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## Metals

## Métaux

Manufacturing and Primary Industries Division

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### CONSUMPTION OF LEAD AND ZINC

### CONSOMMATION DE PLOMB ET DE ZINC

1977

TABLE 1. Stocks and Consumption of Zinc, 1976 and 1977

TABLEAU 1. Stocks et consommation de zinc, 1976 et 1977

	Primary refined zinc Zinc primaire affiné		Secondary refined zinc Zinc secondaire affiné	
	pounds — livres	kilograms — kilogrammes	pounds (zinc content only) — livres (teneur en zinc exclus)	kilograms (zinc content only) — kilogrammes (teneur en zinc exclus)
<u>1976</u>				
On hand at end of year — En main à la fin de l'année .....	24,743,084	11 223 274	1,487,377	674 663
Used for or in the production of — Utilisé pour la production ou entrant dans la composition de:				
Copper alloys (brass, bronze, etc.) — Alliages cuivreux (laiton, bronze, etc.) .....	24,657,369	11 184 394	1,404,392	637 022
Galvanizing — Galvanisation:				
Electro — Électrolytique .....	2,440,077	1 106 800		
Hot dip — Trempé chaud .....	122,517,829	55 573 152		
Zinc diecast alloy — Alliage de zinc coulé sous pression ..	17,892,417	8 115 864	—	—
Other (including rolled and ribbon zinc, zinc oxide, etc.) — Autres (y compris zinc laminé et en feuillard, oxyde de zinc, etc.) .....	44,734,837	20 291 380	4,384,116	1 988 602
<u>1977</u>				
On hand at end of year — En main à la fin de l'année .....	18,766,151	8 512 183	1,865,684	846 260
Used for or in the production of — Utilisé pour la production ou entrant dans la composition de:				
Copper alloys (brass, bronze, etc.) — Alliages cuivreux (laiton, bronze, etc.) .....	25,154,041	11 409 681	1,145,484	519 583
Galvanizing — Galvanisation:				
Electro — Électrolytique .....	2,589,222	1 174 451		
Hot dip — Trempé chaud .....	136,129,560	61 747 330		
Zinc diecast alloy — Alliage de zinc coulé sous pression ..	25,762,949	11 685 877	—	—
Other (including rolled and ribbon zinc, zinc oxide, etc.) — Autres (y compris zinc laminé et en feuillard, oxyde de zinc, etc.) .....	37,263,003	16 902 213	4,349,722	1 973 001

