45D02

Historical File Copy

CANADA-DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS MINING, METALLURGICAL AND CHEMICAL BRANCH

Vol. 10

No. 3



# QUARTERLY REPORT

ON

# COAL AND COKE STATISTICS FOR CANADA

JULY, AUGUST, SEPTEMBER, 1931

Published by authority of the Hon. H. H. Stevens, M.P., Minister of Trade and Commerce



OTTAWA
F. A. ACLAND
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1921

# LIST OF PUBLICATIONS

### PREPARED IN THE

# MINING, METALLURGICAL AND CHEMICAL BRANCH DOMINION BUREAU OF STATISTICS.

MINERAL PRODUCTION (Mining and Metallurgy).

General Reports

Preliminary Reports (semi-annual) on the Mineral Production of Canada.

Monthly Report on Canada's Leading Mineral Products.

Annual Report on the Mineral Production of Canada. (In one volume).

A comprehensive record of the mining industry embodying historical and world data, detailed information on mineral production, imports and exports for Canada and general statistics relative to the mining industry on capital investment, employment, fuel consumption and power equipment arranged in 10 chapters each ment, fuel consumption and power equipment arranged in 10 chapters each dealing with a particular branch of the industry. Statistics on production and trade in mineral products appear in detail in the appropriate chapters. A list of operating companies with their office and plant addresses is included. Fully indexed. Chapter titles are: Canada—The Gold Mining Industry—The Silver Mining Industry—The Nickel-Copper Industry—Miscellaneous Metal Mining Industries—The Non-Ferrous Smelting and Refining Industry—The Coal Mining, Coke, Natural Gas, Peat and Petroleum Industries—Non-Metal Mining Industries (Other than Fuels)—The Chapter that the Products and Other States of Computing Values of Computing Values of Computing Values and Computing Values of Computing Values and Computing V -Directory of Reporting Firms-Notes on the Methods of Computing Values -Index.

Coal-

Monthly and Quarterly Reports on Coal and Coke Statistics for Canada.

A condensed report on production, imports and exports of coal and coke is issued

monthly, publication being made about the twentieth of the next following month. A more general review is published quarterly, showing statistics for each month, for the quarter, and for the year to date on the output by coal-mining districts and by provinces, imports and exports by ports and by kinds of coal, employment in coal-mining, and tonnage lest. There is also a section on coke showing production, imports, exports, distribution and consumption by months and by provincial groups.

Annual Report on Coal Statistics for Canada.

Text and tables showing for Canada, and for each of the coal-producing provinces, historical and current data on output, tonnage lost, disposition of coal from the mines, domestic and foreign shipments, exports and imports by ports, consumption of coal, prices, employment, salaries and wages paid, power equipment, capital investment, etc.

### Annual Bulletins-

(a) MINERAL PRODUCTION-

Metals.— Arsenic—Cobalt—Copper—Gold—Lead—Nickel—Metals of the Platinum
Group—Silver—Zinc—Miscellaneous Metals including Aluminium, Autimony,

Chromite, Iron ore, Manganese, Mercury, Molybdenum, Tin, Tungsten.

Non-Metals.—Abrasives—Asbestos—Coal—Feldspar—Gypsum—Iron Oxides—Mica—
Natural Gas — Petroleum — Quartz — Salt — Talc and Soapstone — Miscellancous Non-Metallic Minerals including Actinolite, Barytes, Bituminous Sands,
Fluorspar, Graphite, Mugnesite, Magnesium Sulphate, Mineral Waters, NatroAlunite, Peat, Phosphate, Pyrites, Sodium Carbonate, Sodium Sulphate.

Structural Materials.—Cement—Clay and Clay Products—Lime—Sand and Gravel—

Stone and Slate.

(b) MINERAL INDUSTRY.—Each bulletin of this group shows in synopsis, material to be published subsequently as one chapter of the annual report on the Mineral Production

of Canada. These bulletins are published in mimeograph form from time to time during the year as the necessary material becomes available.

By Industries.—Gold Mining Industry including Alluvial Gold Mining, Auriferous Quartz Mining and Copper-Gold-Silver Mining—Silver-Cobalt and Silver-Lead-Zine Mining Industry—Nickel-Copper Industry—Miscellaneous Metal Mining Industries—The Non-Ferrous Smelting and Refining Industry—The Coal Mining, Coke Natural Gas. Peat and Petroleum Industries—Non-Metal Mining Industries Coke, Natural Gas, Peat and Petroleum Industries-Non-Metal Mining Industries (Other than Fuels)—The Clay Products and Other Structural Materials Industries.

### DOMINION BUREAU OF STATISTICS

R. H. COATS, B.A., F.S.S., (Hon.) F.R.S.C., Dominion Statistician.

W. H. LOSEE, B.Sc., Chief of the Mining, Metallurgical and Chemical Branch.

# COAL STATISTICS FOR CANADA

July, August, September

1931.

Forewore.—During the past nine years the Bargau has published comprehensive monthly reports on coal statistics, and for the past six years, on both coal and coke statistics. These reports, similar in form to the present issue, have been printed on the fifteenth of the second following month. To expedite this service, it was decided, beginning with the issue for January. 1928, to restrict the monthly bulletin to a record of output, imports and exports data compiled by provinces and by kinds of coal; and to continue coke statistics as heretofore. This monthly bulletin is now being published on the twentieth of the next following month.

A new quarterly report, of which the present publication is an example, contains revised data on production for each of the three months under review. All the other tables shown in the monthly report as it was published in previous years, are continued in this quarterly report which is prepared for publication on the lifteenth of the second following month after the end of the quarter.

Both the monthly bulletin and the quarterly report are sent to the same mailing list.

Canadian coal production during the third quarter of 1931 amounted to 2,609,386 tons, a decline of 34·2 per cent from the 1926–1930 average for the quarter of tons. Compared with the corresponding quarter of 1930, the period under review showed a decrease of 25·0 per cent in the production of bituminous coal, 17·9 per cent in lignite coal, and 21·8 per cent in subbituminous coal. Output from Nova Scotia, New Brunswick, Saskatchewan, Alberta, and British Columbia mines declined, but in the Yukon an increase of 33 per cent was recorded. Nova Scotia operators produced 1,128,483 tons, or 43·2 per cent of the total Canadian output. Alberta mines accounted for 36·5 per cent of the total production; British Columbia, 16·1 per cent; Saskatchewan, 2·7 per cent, and New Brunswick, 1·5 per cent.

Coal imported into Canada during the period totalled 4,250,999 tons, made up of 3,852,201 tons from the United States, 366,016 tons from Great Britain, and 32,782 tons from Germany. Total imports of coal during the third quarter were 25 per cent below the 1930 level.

