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CANADA



MISCELLANEOUS METAL FABRICATING INDUSTRIES

1967

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OF MANUFACTURES

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MISCELLANEOUS METAL FABRICATING INDUSTRIES
(S. I. C. 309)

1967

For statistical purposes the industry titled Miscellaneous Metal Fabricating Industries (S.I.C. 309) in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing metal products not elsewhere classified, such as weather stripping, guns, collapsible tubes, machinery fittings, plumber's goods (including enamelled plumbing fixtures), safes and vaults, and forgings such as chains, (except tire chains, see Industry No. 305 - Wire and Wire Products Manufacturers), anchors and axles. Also included are establishments primarily engaged in fabricating bars and rods for reinforcing concrete.

An analysis of the principal statistics for this industry indicates that the following changes occurred between 1966 and 1967. The value of shipments of products of own manufacture decreased by 1.4 per cent, the gross output decreased by 2.8 per cent and the total cost of materials used in products of own manufacture decreased by 5.1 per cent. The ratio of cost of materials used to gross output was 48.6 per cent for 1966 and 47.5 per cent for 1967. The ratio of value added to gross output was 50 per cent for 1966 and 51 per cent for 1967.

Some of the products included in the "all other" category were decorative metal and wire goods, fittings, expansion joints, automotive accessories, flexible tubing, home workshop tools, steel strapping, decorative trim, materials handling equipment, radiators boilers and warm air furnaces.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- P preliminary figures.
- † revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

NOTES TO USERS

See inside back cover

TABLE 1. PRINCIPAL STATISTICS, 1961-67

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
<u>1961</u>													
Totals	331	10,978	22,680	43,993	4,006	95,269	218,745	118,023	94	368	15,249	66,442	122,839
<u>1962</u>													
Totals	338	11,781	24,413	48,550	4,389	108,320	243,538	133,675	88	362	16,283	72,377	137,479
<u>1963</u>													
Totals	343	12,469	26,407	53,212	4,569	123,032	265,142	141,196	89	372	16,627	77,209	147,255
<u>1964</u>													
Totals	384	13,589	28,950	60,482	5,044	145,460	306,095	158,130	108	494	18,088	87,041	164,584
<u>1965</u>													
Totals	422	15,162	32,141	69,706	5,707	179,874	359,758	183,888	96	470	20,017	99,204	192,546
<u>1966</u>													
Newfoundland	2	x	x	x	x	x	x	x	-	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	3	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	3	x	x	x	x	x	x	x	-	-	x	x	x
Quebec	74	2,718	5,888	13,084	813	24,311	55,079	31,205	16	70	3,635	18,836	33,221
Ontario	276	11,059	23,078	53,356	4,284	145,841	289,213	145,228	44	289	14,635	76,596	151,523
Manitoba	14	650	1,403	2,965	189	8,209	17,776	8,727	6	15	889	4,357	9,002
Saskatchewan	5	x	x	x	x	x	x	x	-	-	x	x	x
Alberta	13	174	354	737	41	1,443	3,140	1,673	-	-	215	976	1,745
British Columbia	46	682	1,354	3,501	229	7,269	15,446	7,881	5	20	859	4,812	8,430
Yukon and Northwest Territories ...	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	436	16,259	34,236	78,208	6,153	198,470	401,972	203,712	71	394	21,431	111,422	213,581
<u>1967</u>													
Newfoundland	2	x	x	x	x	x	x	x	-	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	2	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	3	x	x	x	x	x	x	x	-	-	x	x	x
Quebec	73	2,576	5,359	12,079	797	21,997	51,353	29,062	15	67	3,529	18,719	31,314
Ontario	295	10,769	22,273	54,507	4,255	142,772	294,569	146,926	46	298	14,526	80,964	154,007
Manitoba	15	649	1,352	3,119	213	8,469	17,283	9,347	7	25	903	4,735	9,737
Saskatchewan	8	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	14	192	403	896	45	1,920	4,141	2,202	-	-	235	1,191	2,259
British Columbia	49	652	1,327	3,567	226	6,211	13,419	6,997	x	x	828	4,816	7,142
Yukon and Northwest Territories ...	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	461	15,622	32,357	77,784	5,782	188,608	396,399	202,572	74	419	21,007	115,223	212,840

TABLE 2. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1966													
Under \$10,000	13	1	2	3	3	26	82	50	11	27	3	9	50
\$ 10,000 to \$ 24,999	25	26	52	91	12	171	450	279	11	49	41	151	320
25,000 " 49,999	46	93	187	361	38	697	1,747	1,019	25	123	128	509	1,036
50,000 " 99,999	43	179	365	707	51	1,296	3,208	1,858	14	115	238	990	1,944
100,000 " 199,999	65	521	1,075	2,217	246	4,144	9,671	5,471	9	62	713	3,276	5,962
200,000 " 499,999	97	1,429	2,997	6,373	461	15,051	31,358	16,391	1	18	1,845	9,071	17,291
500,000 " 999,999	53	1,482	3,135	6,403	457	19,168	37,260	18,234	-	-	1,957	9,656	19,832
1,000,000 " 4,999,999	76	6,508	13,854	30,864	2,458	90,150	169,879	79,895	-	-	8,748	44,912	85,095
5,000,000 and over	18	6,018	12,567	31,187	2,429	67,766	148,319	80,515	-	-	7,717	42,509	82,063
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	41	340	(12)
Totals	436	16,259	34,236	78,208	6,153	198,470	401,972	203,712	71	394	21,431	111,422	213,581
1967													
Under \$10,000	13	1	2	3	3	22	79	51	11	29	3	9	52
\$ 10,000 to \$ 24,999	30	31	62	108	15	184	512	332	14	60	47	172	379
25,000 " 49,999	45	89	178	349	33	672	1,663	974	24	116	121	482	987
50,000 " 99,999	45	169	340	713	57	1,381	3,281	1,894	13	111	240	1,041	2,058
100,000 " 199,999	73	616	1,271	2,684	220	4,572	11,035	6,364	9	74	844	4,078	6,940
200,000 " 499,999	104	1,515	3,146	6,990	538	16,064	33,694	17,681	3	30	2,018	10,404	18,850
500,000 " 999,999	58	1,609	3,377	7,669	479	21,292	41,648	20,133	-	-	2,111	11,457	21,560
1,000,000 " 4,999,999	77	6,901	14,226	32,970	2,438	84,830	169,874	83,182	-	-	9,348	49,882	87,805
5,000,000 and over	16	4,691	9,755	26,299	1,999	59,590	134,613	71,961	-	-	6,225	37,297	74,230
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	50	400	(21)
Totals	461	15,622	32,357	77,784	5,782	188,608	396,399	202,572	74	419	21,007	115,223	212,340

TABLE 3. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON TOTAL EMPLOYED, 1966 AND 1967

