<sup>1</sup>Includes other kinds of fuel which, in 1929, were as follows: lignite coal, \$1,759,415; gasoline, \$470,302; other fuels, \$52,208.