

COKE.—TABLE 4.
Imports of Oven Coke, 1880-1909.

Fiscal Year.	Tons.	Value.	Fiscal Year.	Tons.	Value.
		\$			\$
1880.....	3,837	19,353	1895.....	43,235	149,434
1881.....	5,492	26,123	1896.....	61,612	203,826
1882.....	8,157	36,670	1897.....	83,330	267,540
1883.....	8,943	38,588	1898.....	135,060	347,040
1884.....	11,207	44,518	1899.....	141,284	362,826
1885.....	11,564	41,391	1900.....	187,878	506,839
1886.....	11,858	39,756	1901.....	308,786	690,138
1887.....	15,110	56,222	1902.....	267,142	842,815
1888.....	25,487	102,334	1903.....	256,723	222,756
1889.....	29,557	91,902	1904.....	221,050	765,123
1890.....	36,564	133,344	1905.....	371,503	807,842
1891.....	38,533	177,606	1906.....	480,222	1,311,375
1892.....	43,499	194,429	1907*.....	400,536	1,132,680
1893.....	41,821	156,277	1908.....	619,269	2,166,036
1894.....	42,864	176,996	1909†.....	466,292	1,136,624

* For nine months only. † Duty free.

Coke is manufactured from coal mined in five of the coal basins in Canada, viz., the Sydney field, the Pictou field, both in Nova Scotia; the Frank-Blairmore field in southwestern Alberta; the Crowsnest field in East Kootenay, and the Comox field on Vancouver island, both of the latter in British Columbia.

The following table shows the proportionate yield in coke from the coals in the various fields charged into the ovens. These percentages of coke produced relatively to the coal charged have been compiled from the returns of the last five years:—

Year.	Sydney Field.	Pictou Field.	Frank-Blairmore Field.	Crowsnest Field.	Comox Field, Vancouver Island.
1905.....	62·90	50·22	65·14	64·38	49·61
1906.....	63·65	53·41	66·74	62·29	38·90
1907.....	64·22	54·81	65·36	63·97	49·10
1908.....	66·42	55·81	58·92	65·08	49·73
1909.....	65·24	59·17	66·96	67·67	58·26
Average.....	64·60	53·02	64·47	64·70	51·32

The average has been computed from the total coal charged during the five years, and the total coke output resulting.

In the Sydney field the ovens used are all by-product ovens, whereas the coal of the Pictou field is made into coke in beehive ovens. We may here mention that a certain amount of Springhill coal, Cumberland field, is mixed with this coal, which it has not been possible to separate to calculate the yield in coke.

In the Blairmore field both Belgian ovens and beehive ovens are used. On Vancouver island the coke is made in beehive ovens.

It may be interesting to point out that in this last field, only the fine screenings are used in the manufacture of coke. This coal is thoroughly washed before being charged into the ovens, and the refuse resulting from this treatment often amounts to 50 per cent. This refuse is rejected, and only the washed coal is charged into the ovens. The yield is computed from the quantity of washed coal.