Anthracite coal importations reached a total of 846,639 tons, of which 488,939 tons came from the United States, 324,918 tons from Great Britain, and 32,782 tons from Germany. Bituminous coal imported consisted of 3,362,554 tons from the United States and 41,098 tons from Great Britain. British Columbia consumers obtained 708 tons of lignite coal from the United States during the period.

Exports of Canadian coal amounted to 88,449 tons, a falling off of 51 per cent from the total for the third quarter of 1930. Coal cleared through Eastern Canada ports totalled 60,751 tons, as compared with 136,018 tons in the corresponding quarter of last year, and through Manitoba, Saskatchewan, Alberta, and British Columbia ports, 27,698 tons as against 43,261 tons.

Canada's coal supply (computed on the basis of production plus imports less exports) was 6,771,936 tons or 24 per cent below the tonnage made available for consumption during the third quarter of 1930.

The average number of men employed during the period was 24,667, consisting of 5,491 men on the surface and 19,176 men underground. In the previous year, the average was 26,345, made up of 5,905 surface employees and 20,440 underground. The average production per man in July, August and September was 106 tons and the output per man-day was 2·4 tons. Mines in operation produced 57 per cent of their possible output; the time lost was due principally to "lack of orders". During September a strike in the Estevan coal district of Saskatchewan involved some 600 miners, with a loss in working time of 12,600 man-days. Approximately 500 man-days were lost due to a strike at Wayne, Alberta; a strike at Sydney Mines, Nova Scotia, was responsible for an additional time loss of 2,000 man-days.

### EXPLANATORY NOTES ON THE TABLES

The figures in this report are the latest available at time of printing, for each month in the quarter, on production, imports and exports of coal and coke, for Canada. Pelliminary figures are published monthly. Finally revised data for the year are given in the Annual Report on Coal Statistics.

### Output-

The output of coal from each district or county is shown for each month of the quarter under review; the total output during the calendar year to date and the output during the corresponding period of the previous year are also given.

### Imports-

Imports of anthracite, bituminous and lignite coal are given separately for each Customs port of entry and for each province, the data showing the quantity imported during each month, the quarter, and the calendar year to date, with totals for the corresponding quarter in the preceding year. With regard to the table of imports, it is to be noted that the data given are not comparable with the imports statistics published in the Reports of the Trade of Canada. The quantity of coal shown herein as imported represents the total amount of coal from the United States, Great Britain and other countries arriving at each port during the month. There is thus included some coal which has not been cleared from Customs, while the Reports of the Trade of Canada show only the quantity of coal actually cleared from Customs for consumption in Canada. It often happens that large quantities of bitumineus coal are brought into Canada but are not cleared from Customs until required for use, owing to the fact that there is a duty on all bituminous coal imported—preferential tariff, 35 cents a ton; intermediate tariff, 75 cents a ton; and general tariff, 75 cents a ton.

### Exports-

Exports of Canadian coal by ports of exit are shown; these data do not necessarily show the province of origin. Coal unined in one province is sometimes shown as exported from another province, a notable instance being that the bulk of coal exported from the province of Alberta is shipped through the Customs ports of Fernie and Cranbrook in British Columbia.

### Coal made available for Consumption in Canada-

In Table No. 2 the total quantities of coal mined in each month have been added to the total quantities imported. From this aggregate there has been deducted the quantity of Canadian coal exported during the month. The amount remaining is the tonnage of coal made available for consumption during each of the months reported.

### Tonnage Lost-

A plan has been worked out by the Bureau which is now being applied in every coal producing province, and the following outline of the procedure is given, in order that the reader may clearly understand

how the data in Table 4 were obtained.

For each month the actual output and the actual number of day's work done by all employees on the colliery pay-rolls are determined and from these two figures the output per man-day is deduced. The number of individual shifts lost by the men whose names are on the colliery pay-roll for the month is recorded, and the total number of shifts so lost is multiplied by the actual tonnage produced per man-day during the month. This last tonnage plus the actual output of the mine during the month is regarded as the possible output and the percentages given in Table 4 showing the proportions produced and lost, are computed from these figures. The tonnage lost during the quarter is analyzed in percentages according to the cause of loss.

Table 1.—Summary of the Principal Coal Statistics for Canada

	July 1931	August	Sept. 1931	end	months ling 30th	to c	ar Year late as ending 30th)	Per	centage	relation	В
				1931	1930	1931	1930	(2) to (1) (3	) to (2) (	4) to (5)	(6) to (7)
11 - 10 0	(1)	(2)	(3)	(41	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Output	831,344	767,180	1,010,862	2,609,386	3,423,002	8,502,111	10.587,812	92	132	76	80
Imports— United States Great Britain Germany		103,468	115.524	366,016	414,484	8,855,580 713,798 47,513	824,076	126 70 281	99 111 128	75 88	75 86
French East Indies Russia Newfound- land	-		-	-	181,965	-	216,494 33		-	-	4 1
	1.245.398						12,859,533		150	75	71
Exports	35,603								92	49	57
Coal made available	2,041,136	2,238,098	2,492,703	6,771,936	8,872,476	17,861,258	22,993,086	100	111	76	77

Table 2.—Output, Exports, Imports, and Coal Made Available for Consumption in Canada

Monah	Out	put	Expor	ts	Imp	orts	Coal	made avai	lable
Month	1930	1931	1930	1931	1930	1931	1929	1930	1931
January	1.643.623	1.178.945	71.356	37.017	1,200,833	792,820	2,613,775	2,773,100	1.934.754
February	1.194.711	962.710	45,801	21,641	1.043.041	830,609	2,609,069	2, 191, 951	1,771.078
March	1, 130, 765	1,050,301	35,830	32,251	1.065,380	815, 429	2,503,601	2,166,315	1.833,479
April	913, 203	898. 437	14, 731	12,431	660, 462	537, 530	2.098,776	1,558,934	1,423,530
May	1,124,545	911,918	38,900	27.887	1,373,573	1.191.017	2,910,259	2,459,218	2,075,048
June	1,151,963	890,414	68,362	38,066	1,887,497	1,198.419	3,035,047	2,971,098	2,050,827
July	1,058,424	831,344	23.554	35,603	1,781.283	1,245,395	3.289,681	2.818,153	2,041 130
August	1,111,676	767,180	88,341	27,436	1.800,598		3.180,447		
Soptember	1,252,902	1.010.882]	67,384	25.410	2,046,860	1,507,250	3,275,910	3,232,384	2,492,702
October	1,659,315	-	47,259	-	1,966,022		3.682.907		
November	1,349.694	140	62,266	-	1,571,487	-		2,858,915	
December	1,284,503		60,728	-	1,223,032	-	2,715,132	2,446,807	-
Total-								-	
9 months to Sept. 30			454.259		12, 859, 433				
12 months to Sept. 30			639,616		18, 227, 072				
12 months to Dec. 31	11.881,324	1	624.512		17,620,074	-	35, 272, 885	31,876,886	-

