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**CHEMICALS BRANCH
STATISTICAL REVIEW
1979**



Government
of Canada

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du Canada

Industry, Trade
and Commerce

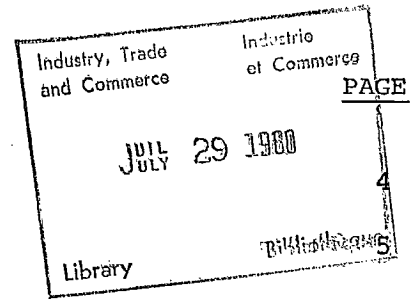
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CHEMICALS & CHEMICAL PRODUCTS
Estimated Value of Shipments

<u>DESCRIPTION</u>	<u>CALENDAR YEAR</u>	<u>CALENDAR YEAR</u>	<u>%</u>
	<u>1978</u>	<u>1979 (p)</u>	<u>CHANGE</u>
	<u>\$'000</u>	<u>\$'000</u>	
Mixed Fertilizers	152,614	193,979	27.1
Plastics & Synthetic Resins	775,202	1,019,725	31.5
Pharmaceuticals & Medicines	933,544	1,105,836	18.5
Paint & Varnish	724,872	688,988	- 5.0
Soap & Cleaning Compounds	672,669	671,355	- 0.2
Toilet Preparations	414,572	490,465	18.3
Industrial Chemicals	3,096,259	4,001,438	29.2
Printing Inks	109,006	140,426	28.8
Other Chemicals	<u>1,081,393</u>	<u>1,190,339</u>	10.1
TOTAL	7,960,131	9,502,551	19.4

(p) Preliminary

SOURCE: Statistics Canada, Catalogue 31-001,
"Inventories, Shipments and Orders
in Manufacturing Industries".

TABLE I

CHEMICAL SHIPMENTS

PRODUCTION OF SPECIFIED CHEMICALS

<u>Description</u>	<u>Calendar Year</u> 1978		<u>Calendar Year</u> 1979		<u>% Change</u>
	<u>M.cu.ft.</u>	<u>M.cu.metres</u>	<u>M.cu.ft.</u>	<u>M.cu.metres</u>	
Acetylene	250,823	7,103	-	-	-
Oxygen Gas and Liquid	5,474,340	155,016	-	-	-
	<u>BBL</u>	<u>cu.metres</u>	<u>BBL</u>	<u>cu.metres</u>	
Benzol (Benzene)	347,312	55,218	413,580	65,754	19.1
	<u>Short Ton</u>	<u>Metric Tonne</u>	<u>Short Ton</u>	<u>Metric Tonne</u>	
Hydrochloric (Muriatic Acid as 100%)	170,385	154,571	169,863	154,097	- 0.3
Phosphoric Wet Process (as 100% P ₂ O ₅)	610,513 ^r	553,848 ^r	807,557	732,603	32.3
Sulphuric Acid, All Grades Including Oleum, as 100%	3,594,467	3,260,846	4,063,030	3,685,919	13.0
Ammonia, Anhydrous, 100%	2,642,900 ^r	2,397,599 ^r	2,657,199	2,410,570	0.5
Ammonium Nitrate (all grades)	959,902 ^r	870,808 ^r	1,002,791	909,717	4.5
Ammonium Nitrate Phosphate (all grades)	x	x	x	x	
Ammonium Phosphate (all grades)	1,299,460	1,178,850	1,481,633	1,344,115	14.0
Ammonium Sulphate	x	x	x	x	
Chlorine	1,036,957	940,712	1,140,053	1,034,239	9.9
Ethylene	910,245	825,760	1,183,866	1,073,986	30.1
Fertilizers, Mixed	742,390	673,485	-	-	
Formaldehyde, 100% Solid Basis	x	x	x	x	
Sodium Chlorate	219,542	199,165	256,579	232,765	16.9
Sodium Hydroxide (Caustic Soda) (as 100% NaOH)	1,142,245	1,036,227	1,256,317	1,139,712	10.0
Urea (all grades)	1,341,698	1,217,168	1,335,644	1,211,676	- 0.5

x - Confidential to Meet Secrecy Requirements

r - Revised Figures

SOURCE: Statistics Canada, Catalogue 46-002, "Specified Chemicals".

TABLE II

SPECIFIED CHEMICAL PRODUCTION

FACTORY SHIPMENTSSYNTHETIC RESINS (ACTUALLY MADE AS SUCH) ⁽¹⁾

<u>Product</u>	<u>Calendar Year</u> 1978		<u>Calendar Year</u> 1979		<u>% Change</u>
	<u>'000 lbs.</u>	<u>metric tonne</u>	<u>'000 lbs.</u>	<u>metric tonne</u>	
Polyethylene Type	1,052,712	477,502	1,302,982	591,023	23.8
Polystyrene Type	217,695	98,745	263,847	119,679	21.2
Polyvinyl Chloride Type	275,032	124,752	335,971	152,394	22.2
Polyesters, unsaturated	44,739	20,293	59,895	27,168	33.9

(1) Figures include net resin content of forms derived from raw resin, as well as resin sold as such, reported by primary resin producers.

SOURCE: Statistics Canada, Catalogue 46-002,
"Specified Chemicals".

TABLE III

SYNTHETIC RESIN SHIPMENTS

INDEX OF REAL DOMESTIC PRODUCT - CHEMICAL AND CHEMICAL
PRODUCTS INDUSTRIES
1971=100
BY QUARTERS 1979

	<u>SEASONALLY ADJUSTED</u>				<u>WITHOUT SEASONAL ADJUSTMENT</u>			
	I	II	III	IV	I	II	III	IV
Chemical & Chemical Products	156.6	155.7	163.1	165.5	160.7	163.9	154.9	161.5
Manufacturers of pharma- ceuticals & medicines	161.3	172.3	176.5	170.2	173.7	172.9	164.4	169.2
Paint & varnish	143.5	125.1	139.1	138.7	136.4	150.7	142.5	115.7
Soaps & cleaning compounds	176.7	144.2	153.8	172.5	191.4	152.1	142.2	161.6
Industrial chemicals	145.9	144.9	157.7	162.3	153.0	149.3	147.3	162.0

SOURCE: Statistics Canada, Catalogue 61-005,
"Index of Real Domestic Product by Industry".

