



DOMINION BUREAU OF STATISTICS

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SCRAP IRON AND STEEL, 1957

Consumption of scrap iron and steel in Canadian industry totalled 3,560,767 net tons in 1957. Steel furnaces used 2,625,963 tons; iron foundries used 598,000 tons; iron blast furnaces used 179,629 tons; steel rolling mills, 101,670 tons; ferro-alloy furnaces, 29,043 tons; abrasive furnaces, 16,654 tons and other industries, 9,333 tons. About 40 per cent of the total, or 1,421,174 tons, was home scrap and about 60 per cent, or 2,139,593 tons, was purchased scrap.

Imports of scrap iron and steel amounted to 483,863 tons in 1957 and exports totalled 684,166 tons.

Table 1 - Scrap Iron and Steel Used, 1953-1957

Year	In iron blast furnaces	In steel furnaces	In ferro- alloy furnaces	In rolling mills	In iron foundries	In artificial abrasives furnaces	TOTAL*
(Tons of 2,000 pounds)							
1953 ..	85,799	2,200,518	28,659	84,020	552,000	24,506	2,984,387
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

* Includes 8,885 tons used in miscellaneous industries in 1953; 7611 tons in 1954; 8,350 tons in 1955; 9,593 tons in 1956 and 9,333 tons in 1957.

Table 2 - Scrap Iron and Steel Used, 1953-1957

Year	Purchased	Own make	TOTAL
(Tons of 2,000 pounds)			
1953	1,744,120	1,240,267	2,984,387
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

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Table 3 - Scrap Iron and Steel Used in Steel Furnaces, 1953-1957

Year	Companies' own make	Purchased	Cost at works of
			Purchased scrap
	(Tons of 2,000 pounds)		\$
1953	1,150,449	1,050,069	36,089,290
1954	963,044	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

Table 4 - Scrap Iron and Steel and Pig Iron Used in Steel Furnaces, 1953-1957

Year	Scrap	Pig iron	Per cent scrap
			(Tons of 2,000 pounds)
1953	2,200,518	2,311,378	48.8
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

Table 5 - Scrap Iron and Steel Used in Iron Foundries, 1953-1957

Year	Companies' own make	Purchased	Cost at works of
			purchased scrap
	(Tons of 2,000 pounds)		\$
1953	79,000	473,000	15,478,000
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

Table 6 - Scrap Iron and Steel and Pig Iron Used in Iron Foundries, 1953-1957

Year	Scrap	Pig iron	Per cent scrap
			(Tons of 2,000 pounds)
1953	552,000	356,000	60.8
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

Table 7 - Scrap Iron and Steel Used in Iron Blast Furnaces, 1953-1957

Year	Quantity (Tons of 2,000 pounds)	Cost at works
		\$
1953	85,799	1,534,963
1954	82,399	856,654
1955	125,845	1,226,914
1956	173,914	3,210,797
1957	179,629	3,432,678

Table 8 - Scrap Iron and Steel Used in Rolling Mills, 1953-1957

Year	Companies' own make	Purchased	Cost at works of purchased scrap
			\$
		(Tons of 2,000 pounds)	
1953	10,818	73,202	3,422,717
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

Table 9 - Scrap Iron and Steel Used in the Manufacture of Ferro-alloys, 1953-1957

Year	Quantity (Tons of 2,000 pounds)	Cost at works
		\$
1953	28,659	870,216
1954	16,685	276,812
1955	27,100	594,082
1956	36,895	1,219,143
1957	29,043	925,856

Table 10 - Scrap Iron used in the Manufacture of Artificial Abrasives, 1953-1957

Year	Quantity (Tons of 2,000 pounds)	Cost at works
		\$
1953	24,506	775,747
1954	16,169	463,665
1955	15,988	391,830
1956	14,452	485,760
1957	16,654	563,851



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Table 11 - Imports of Scrap Iron and Steel, 1953-1957

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	\$
1953	35,680	1,034,588	64,199	2,435,038	299	8,168	100,178	3,477,794
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

Table 12 - Exports of Scrap Iron and Steel, 1953-1957

Year	Quantity	\$
	(Tons of 2,000 pounds)	
1953	410,009	15,877,155
1954	559,271	15,868,467
1955	592,727	20,936,387
1956	660,122	30,427,056
1957	684,166	28,619,566

Table 13 - Stocks of Scrap Iron and Steel Held by Consumers on December 31, 1957

	Tons
Iron blast furnaces	33,089
Steel furnaces	636,473
Iron foundries	83,633
TOTAL	753,195