



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

JUL 21 1959

Price: 25¢ per copy

SCRAP IRON AND STEEL, 1958

Consumption of scrap iron and steel in Canadian industry totalled 2,945,315 net tons in 1958. Steel furnaces used 2,112,355 tons; iron foundries used 605,000 tons; iron blast furnaces used 126,239 tons; steel rolling mills, 64,913 tons; ferro-alloy furnaces, 18,152 tons; abrasive furnaces, 11,000 tons and other industries, 7,656 tons. About 41 per cent of the total, or 1,221,782 tons, was home scrap and about 59 per cent, or 1,723,246 tons, was purchased scrap.

Imports of scrap iron and steel amounted to 289,721 tons in 1958 and exports totalled 387,147 tons.

Table 1 - Scrap Iron and Steel Used, 1954-1958

Year	In iron blast furnaces	In steel furnaces	In ferro- alloy furnaces	In rolling mills	In iron foundries	In artificial abrasives furnaces	TOTAL*
1954 ..	82,399	1,629,866	16,685	75,992	529,000	16,169	2,357,722
1955 ..	125,845	2,366,107	27,100	95,012	647,000	15,988	3,285,402
1956 ..	173,914	2,865,563	36,895	106,575	690,000	14,452	3,896,992
1957 ..	179,629	2,625,963	29,043	101,670	598,000	16,654	3,560,767
1958 ..	126,239	2,112,355	18,152	64,913	605,000	11,000	2,945,315

* Includes 7,611 tons used in miscellaneous industries in 1954; 8,350 tons in 1955; 9,593 tons in 1956; 9,333 tons in 1957 and 7,656 tons in 1958.

Table 2 - Scrap Iron and Steel Used, 1954-1958

Year	Purchased	Own make	TOTAL
1954	1,279,972	1,077,750	2,357,722
1955	1,923,339	1,362,063	3,285,402
1956	2,401,403	1,495,589	3,896,992
1957	2,139,593	1,421,174	3,560,767
1958	1,723,246	1,221,782	2,945,315

Industry and Merchandising Division

6523-519-128



Table 3 - Scrap Iron and Steel Used in Steel Furnaces, 1954-1958

Year	Companies' own make	Purchased	Cost at works of
			Purchased scrap
			(Tons of 2,000 pounds)
1954	968,044	661,822	17,579,528
1955	1,227,403	1,138,704	36,307,334
1956	1,359,339	1,506,224	67,055,699
1957	1,307,068	1,318,895	56,957,262
1958	1,112,744	999,611	32,517,410

Table 4 - Scrap Iron and Steel and Pig Iron Used in Steel Furnaces, 1954-1958

Year	Scrap	Pig iron	Per cent scrap
			(Tons of 2,000 pounds)
1954	1,629,866	1,767,307	48.0
1955	2,366,107	2,554,433	48.0
1956	2,865,563	2,902,367	49.7
1957	2,625,963	2,875,324	47.7
1958	2,112,355	2,610,517	44.7

Table 5 - Scrap Iron and Steel Used in Iron Foundries, 1954-1958

Year	Companies' own make	Purchased	Cost at works of
			purchased scrap
			(Tons of 2,000 pounds)
1954	98,000	431,000	13,678,000
1955	123,000	524,000	16,671,000
1956	122,000	568,000	24,090,000
1957	101,000	497,000	20,220,000
1958	109,000	496,000	18,635,000

Table 6 - Scrap Iron and Steel and Pig Iron Used in Iron Foundries, 1954-1958

Year	Scrap	Pig iron	Per cent scrap
			(Tons of 2,000 pounds)
1954	529,000	267,000	66.4
1955	647,000	333,000	66.0
1956	690,000	385,000	64.2
1957	598,000	309,000	65.9
1958	605,000	252,000	70.6

Table 7 - Scrap Iron and Steel Used in Iron Blast Furnaces, 1954-1958

Year	Quantity	Cost at works
	(Tons of 2,000 pounds)	\$
1954	82,399	856,654
1955	125,845	1,226,914
1956	173,914	3,210,797
1957	179,629	3,432,678
1958	126,239	1,469,057

Table 8 - Scrap Iron and Steel Used in Rolling Mills, 1954-1958

Year	Companies' own make	Purchased	Cost at works of purchased scrap
	(Tons of 2,000 pounds)		\$
1954	11,698	64,294	2,755,794
1955	11,660	83,352	3,455,563
1956	14,250	92,325	4,995,283
1957	13,007	88,663	5,040,536
1958	-	64,913	3,226,756

Table 9 - Scrap Iron and Steel Used in the Manufacture of Ferro-alloys, 1954-1958

Year	Quantity	Cost at works
	(Tons of 2,000 pounds)	\$
1954	16,685	276,812
1955	27,100	594,082
1956	36,895	1,219,143
1957	29,043	925,856
1958	18,152	413,286

Table 10 - Scrap Iron Used in the Manufacture of Artificial Abrasives, 1954-1958

Year	Quantity	Cost at works
	(Tons of 2,000 pounds)	\$
1954	16,169	463,665
1955	15,988	391,830
1956	14,452	485,760
1957	16,654	563,851
1958	11,000	322,766



Scrap

Table 11 - Imports of Scrap Iron and Steel, 1954-1958

Year	Cast scrap		Wrought scrap		Tin plate scrap		Total	
	Tons of 2,000 pounds	\$	Tons of 2,000 pounds	\$	Tons of 2,000 pounds	\$	Tons of 2,000 pounds	\$
1954	41,538	1,158,841	22,674	864,519	935	24,997	65,147	2,048,357
1955	64,994	1,955,997	373,060	12,378,572	834	21,070	438,888	14,773,457
1956	66,281	2,557,701	778,479	38,703,768	1,459	39,997	846,219	41,299,466
1957	47,293	1,568,051	435,669	17,805,053	901	24,560	483,863	19,397,664
1958	59,708	1,792,752	229,697	6,941,168	316	15,321	289,721	9,023,641

Table 12 - Exports of Scrap Iron and Steel, 1954-1958

Year	Quantity	\$
	(Tons of 2,000 pounds)	
1954	559,271	15,868,467
1955	592,727	20,936,387
1956	660,122	30,427,056
1957	684,166	28,619,566
1958	387,147	12,393,580

Table 13 - Stocks of Scrap Iron and Steel Held by Consumers on December 31, 1958

	Tons
Iron blast furnaces	13,890
Steel furnaces	598,419
Iron foundries	81,624
TOTAL	693,933