Table 3.—Output of Canadian Coal by Provinces and Kinds, 1931

		Chutp	at by provi	nees		Out	tput by kin	ds	Total for
Month	Nova Scotia	New Hrunswick	Saskat- chewan	Alberta	British Columbia	Bitum- inoua	Sub-bit- uminous	Lignite	Canad
Januarytons	439, 495	21.122	80.368	471,591		791,859	52,860	334,226	1,178,945
February tons	404,038	21,223	54,464	336,502		720, 959	34,493	207, 258	962,710
Marchtons	430,852	16,030	62,666	387,512		766, 68th	27,979	255,642	
Apriltons	444,542	14,177	30,127	273,615	135,976	755,175 84	21,705	121,557	
Mayton	469,709 52	11,500	22,273	276, 571	131,775	786,871	33,312	91,735	
Junetons	431,062	10,920	17,892	235,907		804,681	18,622	67,111	
Julytons	396,116	13,426	16.082	267, 165 32	138,555	715,523	43,876	71,945	831,344
Augusttons	335,857	12,245	19,452			610,877	43,220	113,083	767,180
Septembertons	396,510		34,514	422,706		668,990	41,281	300,591	1,010,863
Octobertons	-	-	-	-	-	**	-	-	-
November tons		-	-	-	-	40	-	-	-
Decembertons	-	-	-	=		-		-	-
Year to date tons	3,748,179		337,838	2,932,993	*1,350,385	6,621,615		1,563,148	

<sup>\*</sup> Includes 653 tons of coal for Yukon.

Table 4.—Tonnage Lost in the Coal Mines of Canada, July-September, 1931

	1'e	r cent	produce	ol in		Per cer	at lost	111	Per cen	lost du	ing third	quarter	through
Province	July	Aug.	Sept.	Total three months	July	Aug.	Sept.	Total three months	Absent- eeism	Lack of orders	Cur short- age	Mine dis-	Other
Nova Scotia New Brunswick	54	48	57 53	53 54	46 43	52 47	43	47 46	0.8	44 0	0.0	0.7	1.5
Saskatchewan	30	34 52	81 63	46 59	70 39	66 48	37	54 41	0·0 0·2	54·0 40·4 35·9	0.0	0.0	0·0 0·2 0·6
British Columbia	63	61 51	65	63 57	43	39	35	43	0-1	41.4	0-4	0.0	0.6

Table 5.—Number of Employees in the Coal Mines of Canada by Provinces

	J	uly, 1931	_	A	ugust, 1931		Sep	tember, 19	31
Province	Surface	Under- ground	Total	Surface	Under- ground	Total	Surface	Under- ground	Total
Nova Scotia. New Brunswick. Saskatchewan. Alberta. British Columbia.	2,286 152 117 1,779 1,041	11,207 413 192 3,892 2,591	13,493 565 309 5,671 *3,632	2.258 165 124 1.818 1.036	11,011 404 215 4,496 2,543	13,299 569 339 6,314 3,579	2,248 158 160 2,104 1,026	10,905 412 243 6,320 2,687	13, 153 570 403 8, 424 3, 713
Canada	5,375	18,295	23,670	5,401	18,669	24,070	5,696	30,567	28,263

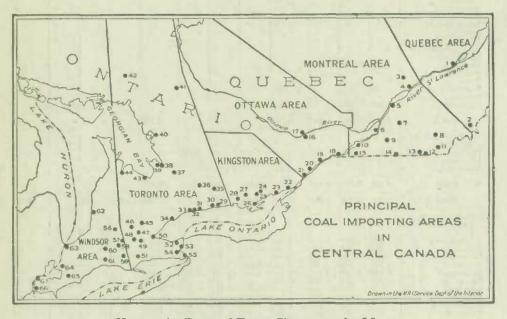
<sup>\*</sup> Includes 3 employees in July and 4 in August for Yukon.

# Table 6.—Output of Coal from Canadian Mines

	M	onths, 193	1		for 3rd	Totals fo	or year late	Percei relat	
Marie Control	July	Aug.	Sept.	1931	1930	1931	1930	(4) to (5)	(6) to (7
Nova Scotta-	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bituminous— Cape Breton	283,526	239,098	277,260	799,884		2,630,806	3,498,797	66	75
Cumberland	45,209 11,952	44,092 10,544	62,188 13,112	151,489 35,608	164,359 30,955	506,229 99,998	578, 223 109, 813	92 115	8
Pictou	55,429	42,123	43,950	141,502	175.688	511.146	520, 169	80	9
Total	395, 116	335,857	396,510	1,128,483	1,577,205	3,748,179	4,707,002	71	71
New Brunswick— Bituminous	13,426	12,245	12,083	37,754	41,935	132,816	156, 266	80	8
Saskatchewan— Lignite	16,082	19, 452	34,514	70.048	84,471	337,838	327, 147	83	103
Alberta-Bituminous-									
Brulé Coal Area Cascade "	14, 190	14,422	12,025	40,637	59,041	125,328	165,105	69	70
Clearwater "	-	-	-	-	-	-	-	-	-
Highwood "	87,018	72,506	66,905	226,429	-	-	A	-	8-
Mountain Park " Nordegg	52,884 13,334	30,875 6,670	29,316 7,102	113,075 27,106	209.694 50,787	417.007 113,147	556,624 149,752	54 53	71
Old Man	-	-	~	_	-	I	-	-	-
Smoky River		_	-	_	_	_	-	-	-
Total Bituminous	167,426	124,473	115,348	407.247	604, 198	1,390,235	1,736,807	67	80
Sub-Bituncinous— Coalspur Coal Area Morley	39,641	35,368	29,352	104,361	139,223	275,251	354,245	75	78
Pekinko "	66	25	80	171	757	468	3,440	22	1
Pincher " Prairie Creek "	2,913	4.864	178 4,556	252 12,333	319 2,881	1,270 20,693	1,241 6,025	79 428	10: 34:
Saunders 4 Total Sub-	1,222	2,923	7,115	11.260	21,102	19,666	43,495	53	4:
Bituminous	43,878	43,220	41,281	128,37	164,282	317.343	408,446	78	77
Lignite— Ardley Coal Area	710	602	851	2, 163	42	4,483	1,005	5, 150	448
Big Valley "	18 163	31 279	123	172	412	1,342 2,422	2,175 3,939	41 65	61
Camrose "	1,581	2,010	4.086	1.143 7.677	1,734 5,394	22,413	21,797	142	103
Carbon "Castor "	802 300	3,310	8,407 1,018	12,519 1,624	12, 203	42,841 8,909	46, 233 8, 976	102 136	9:
Champion "Drumbeller "	368 15,718	34,253	1,418 135,256	2,290 185,227	2,164 251,008	6,298 540,229	6,017 799,224	105 73	10-
Edmonton "	10,922	15,00	32,032	57,961	59,911	214, 416		96	70
Gleichen 44	43	63	199	305	383	1,285	1,505	79	81
Halcourt " Lethbridge "	12,480	36 24,910	59, 688	97.078	75 130,086	653 209,633	345, 400	178 74	434
Magrath "	57	73	129	259	103	677	476	251	143
Pakan "	132	135	389	656	234	1,625	557	280	291
Pakowki "	2,725	25 1,685	108 9,237	133 13,647	20,991	365 66,113	677 81,400	120 65	50 81
Redeliffe "Rochester "	1.030	1,028	1,696	3,752	3,738	17,623 225	16,173	100	109
Bersmith "	-	-	-	-	-	34	-		_
Sheerness 4	415	459	1,841	2,715	2,864	7,140	8,502	94	83
Steveville "	275	436	1,490	2,201	1,227	5,436	5,271	179	103
Tofield "Wainwright "	8,119	8,481	7,315	23,915		71,060	72,918	127	97
Wetnskiwin "Whitecourt "	-	_	_	_	_	63 25	51		123
Total Lignite	55,863	93.631	266,077	415.571	512,580	1,225,310	1.701.891	81	71
Fotal for Alberta	267, 165	261,324	422,706	951, 195	1,281,060	2, 932, 893	3,847,144	74	76
BRITISH COLUMBIA— Bituminous—									
Crows Nest Pass	63, 380	57, 158	62,075	182,613	164,959	514,440	561,597	110	91
Inland	13, 272 61, 666	14,248 66,480	19,130 63,844	46,650 191,990	45, 243 224, 639	152,453 682,588	159, 901 828, 102	103 85	91
Total	138,318	137,886	145,049	421,253	434,841	1,349,481	1,549,600	96	82
Yukon	237	416	-	653	496	994	653	133	138
TOTAL OUTPUT									