TABLE 2. Stocks and Consumption of Lead, 1976

TABEAU 2. Stocks et consommation de plomb, 1976

	Primary refined lead (virgin) — Plomb primaire affiné (neuf)	Secondary refined lead — Plomb secondaire affiné	Antimonial lead (excluding scrap) — Plomb antimonisé (déchets exclus)
	pounds — livres	pounds (lead content only) — livres (teneur en plomb exclus)	
On hand at end of year - En main à la fin de l'année .....	6,347,680	6,299,337	7,211,694 <sup>F</sup>
Used for or in the production of - Utilisé pour la production ou entrant dans la composition de:			
Antimonial lead - Plomb antimonisé .....	3,599,456	34,510,136	...
Batteries and battery oxides - Batteries et oxydes de batteries .....	56,242,191	10,627,883	54,266,734 <sup>F</sup>
Cable covering - Enveloppes de cables .....	4,757,338	x	x
Chemical uses, n.e.s. (white lead, red lead, litharge, tetraethyl lead, etc.) - Utilisations chimiques, n.c.a. (blanc de céruse, minium, litharge, plomb tétraéthyle, etc.) .....	45,515,424	x	-
Copper alloys (brass, bronze, etc.) - Alliages cuivreux (laiton, bronze, etc.) .....	767,951	181,708	-
Lead alloys - Alliages de plomb:			
Solders - Soudure .....	4,532,210	11,812,818	243,179 <sup>F</sup>
Other (including babbitts, type metal, etc.) - Autres (y compris régule et métaux analogues, etc.) .....	397,664	7,096,653	x
Semi-finished products (pipe, sheets, traps, bends, block for caulking, ammunition, foil and collapsible tubes, etc.) - Demi-produits (tuyaux, plaques, syphons, coudes, blocs à mater, munitions, feuilles et tubes repliables, etc.) .....	5,913,219	x	x
Other - Autres .....	15,307,234	36,074,439	3,307,221
Primary antimonial lead (lead content only) used during year and included in amount reported above - Plomb primaire antimonisé (teneur en plomb exclusivement) utilisé au cours de l'année et compris ci-dessus .....	...	...	3,340,037
	kilograms — kilogrammes	kilograms (lead content only) — kilogrammes (teneur en plomb exclus)	
On hand at end of year - En main à la fin de l'année .....	2 879 259	2 857 331	3 271 169 <sup>F</sup>
Used for or in the production of - Utilisé pour la production ou entrant dans la composition de:			
Antimonial lead - Plomb antimonisé .....	1 632 686	15 653 534	...
Batteries and battery oxides - Batteries et oxydes de batteries .....	25 511 029	4 820 727	24 614 976 <sup>F</sup>
Cable covering - Enveloppes de cables .....	2 157 892	x	x
Chemical uses, n.e.s. (white lead, red lead, litharge, tetraethyl lead, etc.) - Utilisations chimiques, n.c.a. (blanc de céruse, minium, litharge, plomb tétraéthyle, etc.) .....	20 645 449	x	-
Copper alloys (brass, bronze, etc.) - Alliages cuivreux (laiton, bronze, etc.) .....	348 337	82 421	-
Lead alloys - Alliages de plomb:			
Solders - Soudure .....	2 055 776	5 358 204	110 304 <sup>F</sup>
Other (including babbitts, type metal, etc.) - Autres (y compris régule et métaux analogues, etc.) .....	180 377	3 218 988	x
Semi-finished products (pipe, sheets, traps, bends, block for caulking, ammunition, foil and collapsible tubes, etc.) - Demi-produits (tuyaux, plaques, syphons, coudes, blocs à mater, munitions, feuilles et tubes repliables, etc.) .....	2 682 191	x	x
Other - Autres .....	6 943 245	16 363 090	2 495 767
Primary antimonial lead (lead content only) used during year and included in amount reported above - Plomb primaire antimonisé (teneur en plomb exclusivement) utilisé au cours de l'année et compris ci-dessus .....	...	...	1 605 734

See footnote(s) on page 3. - Voir note(s) à la page 3.

TABLE 3. Stocks and Consumption of Lead, 1977

TABLEAU 3. Stocks et consommation de plomb, 1977

	Primary refined lead (virgin) — Plomb primaire affiné (neuf)	Secondary refined lead — Plomb secondaire affiné	Antimonial lead (excluding scrap) — Plomb antimonié (déchets exclus)
	pounds — livres	pounds (lead content only) — livres (teneur en plomb exclus)	
On hand at end of year - En main à la fin de l'année .....	7,824,750	3,665,415	5,433,035
Used for or in the production of - Utilisé pour la production ou entrant dans la composition de:			
Antimonial lead - Plomb antimonié .....	1,058,071	30,022,027	...
Batteries and battery oxides - Batteries et oxydes de batteries .....	78,840,519	12,658,722	63,148,498
Cable covering - Enveloppes de cables .....	5,524,440	x	x
Chemical uses, n.e.s. (white lead, red lead, litharge, tetraethyl lead, etc.) - Utilisations chimiques, n.c.a. (blanc de céruse, minium, litharge, plomb tétraéthyle, etc.) .....	41,507,735	x	-
Copper alloys (brass, bronze, etc.) - Alliages cuivreux (laiton, bronze, etc.) .....	570,987	197,578	-
Lead alloys - Alliages de plomb:			
Solders - Soudure .....	2,720,492	22,495,509	756,454
Other (including babbitts, type metal, etc.) - Autres (y compris régule et métaux analogues, etc.) .....	470,650	7,075,643	x
Semi-finished products (pipe, sheets, traps, bends, block for caulking, ammunition, foil and collapsible tubes, etc.) - Demi-produits (tuyaux, plaques, syphons, coudes, blocs à mater, munitions, feuilles et tubes repliables, etc.) .....	7,201,547	x	x
Other - Autres .....	4,619,025	29,226,792	3,495,026
Primary antimonial lead (lead content only) used during year and included in amount reported above - Plomb primaire antimonié (teneur en plomb exclusivement) utilisé au cours de l'année et compris ci-dessus .....	...	...	2,947,029
	kilograms — kilogrammes	kilograms (lead content only) — kilogrammes (teneur en plomb exclus)	
On hand at end of year - En main à la fin de l'année .....	3 549 247	1 662 604	2 464 383
Used for or in the production of - Utilisé pour la production ou entrant dans la composition de:			
Antimonial lead - Plomb antimonié .....	479 933	13 617 762	...
Batteries and battery oxides - Batteries et oxydes de batteries .....	35 761 458	5 741 900	28 643 677
Cable covering - Enveloppes de cables .....	2 505 844	x	x
Chemical uses, n.e.s. (white lead, red lead, litharge, tetraethyl lead, etc.) - Utilisations chimiques, n.c.a. (blanc de céruse, minium, litharge, plomb tétraéthyle, etc.) .....	18 827 592	x	-
Copper alloys (brass, bronze, etc.) - Alliages cuivreux (laiton, bronze, etc.) .....	258 995	89 620	-
Lead alloys - Alliages de plomb:			
Solders - Soudure .....	1 233 994	10 203 791	343 122
Other (including babbitts, type metal, etc.) - Autres (y compris régule et métaux analogues, etc.) .....	213 483	3 209 458	x
Semi-finished products (pipe, sheets, traps, bends, block for caulking, ammunition, foil and collapsible tubes, etc.) - Demi-produits (tuyaux, plaques, syphons, coudes, blocs à mater, munitions, feuilles et tubes repliables, etc.) .....	3 266 567	x	x
Other - Autres .....	2 095 154	13 257 050	1 585 317
Primary antimonial lead (lead content only) used during year and included in amount reported above - Plomb primaire antimonié (teneur en plomb exclusivement) utilisé au cours de l'année et compris ci-dessus .....	...	...	1 336 750