TABLE IV

INDEX REAL DOMESTIC PRODUCT

TRADE IN CHEMICALS AND CHEMICAL PRODUCTS

\$
Millions

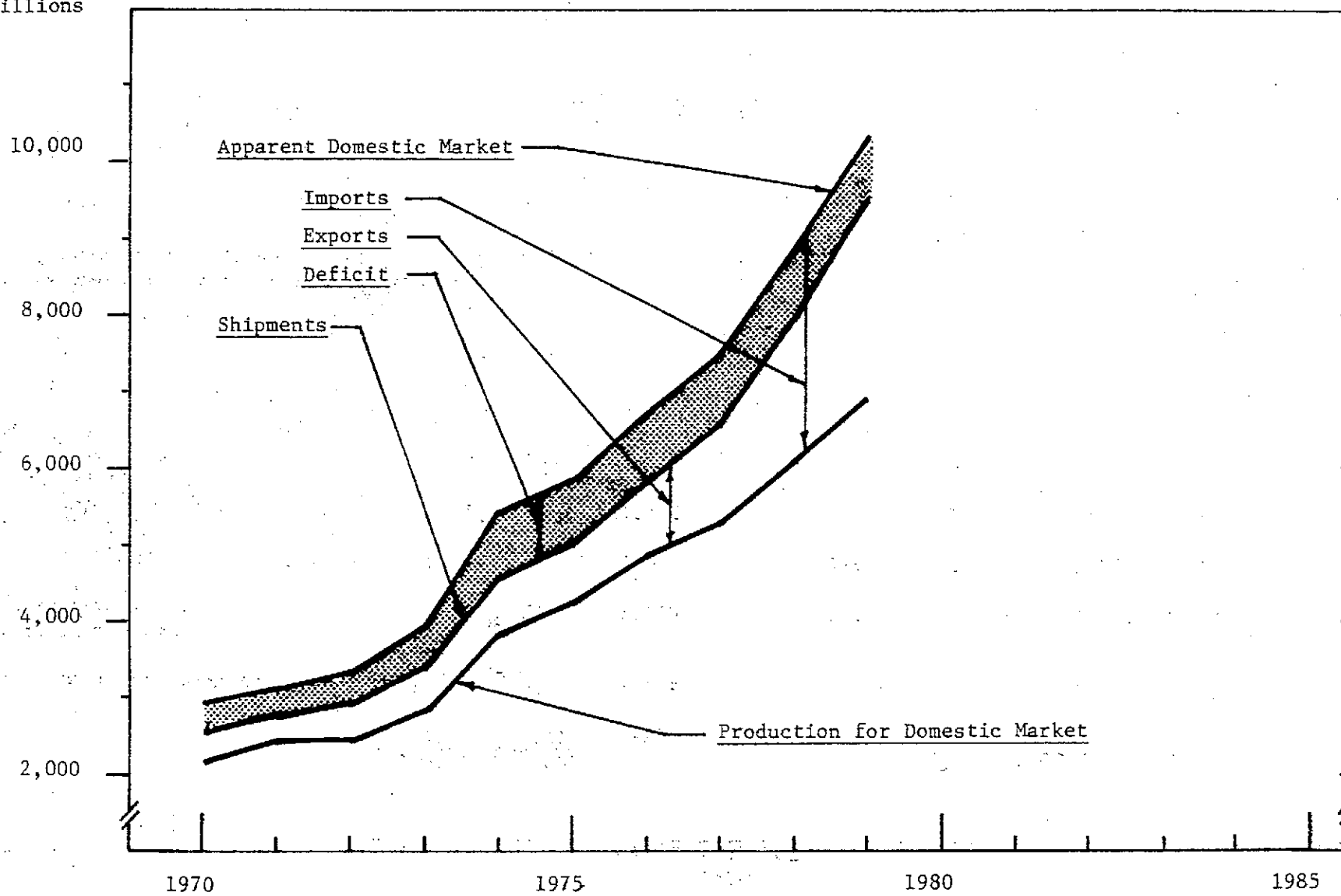


CHART I

IMPORTS OF CHEMICALS AND CHEMICAL PRODUCTS BY SUB-GROUP

<u>DESCRIPTION</u>		CALENDAR YEAR	CALENDAR YEAR	<u>% CHANGE</u>
		1978	1979	
		\$'000	\$'000	
Mixed Fertilizers	SIC 372	19,312	28,710	48.7
Plastics and Synthetic Resins	SIC 373	592,205	695,522	17.4
Pharmaceutical and Medicines	SIC 374	248,415	312,638	25.9
Paint and Varnish	SIC 375	82,601	94,860	14.8
Soaps and Cleaning Compounds	SIC 376	37,512	38,838	3.5
Toilet Preparations	SIC 377	52,280	62,981	20.5
<u>Industrial Chemicals</u>	SIC 378			
Pigments and Dry Colors	SIC 3781	124,692	144,023	15.5
Inorganic Chemicals	SIC 3782	288,703	357,346	23.8
Fertilizer Chemicals	SIC 3782	74,987	106,629	42.2
Organic Chemicals	SIC 3783	<u>569,049</u>	<u>761,450</u>	33.8
SIC 378 TOTAL		1,057,431	1,369,448	29.5
<u>Other Chemicals</u>	SIC 379			
Oils, Fats and Waxes		78,034	89,019	14.1
Agriculture Chemicals Formulated		137,943	173,510	25.8
Adhesives		18,419	20,407	10.8
Industrial Chemical Specialties		398,591	480,453	20.5
Inks		12,305	14,490	17.8
Explosives and Ammunition		<u>25,463</u>	<u>26,326</u>	3.4
SIC 379 TOTAL		670,755	804,205	19.9
Chemicals and Chemical Products TOTAL		2,760,511	3,407,202	23.4

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE V

CHEMICAL IMPORTS
\$'000

IMPORTS OF CHEMICALS & CHEMICAL PRODUCTS
BY CLASS AND COUNTRY

\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MIXED FERTILIZERS SIC 372</u>									
416-89	Prepared fertilizer mixtures	17,913	17,682	45	156	-	-	-	31
416-99	Fertilizers and fertilizer materials, n.e.s	10,797	10,715	28	29	-	-	-	24
	TOTAL	28,710	28,397	73	185	-	-	-	55

TABLE VI

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PLASTICS & SYNTHETIC RESINS SIC 373</u>									
422-05	Styrene-butadiene rubber latex	3,787	3,770	11	6	-	-	-	-
422-06	Neoprene rubber latex	761	760	1	-	-	-	-	-
422-32	Polybutadiene rubber	9,143	7,981	-	597	-	566	-	-
422-36	Neoprene rubber (except latex)	12,045	9,321	8	1,463	-	1,253	-	-
422-40	Styrene-butadiene rubber (except latex)	20,175	15,524	-	2,909	1,713	29	-	-
422-42	Butyl rubber	13,621	10,535	-	2,992	94	-	-	-
422-46	Nitrile rubber (except latex)	2,509	2,020	-	490	-	-	-	-
423-02	Phenol-formaldehyde resins	8,908	8,580	17	301	-	-	-	10
423-04	Melamine-formaldehyde resins	2,405	2,202	15	164	-	23	-	-
423-09	Urea-aldehyde resins	6,367	3,393	1,674	1,140	-	-	-	161
423-11	Polycarbonate resins	19,908	19,901	-	7	-	-	-	-
423-13	Polyester resins, (alkyd & allyl)	29,427	21,828	5,899	1,629	71	-	-	-
423-15	Polyamide resins	22,703	17,888	68	4,479	115	123	-	31
423-18	Polyurethane resins	50,506	46,755	622	3,071	-	4	-	54
423-20	Epoxy resins	13,348	13,220	12	81	17	12	-	7
423-23	Silicone resins	17,952	17,712	8	231	1	-	-	-
423-26	Ion-exchange resins	6,914	6,582	9	252	-	71	-	-
423-27	Polyether resins	28,044	27,384	165	329	2	53	-	111
423-29	Resins from condensation etc., n.e.s.	13,817	13,134	188	331	75	61	-	27
423-31	Acrylic resins	25,488	20,471	3,301	1,701	1	14	-	-
423-32	Polyethylene resins, low density	26,465	26,188	26	59	136	55	1	-
423-34	Polyethylene resins, high density	34,181	34,007	2	171	-	-	-	1

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PLASTICS & SYNTHETIC RESINS (Cont.)</u>									
423-35	Acrylonitrile-butadiene-styrene (ABS) resins	6,842	6,607	16	74	-	116	-	29
423-36	Styrene copolymers n.e.s.	13,103	12,922	-	109	-	72	-	-
423-37	Polystyrene resins, n.e.s.	22,419	22,181	3	222	-	1	-	12
423-41	Vinylidene resins	3,887	3,229	-	659	-	-	-	-
423-44	Vinyl chloride resins	48,624	42,530	12	3,054	-	45	13	2,960
423-45	Polyvinyl acetate resin	2,665	2,333	10	323	-	-	-	-
423-46	Polyvinyl chloride acetate copolymers	3,359	3,329	-	30	-	-	-	-
423-48	Polyvinyl resin copolymers n.e.s.	6,837	6,514	-	169	-	154	-	-
423-49	Vinyl resins, n.e.s.	11,336	7,424	40	960	-	2,510	-	403
423-51	Coumarone-indene resins	774	736	-	37	-	-	-	-
423-53	Polypropylene resins	25,813	24,266	485	923	-	-	-	138
423-55	Resins from polymerization & copolymerization n.e.s.	35,952	31,375	401	3,757	15	402	-	3
423-58	Synthetic resins derived from natural resins and tall oil	9,412	9,341	57	15	-	-	-	-
423-59	Synthetic resin scrap and waste	3,447	3,165	25	253	-	-	-	5

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PLASTICS & SYNTHETIC RESINS (Cont.)</u>									
423-62	Cellulose nitrate, except explosive grades	5,432	2,912	25	2,144	-	-	-	353
423-64	Cellulose acetate	15,015	15,003	9	3	-	-	-	-
423-66	Cellulose acetate butyrate	2,621	2,621	-	-	-	-	-	-
423-89	Cellulose plastics n.e.s. including cellulose plastic scrap and waste	19,306	11,700	583	5,051	-	332	-	1,640
423-99	Plastic materials, not shaped, n.e.s.	16,478	14,732	411	1,193	-	-	-	143
424-65	Cellulose acetate film & sheet	19,307	16,903	2,356	47	-	-	-	-
424-82	Regenerated cellulose film and sheet	2,382	1,351	661	361	-	9	-	-
424-87	Vulcanized fibre in rolls or sheet	693	634	1	-	58	-	-	-
424-89	Cellulosic film & sheet n.e.s.	1,754	1,734	2	18	-	-	-	-
422-10	Latex synthetic crude, all types	12,191	11,992	108	91	-	1	-	-
422-50	Synthetic rubber except latex	37,399	32,494	-	2,283	204	1,788	-	630
<u>PLASTICS & SYNTHETIC RESINS TOTAL</u>		<u>695,522</u>	<u>617,184</u>	<u>17,231</u>	<u>44,179</u>	<u>2,502</u>	<u>7,694</u>	<u>14</u>	<u>6,718</u>

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PHARMACEUTICALS & MEDICINES SIC 374</u>									
206-99	Animal materials used in drugs	1,245	1,097	4	101	-	-	-	43
214-99	Crude drugs, herbs & plant parts for medicines, etc.	4,545	1,477	133	389	71	15	9	2,453
412-91	Sulphonamides, in bulk	9,086	3,764	78	2,532	1,117	280	-	1,316
413-01	Vitamin A, in bulk	2,340	446	50	1,806	25	-	-	13
413-02	Riboflavin in bulk	3,287	858	7	992	999	410	-	21
413-03	Niacin and niacinamide in bulk	2,499	791	-	-	1,524	-	-	184
413-04	Vitamin B ₁₂ in bulk	414	212	50	107	14	-	-	31
413-05	Vitamin C in bulk	7,452	2,136	35	1,355	3,260	251	-	416
413-07	Vitamin E in bulk	6,010	5,227	-	511	21	251	-	-
413-09	Dietary supplements n.e.s., bulk	6,101	1,851	142	842	1,328	1,832	-	105
413-20	Hormones, adrenal cortical in bulk	8,922	2,808	1,327	749	373	-	-	3,666
413-29	Hormones n.e.s., in bulk	2,998	1,027	110	759	104	-	27	971
413-30	Enzymes, in bulk	5,266	2,766	259	1,834	132	5	-	268
413-50	Vegetable alkaloids, narcotic, bulk	6,372	-	4,003	594	11	-	-	1,762

TABLE VI (Cont'd)

CHEMICAL IMPORTS

\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PHARMACEUTICALS & MEDICINES (Cont.)</u>									
413-55	Caffeine, in bulk	1,809	112	36	1,445	-	163	-	53
413-59	Vegetable alkaloids, non narcotic	13,760	479	245	2,963	9,740	-	48	285
413-63	Penicillin and derivatives, in bulk	19,173	8,725	3,962	3,022	84	411	1,680	1,288
413-67	Streptomycin and dihydrostreptomycin	1,480	990	404	53	-	33	-	-
413-68	Streptomyces derivatives n.e.s., bulk	25,317	6,527	1,551	1,937	-	1	-	15,303
413-69	Antibiotics n.e.s., in bulk	7,602	2,629	496	2,152	-	-	31	2,293
871-20	Blood & blood fractions	18,836	16,485	20	1,509	-	-	-	822
871-35	Cortical hormones, in dosage	521	348	16	102	-	-	-	54
871-62	Sex hormones, in dosage	790	307	64	14	-	-	-	406
871-65	Bacteriological products (sera vaccines) for human use, n.e.s.	8,137	7,793	115	119	8	-	-	102
871-99	Biological products for human use, n.e.s., dosage	3,322	1,870	245	253	185	-	-	769