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1966													
Under 5 employed	96	130	262	508	64	1,606	3,605	1,985	53	272	192	786	2,134
5- 14 "	114	709	1,479	3,140	333	9,851	19,302	9,271	15	110	979	4,663	9,585
15- 49 "	134	2,623	5,523	11,768	939	36,326	70,112	34,234	3	12	3,487	17,520	37,273
50- 99 "	40	2,214	4,682	10,963	725	43,775	74,993	30,706	-	-	2,831	15,504	31,440
100-199 "	25	2,327	5,060	10,584	821	32,998	64,924	32,339	-	-	3,267	16,022	33,682
200-499 "	22	5,089	10,708	24,156	1,909	45,483	98,345	52,959	-	-	6,802	34,952	56,905
500 employed and over	5	3,167	6,522	17,089	1,362	28,431	70,691	42,218	-	-	3,832	21,636	42,574
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	41	340	(12)
Totals	436	16,259	34,236	78,208	6,153	198,470	401,972	203,712	71	394	21,431	111,422	213,581
1967													
Under 5 employed	100	129	260	513	68	1,711	3,578	1,852	52	261	192	794	2,008
5- 14 "	127	784	1,623	3,537	303	11,967	23,499	11,520	20	146	1,085	5,369	11,884
15- 49 "	143	2,774	5,790	13,058	1,063	38,533	75,207	36,683	2	12	3,792	20,262	39,395
50- 99 "	38	2,167	4,493	11,211	600	37,748	66,118	28,076	-	-	2,791	16,008	29,183
100-199 "	30	3,087	6,477	14,525	1,254	36,914	77,043	39,424	-	-	4,187	21,915	41,184
200-499 "	19	4,302	8,834	21,563	1,276	40,519	95,176	51,503	-	-	5,995	33,086	55,894
500 employed and over	4	2,379	4,881	13,376	1,216	21,216	55,778	33,515	-	-	2,915	17,389	34,869
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	50	400	(21)
Totals	461	15,622	32,357	77,784	5,782	188,608	396,399	202,572	74	419	21,007	115,223	212,840

TABLE 4. EMPLOYMENT AND PAYROLL, 1966 AND 1967

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
<u>1966</u>															
Newfoundland	x	-	-	-	x	x	x	x	x	x	x	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	-	-	-	x	x	-	-	x	x	x	-	x	-	x
New Brunswick	x	x	-	-	x	x	-	-	x	x	x	-	x	-	x
Quebec	2,546	172	1	-	588	194	100	34	3,235	400	13,084	10	4,814	928	18,836
Ontario	9,575	1,484	33	-	1,934	811	683	115	12,225	2,410	53,356	184	17,403	5,652	76,596
Manitoba	641	9	-	-	150	51	38	-	829	60	2,965	-	1,149	243	4,357
Saskatchewan	x	-	-	-	x	x	x	-	x	x	x	-	x	x	x
Alberta	174	-	-	-	33	7	1	-	208	7	737	-	235	4	976
British Columbia	666	16	-	-	111	45	19	2	796	63	3,501	-	1,170	141	4,812
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	14,575	1,684	34	-	2,975	1,166	845	152	18,429	3,002	78,208	194	26,023	6,997	111,422
<u>1967</u>															
Newfoundland	x	-	-	-	x	x	x	x	x	x	x	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	-	-	-	x	x	-	-	x	x	x	-	x	-	x
New Brunswick	x	x	-	-	x	x	-	-	x	x	x	-	x	-	x
Quebec	2,399	177	14	1	575	198	124	41	3,112	417	12,079	72	5,366	1,203	18,719
Ontario	9,259	1,510	-	-	2,102	882	663	110	12,024	2,502	54,507	-	20,632	5,826	80,964
Manitoba	636	13	-	-	167	55	32	-	835	68	3,119	-	1,396	220	4,735
Saskatchewan	x	-	-	-	x	x	x	-	x	x	x	-	x	x	x
Alberta	x	x	-	-	x	x	-	-	226	9	-	-	x	-	1,191
British Columbia	636	16	-	-	116	x	14	x	766	62	3,567	1	1,117	130	4,816
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	13,902	1,720	14	1	3,141	1,239	837	153	17,894	3,113	77,784	74	29,952	7,413	115,223

TABLE 5. INVENTORIES, 1967

Province	Manufacturing				Non-manufacturing
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale
	book value \$'000				
<u>Opening</u>					
Newfoundland	x	x	x	x	x
Prince Edward Island	-	-	-	-	-
Nova Scotia	x	x	x	x	-
New Brunswick	x	x	x	x	x
Quebec	3,239	7,530	4,175	14,944	1,567
Ontario	26,437	17,805	21,766	66,008	5,371
Manitoba	3,147	3,070	179	6,397	447
Saskatchewan	x	x	x	x	x
Alberta	188	33	124	345	16
British Columbia	1,222	528	825	2,575	333
Yukon and Northwest Territories	-	-	-	-	-
Totals	35,958	30,133	27,715	93,807	8,267
<u>Closing</u>					
Newfoundland	x	x	x	x	x
Prince Edward Island	-	-	-	-	-
Nova Scotia	x	x	x	x	-
New Brunswick	x	x	x	x	x
Quebec	3,632	6,786	5,421	15,839	1,907
Ontario	27,671	16,747	22,209	66,627	5,776
Manitoba	3,079	3,593	403	7,075	524
Saskatchewan	x	x	x	x	x
Alberta	230	22	161	413	17
British Columbia	1,206	465	902	2,574	296
Yukon and Northwest Territories	-	-	-	-	-
Totals	37,544	28,594	29,817	95,955	8,721

TABLE 6. PURCHASED FUEL AND ELECTRICITY USED, 1966 AND 1967

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail				
Bituminous coal:				
(a) From Canadian mines	ton	1,122	15	3,785
(b) Imported	"	20,890	212	13,767
Sub-bituminous coal (from Alberta mines only)	"	-	-	3
Anthracite coal	"	163	3	178
Lignite coal	"	-	-	-
Coke	"	4	-	531
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	869,783	343	738,008
Fuel oil including kerosene or coal oil	"	10,632,114	1,150	8,356,346
Wood	cord	39	1	37
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	139,895	34	136,675
(b) Other manufactured gas	M cu. ft.	-	-	-
(c) Natural gas	"	2,215,560	1,502	2,257,304
Other fuel				
Electricity purchased	kwh.	221,225,870	2,276	186,627,079
Steam purchased				
		66		43
2. Small establishments not reporting commodity detail				
Estimate for fuel and electricity				
		536		467
3. All establishments				
Total fuel and electricity used				
		6,153		5,782

TABLE 7. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Materials used:				
Castings (rough and semi-finished received from foundry):				
Iron (gray and malleable)	ton	11,998	4,074	8,987
Steel	"	8,521	4,455	13,469
Iron:				
Pig iron	"	13,267	872	11,559
Steel:				
Bars and rods	"	280,650	36,864	229,788
Pipe and fittings			9,123	31,171
Plates	ton	36,757	6,002	10,203
Sheets:				
Black	"	20,999	3,313	32,404
Galvanized	"	3,755	732	25,496
Strip	"	10,547	2,117	4,609
Structural shapes	"	16,995	3,046	10,416
Wire	"	10,090	1,950	22,674
Alloy steel in all forms:				
Stainless:				
Billets, bars and rods			692	4,093
Other			5,943	829
Other alloy and tool steel (including carbon, alloy and high speed steels):				
Billets, bars and rods			2,390	2,015
Other			1,840	4,093
Scrap iron and steel:				
Purchased	ton	40,407	1,675	9,827
Own make (tonnage only)	"	11,738		1,894
Other iron and steel			4,104	1,894
Ferro-alloys			325	360

