

## DOMINION BUREAU OF STATISTICS

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SCRAP IRON AND STEEL - 1955

Consumption of scrap iron and steel in Canadian industry totalled 3,285,402 net tons in 1955. Steel furnaces used 2,366,107 tons; iron foundries used 647,000 tons; iron blast furnaces used 125,845 net tons; steel rolling mills, 95,012 tons; ferro-alloy furnaces, 27,100 tons; abrasive furnaces, 15,988 tons and other industries, 8,350 tons. About 41 per cent of the total, or 1,362,063 tons, was home scrap and about 59 per cent, or 1,923,339 tons, was purchased scrap.

Imports of scrap iron and steel amounted to 438,888 tons in 1955 and exports totalled 592,727 tons.

Table 1 - Scrap Iron and Steel Used, 1951-1955

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)							
1951 .....	65,390	2,106,714	38,268	65,086	615,000	19,026	2,918,101
1952 .....	106,754	2,122,270	40,549	62,132	553,000	17,460	2,909,867
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

\* Includes 8,617 tons used in miscellaneous industries in 1951; 7,702 tons in 1952; 8,885 tons in 1953; 7,611 tons in 1954 and 8,350 tons in 1955.

Table 2 - Scrap Iron and Steel Used, 1951-1955

Year	Purchased	Own make	TOTAL
(Tons of 2,000 pounds)			
1951 .....	1,832,905	1,085,196	2,918,101
1952 .....	1,786,866	1,123,001	2,909,867
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

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Table 3 - Scrap Iron and Steel Used in Steel Furnaces, 1951-1955

Year	Companies' own make	Purchased	Cost at works of purchased scrap
	(Tons of 2,000 pounds)	\$	
1951 .....	985,647	1,121,067	35,974,173
1952 .....	1,027,181	1,095,089	38,075,596
1953 .....	1,150,449	1,050,069	36,089,290
1954 .....	968,044	661,822	17,579,528
1955 .....	1,227,403	1,138,704	36,307,334

Table 4 - Scrap Iron and Steel and Pig Iron Used in Steel Furnaces, 1951-1955

Year	Scrap	Pig iron	Iron	Per cent scrap
	(Tons of 2,000 pounds)			
1951 .....	2,106,714	1,837,731		53.4
1952 .....	2,122,270	1,958,258		52.0
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

Table 5 - Scrap Iron and Steel Used in Iron Foundries, 1951-1955

Year	Companies' own make	Purchased	Cost at works of purchased scrap
	(Tons of 2,000 pounds)	\$	
1951 .....	95,000	520,000	17,104,000
1952 .....	92,000	461,000	15,384,000
1953 .....	79,000	473,000	15,478,000
1954 .....	98,000	431,000	13,678,000
1955 .....	123,000	524,000	16,671,000

Table 6 - Scrap Iron and Steel and Pig Iron Used in Iron Foundries, 1951-1955

Year	Scrap	Pig Iron	Per cent scrap
	(Tons of 2,000 pounds)		
1951 .....	615,000	463,000	57.1
1952 .....	553,000	380,000	59.3
1953 .....	552,000	356,000	60.8
1954 .....	529,000	267,000	66.4
1955 .....	647,000	333,000	66.0

Scrap

- 3 -

Table 7 - Scrap Iron and Steel Used in Iron Blast Furnaces, 1951-1955

Year	Quantity (tons of 2,000 pounds)	Cost at works \$
1951 .....	65,390	1,490,248
1952 .....	106,754	2,829,571
1953 .....	85,799	1,534,963
1954 .....	82,399	856,654
1955 .....	125,845	1,226,914

Table 8 - Scrap Iron and Steel Used in Rolling Mills, 1951-1955

Year	'Companies' own make	Purchased (Tons of 2,000 pounds)	Cost at works of purchased scrap \$
1951 .....	5,230	59,856	2,443,950
1952 .....	3,820	58,312	2,543,903
1953 .....	10,818	73,202	3,422,717
1954 .....	11,698	64,294	2,725,794
1955 .....	11,660	83,352	3,455,563

Table 9 - Scrap Iron and Steel Used in the Manufacture of Ferro-alloys, 1951-1955

Year	Quantity (Tons of 2,000 pounds)	Cost at works \$
1951 .....	38,268	1,185,583
1952 .....	40,549	1,401,794
1953 .....	28,659	870,216
1954 .....	16,685	276,812
1955 .....	27,100	594,082

Table 10 - Scrap Iron Used in the Manufacture of Artificial Abrasives, 1951-1955

Year	Quantity (Tons of 2,000 pounds)	Cost at works \$
1951 .....	19,026	581,029
1952 .....	17,460	555,507
1953 .....	24,506	775,747
1954 .....	16,169	463,655
1955 .....	15,988	391,830



Table 11 - Imports of Scrap Iron and Steel, 1951-1955

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	\$
1951 .....	27,827	1,286,889	79,935	2,543,644	1,121	24,073	108,883	3,854,606
1952 .....	46,048	1,500,250	158,734	5,314,687	1,034	25,536	205,816	6,840,473
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	24,999	65,147	2,048,357
1955 .....	64,994	1,955,997	373,060	12,378,572	834	21,070	438,888	14,773,457

Table 12 - Exports of Scrap Iron and Steel, 1951-1955

Year	Quantity		\$
	(Tons of 2,000 pounds)		
1951 .....	39,804		1,615,678
1952 .....	87,788		4,187,183
1953 .....	410,009		15,877,155
1954 .....	559,271		15,868,467
1955 .....	592,727		20,936,387

Table 13 - Stocks of Scrap Iron and Steel Held by Consumers on December 31, 1955

	Tons
Iron blast furnaces .....	1,009
Steel furnaces .....	3,500
Iron foundries .....	83,200
<b>TOTAL .....</b>	<b>87,709</b>