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PHARMACEUTICALS & MEDICINES (Cont.)</u>									
872-24	Penicillin, in dosage	3,399	1,816	858	385	-	68	-	272
872-52	Streptomycin & dihydro-streptomycin, dosage	136	136	-	-	-	-	-	-
872-99	Antibiotics, n.e.s., in dosage	8,727	3,138	2,450	1,603	14	49	-	1,472
874-07	Ascorbic acid, (Vitamin C) and salts, dosage	1,084	563	-	117	403	-	-	-
874-23	Niacin (nicotinic acid) and niacinamide, (nicotinamide) in dosage	101	71	-	3	27	-	-	-
874-26	Riboflavin, Vitamin B2, in dosage	37	17	-	1	19	-	-	-
874-36	Vitamin A, in dosage	106	87	7	12	-	-	-	-
874-49	Vitamin B12, except complex, dosage	95	79	-	16	-	-	-	-
874-56	Vitamin E, tocopherol, in dosage	1,074	972	102	-	-	-	-	-
874-99	Vitamins & preparations, n.e.s., dosage	6,066	5,793	20	117	44	-	-	94

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PHARMACEUTICALS & MEDICINES (Cont.)</u>									
878-12	Veterinary biological products (sera vaccine)	5,470	4,976	404	34	-	-	-	55
878-14	Veterinary antibiotic preparations, dosage	3,304	1,384	1,490	426	-	-	-	5
878-49	Veterinary medicines, n.e.s.	13,163	7,437	1,063	1,935	1,476	-	2	1,251
878-89	Antibiotic & vitamin feed supplements	8,727	1,945	391	2,889	3,343	90	-	69
878-99	Other veterinary medicines for use in feed supplements	7,148	4,518	2,083	284	55	194	-	15
879-31	Narcotics, in dosage	321	306	-	2	6	-	-	8
879-51	Sulphonamides & their salts, dosage	1,098	1,009	-	25	33	-	-	30
879-60	Barbiturates and amphetamines	369	363	-	-	-	-	-	6
879-73	Caffeine and salts, in dosage	46	-	-	46	-	-	-	-
879-92	Fish liver & visceral oils, pharmaceutical dose	57	30	-	-	-	-	-	28
879-99	Medicinal & pharmaceutical products, n.e.s, dosage	84,826	41,566	16,917	14,545	1,983	236	32	9,547
<u>PHARMACEUTICALS & MEDICINES TOTAL</u>		<u>312,638</u>	<u>146,931</u>	<u>39,137</u>	<u>48,580</u>	<u>26,399</u>	<u>4,289</u>	<u>1,829</u>	<u>45,478</u>

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PAINT & VARNISH SIC 375</u>									
428-16	Paste paints including white lead & paint colour in oil	2,571	2,434	26	101	9	-	-	-
428-29	Paints, n.e.s.	37,077	36,246	125	596	8	3	-	97
428-33	Ceramic, enamelling & glass paints	3,568	2,766	656	129	3	-	12	1
428-37	Special purpose paints, n.e.s.	4,383	4,084	143	144	1	-	-	10
428-40	Varnishes & prepared shellacs	3,969	3,722	31	190	18	2	-	7
428-59	Lacquers	6,440	6,243	2	127	29	12	-	25
428-90	Paints & related products n.e.s.	4,345	4,154	59	120	3	1	-	9
428-99	Stains, thinners, fillers & related products, n.e.s.	32,507	25,599	1,224	3,956	71	103	74	1,480
<u>PAINT & VARNISH TOTAL</u>		<u>94,860</u>	<u>85,248</u>	<u>2,266</u>	<u>5,363</u>	<u>142</u>	<u>121</u>	<u>86</u>	<u>1,629</u>

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>SOAP & CLEANING COMPOUNDS SIC 376</u>									
429-48	Glycerin crude	2,029	2,029	-	-	-	-	-	-
429-49	Glycerin refined	1,686	1,686	-	-	-	-	-	-
800-61	Toilet soap	8,588	5,843	1,558	824	2	11	-	350
800-63	Soap powders & flakes	420	342	40	38	-	-	-	-
800-65	Liquid soap	559	531	28	-	-	-	-	-
800-67	Soap, n.e.s.	840	576	46	130	31	-	-	57
800-70	Detergents, laundry, household type	2,433	2,432	-	1	-	-	-	-
800-71	Detergents, household, n.e.s.	9,744	9,683	24	36	-	-	-	1
800-73	Washing & cleaning preparations, n.e.s.	12,539	12,169	158	59	103	38	-	12
SOAP & CLEANING COMPOUNDS TOTAL		38,838	35,291	1,854	1,088	136	49	-	420
<u>TOILET PREPARATIONS SIC 377</u>									
800-19	Perfumes, toilet waters & colognes	10,400	3,080	236	6,790	19	6	-	268
800-49	Toilet preparations & cosmetics, n.e.s.	52,581	36,541	1,725	13,082	353	425	-	455
TOILET PREPARATIONS TOTAL		62,981	39,621	1,961	19,872	372	431	-	723

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS SIC 378</u>									
<u>Pigments & Drycolours SIC 3781</u>									
<u>Dyestuffs except dyeing extracts</u>									
426-05	Acid dyestuffs (acid)	14,865	4,223	1,798	6,294	2,346	-	-	203
426-08	Azoic dyestuffs (azoic)	385	88	-	278	-	19	-	-
426-11	Modified basic dyestuffs (basic)	2,866	256	104	1,940	564	-	-	1
426-12	Basic dyestuffs, n.e.s.	6,633	1,762	194	4,433	36	-	-	209
426-15	Chrome dyestuffs (chrome)	343	76	6	220	25	-	-	16
426-20	Direct & developed dyestuffs (D. & D.)	5,815	2,173	794	1,242	992	45	-	569
426-21	Dispersed or acetate dyestuffs (dispersed)	12,054	3,714	1,443	5,452	1,383	61	-	-
426-25	Sulphur dyestuffs (sulphur)	2,683	2,170	3	510	-	-	-	1
426-30	Vat dyestuffs including indigo (vat)	6,011	1,660	353	3,844	89	59	-	6

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Pigments and Drycolours (Cont.)</u>									
426-40	Oil, spirit & wax dyestuffs (OSW)	2,871	2,092	110	415	205	45	-	3
426-45	Food, drug & cosmetic dyestuffs (FD & C)	2,400	1,052	985	36	289	33	-	4
426-69	Organic optical brighteners (OB)	4,991	2,677	529	1,453	332	-	-	-
426-72	Reactive dyestuffs (reactive)	8,341	559	1,131	5,654	978	19	-	-
426-99	Dyestuffs, n.e.s. (dyes, n.e.s.)	11,699	7,957	622	2,091	306	473	-	249
	SUB-TOTAL	81,957	30,459	8,072	33,862	7,545	754	-	1,261

Pigments, Lakes & Toners

427-13	Organic orange & yellow pigments	6,524	1,191	770	3,102	1,346	-	-	116
427-15	Organic blue & green pigments	9,016	2,016	1,587	4,972	237	174	-	30
427-18	Organic red & maroon pigments	8,176	4,107	370	2,760	737	-	-	202

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Pigments and Drycolours (Cont.)</u>									
<u>Pigments, Lakes & Toners (Cont.)</u>									
427-33	Inorganic orange and yellow pigments	1,839	1,672	22	123	7	-	-	16
427-35	Inorganic blue and green pigments	1,736	857	810	2	-	-	-	67
427-38	Inorganic red and maroon pigments	740	602	115	19	1	-	-	3
427-49	Textile pigments (except spin dyeing colours (TP)	5,872	2,981	155	2,704	33	-	-	-
427-72	Titanium dioxide, extended	1,872	370	1,331	168	3	-	-	-
427-75	Whiting	1,226	944	55	223	-	4	-	-
427-92	Luminescent, agents for paints, n.e.s. (L.F.P.)	4,361	4,191	111	37	22	-	-	-
427-99	Pigments, colour lakes & toners, n.e.s.	20,704	17,386	718	1,655	181	121	-	642
	SUB-TOTAL	62,066	36,317	6,044	15,765	2,567	299	-	1,076
PIGMENTS AND DRYCOLOURS TOTAL		144,023	66,776	14,116	49,627	10,112	1,053	-	2,337

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Inorganic Chemicals SIC 3782</u>									
400-03	Chlorine	3,040	3,040	-	-	-	-	-	-
400-08	Iodine	1,838	140	-	-	-	1,698	-	-
400-25	Acetylene black, carbon black, & lamp black	6,826	6,653	96	77	-	-	-	-
400-49	Hydrogen, rare gases & other non-metals	14,127	11,666	69	369	-	342	-	1,683
400-51	Sodium metal	8,583	8,579	5	-	-	-	-	-
400-81	Mercury	502	190	10	261	-	-	-	41
400-99	Chemical elements, n.e.s.	2,047	1,761	47	132	-	-	-	106
401-15	Sulphuric acid, incl. oleum	7,287	5,688	204	661	-	-	456	278
401-31	Boric (boracic) acid and boric oxide	7,847	5,538	117	1,797	-	-	-	396
401-62	Silica gel	9,954	8,179	530	1,244	-	-	-	-
401-99	Inorganic acids & oxygen compounds, n.e.s.	13,715	11,191	235	737	-	159	1,360	34

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Inorganic Chemicals (Cont.)</u>									
402-02	Ammonia	10,507	10,507	-	-	-	-	-	-
402-05	Sodium hydroxide (caustic soda liquid)	38,855	29,954	-	8,076	-	-	-	825
402-06	Sodium hydroxide (caustic soda dry)	2,330	1,126	1	472	-	-	-	732
402-09	Potassium hydroxide (caustic potash)	1,637	1,408	-	103	-	37	-	89
402-12	Sodium & potassium peroxides	39	39	-	-	-	-	-	-
402-19	Strontium, barium & magnesium, oxides hydroxides and peroxides	5,845	5,533	85	154	-	17	-	57
402-21	Zinc oxides and peroxides	1,727	1,463	207	41	-	-	15	-
402-32	Chromium oxides and hydroxides	4,257	3,916	181	159	-	-	-	-
402-40	Iron oxides, natural or synthetic	6,550	3,471	410	2,432	-	-	-	236