TABLE 7. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967 - Concluded

Description	1966		1967	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Large establishments reporting commodity detail - Concluded:				
Materials used - Concluded:				
Non-ferrous metals:				
Aluminum:				
Castings	lb. 2,085,678	1,535	2,320,757	1,634
Sheet	" 1,950,069	1,020	1,444,667	757
Other forms	" 12,806,912	5,550	9,826,251	4,150
Brass and bronze	" 55,521,078	27,689	46,311,782	23,533
Copper:				
Sheet	" 605,042	402	343,505	277
Wire	" 383,067	247	419,670	287
Other forms	" 2,214,182	1,389	3,470,593	2,102
Lead	" 4,396,837	782	4,791,374	755
Nickel	" 285,203	284	459,945	450
Tin	" 212,035	397	207,000	361
Zinc	" 3,070,267	702	2,882,420	327
Babbitt metals and solders	" 476,325	432	310,211	301
Other non-ferrous metals	"	719	...	749
Paints, oils and varnishes	"	818	...	739
Foundry coke	ton 10,286	404	7,127	298
Foundry sands	" 46,468	607	35,915	533
Plumbago and graphite	lb. 1,483,036	54	1,006,728	41
Lumber	M bd. ft. 1,708	259	1,285	170
Firebrick and cupola blocks	"	325	...	288
Fireclay	ton 3,720	143	2,607	91
Core oil	Imp. gal. 25,558	34	14,561	21
All other materials and components used	"	32,080*	...	34,521
2. Small establishments not reporting commodity detail		11,748		12,610
3. Containers and other packaging materials and supplies used:				
Welding and set-up boxes, paperboard	"	367	...	717
Terrugated boxes and cartons	"	1,487	...	1,112
Wooden boxes, crates, barrels and kegs	"	635	...	662
Paper, all kinds	"	86	...	105
All other	"	524	...	469
4. Operating, maintenance and repair supplies used (excluding fuel)		10,304		9,498
5. Amount paid out to others for work done on materials owned by establishments		7,930		8,337
Totals		198,470		188,608

TABLE 8. SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967

Description	1966		1967	
	Quantity	Value \$'000	Quantity	Value \$'000
1. Products:				
Agricultural implements .....	...	1,279	...	1,151
Castings, forgings and related products (including plumbers' brass and valves):				
Cast iron plumbing fixtures .....	...	(1)	...	(1)
Gas stops and gas curb stops .....	...	(1)	...	(1)
Hydrants	No. 10,221	2,236	8,801	2,058
Meters, gas	" 101,315	3,633	(1)	(1)
Flush valves	"	1,302	...	1,600
Other plumbers' brass fittings (excluding solder fittings - See below)	"	19,448	...	22,084
Valves (excluding penstock valves)	"	44,428	...	41,103
Grey iron castings, including alloy and malleable	"	6,330	...	5,934
Non-ferrous castings, n.e.s.	"	4,138	...	3,301
Forgings, n.e.s.:				
Steel	"	39,452	...	32,648
Other forgings (non-ferrous, stainless steel, etc.)	"	2,622	...	3,822
Castings, forgings and related products, other	"	23,135	...	26,127

TABLE 8. SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967 - Concluded

Description	1966		1967	
	Quantity	Value \$'000	Quantity	Value \$'000
1. Products - Concluded:				
Architectural and ornamental metal work:				
Aluminum	1,129	...	3,003
Brass and bronze	64	...	29
Iron and steel	6,765	...	6,592
Stainless steel	139	...	34
Fabricated bar joists	(2)	(2)	(2)	(2)
Fabricated concrete reinforcing bar	ton 122,827	18,650	134,905	21,099
Piping, fabricated	7,564	...	5,297
Platwork, fabricated, n.e.s.	2,382	...	1,593
Tanks	6,213	...	4,629
Fabricated and structural products, other	22,056	...	20,742
Hardware:				
Automatic screw machine products	1,019	...	(2)
Products other than automatic screw machine (bolts, nuts, rivets, screws)	8,456	...	4,696
Hardware, other	4,002	...	8,587
Heating equipment	8,863	...	8,339
Machinery	16,549	...	17,256
Miscellaneous products:				
Chains	4,435	...	3,365
Collapsible tubes, metal	4,927	...	4,299
Electro-plating racks	380	...	435
Fire extinguishers, hand-type	4,525	...	5,071
Lightning rods and supplies	348	...	349
Pipe fittings	9,482	...	11,376
Metal sponges or pads, not impregnated	(2)	(2)	(2)	(2)
Powder metallurgy products	2,121	...	1,784
Sanitary ware	19,995	...	20,661
Solder-type fittings	(2)	...	(2)
Spinnings, all metals	1,703	...	1,444
All other products	102,037	...	105,081
2. Amount received in payment for work done on materials and products owned by others				
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(3,550)	...	(5,146)
Net adjustment for establishments receiving progress payments	15	...	580
Total adjusted value of shipments and work done	401,972	...	396,399

(1) Included in "Castings, forgings and related products, other".

(2) Included in "All other products".

TABLE 9. SHIPMENTS OF SELECTED GOODS OF OWN MANUFACTURE - ALL INDUSTRIES, 1966 AND 1967

(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

A. Plumbers' Brass Fittings, 1966 and 1967

Product	Value	
	1966	1967
	\$'000	
Bath waste and overflows	1,306	1,222
Faucets, sink, lavatory and bath, and their combinations	8,218	10,142
Plumbing fixture trim	1,430	838
Stops	1,748	1,262
Traps	1,470	1,685
Tub-filters, showers and combinations of same	2,725	2,865
Toilet tank fittings	1,795	1,669
Flush valves	1,302	1,600
Other brass plumbing fixtures	2,149	2,438
Totals	22,143	23,721
Solder type fittings	13,073	11,117

TABLE 3. SHIPMENTS OF SELECTED GOODS OF OWN MANUFACTURE - ALL INDUSTRIES, 1966 AND 1967 - Concluded

B. Hand-type Fire Extinguishers, 1958-67

Year	Value	Year	Value
	\$'000		\$'000
1958	2,386	1963	2,846
1959	2,234	1964	3,258
1960	2,876	1965	3,963
1961	2,782	1966	4,525
1962	2,767	1967	5,071

C. Hydrants, 1962-67

Year	Number	Value
		\$'000
1962	13,967	2,516
1963	13,143	2,349
1964	14,912	2,814
1965	16,152	3,075
1966	15,610	3,270
1967	12,836	2,993

D. Valves, 1966 and 1967

Type	Value	
	1966	1967
	\$'000	
Iron body (hand or power operated - excluding regulating valves):		
Globe, angle, gate and check	12,738	12,627
Butterfly	2,702	2,548
Other iron	2,626	2,175
Steel (hand or power operated - excluding regulating valves):		
Carbon and low alloy	10,582	9,933
High alloy	3,913	5,396
Other	490	(1)
Brass or bronze (excluding regulating valves):		
Globe, angle, gate, check, radiator and ball	10,078 ^x	9,075
Other, brass or bronze	1,273	301
Corporation brass	2,130	2,220
Automatic regulating:		
Brass or bronze	1,004	1,757
Iron or steel	367	1,754
Other, including alloy metal	(1)	(1)
Valves n.e.s.	11,155 ^x	9,182

^x included with "Valves n.e.s."

LIST OF ESTABLISHMENTS CLASSIFIED TO THIS INDUSTRY, 1967

(Does not include establishments classified to other industries, which as a secondary activity, manufacture products typical of this industry)