Table 7.-Imports of Coal into Central Canada by Principal Areas

			Ап	thracite					Bitur	ninous		
Area	July	Aug.	Sept.	Total for 3	Total fo		July	Aug.	Sept.	Total for 3	Total fo	
				months	1931	1930				months	1931	1930
Quebec.	13.774	5,211	34,904	53,889	88,447	103,974	10,000	17,591	11,226	38,817	63,173	97,630
real. Ottawa	165,060 5,497		128,442 11,056		922.745 101,390	1,190,594 130,862	119,835 76,877	96,976 73,019	129,129 72,004	345,940 221,900	676,800 641,247	721,343 720,777
Kings- ton Toronto		57.858	71,788	239.325		67,396 1,075,744	21,629 453,017	22,923 518,76			141,916 3,411.28	199,700 3,980,533
Windsor Tetal.	15,332	14,914 214,388			148,753	2,746,811	167.523 848,891	157,937 887,206	198,313		6,271,976	7,521,267



# Key to the Ports of Entry Shown on the Map

QUEBEC AREA-	Ottawa Area—	TORONTO AREA-Con.	TORONTO AREA-Con.
Montreal Area—  Montreal Area—  Shawinigan Falls  Thrue Rivers  Sorel  Montreal  St. Hyacinthe  Shelvrooke  St. John's  Valleyfield  Coaticook  Beebe Junction  Mansonville  At Armand  At Armand  At Armand	OTTAWA AREA—  16 Ottawa 17 Hull 18 Cornwall 19 Morrisburg 20 Prescott 21 Brockville  Kinoston Abea— 22 Gaminoque 23 Kingston 24 Napanee 25 Deseronto 26 Pieton 27 Belleville 28 Trenton Tomonto Abea— 29 Colourg 30 Port Hope	32 Oshawa 33 Whithy 34 Toronto 35 Peterboro 36 Lindsny 37 Orillin 38 Port McNicoll 39 Midhand 40 Parry Sound 41 North Bny 42 Sudbury 43 Collingwood 44 Owen Sound 45 Guelph 46 Kitchener 47 Galt 48 Paris 49 Brantford	51 Simcoe 52 St. Catharines 53 Niagara Falls 54 Welland 55 Bridgeburg  Windson Area— 56 Stratford 67 Woodstock 58 Ingeraoll 59 Tilkonburg 60 London 61 St. Thomas 62 Goderich 63 Sarnia 64 Wallaceburg 65 Chathan 66 Amberstburg
10	31 Bowmanville	50 Hamilton	67 Windsor