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Inorganic Chemicals (Cont.)</u>									
402-48	Titanium dioxide, pure	11,901	5,111	1,607	4,906	-	-	-	278
402-57	Lead oxide (litharge), red lead, mineral orange	525	327	33	-	-	-	59	107
402-61	Antimony oxides	3,192	258	2,637	297	-	-	-	-
402-81	Copper oxides & hydroxides	766	474	26	38	-	-	-	228
402-87	Molybdenum oxide & hydroxide	7,388	5,855	254	59	-	-	-	1,221
402-99	Inorganic bases and metallic oxides, hydroxides & peroxides, n.e.s.	16,700	6,865	1,410	881	-	731	-	6,814
403-19	Fluorides & other fluorine salts	7,665	3,706	218	958	2	2,191	-	590
403-22	Calcium chloride	1,947	1,939	9	-	-	-	-	-
403-36	Chlorides & oxy-chlorides, n.e.s.	10,024	4,256	4,066	898	-	429	43	331

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Inorganic Chemicals (Cont.)</u>									
403-38	Calcium hypochlorite	5,369	4,172	-	39	-	1,158	-	-
403-39	Chlorites & hypochlorites, n.e.s.	510	157	-	353	-	-	-	-
403-45	Chlorates & perchlorates	1,152	746	1	2	-	-	-	403
403-54	Sodium sulphide & tetrasulphide	293	173	69	44	-	-	-	6
403-55	Sodium hydrosulphide (sulphydrate)	698	684	6	8	-	-	-	-
403-56	Dithionites & sulphonylates incl. sodium hydrosulphite	8,969	6,254	741	1,974	-	-	-	-
403-58	Sodium sulphite	1,190	467	216	164	-	344	-	-
403-59	Sulphites & thiosulphates, n.e.s.	1,437	663	216	535	-	1	-	21
403-62	Sodium sulphate salt cake & Glauber's salt)	836	197	639	-	-	-	-	-
403-65	Sodium bisulphate (nitre cake)	534	247	287	-	-	-	-	-
403-71	Zinc sulphate	826	508	15	61	-	-	61	182

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Inorganic Chemicals (Cont.)</u>									
403-73	Aluminum sulphate	452	439	-	11	-	2	-	-
403-79	Copper sulphate	464	266	11	-	-	-	-	188
403-80	Chromium sulphates incl. basic	1,226	932	237	33	-	-	-	25
403-84	Sulphates (incl. alums) & persulphates, n.e.s.	5,786	3,112	1,275	1,149	-	39	-	211
403-88	Potassium nitrate (saltpeter)	978	752	-	50	-	-	-	176
403-91	Nitrites & nitrates, n.e.s.	5,131	4,049	16	439	-	-	-	626
403-95	Sodium phosphate, tribasic	332	244	-	88	-	-	-	-
403-99	Sodium phosphates, n.e.s.	3,204	2,963	17	224	-	-	-	-
404-01	Potassium phosphates	1,095	1,001	-	24	-	-	-	70
404-06	Calcium phosphates	6,989	6,106	-	-	-	-	-	883

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Inorganic Chemicals (Cont.)</u>									
404-16	Sodium carbonate, including sal soda	15,022	15,001	2	19	-	-	-	-
404-17	Sodium bicarbonate	4,251	3,779	387	35	-	-	-	50
404-19	Sodium sesquicarbonate	585	585	-	-	-	-	-	-
404-21	Potassium carbonate	631	528	-	103	-	-	-	-
404-27	Barium carbonate	1,195	69	-	878	-	-	-	249
404-37	Carbonates & percarbonates, n.e.s.	4,951	3,339	967	270	-	-	-	376
404-41	Sodium cyanide	5,431	642	3,945	649	-	161	-	34
404-49	Cyanides & complex cyanides, n.e.s.	1,339	390	256	608	-	-	-	85
404-50	Sodium silicates, incl. solutions	993	685	8	300	-	-	-	-
404-56	Potassium silicates	411	226	-	186	-	-	-	-
404-57	Silicates, n.e.s.	677	657	1	2	-	-	-	17
404-58	Sodium borate (borax)	11,395	11,233	29	10	-	-	-	123

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Inorganic Chemicals (Cont.)</u>									
404-66	Sodium bichromate	5,752	5,058	1	351	-	-	-	342
404-79	Chromates, permanganates, stannates & similar salts, n.e.s.	3,946	3,424	247	115	-	-	-	160
404-99	Metallic salts & peroxy-salts of inorganic acids, n.e.s.	8,255	6,014	1,594	536	-	26	-	86
405-09	Halogen & sulphur compounds of non-metals	3,055	2,810	135	110	-	-	-	-
405-21	Radium & compounds	3	1	2	-	-	-	-	-
405-32	Radioactive elements and isotopes, n.e.s.	12,163	11,169	111	763	-	72	-	48
405-99	Other inorganic chemicals, n.e.s.	15,935	12,817	715	1,284	-	-	-	1,119
410-52	Tricresyl phosphates	232	58	174	-	-	-	-	-
410-99	Inorganic esters, salts & deriv., n.e.s.	6,032	4,596	684	661	75	8	-	8
<u>INORGANIC CHEMICALS SUB-TOTAL</u>		<u>357,346</u>	<u>266,046</u>	<u>25,461</u>	<u>36,830</u>	<u>77</u>	<u>7,415</u>	<u>1,994</u>	<u>19,517</u>

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.		All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Fertilizer Chemicals SIC 3782</u>									
416-31	Urea	15,269	15,244	1	24	-	-	-	-
416-33	Sodium nitrate	3,005	1,105	-	19	-	-	-	1,881
416-39	Nitrogen solutions	1,779	1,779	-	-	-	-	-	-
416-48	Ammonium sulphate	1,488	1,249	57	182	-	-	-	-
416-49	Nitrogenous fertilizers, mineral or chem., n.e.s.	3,672	3,650	1	1	-	-	-	19
416-54	Superphosphate 22% or less, phosphoric acid	250	250	-	-	-	-	-	-
416-55	Superphosphate, more than 22% phosphoric acid	10,878	10,874	-	3	-	-	-	-
416-58	Phosphatic fertilizers, n.e.s.	63,834	62,705	-	684	-	-	-	444
416-66	Potassium sulphate	2,456	2,436	21	-	-	-	-	-
416-69	Potassic fertilizers, n.e.s.	3,998	3,998	-	-	-	-	-	-
FERTILIZER CHEMICALS TOTAL		106,629	103,290	80	913	-	-	-	2,344

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals SIC 3783</u>									
406-07	Butylenes	5,131	5,131	-	-	-	-	-	-
406-09	Butadiene	15,550	15,550	-	-	-	-	-	-
406-10	Isoprene	1,507	1,507	-	-	-	-	-	-
406-21	Benzol (Benzene)	4,827	4,827	-	-	-	-	-	-
406-22	Toluol (Toluene)	7,391	1,572	-	-	-	5,819	-	-
406-23	Xylol (Xylene)	6,780	6,780	-	-	-	-	-	-
406-24	Hexane	1,193	1,193	-	-	-	-	-	-
406-25	Ethylene	235	235	-	-	-	-	-	-
406-33	Hydrocarbons, n.e.s.	4,147	4,034	5	108	-	-	-	-
406-35	Methyl chloride	1,364	1,364	-	-	-	-	-	-
406-40	Ethylene bromide	3,745	3,745	-	-	-	-	-	-
406-42	Chloroform	2,336	978	-	1,357	-	-	-	-
406-53	Trichlorethylene	319	319	-	-	-	-	-	-
406-59	Chlorofluorohydrocarbons, n.e.s.	1,519	1,368	151	-	-	-	-	-
406-64	Chlorobenzene, mono-ortho-di, meta-di, para-di	3,304	3,008	-	296	-	-	-	-

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
406-83	Aldrin, technical	-	-	-	-	-	-	-	-
406-87	D.D.T. technical	-	-	-	-	-	-	-	-
406-88	Methylene chloride	3,783	2,003	-	1,779	-	-	-	-
406-91	Vinyl chloride monomer	32,851	32,851	-	-	-	-	-	-
406-92	1,1,1-Trichloroethane	1,598	1,598	-	-	-	-	-	-
406-99	Derivatives of hydrocarbons, n.e.s.	14,237	9,031	336	2,820	623	832	-	594
407-05	Methyl alcohol	100	100	-	-	-	-	-	-
407-21	Butyl alcohol, normal	146	146	-	-	-	-	-	-
407-61	Ethylene glycol, mono	6,140	6,140	-	-	-	-	-	-
407-65	Menthol, natural & synthetic	1,039	738	18	-	-	28	-	255
407-78	Iso-octyl alcohol	144	119	10	15	-	-	-	-
407-82	Trimethylolethane	832	832	-	-	-	-	-	-
407-93	Decyl alcohol	2,117	2,117	-	-	-	-	-	-
407-95	Fatty alcohols, n.e.s. (incl. sulphonated)	8,238	5,983	51	2,193	-	12	-	-
407-97	Sorbitol	4,854	4,624	-	230	-	-	-	-
407-99	Alcohols & their deriv. n.e.s.	9,945	7,734	127	1,394	15	99	23	554

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
408-02	Phenol (carbolic acid)	6,607	6,607	-	-	-	-	-	-
408-03	Cresols	1,933	937	838	76	-	81	-	-
408-04	Cresylic acid	576	552	25	-	-	-	-	-
408-11	Resorcinol	2,955	2,955	-	-	-	-	-	-
408-13	Phenols & phenol alcohols, n.e.s.	6,351	4,479	1,046	513	-	214	-	98
408-15	Phenols, chlorinated	1,385	1,243	44	80	-	-	-	17
408-18	Deriv. of phenols & phenol alcohols, n.e.s.	1,318	849	-	468	-	1	-	-
408-30	Ethers, ether-alcohols, ether-phenols, alcohol, peroxides & ether peroxide and deriv.	12,565	11,600	428	468	26	5	-	39
408-36	Epichlorohydrin	3,392	838	-	2,553	-	-	-	-
408-37	Epoxides, epoxyalcohols, epoxy phenols, epoxy-ethers and deriv.	1,292	1,281	4	6	-	1	-	-
408-40	Acetals, hemiacetals & their deriv.	306	164	-	138	-	-	-	5
408-45	Formaldehydes & para-formaldehydes	2,657	2,657	-	-	-	-	-	-