... Figures not appropriate or not applicable. - N'ayant pas lieu de figurer.

⊞ Revised figures. - Nombres rectifiés.

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List of Reporting Consumers

Liste des consommateurs déclarants

Name - Nom	Commodities reported - Produits déclarés	Plant location - Localisation de l'usine
Acme Steel Co. of Canada Limited .....	(L)	Scarborough, Ont.
Alcan Smelters and Chemicals Ltd. ....	(L, Z)	Montréal, Qué.
Alcan International Limited (Research Centre) .....	(L, Z)	Kingston, Ont.
American Brass & Aluminum Co. Ltd. ....	(Z)	Edmonton, Alta. - Alb.
Anaconda Canada Limited .....	(L, Z)	Toronto, Ont.
Atomic Energy of Canada Ltd. ....	(L)	Ottawa, Ont.
Babcock & Wilcox Canada Ltd. ....	(L, Z)	Cambridge, (Galt), Ont.
Black Clawson-Kennedy Ltd. ....	(L, Z)	Owen Sound, Ont.
Bond Metal Finishers Co. Ltd. ....	(Z)	LaSalle, Qué.
Canada-Mayer Sealing Devices Reg'd. ....	(L)	Montréal, Qué.
Canada Metal Co. Ltd. ....	(L, Z) (L, Z) (L, Z) (L, Z)	Montréal, Qué. Toronto, Ont. Winnipeg, Man. Vancouver, B.C. - C.-B.
Canada Wire & Cable Co. Ltd. ....	(L, Z)	Toronto, Ont.
Canadian Bronze Co. Ltd. (Central Division) .....	(L, Z)	Winnipeg, Man.
Canadian Carborundum Co. Ltd. ....	(L)	Niagara Falls, Ont.
Canadian General Electric Co. Ltd. ....	(L, Z)	Peteborough, Ont.
Canadian Hanson Ltd. ....	(Z)	Toronto, Ont.
Canadian Occidental Petroleum Ltd. (Hooker Chemicals Division) .....	(L)	North Vancouver, B.C. - C.-B.
Canadian Ohio Brass Co. Ltd. ....	(Z)	Niagara Falls, Ont.
Canadian Vickers Ltd. ....	(Z)	Montréal, Qué.
Canron Limited (Western Bridge Division) .....	(Z)	Vancouver, B.C. - C.-B.
Carter White Lead Co. of Canada Ltd. ....	(L)	Montréal, Qué.
Clow Darling Plumbing & Heating Co. Ltd. ....	(L, Z)	Thunder Bay, Ont.
Cominco Ltd. (all Branches) .....	(L, Z)	Trail, B.C. - C.-B.
Conduits-Amherst Ltd. (Conduits National Division) .....	(Z)	Toronto, Ont.
Cooper Tool Group Ltd. (Nicholson Division) .....	(L, Z)	Port Hope, Ont.
Court Galvanizing .....	(Z)	Guelph, Ont.
Cramco Alloy Sales Limited .....	(L)	Scarborough, Ont.
Daam Galvanizing Co. Ltd. ....	(Z)	Edmonton, Alta. - Alb.
Doehler Canada Limited .....	(Z)	Hamilton, Ont.
Dominion Bridge Co. Ltd. ....	(Z)	Winnipeg, Man.
Dominion Foundries & Steel, Limited .....	(L, Z)	Hamilton, Ont.
Du Pont of Canada Limited .....	(L)	Maitland, Ont.
Duro Aluminum Limited (GSW Metalwares Division) .....	(Z)	Hamilton, Ont.
Dynamic Industries Inc. ....	(Z)	Québec, Qué.
E. S. B. Canada Limited .....	(L, Z)	Toronto, Ont.
Ethyl Corporation of Canada Ltd. ....	(L)	Corunna, Ont.