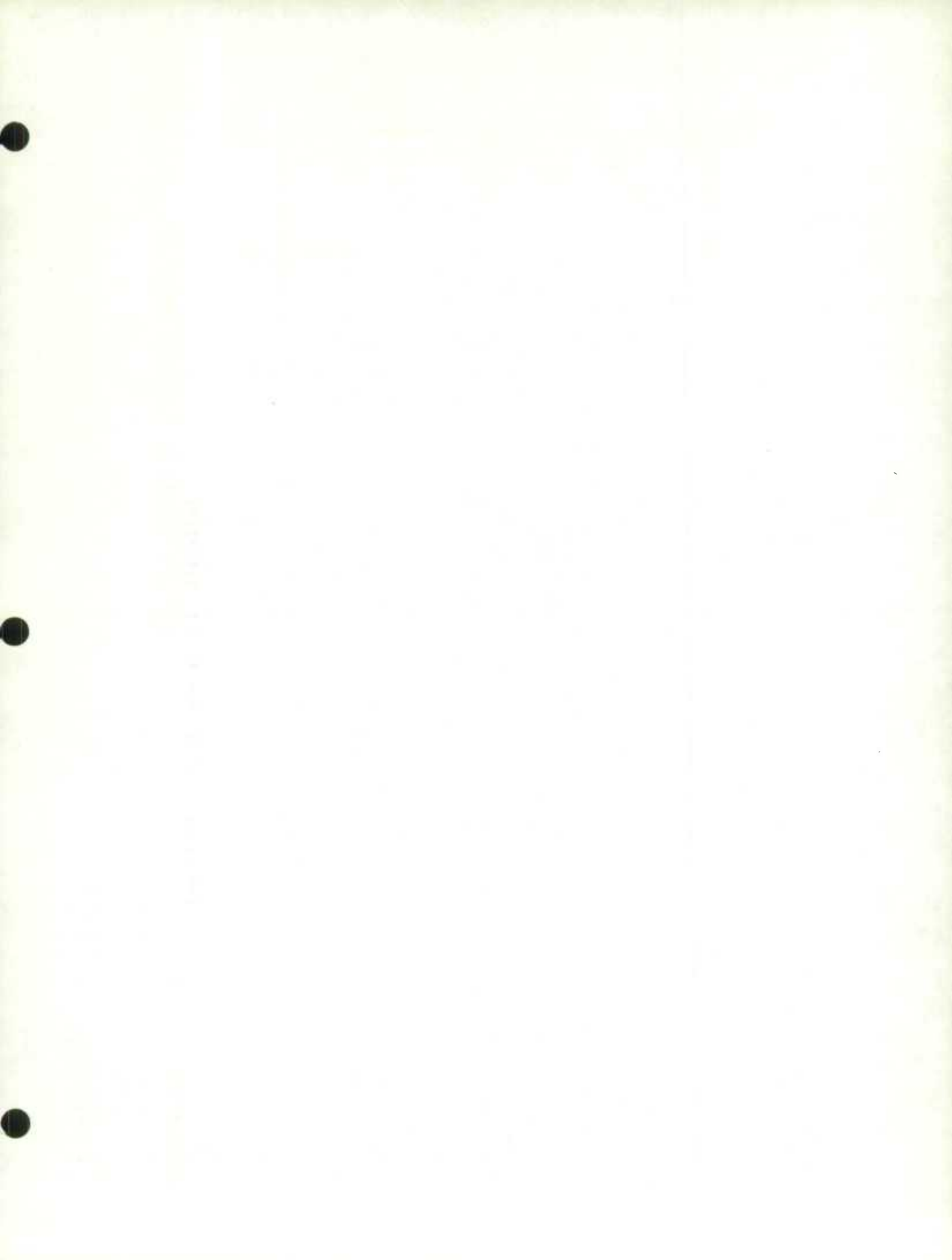
Name and location	Name and location
<u>Newfoundland</u> McNamara Industries Ltd., Topsail Rd., St. John's Pratt, J.C. Industries Ltd., O'Leary Ave., Peel St., St. John's	<u>Quebec - Concluded</u> Tubebend Welding Co., 2917 Sherbrooke St. East, Montreal 4 Universa Ltd., 400 des Laurentides, Beauport-Ouest Ville Emard Metal Spinning Reg'd., 5701 Chemin Côte-St-Paul, Montreal 20 Warwick Hydraulic Ladders, Warwick Welland Vale Quebec Ltd., St. Jean
<u>Nova Scotia</u> Lakeland Industries Ltd., Mount Unisac Maritime Steel & Foundries, Limited, 379 Glasgow St., New Glasgow	<u>Ontario</u> A-1 Steel Works, 2391 Mountain Rd., Niagara Falls Abel Metal Products Ltd., 24 Jueland Rd., Toronto Aerometal Products & Design Ltd., 195 Bentworth Ave., Toronto All-Right Custom Steel Products Ltd., Concord Allied Heat Treat Ltd., 368 Munster Ave., Toronto Altype Heat Treat, Industries Ltd., 3246 Wharton Way, Cooksville Alward, R., & Son, Stratfordville American Standard Prod. (Canada) Ltd., 1201 Dupont St., Toronto Anchor Coupling Canada Ltd., 10 Edmonson St., Brantford Anglin Manufacturing, 5383 E.E. Row, Windsor Anko Metal Products Ltd., 73 Penn Dr., Weston Apex Bolt Products of Canada Ltd., 28 Milford Ave., Toronto 15 Armsen Iron Works Ltd., 1558 Howard St., Windsor Armstrong Trophy Company, 174 Spadina Ave., Toronto Ascoelectric Limited, Hwy 53 West at Airport, Brantford Automated Bldg. Comp'nents Inc., 42 Continental Place, Scarborough Automatic Winding Corp. Ltd., 1179 Finch Ave. W., Downsview B & L Metal Products, 1 First St., Elmire B & W Heat Treating Ltd., 70 Borden Ave., Kitchener Bailey-Hunt Ltd., 151 Bentworth Ave., Toronto Beller Steel Co. Ltd., 249 Speedvale Ave. W., Guelph Bernstein, K., 21 Kensington Ave., Toronto Best Weather Strip Co. Ltd., R.R. 7 Brantford Bex Engineering Ltd., 40 Huxley Rd., Weston Borg-Warner (Canada) Ltd. (Cello Products Div.), Box 37, Avenue Rd., Galt Bouling Metals, 1856 Brampton Ave., Hamilton Branco Steel Ltd., 60 Penn Dr., Weston Brass Craft Canada Ltd., 35 Currah Rd., St. Thomas Brighton Valve Company Limited, Prince Edward St., Brighton Brockworth Industries Ltd., Orillia Brooks Mfg. Co. Ltd., 366 Rogers Rd., Toronto Bryan Chrome Products Ltd., 180 Milvan Dr., Weston Budd Machine Tool Co. Ltd., 3096 Devon Rd., Windsor C. and R. Metal Products Ltd., 1241 Kelly Lake Rd., Sudbury Calumet & Hecla (Canadian) Ltd., 134 Nelson St. W., Brampton Canada Block Co. Ltd., The, 21 Rindon St., St. Catharines Canada Cavi-All Ltd., 20 Taber Rd., Rexdale Canada Forgings Ltd., Empire St., Welland Canada Valve & Hydrant Co. Ltd., The, Brantford Canadian Advance Car Mover Co. Ltd., 145 Ross St., Welland Canadian Arsenals Ltd., 1400 Lakeshore Rd. Long Branch Canadian Beaver Co. Ltd., 993 Eastern Ave., Toronto 8 Canadian Brass Ltd., 415 Dundas St., Galt Canadian Cold Forging and Coining Co. Ltd., 1258 Marynetette Ave., Windsor Canadian Collord Products Ltd., 985 St. Luke Rd., Windsor Canadian Coupling & Fittings Ltd., 390 Second Ave., Simcoe Canadian General Filters Ltd., 39 Crockford Blvd., Scarborough Canadian Ground-Support Ltd., 2291 Lasalle Blvd., Sudbury Canadian Heat Treaters Ltd., 300 Newkirk Rd., Richmond Hill Canadian Metal Rolling Mills Ltd., 2304 Dixie Rd., Cooksville Canadian Meter Co. Ltd., 10th Side Rd. & Front St., Milton Canadian Pipe & Steel Fabricators, 875 Eastern Ave., Toronto Cello Products (Preston) Div. Borg-Warner (Canada) Ltd., 610 Bishop Rd., Preston Central Metal Fabricators Ltd., 46 Tubac Rd., Poadale Central Welders & Blacksmiths Ltd., R.R. 3, Rodney Chemical Valley Fabricating Co. Ltd., Box 760, Sarnia Chesley-Sarnes Ltd., Hwy 3 Essex Chicago Rawhide Products Canada Ltd., Porks Rd. and Henry St., Brantford Chubb Mosler & Taylor Safes Ltd., 263 Queen St. E., Brampton CLA-VAL Canada Ltd., 14 Dixie Rd., St. Catharines Clark Kennedy & Co. Ltd., 931 Weston Rd., Toronto Colbey Custom Fabricating Co. Ltd., 147 Hartzell Rd., St. Catharines Columbus McKinnon Ltd., 580 Welland Ave. E., St. Catharines Con-A-Vap Limited, 4627 Kingston Rd., West Hill Construction Products Inc., Georgetown Coulter Copper & Brass Co. Ltd., 44 Coronet Rd., Toronto Couppo Limited, Valley Farm Rd., Pickering Crane Canada Ltd., Port Hope Crane Canada Ltd., 15 Crane Ave. Stratford Crane Canada Ltd., 1757 Burlington St. E., Hamilton Crawford Fittings (Canada) Ltd., 605 Kent Ave., Niagara Falls Dart Union Co. of Canada Ltd., 8 Vanasco Rd., Toronto Decor Metal Products Ltd., 1 Bay St., Midland DeZurik of Canada Ltd., 385 Franklin Blvd., Galt Diamond Tool & Horse Shoe Co., 580 Front St. W., Toronto Diebold of Canada Ltd., 258 Wallace Ave., Toronto Dodd & Struthers Ltd., 1721 Moy Ave., Windsor Dominion Brake Shoe Div. Apex Industries of Canada Ltd., 336 Portage Road, Niagara Falls Dominion Cold Extrusions Ltd., 2480 Seminole St., Windsor