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
408-56	Vanillin	100	12	9	78	-	-	-	-
408-57	Acetaldehyde	4,875	4,875	-	-	-	-	-	-
408-59	Aldehyde function compds., n.e.s.	2,142	1,904	41	171	16	5	-	5
408-89	Ketone & quinone function compds.	12,675	9,987	196	2,156	79	9	-	248
409-02	Formic acid	330	173	157	-	-	-	-	-
409-05	Butyl acrylate	6,857	6,833	-	24	-	-	-	-
409-07	Ethyl acrylate	6,346	6,346	-	-	-	-	-	-
409-09	Acrylic acids & their esters	2,887	2,868	6	12	-	1	-	-
409-15	Methyl methacrylate	18,636	18,057	33	546	-	-	-	-
409-19	Methacrylic acid & derivatives, n.e.s.	5,035	4,819	164	52	-	-	-	-
409-21	Vinyl acetate	12,274	12,274	-	-	-	-	-	-
409-29	Acetic acid & its derivatives, n.e.s.	12,567	11,419	935	84	7	52	70	-
409-42	Stearic acid	954	573	22	37	-	-	-	322

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
409-50	Lauric acid	160	124	36	-	-	-	-	-
409-52	Oleic acid (red oil)	106	39	67	-	-	-	-	-
409-57	Benzoic acid & benzoates	1,740	1,593	8	123	-	-	-	16
409-59	Monoacids & deriv., n.e.s.	14,700	8,341	2,543	2,863	-	590	-	363
409-62	Oxalic acid	722	24	-	570	-	-	-	129
409-63	Azelaic acid	852	852	-	-	-	-	-	-
409-65	Fumaric acid	903	696	-	99	-	4	-	104
409-71	Isophthalic acid	1,810	1,810	-	-	-	-	-	-
409-72	Phthalic anhydride	982	963	-	-	-	-	-	18
409-73	Paraphthalic acid	23,451	23,451	-	-	-	-	-	-
409-74	Adipic acid	2,718	1,423	751	543	-	-	-	-
409-79	Phthalates & phthalate esters, n.e.s.	9,478	9,116	176	186	-	-	-	-
409-81	Polyacids & deriv., n.e.s.	7,238	6,863	11	201	-	16	-	147
409-83	Lactic acid	500	150	128	13	-	40	-	170

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
409-86	Tartaric acid	756	79	-	306	12	-	-	360
409-93	Acetylsalicylic acid (except in tablet or dosage form)	3,624	727	2,390	448	-	-	-	60
409-94	2,4-Dichlorophenoxy-acetic acid, technical	761	468	-	293	-	-	-	-
409-96	Methylchlorophenoxy-acetic acid	2,774	853	455	1,466	-	-	-	-
409-98	Oxygen function acids & deriv., n.e.s.	43,937	13,668	2,776	22,955	27	184	6	4,322
411-24	Hexamethylene diamine	3,001	3,001	-	-	-	-	-	-
411-25	Amine function compds. n.e.s.	54,970	37,243	3,883	5,126	6,021	618	161	1,917
411-34	Ethanolamines (mono-di-tri)	2,181	1,942	156	78	-	-	-	4
411-43	Phenetidines (ortho-meta-, para)	-	-	-	-	-	-	-	-
411-45	Sodium glutamate, mono-	5,354	464	-	836	-	2,760	-	1,293
411-47	Sodium nitrilo-triacetate	24,262	24,258	-	4	-	-	-	-

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
411-49	Single or complex oxygen function & amino compds., n.e.s.	27,580	7,754	4,041	2,208	7,702	4,122	39	1,716
411-51	Choline chloride	2,138	1,520	61	555	2	-	-	-
411-52	Quaternary ammonium salts, n.e.s.	2,597	2,354	152	77	14	-	-	-
411-59	Amide function compds.	15,738	5,805	1,747	5,275	2,567	74	2	269
411-63	Hexamethylene tetramine	673	519	-	-	-	-	-	154
411-64	Imide function & imine function compounds, n.e.s.	2,889	633	1,134	307	293	253	-	269
411-71	Acrylonitrile	16,755	16,755	-	-	-	-	-	-
411-74	Acetonitrile	591	589	-	-	1	-	-	-
411-75	Nitrile function compounds, n.e.s.	1,717	486	723	356	58	95	-	-
411-82	Isocyanates	17,492	16,903	63	503	-	24	-	-
411-99	Nitrogen-function compounds, n.e.s.	6,015	2,515	340	2,608	133	67	-	353

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
412-04	Xanthates	1,050	133	28	838	-	-	50	-
412-12	Dithiocarbamates	203	110	22	71	-	-	-	-
412-20	Mercaptans	2,631	1,738	4	778	-	85	-	27
412-23	Methionine	7,824	3,720	-	3,407	-	695	-	-
412-29	Organo-sulphur compounds, n.e.s.	31,602	5,898	1,354	23,845	5	245	-	256
412-54	Silicone fluids	3,380	3,167	-	211	2	-	-	-
412-59	Other organo-inorganic compounds, n.e.s.	6,057	4,834	497	637	59	30	-	-
412-63	Thiazoles (except sulfathiazole)	7,933	3,880	3,442	569	9	-	-	33
412-65	Morpholine	1,381	464	374	543	-	-	-	-
412-66	Caprolactam	13,443	13,192	-	15	-	236	-	-
412-79	Heterocyclic compds. n.e.s. incl. nucleic acids	108,299	25,516	5,344	34,590	33,835	1,970	2,002	5,043
413-99	Organic chemicals, n.e.s.	1,831	1,212	358	155	63	23	-	19

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>									
<u>Organic Chemicals (Cont.)</u>									
429-70	Animal charcoal	1,536	59	1,270	146	-	45	-	16
429-85	Naphthenic acid	268	219	-	-	-	-	-	49
429-87	Metal naphthenates	460	160	300	-	-	-	-	-
ORGANIC CHEMICALS TOTAL		761,450	498,212	39,280	131,458	51,569	19,334	2,353	19,244
INDUSTRIAL CHEMICALS TOTAL		1,369,448	934,324	78,937	218,828	61,758	27,802	4,347	43,442

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS SIC 379</u>									
<u>Essential Oils, Fats, Waxes and Vegetable Extracts</u>									
394-15	Carnauba wax	403	241	-	-	-	-	-	162
394-49	Waxes, animal and vegetable, n.e.s.	408	387	21	-	-	-	-	-
395-59	Chem. modified oils, fats and waxes	4,810	3,845	25	690	-	-	-	252
395-75	Tall oil fatty acids	3,306	3,306	-	-	-	-	-	-
395-99	Mixtures, residues and derivatives of oils, fats, n.e.s.	19,589	15,860	3,319	156	-	-	-	254
396-10	Chestnut extract	190	80	-	109	-	-	-	-
396-20	Quebracho extract	409	38	-	-	-	-	-	371
396-40	Wattle extract	1,080	149	7	-	-	-	-	924
396-89	Synthetic tanning agents, n.e.s.	1,832	638	102	1,056	31	-	-	4
396-99	Natural tanning and dyeing extract, n.e.s.	650	380	109	67	-	-	-	95

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Oils, Fats & Waxes (Cont.)</u>									
397-16	Lemon and orange oil	2,544	1,954	19	139	20	-	-	413
397-20	Peppermint oil	1,516	1,430	54	20	-	-	-	12
397-25	Spearmint oil	933	933	-	-	-	-	-	-
397-39	Essential oils, n.e.s.	9,187	6,408	826	1,162	312	26	5	444
397-49	Blends of essential oils	19,525	17,427	940	840	278	-	-	39
399-05	Rosin	3,447	3,060	3	64	-	-	-	321
399-08	Rosin sizing	2,520	2,520	-	-	-	-	-	-
399-10	Rosin oils, spirits and acids, n.e.s.	2,411	2,410	-	2	-	-	-	-
399-15	Tall oil and tall oil pitch	578	578	-	-	-	-	-	-
399-20	Turpentine	262	261	1	-	-	-	-	-
399-35	Pine oil, pine tar and pine pitch	1,249	1,244	-	-	-	-	-	5
399-45	Lyes from wood pulp mfg.	2,849	2,843	-	-	-	-	-	6
399-99	Gum, wood and vegetable extracts, n.e.s.	9,321	8,105	237	362	-	3	-	615
OILS, FATS AND WAXES TOTAL		89,019	74,097	5,663	4,667	641	29	5	3,917

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Agricultural Chemicals Formulated Insecticides and Rodenticides</u>									
418-23	Pesticides, botanic and microbe base	703	618	-	53	12	-	-	21
418-30	D.D.T. dusts, solutions and powders	-	-	-	-	-	-	-	-
418-35	Pesticides, arsenic or chlorinated hydrocarbon base	1,430	851	-	578	-	-	-	-
418-36	Pesticides, phosphorothioate base	6,946	6,162	-	368	-	306	-	109
418-37	Pesticides, phosphate/ acetic base	1,195	872	250	35	-	38	-	-
418-50	Pesticides carbamate/ thiocarbamate base	43,052	33,878	1,885	7,289	-	-	-	-
418-57	Pesticides, dithiocarbamate base	2,367	1,542	-	54	-	-	-	772
418-62	Mercurial fungicides (except seed treatments)	390	287	103	-	-	-	-	-
418-63	Fungicides, n.e.s. (except seed treatments)	5,087	3,479	22	1,084	-	480	-	22
418-64	Fungicides, seed treatment	527	497	1	29	-	-	-	-
418-82	Herbicides, 2, 4D and 2, 4, 5-T chlorate and borate base	1,445	1,353	88	3	-	-	-	-

