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Memorandum

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IRON CASTINGS AND CAST IRON PIPES AND FITTINGS

(Including steel pipe, tubing and fittings)

Total tonnage of iron castings of all kinds made during September amounted to 59,000 tons, while shipments totalled 48,300 tons.

Pig iron used by iron foundries during the month amounted to 20,800 tons, while consumption of scrap iron and steel totalled 52,900 tons in the same period.

Table 1 - Production and Producers' Shipments, September, 1953 and 1954

	September, 1953		September, 1954	
	Total	Tonnage shipped(*)	Total	Tonnage shipped(*)
	tonnage made, including tonnage made for own use	for use in Canada or for export	tonnage made, including tonnage made for own use	for use in Canada or for export
	(Tons of 2,000 pounds)			
<u>Iron castings -</u>				
(except pipe and fittings) -				
Grey iron (1) .....	47,100	32,600	37,200	25,600
White iron .....	2,900	1,900	1,000	1,700
Malleable iron .....	2,800	2,100	1,400	1,000
<u>Cast iron pipe and fittings -</u>				
Cast iron soil pipe:				
(a) Under 6" inside diameter ...	2,200	2,100	2,700	2,500
(b) 6" inside diameter and over.	600	800	1,100	800
Cast iron soil pipe fittings, all sizes .....	1,400	1,500	1,900	1,600
Cast iron water pipe and fittings, all sizes .....	9,900	11,100	12,200	13,600
Cast iron pipe fittings, other than those reported above .....	900	900	900	900
Malleable iron pipe fittings, all sizes .....	700	600	600	600
Total castings, pipe and fittings.	68,500	53,600	59,000	48,300
Steel pipe and tubing .....	18,800	18,600	24,800	24,700
Steel pipe fittings .....	200	100	300	400

(\*) Not including quantities which were used in the reporting plant to make other products, such as stoves, machinery, etc.

NOTE: (1) Figures for these items represent estimated totals for Canada and are based on reports from iron foundries which account for 85 per cent of the total production, but the figures have been expanded to 100 per cent.

Prepared in the Metal and Chemical Products Section, Industry and Merchandising Division.

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# Iron Castings

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Table 2 - Consumption and Stocks of Pig Iron and Scrap Iron and Steel (Including purchased and recovered in own works), September, 1953 and 1954

	September, 1953		September, 1954	
	Tonnage used in iron foundries during month	Tonnage on hand at end of month	Tonnage used in iron foundries during month	Tonnage on hand at end of month
	(Tons of 2,000 pounds)			
Pig iron .....	27,700	43,700	20,800	25,500
Scrap:				
(a) Iron (1) .....	42,700	46,500	42,700	65,900
(b) Steel (1) .....	8,600	32,900	10,200	31,100

Table 3 - Production and Producers' Shipments, Nine Months Ended September, 1953 and 1954

	Nine months ended September, 1953		Nine months ended September, 1954	
	Total tonnage made, including tonnage made for own use	Tonnage shipped(*) for use in Canada or for export	Total tonnage made, including tonnage made for own use	Tonnage shipped(*) for use in Canada or for export
	(Tons of 2,000 pounds)			
Iron castings (except pipe and fittings) -				
Grey iron (1) .....	447,100	285,900	355,300	227,500
White iron .....	24,500	18,100	17,500	13,200
Malleable iron .....	28,100	19,200	20,400	15,100
Cast iron pipe and fittings -				
Cast iron soil pipe:				
(a) Under 6" inside diameter .....	19,800	16,500	24,300	19,500
(b) 6" inside diameter and over .....	5,600	4,500	6,500	6,600
Cast iron soil pipe fittings, all sizes.	13,500	11,300	14,200	12,800
Cast iron water pipe and fittings, all sizes .....	57,500	65,100	84,300	80,800
Cast iron pipe fittings, other than those reported above .....	8,300	7,500	7,100	6,800
Malleable iron pipe fittings, all sizes.	6,100	5,700	4,900	5,000
Total castings, pipe and fittings ...	610,500	433,800	534,500	387,300
Steel pipe and tubing .....	186,900	175,400	163,800	163,900
Steel pipe fittings .....	2,200	1,700	3,100	3,700

(\*) Not including quantities which were used in the reporting plant to make other products, such as stoves, machinery, etc.

Table 4 - Consumption of Pig Iron and Scrap Iron and Steel (Including purchased and recovered in own works), Nine Months Ended September, 1953 and 1954

	<u>Nine months ended September, 1953</u>	<u>Nine months ended September, 1954</u>
	<u>Tonnage used in iron foundries during period</u>	<u>Tonnage used in iron foundries during period</u>
	(Tons of 2,000 pounds)	
Pig iron .....	256,900	188,600
Scrap: (a) Iron (1) .....	343,900	369,000
(b) Steel (1) .....	86,100	91,900

NOTE: (1) Figures for these items represent estimated totals for Canada and are based on reports from iron foundries which account for 85 per cent of the total production, but the figures have been expanded to 100 per cent.