<u>New Brunswick</u> H.B. Industries Ltd., Sussex McAvity, Div. Crane Canada Ltd., 168 Rothesay Ave., Saint John St. Stephen Steel Company Ltd. (Maritime Steel & Foundry Ltd.), St. Stephen	
<u>Québec</u> Acton Nipple Inc., Actonville Alloy Manufacturing Ltd., 41 St. Joseph St., Lachine Aluminum Casting, 219 B, rue Charron, Ville Lemoyne Aluminum Welding Co. Ltd., 5745 Place Turcot, Montreal American Metal Spinning Ltd., 3859 Industrial Blvd. E., Montreal North American Can of Canada Ltd., 145 Spruce St., Ottawa Argo Co., The, 716 St. James St. W. Montreal 1 Band TI Corp., 3600 Industrial Blvd., Montreal North Bond-All Metal Ltd., 8290-2nd Ave., Ville d'Anjou Bergeron, Vincent, Fonderie, 410, rue Béland, Laurierville Booth-Coulter Coppersmithing Co. Ltd., 283 Duke St., Montreal Brass & Bronze Mfg. Co. Ltd., 6725 Park Ave., Montreal Cabe Industrial Supply Ltd., 10518 Iberville St., Montreal Canada Mayer Sealing Devices Reg'd., 10775 Racette Ave., Montreal North Canadian Bronze Co. Limited, 999 DeLorimier Ave., Montreal Canadian "Cinch" Anchoring Systems Ltd., 2095 Madison Ave., Montreal Canavan Explosion Venting Systems Ltd., 2140 Belgrave Ave., Montreal Crane Canada Ltd., 3800 St. Patrick, Montreal 9 Communication Steels Ltd., 365 Bering Ave., Toronto Croname-MacDonald Limited, 50 Taylor St., Waterloo Custom Fittings Co. of Pincount Ltd., Pointe des Cascades Cuthbert, W.R., & Co. Ltd., 47 Duke St., Montreal Daigle et Frères Ltée, Cowansville Dominion Hat Block & Die Co., 7090 Alexandra St., Montreal 10 Dominion Joints, 8019-13ème Ave., Ville St-Michel Dominion Welding Engineering Co. Ltd., 10000 Bruxelles Ave., Montreal North Domtar Chemicals Ltd., (Metal Powder Div.), 15 St. Joseph St., Lachine Domtar Chemicals Ltd., (Metal Powder Div.), Lasalle Echafauds Laval Scaffolds, 103 est Des commissaires, Montreal Erectofast Scaffold Ltée, 1420, boul. St-Elzear, Laval Fayle Coppersmith Works Ltd., 2712 Mullins St., Montreal Federal Weatherstrip Inc., 9478 Hamelin Ave., Montreal Formex Ltée, 499 boul. Guimond, Jacques-Cartier Freeman Corporation, 91 des Oblates St., Cap-de-la-Madeleine Gaulin, Athanase, Principale, St-François Montmagny Gilmac Inc., 7970, rue Dante, St-Michel Golden Gate Mfg. Co. Ltd., 361 Youville St., Montreal Guard-X Reg'd., 5877 Papineau Ave., Montreal Hard & Soft Metal Works, 5625, rue St-André, Montréal Hills, McCanna of Canada Ltd., 2552 Wharton Glen Rd., Cooksville Industries "Armen" Industries Ltd., 352, rue de l'Inspecteur, Montréal 1 Industries Couture Ltée, 67 ouest, rue Jacques-Cartier, Chicoutimi Jenkins Bros. Ltd., 170 St. Joseph Blvd., Lachine Justin Coffre-Fort Ltée, 976 St. Paul St. W., Montreal Kidde, Walter & Co. of Canada Ltd., 154 Oneida Dr., Pointe Claire Kieley & Mueller of Canada Ltd., 100 Hymus Blvd., Pointe Claire La Compagnie Morin & Fils Ltée, 230-4ième Ave., Montmagny La Métallurgie de St. Raphael Ltée, St-Raphael, Cte de Bellechasse Les Coupe Froid Economiques Inc., 8695-10ième Ave., Ville St-Michel Les Produits d'Acier Plane Tec. Ltée, 4701, rue Forest, Montréal-Nord Liberty Mfg. Co., 1090 Pratt Ave., Outremont, Montreal Machinerie Ferclaud Inc., 2020, rue Chambly, Montréal Marois, Aurel, Montmagny Mathieu, Renald, Wickham, Cte de Drummond Modern Metal Spinning Reg'd., 4249 Frontenac St., Montreal Montebello Metal Ltd., Montebello Munico Ltd., 10670 Racette St., Montreal-Nord National Safe Inc., St-Dominique, Cte de Bagot Olympia Steel Corp., 3760 Metropolitan Blvd. E., St-Michel Ouellette, O.J. Inc., 958 St-Dominique St., Montreal 34 Park Lane Products Reg'd., 144 rue Meunier, Pont-Viau Peacock Bros. Ltd., 260 St. Patrick St., Ville LaSalle Piper, Hiram L., Co. Ltd., The, 555 St-Rémi St., Montreal Prime Mfg. Co. Ltd., 6065 St. James St., W., Montreal Quebec Metal Pressing Inc., 80 Dorchester St. S., Quebec 2 RCR Products Ltd., 6413 Azilda Ave., Ville d'Anjou Rorkwell, Mfg. Co. of Canada Ltd., 161 Stirling Ave. LaSalle Roto Tech-Smith Inc., 10225 boul. St-Laurent, Montreal Roy, Irenée, Ltée, 109 rue Dube Thetford Mines Safety Equipment Co. Ltd., 2115 Old Orchard Ave., Montreal Sill Plate Gueret Ltée, 4275 boul. St-Joseph, Drummondville Sud	