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Agricultural Chemicals Formulated</u>									
<u>Insecticides and Rodenticides (Cont.)</u>									
418-84	2,4-D ester and amine dusts and formulations	1,320	1,320	-	-	-	-	-	-
418-89	Herbicides, n.e.s.	93,532	72,535	9,596	6,422	4,360	-	-	619
418-91	Fumigants, n.e.s.	3,751	3,672	-	66	-	13	-	-
418-95	Insecticides, n.e.s.	6,953	5,596	542	322	181	217	-	96
418-99	Pesticides, n.e.s.	4,812	4,424	85	93	7	34	-	170
AGRICULTURAL CHEMICALS TOTAL		173,510	137,086	12,572	16,396	4,560	1,088	-	1,809
<u>Adhesives</u>									
421-19	Glue, animal	4,193	2,086	22	647	-	-	-	1,439
421-59	Glue, synthetic resin	9,864	8,984	113	608	37	112	-	11
421-79	Rubber cement	2,345	2,201	2	139	-	1	-	2
421-99	Adhesives, n.e.s.	4,005	3,327	92	435	55	26	-	71
ADHESIVES TOTAL		20,407	16,598	229	1,829	92	139	-	1,523

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Industrial Chemical Specialties</u>									
429-07	Additives for mineral oils	58,228	54,741	3,209	270	-	6	-	2
429-11	Automotive chemicals, n.e.s.	10,667	10,471	102	64	-	-	-	30
429-14	Carbon, activated	5,462	4,448	493	483	-	36	-	-
429-15	Clays and earths, activated	7,063	6,282	-	782	-	-	-	-
429-17	Collecting reagents for concentrating ores, metals or minerals	4,714	4,230	-	395	-	-	-	89
429-22	Compound catalysts	30,642	28,599	1,242	799	2	-	-	-
429-32	Dextrin and dextrin preparations (except adhesives)	1,802	1,322	47	385	-	38	-	9
429-42	Charge preparations for fire-extinguishers	1,303	1,233	43	27	-	-	-	-
429-46	Gelatin, inedible	2,432	2,359	-	1	-	-	-	72
429-52	Metalworking compounds prepared	24,059	22,884	453	556	107	2	-	57

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Industrial Chemical Specialties (Cont.)</u>									
429-62	Ion exchangers, except synthetic resins	2,396	2,385	-	6	-	-	-	5
429-63	Industrial fungicides, germicides and slimicides	12,202	11,344	426	406	21	-	-	5
429-64	Oil treating compounds	8,208	8,196	1	10	-	-	-	-
429-72	Rubber and plastic compounding agents, n.e.s.	31,563	27,500	1,703	2,212	35	92	-	20
429-74	Starch, industrial	5,079	4,224	9	847	-	-	-	-
429-79	Surface active agents compounded	40,843	37,822	354	2,396	210	3	-	60
429-82	Textile specialty chemicals, prep.	13,048	12,056	171	771	21	22	-	5
429-90	Laboratory reagents	13,132	10,678	412	1,795	93	7	-	146
429-95	Caulking, sealing and sound deadening compds.	23,369	21,477	687	101	6	-	-	1,099
429-99	Industrial chemical specialties, n.e.s.	105,420	89,965	3,827	8,918	407	218	-	2,083

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Industrial Chemical Specialties (Cont.)</u>									
800-77	Boot and shoe polishes and dressings.	1,559	813	20	574	151	-	-	-
800-79	Polishes, waxes and related preps., n.e.s.	6,684	5,427	127	92	549	-	-	488
800-89	Household chemical specialties, n.e.s.	28,276	27,746	318	98	3	69	-	41
919-79	Photographic chemicals, n.e.s.	42,302	39,944	794	395	40	1,127	-	-
<u>INDUSTRIAL CHEMICAL SPECIALTIES TOTAL</u>		<u>480,453</u>	<u>436,146</u>	<u>14,438</u>	<u>22,393</u>	<u>1,643</u>	<u>1,620</u>	<u>-</u>	<u>4,211</u>

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Inks</u>									
429-66	Printing Ink	7,560	6,896	321	140	7	185	-	9
429-68	Rotogravure ink	69	69	-	-	-	-	-	-
904-04	Inks, except printing inks	6,861	3,245	3,230	322	-	11	-	53
	INKS TOTAL	14,490	10,210	3,551	462	7	196	-	62

Explosives and Ammunition

415-09	Gunpowder and similar powder	1,561	1,561	-	-	-	-	-	-
415-69	Prepared explosives and blasting agents, n.e.s.	4,636	4,369	96	124	-	-	-	47
866-04	Book matches	324	302	4	2	-	16	-	-
866-08	Matches except book matches	377	84	-	11	-	47	-	235
930-21	Shotshells	3,399	2,648	52	13	-	-	-	687
930-26	Centre fire metallic cartridges	3,522	3,334	-	5	-	-	-	183

TABLE VI (Cont'd)

CHEMICAL IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>									
<u>Explosives and Ammunition (Cont.)</u>									
930-29	Ammunition, n.e.s.	4,314	2,499	597	1,081	7	11	-	118
930-39	Ammunition parts	6,250	5,897	73	140	2	-	-	138
949-56	Pyrotechnic articles and fireworks, n.e.s.	1,943	1,046	443	256	-	24	-	174
EXPLOSIVES AND AMMUNITION TOTAL		26,326	21,740	1,265	1,632	9	98	-	1,582
MISCELLANEOUS CHEMICALS TOTAL		804,205	695,877	37,718	47,379	6,952	3,170	5	13,104
IMPORTS, CHEMICAL AND CHEMICAL PRODUCTS GRAND TOTAL		3,407,202	2,582,873	179,177	385,474	98,261	43,556	6,281	111,569

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE VI (End)

CHEMICAL IMPORTS
\$'000

EXPORTS OF CHEMICALS AND CHEMICAL PRODUCTS BY SUB-GROUP

<u>DESCRIPTION</u>		CALENDAR YEAR	CALENDAR YEAR	%
		1978	1979	CHANGE
		\$'000	\$'000	
Mixed Fertilizers	SIC 372	12,032	13,526	12.4
Plastics and Synthetic Resins	SIC 373	260,309	366,889	40.9
Pharmaceuticals and Medicines	SIC 374	71,592	79,655	11.3
Paint and Varnish	SIC 375	6,824	6,884	0.9
Soap and Cleaning Compounds	SIC 376	5,586	12,869	130.4
Toilet Preparations	SIC 377	7,490	12,466	66.4
<u>Industrial Chemicals</u>	SIC 378			
Pigments and Dry Colours	SIC 3781	8,905	13,205	48.3
Inorganic Chemicals	SIC 3782	778,377	985,409	26.6
Fertilizer Chemicals	SIC 3782	229,170	253,228	10.5
Organic Chemicals	SIC 3783	<u>398,921</u>	<u>701,022</u>	75.7
SIC 378 TOTAL		1,415,373	1,952,864	38.0
<u>Miscellaneous Chemicals</u>	SIC 379			
Oils, Fats & Waxes		13,268	15,226	14.8
Agricultural Chemicals Formulated		7,581	11,038	45.6
Adhesives		2,802	2,731	- 2.5
Industrial Chemical Specialties		69,928	123,470	76.6
Ammunition		<u>10,138</u>	<u>5,815</u>	-42.6
SIC 379 TOTAL		103,717	158,280	52.6
Chemicals & Chemical Products GRAND TOTAL		1,882,923	2,603,433	38.3

SOURCE: Statistics Canada, Catalogue 65-004,
"Exports by Commodities".

TABLE VII

CHEMICAL EXPORTS
\$'000

EXPORTS -- CHEMICALS AND CHEMICAL PRODUCTS BY CLASS AND COUNTRY
\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>MIXED FERTILIZERS SIC 372</u>								
416-89	Prepared fertilizer mixtures TOTAL	13,526	12,762	174	275	-	64	252
<u>PLASTICS & SYNTHETIC RESINS SIC 373</u>								
423-16	Polyethylene resins, not shaped	123,412	21,981	3,722	8,024	1,088	7,348	81,248
423-18	Polystyrene resins, not shaped	13,308	7,296	100	370	147	52	5,341
423-79	Plastics scrap & waste	3,895	3,329	15	207	-	-	343
423-99	Synthetic & reclaimed rubber & plastics materials, not shaped, n.e.s.	226,274	139,079	14,859	8,663	3,323	4,027	56,327
	TOTAL	366,889	171,685	18,696	17,264	4,558	11,427	143,259

TABLE VIII

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Mexico	Other
<u>PHARMACEUTICALS AND MEDICINES SIC 374</u>									
206-99	Animal materials used in manufacturing drugs, n.e.s.	6,330	6,061	35	73	-	-	-	161
214-30	Senega root	92	-	-	80	-	-	-	12
214-99	Crude herbs and plant parts for medicine	4,470	547	-	37	9	-	-	3,878
412-91	Sulfonamides in bulk	122	122	-	-	-	-	-	-
413-10	Vitamins & preparations in bulk	135	37	-	9	-	-	-	88
413-26	Hormones in bulk	657	425	-	173	-	-	-	59
413-58	Vegetable alkaloids, narcotic type, bulk	-	-	-	-	-	-	-	-
413-59	Vegetable alkaloids, non narcotic type, bulk	421	421	-	-	-	-	-	-
413-63	Penicillin, in bulk	16	6	-	-	-	-	-	10
413-69	Antibiotics n.e.s. in bulk	139	45	-	-	-	-	56	38
871-99	Biological products for human use, dosage	20,242	5,455	360	6,080	1,471	67	247	6,568
872-24	Penicillin, in dosage	541	10	-	-	-	-	1	528

TABLE VIII (Cont'd)