Table 8.—Imports of Coal and Coke into Canada by Ports of Entry, 1931

		Antl	iracite			*Bitu	minous			C	oke	
Port of entry	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date
NOVA SCOTIA-												
(a)-From U.S.— Port—												
Amherst	-	-	-	-	_	-		-	50	-	-	388
Antigonish	-	-	-	_	-	-	-	_	-	_	_	_
ArichatBaddeck	-	-		_		-	_		-	~	-	-
Barrington Passage.	-	-			-	-	-	-	~	-	-	-
Bridgewater Canso	-	***	678	678	_	-	-	-	-	-	-	_
Digby	-	-	-	-		-	-			-	-	-
Glace Bay Halifax			789	1,962	-	_	-	2,175	31:	-		90
Kentville	_	887		887	-	-	-		-	_		_
Lockenort	-	-	-	-	-	-	-	-	-	-	-	
Lamenberg		656	_	656	_	-	-	_	31	-	-	91
New Glasgow	-	***	110		-	-	-	-	~	31		61
North-Sydney Parraboro	-	_		-	-	_	-	-	-	_	_	
Picton		-	100		7	-	-	-	-	-	-	-
Port Hawkesbury Port Hood	-	-		-	-		-	-		-	-	-
Shelburne Sydney	-	~	_	-		_		-		_	-	_
Truro		~	-		-	-	-	-	-	-	-	-
Weymouth Windsor	342		-	342	-	_	-		90 90	-	-	-
Yarmouth	1,860	930	-	4.720		-	-	- 1-	-	-	-	~
Total	2,303	2,473	1,467	9,045	-	-	_	2,175	131	31	-	630
(b) From G.B.—												
Port— Halifax	2,912	3,247	1,799	21,547	3,022	1,996	2,755	24,129	-	-		3,733
Yarmouth		-	1,395	1,395 1,446	_	_	-	-	-	_	_	
Total	2,912	2,747	3,194	24,388	3,622	1,396	2,753	21,129	-	-		3,728
Total	5,114	4,720	4,661	33,633	3,022	1,996	2,755	26,361	121	31	-	4,363
CENTRAL ONTARIO-												
(a) From U.S.— Port—												
Amherstburg	275 997	1,013 702	1,018	7,230 8,980	2,545 12,683	2,630 15,482	4,479	18,9°3 76,224	26 147	36 146	222 39	1,006
Belleville Bowmanville	469	353	439	3,692	446	451	10,673	4,345	26	-	87	681
Brantford Bridgeburg	1,378 3,855	1,392	2,465	23,153 41,049	2,355 1,734	2,292	2,343	30,673 45,617	227	62 59	278 30	2,930 647
Brockville.,	102	921	575	14,676	102	2,598	1.375	7.668	2,063	-	44	2,193
Cobourg	75 764	265 511	344 1.246	1,565 7,631	56,708 41,381	36,297 16,038	49,568	276,146 246,761	82 155	511 59	1,132	4,330 1,915
Collourg	378 299	256 462	564 883	4,421	1,016	257 940	229 959	4,635 8,015	-	21	141	1,341
Cornwall	200	402	000	5,853	1,084	-	-	-		-	-	-
Fort Frances	2,679	1,146	1,502	16,561	6,489 2,362	4,678 1,893	5,351 1,742	43,274 27,311	613	391	521	5,447
Сапаподие	183	44.	356	2,881	42	75	90	2,718	97	68		323
Goderich,	2,055 3,131	1,037	1,423	14,026 22,731	3,136 2,516	1,046 2,501	2,525 2,548	26, 126 37, 168	132 345	312 246	605 452	2,791 4.654
Hamilton	8,032 744	6,854	9,313	93,209 4,612	129,404 658	290,538	172,007 594	935,383	517 32	1,020	808	9,494 366
Kenora	-		411	-	-	579	-	26		-	- 0 *	-
Kingston	6.008	6,337 2,517	2,822	26,936 24,129		3.410 4.585		32,576 54,082	54 409	507	586	789 5,914
Lindsay	1,026	771	789	6,702	713	755	668	7.610	340	145	114	1,609
London	5,069	5,440 227	5,139	54,355 2,565	4,266	3,437 9,299	4,304	48,435	1,372 3,238	1,216	2,065 43	19,052 3,532
Morrisburg	563 444	125 630	183 513	2,583	1,431	1,377	1.205	337 11,730		27	-	37 252
Napanee	2,268	2,283	3.026	4,878 41,207	13,557	13,917	12.443	284,378	258	593	690	11,854
North Bay	1,136	443 430	1,105	7,058 8,032	3,111 1,234	2,168 695	2,240 705	26,995 11,395	31 42	36 32	136	359 816
Oshawa	1,973	011	1.277	14,945	3,546	956	304	23,035		37	35 748	13,703
O''awa Own Sound	3,687 454	5,582	8, 189 327	66,226 2,978	9,488	5,457 1,228	6,819 4,354	77.257 10,3(5	65 62	218	551	3.018 1.792
Paris. Parry Sound	538 59	327	427 32	5,562 1,115	1,017	688 8,821	824	9,047 224,178	-	-	-	186 18
Peterboro	2,021	1,763	2,007	21.407	2,274	2,983	2,289	31, 225	136	191	213	2,635
Port Hone Port McNicoll	462 701	390 583	1,516	5,972 6,056	839 806	895 556	473 780	4,093 6,487	25 180	48 66	73 142	432 1,442
70 . 20 221 23		-	_	67		5,365				_	-	-

Table 8.—Imports of Coal and Coke Into Canada by Ports of Entry, 1931—Continued.

				-	STRUKE IO							
20		Anth	racite			*Bitu	minous			(	'oke	
Part of entry	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date
Central Ontario Con I d.d. Prescott. St. Catharines. St. Thomas. Sarnis. Sault Ste. Marie. Simcoe. Stratford. Sudbury. Tilisonburg. Toronto. Trenton. Wallacoburg. Welland. Whithy. Windsor. Woodstock.	287 4,708 1,379 200 	714 1,721 1,259 2,090 234 2,068 304 106 27,764 1,555 28 1,952 932 1,013 1,784	350 2,818 731 1,276 863	8, 440 20, 294 10, 389 2, 751 3, 115 1, 801 28, 276 5, 919 1, 340 480, 124 4, 427 17, 908 7, 908 10, 147 13, 877	882 4,606 222 26,405 70,333 944 194 62,633 401 41,079 2,092	13, 796 10, 951 15, 264 123, 076 1, 784 5, 172 3, 35 30, 978 74, 008 1, 684 4, 945 61, 499 192 44, 100 2, 538	19,545 12,910 130,137 1,611 4,271 373 19,231 101,708 1,413 7,500 73,648 95 71,538 1,848	537,779 89,557 103,871 106,630 354,102 9,482 42,384 5,312 180,447 808,100 14,575 13,601 376,573 3,380 433,524 18,161 5,\$18,274	711 1,764 211 - 613,64 15,801 - 36 14,531 28 3,993 203	- 567 1,307 278 31 283 34,437 29 225 6,777 3,353 90	733 2,055 424 - 133 427 56 34,0 55 389 5,696 3,46 256	9,648 14,643 4,112 -445 4,370 425 44,383 336 94,498 587 40,964 1,829
(b) From G.B.—												
Port - Toronto		175	-	1,699	-	_	~	_	-	_	-	
Total		175	-	1,699	-		-	100	_	-	-	-
Tota'-Central Ontario	138,991	90,930	104,029	1, 198, 543	766, 469	900,097	905,029	5,919,274	48,621	53,413	58,452	487,859
HEAD OF LAKES— (a) From U.S.— Port— Fort William Port Arthur	-	-	000	5,983			48,728	86,510			1,803	68,771 83 68,854
Total H. of Lakes				5,983	6,091	237, 279	102,700	061,710			1,000	40,098
TotalOntario United States Great Britain	138,991	90,755 175		1,202,827 1,699	772,520	1,137,376	1,069,795	6,446,986	48,621	53,453	6),255	556,713
Total	138,991	90,930	101,029	1,204,526	772,520	1,137,376	1,069,795	6,446,986	48,621	\$3,453	69,255	556,713
Manifosa— (a) From U.S.— Port—									0.0			
Brandon	_	-	44	66	-	-	-	375	23	-	-	49
Portage la Prairie	-	36	96	2,418		379	-	29 - 5,571	2,679	1,206	782	9,871
Winnipeg		36			617			-		1,206		
Saskatchewan— (a) From U.S.— Port— Moose Jaw North Portal. Prince Albert. Regina.		4.4		100	- 69 29 81	-	29 33	(a) 174 334 94 264				
Saskatoon	-	-	-	-	35	-				-		-
Total		-	-		214	130	121	(a) 1,384	**			
(a) From U.S.—												
Calgary	-	-	-	-	39	116	40 72		-	-		-
Lethbridge Modicine Hat.,,	-		-	-	-		-	33		-		
Total	-	11 -	-	-	113	110	112	875	-	-	-	-
P. E. ISLAND— (a) From U.S.— Port—						9.000		0.441			20	32
Charlottetown	-	-	668	1,271		3,068	-	3.147	-	-	32	- 02
Total	-	-	669	1,271	-	3,968	-	3,147	-	-	33	32