LIST OF ESTABLISHMENTS CLASSIFIED TO THIS INDUSTRY, 1967 - Continued

Name and location	Name and location
Ontario - Continued	
<p>Dominion Forge Co. Div., Canadian Corporate Management Co. Ltd., 2480 Seminole St., Windsor Dominion Lightning Rod Co. Ltd., 384 Mill St. W., Dundas Dominion Welding Engineering Co. Ltd., Keele St. N., Maple Doms Engineering Co., 18 Raithern Rd., Toronto Duncan Parking Meters of Canada Ltd., 8 Banigan Dr. Toronto 17 Erectoweld Co. Ltd., Speers Rd., & Third Line, Oakville Elkel Metal Products, 465 Davis Dr., Newmarket Emberley Enterprises Ltd., 57 Raleigh Ave., Scarborough Emco Ltd., 1108 Dundas St., London Express Metal Spinning Co., 6 Phoebe, Toronto Fairbank Foundry, 52 Clarkson Ave., Toronto Falk Corp. of Canada Ltd., The, 45 Disco Rd., Rexdale Farris Brantford Ltd., Shaver St. & Hwy 2, Brantford Ferrari Ornamental Co., 10 Hafis, Rd., Toronto Ferrington Fabricators Ltd., 400 Wellington St. N. Hamilton Flag Fire Equipment Ltd., 1680 Kildare Rd., Windsor Fleherty Mfg. Co. Ltd., 76-78 Wellington St. N., Hamilton Flick-Ready (Canada) Ltd., 1260 Lakeshore Rd., Port Credit Foley Supply & Machine Co. Ltd., 25 Walbridge Rd., Belleville Freisen Reinforcing Steel Ltd., 87 Shorncliffe Rd., Toronto Fyr Fyter Co. of Canada Ltd., 19 Victoria Crescent, Bramales G.C. & W. Machine & Stampings Ltd., 434 Birchmount Rd., Scarborough G.L. Processing Limited, 3280 Jefferson Blvd., Windsor Galt Brass Co. Ltd., 471 Dundas St., Galt Galt British Forge Ltd., 204 Beverly St., Galt Genbaarco Limited, 347 Olivewood Rd., Toronto General Drop Forge Ltd., 500 Major St., Welland General Fire Extinguisher Corp. (Canada) Ltd., The, 955 Huron Line, Windsor General Fittings and Manufacturing, Midland Ave., Scarborough Gilbert Steel Ltd., Britannia Rd., Malton Glitsch, Fritz W. & Sons (Canada) Ltd., 18 Dallas St., Uxbridge Great Lakes Forgings Ltd., 1590 Matthew Brady Blvd., Windsor Great Lakes Steel Products Ltd., 1276 Ellesmere Rd., Scarborough Gregory Fasteners Ltd., 2 Meridian Rd., Rexdale Grigor, D.R., & Co., 47 Colville Rd., Toronto 15 Ginnell Co. of Canada Ltd., 427 Lakeshore Blvd. W., Toronto Guardian Mfg. Ltd., 10 Brock St., Brockville H. & S. Commercial Heat Treat, East main St., Welland Harjohn Industries Ltd., Grantham Ave., (Box 505) St. Catharines Harris Engineering Co., 1914 Mattawa Ave., Cooksville Harris, J. & Son Ltd., Greens Rd., Stoney Creek Hart, Will Ltd., 1100 Bellamy Rd. N., Scarborough Haun Drop Forge Co. Ltd., Box 98, Welland Hercules Shaft Splice Co., 167 Queen St., Stratford Hose Couplings Ltd., Park Rd., Box 216, Simcoe Hydro-Flex Hose Co. Ltd., 21 Sanford Ave. N., Hamilton Imperial Rack & Mfg. Co. Ltd., 124 Clark Sideroad, London Indufab (1964) Ltd., 128 Centre St. N., Richmond Hill Bendixen Fabricators Ltd., 209 Tunnel St. Sarnia Ingenious Devices Ltd., Drillia Integrated Structures and Engineering Ltd., Bolton Iron Works Ltd., R.R. 1, West Hill Ithaca Gun Co. (Canada) Ltd., Park St. E., Dunville Jamaica Mfg. (Canada) Co. Ltd., Prescott Jamesbury Corporation, 3671 Weston Rd., Weston Jenson Fitting Mfg. Ltd., 298 Kipling Ave. S., Toronto Jetco Manufacturing Ltd., 36 Milvan Dr., Weston Jupiter Welding and Fabricating, 376 Enford Rd., Richmond Hill K & K Reinforcing Steel Co. Ltd., White Oak Rd., London K.S.M. of Canada Limited, 1090 Kipling Ave. N., Rexdale Kaldor Co. Ltd., Wolcott Ave., Scarboro Kee Klamp America Ltd., 43 Gurney Crescent, Toronto Keystone Valve (Canada) Ltd., 923 Oxford St., Toronto Kilian Mfg. Ltd., 75 Torlake Cresc., Toronto Kindred Industries Ltd., Midland Kinkead Canada Ltd., 2220 Midland Ave., Scarborough Klassen Bronze Ltd., 70 Hincks St., New Hamburg Koppers Products Ltd., 16 Taber Rd., Rexdale Kowk Industries Ltd., 294 Eddystone Ave., Downsview Kuchyt Metal Works Ltd., Petit Rd., Fort Erie Kurly Kate (Canada) 10 Queen E. Blvd., Toronto Ladiah Co. of Canada Ltd., Park Rd. N., Brantford Launder Brass Ltd., 107 TorYork Rd., Weston Lestal Metals of Canada Ltd., 134 Dawson Rd., Guelph Lite Metal (Products) Ltd., 2300 Haines Rd., Cooksville Lighthouse Brass Mfg. Co. Ltd., Box 1409, 310 Hopkins St., Whitby Luckock, Richard C., 527 Crawford St., Toronto Lunkenhaimer Morrison Canada Ltd., 276-78 King St. W., Toronto Mackenzie Black Fabricating Co. Ltd., 267 Beckwith St., Corunna Magcoa Ltd., 55 Penn. Dr., Weston Magline of Canada Ltd., Hwy No. 17, Renfrew Manning Maxwell & Moore Div., Dresser Industries of Canada Ltd., 200 Avenue Rd., Galt Marcon Custom Metals, 489 Lancaster St. W., Bridgeport Marshall Foundry, 940 Assumption St., Windsor Maysteel Ltd., 20 Bethridge Rd., Rexdale Memorial Vase Co., R.R. No. 3, Kitchener Metal Bendings & Furniture Ltd., 39 Fenmar Dr., Weston Metal Textile of Canada, 126 Catherine St. N., Hamilton Metcan Products Ltd., 1190 Birchmount Rd., Scarborough Metro Engineering, 35 Lucy Ave., Scarborough</p>	<p>Mideo Manufacturing, 251 Raleigh Ave., Scarborough Millard & Lumb