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Mexico	Other
<u>PHARMACEUTICALS AND MEDICINES SIC 374 (Cont.)</u>									
872-99	Antibiotics, n.e.s., in dosage	6,714	103	24	4,962	2	5	27	1,591
874-99	Vitamins & preparations, in dosage	1,132	236	30	123	24	3	-	717
878-99	Veterinary medicines & feed supplements, in dosage	5,857	1,891	96	518	918	21	233	2,183
879-31	Narcotics, in dosage	-	-	-	-	-	-	-	-
879-99	Medicinal & pharmaceutical products, n.e.s., dosage	32,787	3,592	1,726	4,760	2,158	731	321	19,500
	TOTAL	79,655	18,951	2,271	16,815	4,582	827	885	35,333

TABLE VIII (Cont'd)

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>PAINT AND VARNISH SIC 375</u>								
428-35	Ready mixed paints, including white lead and colours in oil	1,285	779	19	19	8	14	448
428-40	Varnishes and prepared shellacs	774	734	-	-	-	1	38
428-99	Stains, lacquers, thinners, fillers and related products, n.e.s.	4,825	3,860	199	72	12	53	629
TOTAL		6,884	5,373	218	91	20	68	1,115
<u>SOAP & CLEANING COMPOUNDS SIC 376</u>								
800-69	Soap & detergents	3,038	2,252	101	14	46	78	547
800-99	Cleaning & polishing preparations & household chemicals specialties	9,831	6,449	494	684	324	314	1,566
TOTAL		12,869	8,701	595	698	370	392	2,113
<u>TOILET PREPARATIONS SIC 377</u>								
800-59	Perfumes, toilet preparations & cosmetics	12,466	7,932	306	434	405	87	3,303

TABLE VIII (Cont'd)

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>INDUSTRIAL CHEMICALS SIC 378</u>								
<u>Pigments & Drycolours SIC 3781</u>								
427-99	Dyestuffs, pigments lakes & toners	13,205	7,733	578	540	2	393	3,961
<u>Inorganic Chemicals SIC 3782</u>								
400-03	Chlorine	15,502	15,285	-	-	-	-	218
400-37	Selenium	12,018	6,818	3,789	224	471	-	715
400-61	Calcium metal	1,934	898	51	124	36	46	778
400-99	Chemical elements, n.e.s.	116,500	38,186	47,048	8,154	15,398	1,873	5,841
401-04	Hydrogen chloride/ aqueous & anhydride	3,125	3,125	-	-	-	-	1
401-15	Sulphuric acid, including oleum	3,088	3,086	-	-	-	-	3
401-99	Inorganic acids & oxygen compounds of non-metals, n.e.s.	37,248	36,676	3	86	-	18	465
402-01	Ammonia anhydrous	59,480	59,478	-	-	-	-	1
402-40	Iron oxides, natural or synthetic	5,851	5,306	3	16	-	19	508

TABLE VIII (Cont'd)

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>								
<u>Inorganic Chemicals (Cont.)</u>								
402-46	Cobalt oxides & hydroxides	8,354	-	7,553	800	-	-	-
402-99	Inorganic bases & metallic oxides, hydroxides & peroxides, n.e.s.	45,553	43,139	748	669	21	342	633
404-63	Sodium sulphate, anhydrous (salt cake)	13,323	13,103	-	-	-	-	219
404-99	Metallic salts and peroxysalts of inorganic acids, n.e.s.	50,601	40,447	3,577	951	17	792	4,816
405-35	Radioactive elements & isotopes & compounds & stable isotopes & their compounds	602,077	293,577	5,147	29,915	1,101	336	272,002
405-99	Inorganic chemicals, n.e.s.	10,755	7,829	166	194	47	646	1,879
	TOTAL	985,409	566,953	68,085	41,133	17,091	4,072	288,079
<u>Fertilizer Chemicals SIC 3782</u>								
416-06	Whale meal	26	26	-	-	-	-	-
416-31	Urea	101,445	100,572	-	34	-	840	-
416-44	Ammonium nitrate	43,076	37,850	-	-	-	328	4,898
416-45	Urea, sodium nitrate, calcium cyanamides & nitrogen solutions	5,335	5,333	2	-	-	-	-
416-47	Ammoniated superphosphate, ammonium phosphates & nitrogen phosphate fertilizers, n.e.s.	82,929	64,812	-	5,476	-	-	12,640
416-48	Ammonium sulphate	16,155	16,149	6	-	-	-	-
416-99	Fertilizers & fertilizer materials, n.e.s.	4,262	4,186	-	57	-	-	18
	TOTAL	253,228	228,928	8	5,567	-	1,168	17,556

TABLE VIII (Cont'd)

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>INDUSTRIAL CHEMICALS (Cont.)</u>								
<u>Organic Chemicals SIC 3783</u>								
406-99	Hydrocarbons & their derivatives	474,763	299,659	5,874	144,549	2,706	1,130	20,844
407-99	Alcohols & their derivatives	98,723	60,517	2,474	14,769	7,223	2,556	11,188
408-19	Phenols, phenol alcohols & their derivatives	5,080	541	260	57	24	291	3,906
408-39	Ethers, alcohol peroxides, ether peroxides, epoxides, acetals, hemiacetals & derivatives	10,506	10,297	-	2	188	-	18
408-59	Aldehyde-function compounds	28,030	10,585	2,530	2,135	893	187	11,698
408-89	Ketone-function compounds	1,626	453	380	545	4	-	244
409-99	Organic acids anhydrides & derivatives	29,471	14,398	1,183	3,117	5,169	1,088	4,513
410-99	Inorganic esters	83	79	-	-	-	-	4
411-99	Nitrogen-function compounds, n.e.s.	20,350	15,226	850	2,118	159	194	1,802
412-99	Organo-inorganic compounds & heterocyclic compounds, including inorganic esters	31,369	15,442	1,388	4,217	1,913	533	7,878
413-99	Organic chemicals, n.e.s.	1,021	297	4	85	238	-	398
	TOTAL	701,022	427,494	14,943	171,594	18,517	5,979	62,493
INDUSTRIAL CHEMICALS	TOTAL	1,952,864	1,231,108	83,614	218,834	35,610	11,612	372,089

TABLE VIII (Cont'd)

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>MISCELLANEOUS CHEMICAL INDUSTRIES SIC 379</u>								
<u>Oils, Fats & Waxes</u>								
394-49	Waxes, animal and vegetable	798	361	266	172	-	-	-
395-99	Chemically modified oils, fats, waxes & derivatives	1,265	1,188	11	-	-	41	25
397-99	Essential oils, natural synthetic	2,623	1,390	177	741	2	1	311
398-99	Gum, wood & vegetable extracts, n.e.s. including tanning & dyeing materials, n.e.s.	10,540	7,704	1	223	1,541	345	726
	TOTAL	15,226	10,643	455	1,136	1,543	387	1,062
418-99	Agricultural chemicals formulated, insecticides & rodenticides	11,038	4,018	44	640	97	368	5,872
<u>Adhesives</u>								
421-19	Glue, animal	644	219	124	197	1	1	102
421-99	Adhesives, n.e.s.	2,087	1,191	83	116	24	77	594
	TOTAL	2,731	1,410	207	313	25	78	696

TABLE VIII (Cont'd)

CHEMICAL EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>MISCELLANEOUS CHEMICALS (Cont.)</u>								
429-99	Industrial chemical specialties & explosives, n.e.s.	123,470	85,354	2,966	12,185	861	1,337	20,764
930-19	Ammunition and parts	5,815	869	39	3,692	-	476	739
<u>MISCELLANEOUS CHEMICALS TOTAL</u>		<u>158,280</u>	<u>102,294</u>	<u>3,711</u>	<u>17,966</u>	<u>2,526</u>	<u>2,646</u>	<u>29,133</u>
<u>CHEMICALS & CHEMICAL PRODUCTS GRAND TOTAL</u>		<u>2,603,433</u>	<u>1,558,806</u>	<u>109,585</u>	<u>272,377</u>	<u>48,071</u>	<u>27,123</u>	<u>587,483</u>

SOURCE: Statistics Canada, Catalogue 65-004,
"Exports by Commodities".

TABLE VIII (End)

CHEMICAL EXPORTS
\$'000

POTASH - SIC 0794 PRODUCTION AND TRADE

<u>Description</u>	<u>Class</u>	<u>1978</u>			<u>1979</u>			<u>Value % Change</u>
		<u>Short Ton</u>	<u>Metric Tonne</u>	<u>\$'000</u>	<u>Short Ton</u>	<u>Metric Tonne</u>	<u>\$'000</u>	
<u>Production</u>								
Producers' Shipments	K ₂ O (Equivalent)	6,993,074	6,344,010	504,535	7,767,000	7,046,000	695,305 ^(p)	37.8
<u>Imports</u>								
Potash	416-64	1,979	1,795	251	2,252	2,043	287	14.3
<u>Exports</u>								
Potash	416-52 ⁽¹⁾	10,347,119	9,387,295	493,718	11,731,757	10,642,875	720,554	45.9

(1) Class 416-52 Potassium Chloride (muriate of potash)

(p) Preliminary

SOURCE: Statistics Canada, Catalogues
 26-002, "Canada's Mineral Production".
 65-004, "Exports by Commodities".
 65-007, "Imports by Commodities".

TABLE IX

POTASH

POTASH - IMPORTS - EXPORTS BY COUNTRY

\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
<u>Imports</u>								
416-64	Potassium chloride	287	281	5	-	-	-	-
<u>Exports</u>								
416-52	Potassium chloride (muriate of potash)	720,554	512,761	304	4,035	46,503	9,187	147,764

SOURCE: Statistics Canada, Catalogues
65-004, "Exports by Commodities".
65-007, "Imports by Commodities".