List of Reporting Consumers - Continued  
 Liste des consommateurs déclarants - suite

Name - Nom	Commodities reported - Produits déclarés	Plant location - Localisation de l'usine
Federated Genco Ltd. ....	(L, Z)	Scarborough, Ont.
Fittings Limited .....	(Z)	Oshawa, Ont.
General Metals Industries .....	(L, Z)	Vancouver, B.C. - C.-B.
General Motors of Canada Ltd. (Battery Division) .....	(L)	Oshawa, Ont.
Giant Battery Co. Ltd. ....	(L)	Richmond, B.C. - C.-B.
Gould Mfg. of Canada Ltd. (Burgess Division) .....	(Z)	Niagara Falls, Ont.
(Industrial Battery Division) .....	(L)	Fort Erie, Ont.
Greening, Donald, Limited .....	(Z)	Hamilton, Ont.
Handy & Harman of Canada Ltd. ....	(Z)	Toronto, Ont.
Hawker Siddeley Canada Limited (Canadian Bridge Division) .....	(Z)	Windsor, Ont.
Hercules Canada Ltd. (Imperial Color & Chemical Dept.) .....	(L)	St-Jean, Qué.
Heroux Limited .....	(L, Z)	Longueuil, Qué.
Hewitt Metals Corporation Ltd. ....	(L, Z)	Windsor, Ont.
Hogarth Calvanizing Ltd .....	(Z)	Malton, Ont.
Hudson Bay Mining & Smelting Co. Ltd. ....	(L)	Flin Flon, Man.
Iberville Fittings Ltd. ....	(Z)	St-Jean, Qué.
Inco Metals Company (a unit of Inco Limited) .....	(L, Z)	Copper Cliff, Ont.
Ingot Metal Co. Ltd. ....	(L, Z)	Toronto, Ont.
Inland Steel & Forgings Ltd. ....	(L)	Winnipeg, Man.
International Bronze Powders Limited (Canbro Division) .....	(L, Z)	Valleyfield, Qué.
Interprovincial Steel & Pipe Corporation Ltd. ....	(Z)	Regina, Sask.
I.T.E. Circuit Breaker (Canada) Ltd. (Eastern Power Devices Division) .....	(Z)	Port Credit, Ont.
Jenkins Bros. Ltd. ....	(L, Z)	Lachine, Qué.
Johnson, Matthey & Mallory Ltd. ....	(Z)	Mount Dennis, Toronto, Ont.
Kester Solder Co. of Canada Ltd. ....	(L, Z)	Brantford, Ont.
Local Industries Ltd. ....	(Z)	Newmarket, Ont.
Lassonde Roofing Nail Ltd. ....	(L, Z)	St-Hyacinthe, Qué.
MacMillan Bloedel & Powell River Limited .....	(L)	Powell River, B.C. - C.-B.
MBE Limited .....	(L, Z)	Winnipeg, Man.
McGraw-Edison of Canada Limited (Power Systems Division) .....	(L, Z)	Scarborough, Ont.
Metal Distributors Ltd. ....	(L, Z)	Vancouver, B.C. - C.-B.
Metals & Alloys Co. Ltd. ....	(L, Z) (L, Z) (L)	Montréal, Qué. Toronto, Ont. Winnipeg, Man.
Morrison Steel & Wire Co. Ltd. ....	(L, Z)	Vancouver, B.C. - C.-B.
Mueller Ltd. ....	(L, Z)	Sarnia, Ont.
National Hardware Specialties Ltd. ....	(Z)	Dresden, Ont.
(Schultz Division) .....	(Z)	Dresden, Ont.
National Standard Co. of Canada Ltd. ....	(L)	Guelph, Ont.