Ltd., King St. E., Kingston Misco Fabricators of Canada Ltd., 954 Southworth St. S., Welland Moeller Mfg. Co. (Canada) Ltd., 1750 Valley Way, Box 215, Niagara Falls Montebello Metal Ltd., 1036 Aberdeen, Hawkesbury Moore Air Equipment Ltd., 325 Hale St., London Mote, R.F., Limited, 293 Markham Rd., Richmond Hill Mount Dennis Welding Limited, 1001 Weston Rd., Toronto Mueller Ltd., Clifford St., Sarnia Myatt, E., Co. Ltd., 21 Carlaw Ave., Toronto National Loose Leaf Devices Ltd., 43 Bertal Rd., Toronto Neosid (Canada) Ltd., 10 Vansco Rd., Toronto Neptune Meters Ltd., 3526 Lakeshore Blvd. W., Toronto Neuman Truck Body Limited, 294 1/2 Courtland Ave. E., Kitchener Neuman Green of Canada Ltd., Richmond Hill Nicol Manufacturing Co., 32 Brydon Dr., Rexdale North American Perites, Co. Ltd., 3336 Elbank Rd., Malton North York Steel Fabricators, 110 Milwick Dr., Weston Oliver-Woods Metal Spinning Co., 8 Beaconsfield, Toronto Otaco Limited, West St. S., Drillia Panorama Products Co., 2102 Dufferin St., Toronto Parcoll Products Ltd., St. Lawrence St., Winchester Parkinson Cowan (Canada) Ltd., 830 Richmond St., Chatham Par-Met Industries Ltd., 66 Crosby Ave., Richmond Hill Pavemaster of Canada Ltd., 110 Church St. E., Pickering Fearless Plating Rack Co., 124 Cartwright Ave., Toronto Peninsula Fittings (St. Catharines) Ltd., 221-223 Bunting Rd., St. Catharines Perth Metal Industries Ltd., 128 Monteith Ave. Stratford Phillips, G.E., Ltd., 481 Atwell Ave., Rexdale Phillips Lightning Rod Co. Ltd., 32 Osborne Ave., Toronto Phoenix Mfg. Co. (Div. R. & W. Heard Holdings Ltd.), Fulton St. S., Milton Pinder Bros. Ltd., 2 Otonabee St. W., Willowdale Pipe Coil Fabricators Ltd., 143 Bermondsey Rd., Toronto Powco Steel Products Ltd., 24 Ingram Drive, Toronto Prescon of Canada Ltd., 1800 Britania Rd. E., Malton Preston Heat Treating Corp. Ltd., 753 Bishop St. N., Preston Production Assemblies, 1849 Mattawa Ave., Cooksville Pyrene Mfg. Co. of Canada Ltd., 777 Dundas St. E., Toronto Queenston Welding & Mfg. Ltd., 637 Queenston Road, Hamilton R & H Firearm Supplies, Preston Ralston Custom Steel Products Ltd., 92 Ferguson St., Guelph Reinforcing Steel Products Co., 200 New Toronto St., New Toronto Reliance Steel Fabricators Ltd., 385 Salter Ave., Windsor Reynolds Extrusion Co. Ltd., 160 West Lodge Ave., Toronto Ric-Wil Co. of Canada Ltd., The, Wellington St. at 3rd Ave., St. Thomas Richmond Screw Anchor Co. of Canada Ltd., 34 Six Point Rd., Toronto Roberts, Art. & Son Ltd., 1021 Barton St., Hamilton Rockwell Mfg. Co. of Canada Ltd., 40 Wellington St., Guelph Roper Steel Construction Co., 2902 Eglinton E., Scarborough S.D.M. Thermolite Ltd., 45 Research Rd., Toronto St. Lawrence Steel & Wire Co. Ltd., Mill St., Gananoque Salbrock Mfg., Brock Rd. N., Pickering Samuel Steel Strapping Limited, 1578 Mattawa Ave., Cooksville Selck, Walter E. & Co. Canada, 53 Tycos Drive, Toronto Selox Manufacturing Ltd., 36 Belvia Rd., Toronto Service Steel and Engineering Ltd., 621 Parkdale Ave. N., Hamilton Sheridan Metal Products Ltd., 2528 Wharton Glen Ave., Cooksville Sife Limited, 72 Stafford St., Toronto 3 Simcoe Steel Fabricators Ltd., R.R. No. 3, Newmarket Sinterings Ltd., 265 Edinburgh Rd., Guelph Smith Valve Corp. of Canada Ltd., 3236 Wharton Way, Cooksville Specialty Products (Guelph) Ltd., 35 Municipal St., Guelph Stampco Industries Ltd., 1496 Concession Rd., Preston Stanley Manufacturing Co. Ltd., The, Main St., Markham Star Expansion Industries (1963) Ltd., 1061 The Queensway, Toronto Steel Co. of Canada Ltd., Gananoque Steel Improvement Co. Ltd., 265 Wellington St. W., Toronto Steffler Metal Products Ltd., 74 River Rd., W., Kitchener Sterling Faucet Canada Ltd., 61 Forsythe St., Oakville Stonetown Metal Products, St. Marys Superior Concrete Accessories Canada Ltd., 230 Belfield Rd., Rexdale Swingline of Canada Ltd., Aingram Dr., Toronto 15 TCC Design & Mfg. Co., 234 McKenzie Ave., Ajax Taco Heaters of Canada Ltd., 3090 Lenworth Dr., Cooksville Tarpan Sections Ltd., 90 Oakdale Rd., Downsview Taylor Associates, L.E., Ltd., 829 Woodward Ave., Hamilton Thamesville Metal Products Ltd., Wallace St., Thamesville Thompson Machine, 254 Weldrick Rd., Richmond Hill Thorold Welding Works Ltd., 183 Merritt, St. Catharines Tomahawk Mfg., 70 Belfield Rd., Rexdale Tonner, Gordon Metal Spinning, 134 Oxford St., Richmond Hill Toronto Copper-smithing Co. Ltd., 220 Midwest Rd., Scarborough Toronto Metal Spinning (1965) Ltd., 32 Eastern Ave., Toronto Triangle Metal Products Ltd., 618 Vaughan Rd., Toronto Trimonex Manufacturing Co. Ltd., 12 Sable St., Toronto Tri Service Fabricating Ltd., 7655 Woodbine Ave., Milliken T.S. Manufacturing Ltd., 1970 Station Rd., Pickering Tubco Lamp Parts Ltd., 47 Railside Rd., Don Mills Tube Turns of Canada Ltd., 21 York St., Ridgetown Unimade Industries Ltd., Boves Rd., Concord United Flexible Metallic Tubing (Canada) Ltd., 128 Centre St. E., Richmond Hill</p>