Table 8.—Imports of Coal and Coke into Canada by Ports of Entry, 1931—Continued
(Short tons)

Port of entry		Ant	hracite			*Bit	uminous			Ce	oke	
1 ort or enery	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date
P. E. ISLAND— Concluded. (b) From G.B.— Port—												
Charlottetown Summerside	-	1,124	2,848	3,563 2,848	-	1,833	-	1,833	-	-	9 -	-
Total	-	1,124	2,848	6,411	***	1,833	-	1,833	-	-	-	-
Total	-	1,124	3,516	7,682	-	4,901	-	4,980	-	-	32	32
New Brunswick— (a) From U.S.— Port— Pathwest								24				
Rathurst	_	-	-		-	-	_	34	I	_	-	_
Chatham	-	-	-	159	41	_	-	24: 41	-	_		_
McAdam Jet Moneton	_	-	_	119	-	_	_	-		-	31	31
Newcastle Sackville		_	-	BA die			_	-	***	64	30	284
St. Andrews	5 400	7	43	186	-	-	-		-	910		-
St. Stephen	3,432	2,101 187	2,186 139	27,077 640	700 1,887 34	450 21	377 22 -	23,762 2,287 70	31	107	29	409
Total	3,437	2,215	2,368	28,181	2,862		399	26,252	31	171	90	724
(b) From G.B.—												
Port— Campbellton St. John St. Stephen	933 1,920	2,254 27	2,016 151	933 27,436 178	-	1,680	4,356	6,106	-	-	_	-
Total	2,853	2,231	2,167	28,547	-	1,630	4,356	6,196	-		_	_
Total	6,230	4,576	4,535	56,728	2,662	2,151	4,755	32,358	31	171	90	724
QUEBEC— (a) From U.S.— Port—												
Abercorn	9,137	5,455	6,809	61,297	3,047	2,802	3,092	41,911	-	- 26	-	672
Reelse Junction	-	-	-		-			-	-	-	-	
Chicontimi	_	_	_	1,539	32	5,305	-	6.976 48	5,458	29	29	6,016
Drummondville, Gaspe	296	_		71 296	420	-	_	234 420	-			30
Granby. Highwater	-	-	-	-	71	-	71	254	-	-	-	-
Hull	559	447	617	3,612	281	296	6,933	10, 191	-	-	-	_
Lake Megantio Mansonville	_	-	_	_	-		-	_	_	-		-
Montreal Paspebiao	1,174	1.449	3,343	11,912	75,062	71,970	83,024	436,692	141	408	178	3,702
Percé Port Burwell					_	-	-	-	***	-	-	-
Quebec	2.764	2, 195	4,373	22,057	10,000	13,395	9.540	49,071	-	30	-	241
Rock Island	76 76	31	280 106	1,683 974	183	73 148	94 8	1,189 632	-	-	-	98
St. Hyacinthe	-	45	-	327	49	51	135	600	-		-	5
St. John's	31,310	-	36,076	261.787 173	7,950 101	8,069 42	11,185	92,937	29	31 28	31	160 3,502
Sherbrooke	2,419	2,527	3,549	21,932	472 2,066		329 5,503	5,273 13,345	31 32	32		302 400
Sutton	1,553	-	-	1.805	-	-	2	23	-		-	-
Three Rivers Valleyfield	362	270	789	3.062	22,845 414	8,004 207	19,011 634	58,498 3,386		122		2,594 28
Total	49,749	34,353	55,976	395,999	122,995	110,818	139,609	722,614	5,691	786	238	17,750
(b) From G.B.—		0.00			THE				7		140	
Chicoutimi	4,469 114,624	3.914	64,533	8,383 510,501	7,827	2,301	6, 160	19,618	-	-	-	22
Quebec	11.010	3,016	27,772	60,271	307	4,196	1,686	14,102	-	-	-	
Three Rivers		1,894	-	4.478	201	2.926	-	2.926	-	-	-	_
Total	130, 103	52,709	92,305	583,633	8,134	9,423	7,899	37,650	-	-	-	22

Table 8.—Imports of Coal and Coke into Canada by Ports of Entry, 1931—Concluded
(Short tons)

		Antl	racite			*Bit	uminous				Coke	
Port of entry	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date
Quenec-Concluded. (c) From Germany-												
Port— Montreel	4,414	12,406	13,203 2,759	41,394 6,119	_	9 -	-	1 =	-	-	~	_
Total	4,414	12,406	15,962	47,513	_	-	-	-	_	-	-	-
Total	184,266	123,468	164,243	1,027,145	131, 129	129,241	147,598	759,664	5,691	706	238	17,772
	====:		: 0000000000000000000000000000000000000									
(a) From U.S.— Port—	34											
Abbotsford	-				-	-	4	73	-	-	-	
Cranbrook	-	_		_	-		-	-			-	-
Grand Forks		-	-		0.0	-	-	_		-	-	-
Greenwood		_	-	_	-		-	_	-		_	_
Nelson	-	-	-	-	b 65	-	n 95		-	0.0	-	-
New Westminster	-	-	-	0-	53	_		0 274	-		-	33
Prince Rupert	-	-	_		35	37	-	141	-	-	_	-
Revelstoke	-	-			-	-	-	30	-	-	-	-
Rossland		_	_	_	f 265	_	g 349	h 5,035	-	-	_	127
Victoria	-		81	-	35	i 184		i 287	-	-	-	-
Total	-		-		j 453	k 201	1 448	m 6,145	_	-	-	160
(b) From Germany-		77										
Vancouver	-	-	-	-	-	-	-	-	394		-	1,402
Total		-	-	_	-	_		-	394	-	-	1,402
(c) From G.B.—												
Port- Vancouver	-	-		err dire	_	-	_	-	_	116		110 116
Total		-	-	-	-	-	-	-	-	116		226
Total	-	-	-	-	j <b>45</b> 3	k 201	1 448	m 6,145	394	116	_	1,788
YUKON- (a) From U.S												
Dawson	-		_		-4		-	10	-		-	-
Total	-				4		-	10	-	-		-
Canada — United States Great Britain Germany	135,868	88,536	164,648 100,514 15,962	1,610,017 641,678 47,513	n 899,378 11,156	1,252,568 14,932	1,211,116 15,010	7,215,563 69,118	57, 166 394	55,567 116	61,397	585, 629 5, 157 226
Total	331,661	230,854	281, 124	2,332,298	m 910,734	1,267,500	1,226,126	7,284,681	57,560	55,683	61,387	591,012

<sup>•</sup> Lignite coal imports are included in the figures for bituminous coal. The following notes show the quantities of lignite so included in each lettered item.

a 15 t b 30 t c 45 t d 185 t	ons f	144 153 317 4.180	tons	ξ	163	tons tons	0		tons
d 185 t	ons h	4,180	tons		362	tons	þ	362 4 897	

Table 9.- Imports of Coal into Canada by Kinds and by Provinces, 1931.

		Third C	unrter		Nine Months ending September 30, 1931				
Province	Anth	racite	77.4		Anthr	acite			
	Egg, Nut, etc. Dust		Bitumi- nous	Lignite	Egg, Nut, etc.	Dust	Bitumi- nous	Lignite	
P.E. Island United States Great Britain	668 3,972		3.068 1,833	-	1,271 6,411	-	3,147 1,833		
Nova Scotia United States Great Britain	6,142 8,353	-	7,778	-	9,245 24,388	-	2,175 24,129	=	
New Brunswick United States Great Britain	7,880 7,301	220	3,532 6,036	-	27,915 28,547	266 _	26,252 6,106	-	
Quebec	110,970 304,306 32,782	29, 108 811 -	373,422 25,456	-	306,873 582,822 47,513	89, 126 811	722,614 37,050	=	
Central Ontario United States Great Britain	302,531 175	31,244	2,571,595	2	1.090,253 1,699	106,591	5,919,274	-	
Head of Lakes United States	-	-	408.096	-	5,983	-	527,712	-	
ManitobaUnited States	92	84	1,638	-	1,559	935	5, 975	-	
Saskatchewan United States	-	-	464	-	-	-	1,369	1	
AlbertaUnited States	-	-	341	-	-	-	875	-	
British Columbia, United States	-	-	394	708	-	-	1,473	4.67	
Yukon United States	-	-	4	-	-	-	10	-	
CANADA United States.	428,283	60,656	3,362,554	708	1,443,099	196,918	7,210,876	4,68	
Great Britain	324,107	811	41,098	-	643,867	911	69,118	-	
Germany	32,782	-	-	00	47.513	-	-	-	
Total	785,172	61,467	3,403,652	708	2, 131, 479	197,729	7,279,984	4,68	

Table 10.-Exports of Canadian Coal and Coke by Ports of Exit, 1931.

English of		Bitur	ninous		Lignite				Coke			
Port of exit	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date	July	Aug.	Sept.	Year to date
Nova Scotia-												
Helifax North Sydney Sydney	4.846 14,906	10,585 4,400	11,128 193	50 53,010 57,413	6 1 1	-	-	-	280	3	-	280
Total		14,965		119,473		-	-	-	286	1	-	291
NEW BRUNSWICK— St. John	7,742	6,195	118 638	4,705 39,129	40	-		1	-	2 6	-	1
Total	7,742	6,195	756	43,834	-	-	-	-		-	_	1
QUEBEC-Athelstan	-	-	-	All All	-			-	-	-	-	- 2
Conticook Lake Megantic Montreal	_	-	-	-	-	-	-	-	- 8	220 5	27 20	34
St. John's	3	-	-		-	-	-		32	_		6
Total.,			-	_		e-	-	-	40	225	47	52
ONTARIO— Fort Frances Sault Ste, Marie		-	-	21	-	-		38	5	-	5	10
Total	-	-	_	21	_	-	-	\$8	5	~	5	10
Mantrona— Brandon Emerson Greina	-	2	1 1 1	47	-	1111	62	67 187 170	1111	1 8 9 1	1 1 1 1	4
Winnipeg	_	2	-	54	-	-	62	434				
Sabratchewan— Moose Jaw	-	-	-	1	54	10	30 366	108	-	-	-	
North Portal		=	-	-	~	-	200	34	-		-	
Total	_	-		1	54	10	296	1,175	-		-	
ALBERTA-		2	-	64	-	65	123	446	40	_	-	
Total	_	2	-	64	-	65	123	446	-	-	-	
BRITISH COLUMBIA— Abbotsford		-	-			-		-	16		-	1
Cranbrook	2,225 955			21,315 20,811		289	2,338	9.517	205 890		621 857	8,4
Nanaimo. New Westminster.	4,647	2,750		49,101	-	-	-	-	-	-	1 -	
Penticton Prince Rupert Vancouver	-	- 8	1 1	139	-	46	-	294	1 1 1	-	-	
Total	7,827	5,842	10,414	91,36	221	335	2,338	9,844	1,121	2,992	1,478	15,6
Total for Canada	35,321	27,620	22, 491	245,813	281	410	2,919	11,927	1,446	3,218	1,530	16,5

# COKE STATISTICS FOR CANADA

July, August, September, 1931

Production of by-product and gas-house coke in Canada during the months of July, August and September, 1931, amounted to 396,456 tons, a decline of 26 per cent from the corresponding total of 534,013 tons during the third quarter of last year. Comparative figures of production for the first and second three months of this year were 515,265 tons and 493,318 tons, respectively.

Compared with the figures for the corresponding period of a year ago, data for the three months being reviewed showed a lower output for all producing areas. In the eastern provinces production fell off to 123,701 tons from 162,273, imports to 7,111 tons from 18,385, while exports advanced to 593 tons from 43 tons. In Ontario the output declined sharply to 229,309 tons from 327,762 tons, imports to 129,957 tons from 245,327 tons, and exports to 10 tons from 78 tons. In the western provinces production was fairly steady at 43,446 tons as against 43,978 tons, while imports advanced to 5,200 tons from 4,777 tons and exports fell off to 5,591 tons from 7,004 tons.

Statements on the disposition of coke by the makers showed an abrupt decline in the tonnage consumed by the producing companies' associated smelters to 112,605 tons from 184,342 tons, while sales advanced slightly to 199,697 tons from 194,360 tons, and the tonnage used in coke plants remained steady at 65,559 tons, as against the 71,420 tons reported for this purpose in the third quarter of last year.

During July, August and September 132,358 tons of Canadian coal and 425,917 tons of foreign coal, or a total of 558,275 tons of bituminous coal were carbonized to produce 396,456 tons of coke, giving an average yield of 1,420 pounds of coke for each short ton of coal charged. During the third three months of last year the yield for each ton of coal charged was reported at 1,474 pounds.

The apparent consumption of coke in Canada, as calculated by deducting the exports from the sum of the production and the imports, amounted to 532,530 tons during the period under review.

Coke charged to iron blast furnaces in Canada during July, August and September of this year totalled 84,228 tons.