LIST OF ESTABLISHMENTS CLASSIFIED TO THIS INDUSTRY, 1967 - Continued

Name and location	Name and location
<p><u>Ontario - Concluded</u></p> <p>Universal Metal Spinning Products, 308 Adelaide St., Toronto Up-Right Scaffolds Ltd., 120 Russett Ave., Oshawa Valco Manufacturing Ltd., 7470 Tecumseh Rd. E., Windsor Valve and Primer (Canada) Ltd., Dundas Valvac Limited, 8 Taber Rd., Rexdale Vari-Best Welding and Fabricating Ltd., 2268 Harold Rd., Burlington Vibro Acoustics Ltd., 16 Lesmill Rd., Don Mills Victoria Steel Products Ltd., 655 Lauzon Rd., Riverside Victory Metal Works, 767 Warden Ave., Scarborough Wallaceburg Ball Chain Mfg. Co., 2227 Manitou Dr., Kitchener Wallaceburg Brass Limited, 1355 Wallace St., Wallaceburg Wallaceburg-Singer Ltd., Libby St., Wallaceburg Walson Manufacturing Ltd., 36 Holthby, Brampton Ward Iron Works Ltd., 123 Victoria St., Welland Waterloo Spring Co. Ltd., 102 Breithaupt, Kitchener Watts Regulator of Canada Ltd., 86 Rivalda Rd., Weston Welco Precision Weights, 161 Cope St., Hamilton Taylor Forge Canada Ltd., 1675 Burlington St. E., Hamilton Welland Forge Ltd. 117 Manville St., Scarborough Welland Metal Supplies Ltd., 208 Bugar St., Welland Welmet Industries Ltd., 10 Kingsmill Ave., Guelph Wera Steel Ltd., Winside Rd., Pefferlaw Wessan Plumbing Ltd., Bellevue Ave., Streetsville West Brant Apiary Supplies, 224 Colborne St. W., Brantford Williamson, T.D., Canada Ltd., 271 Queen St. E., Brampton Wilson, Robert J. Metal Products, 102 Fenmar Dr., Weston Winchester-Western (Canada) Limited, 415 King St. W., Cobourg Woodbine Metal Spinning Co., 1962 Gerrard St. E., Toronto Yarmouth Metal Fabricators Ltd., R.R. No. 3, St. Thomas Yurway Canada Ltd., 287 Speedvale Ave. W., Guelph York Metal Spinning & Specialties Ltd., 35 Industrial Rd., Richmond Hill</p>	<p><u>Alberta - Concluded</u></p> <p>Bonny Brook Steel Ltd., 4227 Bonny Brooke Rd., S. E. Calgary Centennial Steel Ltd., 8925-82nd Ave., Edmonton Crane Canada Ltd. (McAvity Div.), 801 Snelter Ave., Medicine Hat Lethbridge Iron Works Co. Ltd., 120-1st Ave. S., Lethbridge Moffat Engineering Co. Ltd., 1111-12th Ave. S. E., Calgary Northern Steel Fabricators Ltd., 9720-60th Ave., Edmonton Penfabco Limited, 10103-80th Ave., Edmonton Scott, S.F. Mfg. Co. Ltd., 766-14th St. S.W., Medicine Hat Specialty Iron Works, Main St., Blackfalds Tested Truss Systems Ltd., 8525 McLeod Trail, Calgary Texteam Ltd., 6040-97th St., Edmonton Winspun Copper & Brass Ltd., 4303-17th Ave., S.E., Calgary Wittke Iron Works, 2201-15th Ave. S.E., Medicine Hat</p>
<p><u>Manitoba</u></p> <p>Abesco Ltd., 971 Dogald Rd., St. Boniface Alco Equipment Ltd., 996 Pacific Ave., Winnipeg Armour Metal Products Ltd., 661 Madison St., St. James Canadian Bronze Co. Ltd., 15 Bury St., Winnipeg Cowin Steel Co. Ltd., 1137 Pacific Ave., Winnipeg Excel Fabricators & Mfg., 1150 Wall St., Winnipeg Klassen Bros., 421 Edison Ave., Winnipeg Made-Well Mfg. Co., Sifton Manitoba Bridge & Engineering Works Ltd., 845 Logan Ave., Winnipeg Mercury Metal Products Ltd., 590 Pembina Hwy., Winnipeg National Products Ltd., Ottawa Ave. & Watt St., Winnipeg Pary Products Ltd., 526 Jarvis Ave., Winnipeg Red River Chain, 258 Kingsford Ave., Winnipeg Rosedale Mfg., 173 Forest Park Dr., Winnipeg Swan Manufacturing Company, 218 Alexander St., Winnipeg</p>	<p><u>British Columbia</u></p> <p>A & M Steelcraft Ltd., 8250-124th St., North Surrey Advance Industries Ltd., 2034 W. 12th Ave., Vancouver Advance Metalpres Products Ltd., Granville Island, Vancouver Almaloc Mfg. Ltd., 367 Water St., Vancouver Art Metal Spinning Co. Ltd., 3904 East 1st Ave., Burnaby BC Chains Ltd., 1806 Granville St., Vancouver BC Gearworks Ltd., 10947-95th Ave., North Surrey Beaver Manufacturing Ltd., 26 W. 7th Ave., Vancouver Bobbie Equipment & Welding Co. Ltd., 1915 Fir St., Vancouver Brittain Steel Pabs. Ltd., 400 Ewen Ave., New Westminster Canada Chain & Forge Co. Ltd., Granville Island, Vancouver Capilano Metal Products Ltd., 250 Pemberton Ave., North Vancouver Ellett Copper & Brass Co. Ltd., 92 West 2nd Ave., Vancouver Edwards Welding Limited, 727 Caledonia St., Victoria Fire Hood Manufacturers Ltd., 266 East Esplanade, North Vancouver Fraser Fabricating Engine Ring Co., 1705 Third Ave., Prince George Hastings Brass Foundry Ltd., 236 Clark Drive, Vancouver Highland Mfg. Co. Ltd., 7326 Antrim Ave., Burnaby Jasco Mfg. Limited, 1870 W. 1st Ave., Vancouver 9 Lister Bolt & Chain Works Ltd., 301 West 5th Ave., Vancouver McBain, A.J., Ltd., 1968 W. Georgia St., Vancouver 5 McDonald Engineering Ltd., 161 Riverside Dr., North Vancouver McLeod & Norquay Ltd., 520 Raymur Ave., Vancouver Maure, Paul, Welding, 400 Ewen Ave., New Westminster Metal Distributors Ltd., 7220 Government Rd., North Burnaby Micon Products Ltd., Granville Island, Vancouver Motor Specialty Manufacturers Ltd., 475 Clark Drive, Vancouver Paceantic Products Ltd., 1329 Pemberton Ave., N. Vancouver Pacific Aluminum House Ltd., 54 E. 3rd Ave., Vancouver Pacific Dynamics Ltd., 576 Johnson St., Victoria Peace River Cable Service Ltd., Dawson Creek Polygon Designers & Metal Fabricators, 7450 Mission Ave., Burnaby Port Fabricators Ltd., 3048 St. John St., Port Moody Premier Engineering & Iron Works Ltd., 7231 Greenford St., Burnaby Rain Bird Sprinkler Mfg. Co. (Canada) Ltd., 44 East Cordova St., Vancouver Ross & Howard Iron Works Co. Ltd., Ft. Woodland Drive., Vancouver Rovang, W.G. & Associated Inc., 1621 Railway St., North Vancouver Samco Engineering Ltd., 911 Beckwith Rd., Richmond Senkow, J. Iron Works, 1107-7th Ave., Steveston Shaw's Sales and Service Ltd., 334 Van Horne St. S., Cranbrook Singer Valve Co. Ltd., 872 Derwent Way, New Westminster Spin Craft Mfg. Co., 1599 Venables St., Vancouver 6 Third, Geo., and Son Ltd., 882 E. Cordova St., Vancouver Thompson Foy Ltd., Rear 1845 W. Georgia St., Vancouver Tidy Steel-Fab Ltd., 12195 Musqueam Dr., North Surrey United Metal Fabricators Ltd., 1406 W. 73rd Ave., Vancouver Wesgar Industries Ltd., 110 Fell Ave., North Vancouver Western Heat Treating Ltd., 1663 Venables St., Vancouver 6 Wilfro Mfg. Co. Ltd., 3940 Charles St., Burnaby</p>
<p><u>Saskatchewan</u></p> <p>Acme Industries Ltd., 182 Wall St., Saskatoon Beline Mfg. Co. Ltd., Kindersley East, John, Iron Works Ltd., 121 Ave., C. North, Saskatoon Fudge's Industries, 907 Ave., Moosomin Goodman's Steel & Iron Works Ltd., Rocanville Regina Iron Works Ltd., 125-10th Ave. East, Regina Spartan Iron Co. Ltd., 1005 Scarth St., Regina Westcon Construction Products, 1801 Ontario Ave., Saskatoon</p>	
<p><u>Alberta</u></p> <p>Alta. Bend 1963 Ltd., 12230-66th St., Edmonton</p>	



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NOTES TO USERS

1. The detailed explanations of "Concepts and Definitions" omitted from this report may be consulted in any 1965 report in this series. If not available to the user, the relevant pages may be obtained free of charge from the Manufacturing and Primary Industries Division of the Bureau.
2. Tables on principal statistics classified by manufacturing value added, by total value added, and by type of organization, published in the 1966 report as Tables 3, 4 and 6, respectively, have been omitted from this report because of their limited interest. They are available, however, from the Manufacturing and Primary Industries Division. In the case of an extensive request involving a large number of industries, it may be necessary to levy a charge.
3. Users interested in obtaining the value of production (manufacturing activity) can do so by adding cost of materials and supplies used (manufacturing activity), cost of fuel and electricity, and value added (manufacturing activity). The resulting statistic is equivalent in concept to "gross output" shown in Table 7 of the 1966 report.

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