### Coke Production in Canada, by Months, 1931

		ninous conl			Disposition of coke by makers						
Month	for coke making			Coke	Use	d in	Sold to	Sold for			
	Canadian	Imported	Total	made	Makers' coke plants	Makers' smelters	other smelters	domestic use, etc.	Total		
January. February Murch April Muy June July August September October November	56,842 57,262 52,383 47,566 43,605 42,744 42,360 47,254	178,041 189,455 178,039 181,417 169,552 149,940 143,972	231, 882 234, 883 246, 717 230, 422 228, 983 213, 157 152, 684 186, 332 179, 259	170, 885 165, 255 179, 125 169, 098 169, 254 154, 966 138, 830 132, 017 125, 609	27, 422 25, 316 27, 307 23, 844 24, 916 22, 652 19, 892 21, 570 24, 097	59,660 69,718 60,610 58,504	6,870 6,922	122,176 97,024 52,777 31,874 41,999 47,135 50,592	230,811 214,02; 290,97; 145,03; 120,80; 121,09; 119,92; 123,46; 134,470		
Total	450,862	1,497,457	1,948,319	1,405,039	217,013	470,841	75,753	647,055	1,410,66		

Coke	used	in	iron	blast	furnaces	in.	Canada,	1931:
							70	

July August September	24.799	Total—First quarter Second quarter Third quarter
Total, 3rd quarter	84,228	Year to date

... 397,225

Production in Canada, Imports, Exports and Apparent Consumption of Coke, by Provinces, 1930 and 1931

Province	Produ	ction	Impo	rts	Expo	rts	Appurent consumption		
	1930	1931	1930	1931	1930	1931	1930	1931	
NOVA SCOTIA, NEW BRUNSWICE AND QUEBEC- July	51,680	42 207	13.052	5.843	12	320	64,720	47.820	
August September	57, 204 53, 389	42,297 41,139 40,265	1,368	908 360	30	226 47	58.571 57,324	41,821 40,578	
Total-First quarter	189,072	156, 104	8,168	10,380	239	216	197,001	166,268	
Second quarter	162,670	150,904	17,131	5,400	696	26	179,105	156,278	
Third quarter	162,273	123,701	18,385	7,111	43	593	189,615	139,219	
Year to date	511,015	439, 709	43,684	22,891	978	835	556,721	452,765	
Ontario— July August September.	116,947 109,626 101,189	82,345 70,032 70,932	75,740 94,492 75,095	48,621 53,453 60,255	27 51	5	192,687 204,091 176,233	130,961 129,485 131,182	
Total-First quarter	413,623	306,332	276,854	219,096	127	91	689,750	525,337	
Second quarter	499, 881	399,558	236,762	175,298	86	5	645,697	475,841	
Third quarter	327,762	223,300	245,327	162,329	28	10	573,011	391,638	
Year to date	1,149,866	836, 199	758,883	551,713	201	106	1,908,458	1,392,800	
Manitoba, Sabratchewan, At- berta and British Columbia— July August September	13,491 15,005 15,482	14, 188 14, 846 14, 412	1,921 1,244 1,612	3,096 1,322 782	2,563 1,859 2,582	1, 121 2, 992 1, 478	12.849 14.390 14.512	16.163 13.176 13.710	
Total-First quarter	59,880	52,829	7,565	3,516	7,630	7,325	59.815	49,620	
Second quarter	44,152	41,858	1,711	2,692	5,319	2,731	49,584	41,817	
Third quarter	43,978	43,446	4,777	5,200	7,004	5,591	41,751	43,053	
Year to date	139,658	138,131	14,653	11,408	19,953	15,647	133,150	133,892	
Canada— July	182,118 181,835	138,830 132,017	90,713 97,104	57,560 55,683	2.575 1.887	1,446 3,218	270,256 277,052	194.944 184.482	
September	170,060	125,609	80, 672	61,357	2,663	1,530	248,069	185,476	
Total—First quarter	652,975	\$15,265	292,587	232,992	7,996	7,632	937,566	740,625	
Second quarter	615,943	493,318	255,544	183,380	6, 101	2,762	865,386	673,936	
Third quarter	534,013	396,456	268,488	174,640	7,125	6,194	795,377	564,902	
Year to date	1,802,931	1,405,033	816,629	591,012	21,222	16,588	2,598,329	1,979,463	



# LIST OF PUBLICATIONS

PREPARED IN THE

# MINING, METALLURGICAL AND CHEMICAL BRANCH DOMINION BUREAU OF STATISTICS

STATISTICS OF MANUFACTURES—based chiefly on minerals.

General reports on the sections of manufactures covered by the Mining, Metallurgical and Chemical Branch are issued as follows:—

Annual Printed Reports-

Iron and Steel and Their Products: Pig Iron and Ferro-Alloys—Steel and Rolled Products — Castings and Forgings — Boilers, Tanks and Engines — Agricultural Implements — Machinery — Automobiles—Auto Accessories—Bicycles—Railway Rolling Stock — Wire and Wire Goods — Sheet Metal Products — Hardware and Tools — Miscellaneous Iron and Steel Products.

Manufactures of Non-Ferrous Metals: Aluminium Products—Brass and Copper Products—Lead, Tin and Zinc Products—Jewellery and Silverware—Electrical Apparatus and Supplies—Miscellaneous Non-Ferrous Metal Products—Non-Ferrous Smelting and Refining.

Manufactures of Non-Metallic Minerals: Aerated Waters—Asbestos Products—Cement—Cement Products—Coke and Gas—Glass (blown, cut, ornamental, etc.)—Lime—Petroleum Products—Products from Domestic Clays—Products from Imported Clays—Salt—Sand-Lime Brick—Stone Dressing—Artificial Abrasive and Abrasive Products—Miscellaneous Non-Metallic Mineral Products, including (a) Artificial Graphite and Electrodes, (b) Gypsum Products, (c) Mica Products, (d) Magnesite Products, (e) Non-Metallic Mineral Products, n.e.s.

Chemicals and Allied Products: Coal Tar Distillation—Acids, Alkalies and Salts—Compressed Gases—Explosives, Ammunition and Fireworks—Fertilizers—Medicinal and Pharmaceutical Preparations—Paints, Pigments and Varnishes—Soaps and Washing Compounds—Toilet Preparations—Inks, Adhesives—Polishes and Dressings—Flavouring Extracts—Wood Distillation—Miscellaneous Chemical Products, including (a) Paking Powder, (b) Boiler Compounds, (c) Flastics, (d) Insecticides, (e) Sweeping Compounds, (f) Disinfectants, (g) Matches, (h) Dyes and Colours, (i) Chemical Products, n.e.s.

Annual Bulletins.—In addition to the foregoing printed reports, a series of bulletins is issued annually, each of which presents the principal statistics relative to production: (a) in a particular industry, e.g. Automobiles—Petroleum Products, etc., (b) in each of the four main groups of industries. These are published in mimeograph form from time to time during the year as the necessary material becomes available.

Monthly-

Production of Iron and Steel in Canada.

Coal and Coke Statistics for Canada.

Automobile Statistics for Canada.

### SPECIAL REPORTS.—

Report on the Consumption of Prepared Non-Metallic Minerals in Canada.

Report on the Consumption of Mine and Mill Materials in Canada.

Report on the Consumption of Coke in Canada.

Annual Summary Report on the Mineral Industry and the Manufacturing Industries
Related Thereto.

The Fertilizer Trade of Canada.

SEE INSIDE FRONT COVER FOR PUBLICATIONS ON THE MINERAL INDUSTRY.