TABLE X

POTASH IMPORTS - EXPORTS
\$'000

TRADE BALANCE IN CHEMICALS AND CHEMICAL PRODUCTS

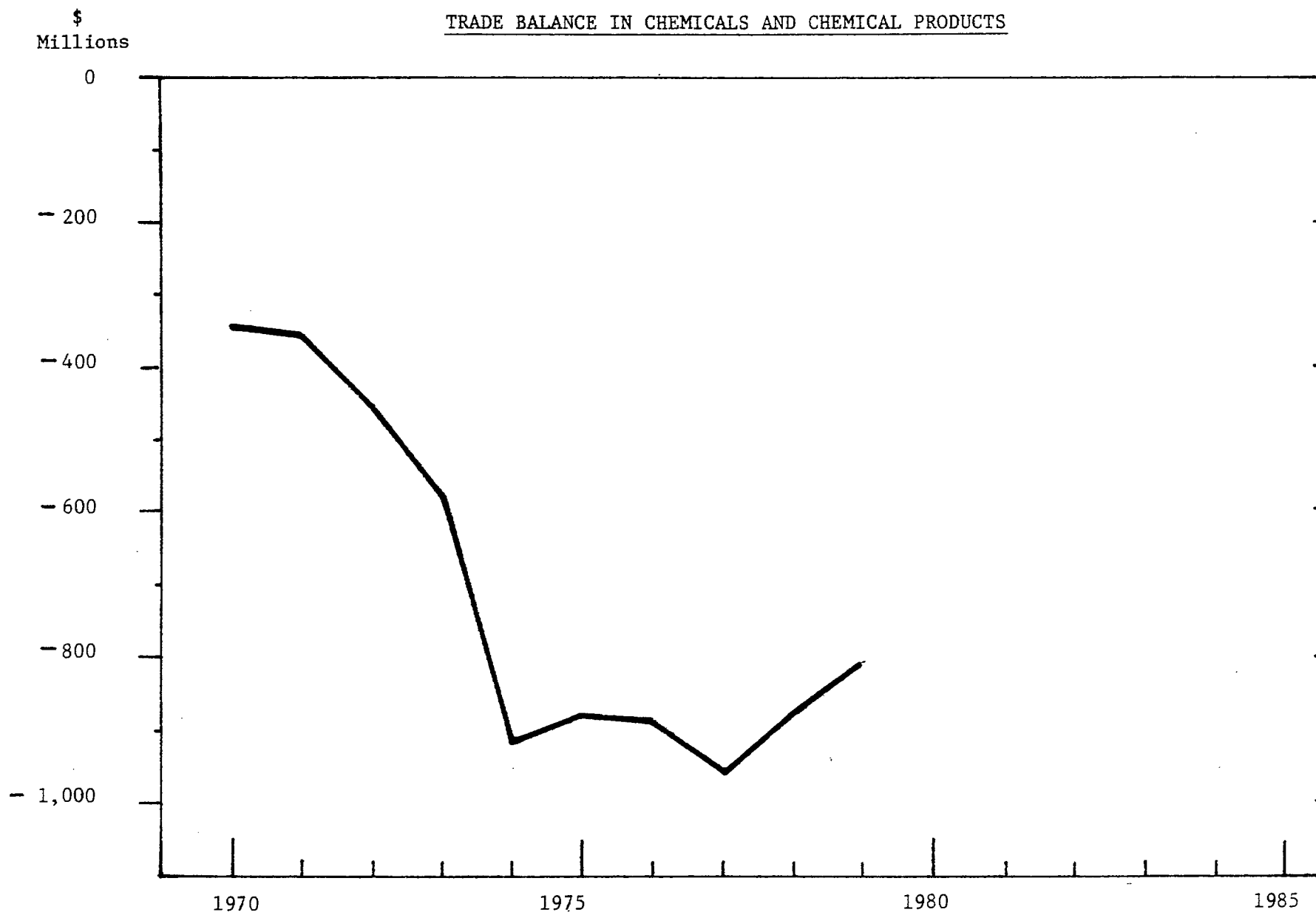


CHART II

TRADE BALANCE FOR CHEMICALS AND CHEMICAL PRODUCTS BY SUB-GROUP
1979
\$'000

<u>DESCRIPTION</u>		<u>IMPORTS</u>	<u>EXPORTS</u>	<u>BALANCE</u>
Mixed Fertilizers	SIC 372	28,710	13,526	-15,184
Plastics and Synthetic Resins	SIC 373	695,522	366,889	-328,633
Pharmaceuticals & Medicines	SIC 374	312,638	79,655	-232,983
Paint and Varnish	SIC 375	94,860	6,884	- 87,976
Soaps and Cleaning Compounds	SIC 376	38,838	12,869	- 25,969
Toilet Preparations	SIC 377	62,981	12,466	- 50,515
<u>Industrial Chemicals</u>	SIC 378			
Pigments and Dry Colours	SIC 3781	144,023	13,205	-130,818
Inorganic Chemicals	SIC 3782	357,346	985,409	628,063
Fertilizer Chemicals	SIC 3782	106,629	253,228	146,559
Organic Chemicals	SIC 3783	761,450	701,022	- 60,428
SIC 378 TOTAL		1,369,448	1,952,864	583,416
<u>Other Chemicals</u>	SIC 379			
Oils, Fats & Waxes		89,019	15,226	- 73,793
Agricultural Chemicals Formulated		173,510	11,038	-162,472
Adhesives		20,407	2,731	- 17,676
Industrial Chemical Specialties		480,453	123,470	-356,983
Inks		14,490	-	-
Explosives and Ammunition		26,326	5,815	- 20,511
SIC 379 TOTAL		804,205	158,280	-645,925
Chemicals and Chemical Products TOTAL		3,407,202	2,603,433	-803,769

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XI

TRADE BALANCE - SUB-GROUP
\$'000

CANADIAN TRADE BALANCE FOR CHEMICAL AND CHEMICAL PRODUCTS ⁽¹⁾
(Millions of Dollars)

	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
Imports	1,649.1	1,642.2	1,868.4	2,239.3	2,760.5	3,407.2
Exports ⁽²⁾	<u>732.3</u>	<u>762.9</u>	<u>982.9</u>	<u>1,286.4</u>	<u>1,882.9</u>	<u>2,603.4</u>
Deficit	- 916.8	- 879.3	- 885.5	- 952.9	- 877.6	- 803.8
Exports of Potassium Chloride	<u>275.7</u>	<u>292.2</u>	<u>407.6</u>	<u>468.3</u>	<u>493.7</u>	<u>720.6</u>
	- 641.1	- 587.1	- 477.9	- 484.6	- 383.9	- 83.2

(1) Does not include Plastic Fabricated Products.

(2) Does not include Potassium Chloride (muriate of potash)

SOURCE: Statistics Canada, Catalogues
65-004, "Exports by Commodities".
65-007, "Imports by Commodities".

TABLE XII

TRADE BALANCE

CANADIAN TRADE BALANCE FOR CHEMICALS AND CHEMICAL PRODUCTS BY COUNTRY⁽¹⁾

1979

(Millions of Dollars)

	<u>IMPORTS</u>	<u>% OF TOTAL</u>	<u>EXPORTS</u> ⁽²⁾	<u>% OF TOTAL</u>	<u>BALANCE</u>
United States	2,582.9	75.8	1,558.8	59.9	-1,024.1
United Kingdom	179.2	5.3	109.6	4.2	- 69.6
EEC Countries	385.5	11.3	272.4	10.5	- 113.1
Other Countries	259.6	7.6	662.6	25.4	403.0
TOTAL	3,407.2	100.0	2,603.4	100.0	- 803.8

(1) Does not include Plastic Fabricated Products.

(2) Does not include Potassium Chloride (muriate of potash).

SOURCE: Statistics Canada, Catalogues
65-004, "Exports by Commodities".
65-007, "Imports by Commodities".

TABLE XIII

TRADE BALANCE - COUNTRY

CHEMICALS AND CHEMICAL PRODUCTS
APPARENT DOMESTIC MARKET
 1974-1979

(Millions of Dollars)

	SIC No.	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>5-YEAR AVERAGE ANNUAL GROWTH</u> %
<u>Mixed Fertilizers</u>	372							
Factory Shipments		171.8	166.6	160.6	228.7	152.6	194.0	5.9
Imports		11.0	17.7	16.8	18.7	19.3	28.7	
Exports		13.1	11.1	7.7	8.3	12.0	13.5	
Apparent Domestic Market		169.7	173.2	169.7	239.1	159.9	209.2	7.7
<u>Plastics & Synthetic Resins</u>	(1) 373							
Factory Shipments		574.7	595.6	558.7	596.7	775.2	1019.7	13.1
Imports		417.3	318.2	393.1	479.1	592.2	695.5	
Exports		101.9	102.7	131.1	172.9	260.3	367.0	
Apparent Domestic Market		890.1	811.1	820.7	902.9	1107.1	1348.2	9.3
<u>Pharmaceutical & Medicines</u>	374							
Factory Shipments		574.7	636.5	739.6	765.9	933.5	1105.8	14.2
Imports		146.6	169.8	176.4	224.3	248.4	312.6	
Exports		52.5	58.3	59.9	64.6	71.6	79.7	
Apparent Domestic Market		668.8	748.0	856.1	925.6	1110.3	1338.7	15.1
<u>Paint and Varnish</u>	375							
Factory Shipments		407.4	444.5	536.1	531.6	724.9	689.0	12.1
Imports		37.5	50.1	52.7	64.3	82.6	94.9	
Exports		3.7	3.9	4.6	5.2	6.8	6.9	
Apparent Domestic Market		441.2	490.7	584.2	590.7	800.7	777.0	12.8

TABLE XIV

CHEMICAL MARKET

	<u>SIC</u> <u>No.</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>5-YEAR AVERAGE</u> <u>ANNUAL GROWTH</u> %
<u>Soap and Cleaning Compounds</u>	376							
Factory Shipments		406.8	404.7	470.4	488.8	672.7	671.4	11.4
Imports		20.0	24.7	26.6	31.5	37.5	38.8	
Exports		1.6	2.0	2.9	3.8	5.6	12.9	
Apparent Domestic Market		425.2	427.4	494.1	516.5	704.6	697.3	11.2
<u>Toilet Preparations</u>	377							
Factory Shipments		218.8	255.2	319.2	339.9	414.6	490.5	17.7
Imports		22.7	27.7	31.9	39.9	52.3	63.0	
Exports		4.9	3.5	3.2	5.3	7.5	12.5	
Apparent Domestic Market		236.6	279.4	347.9	374.5	459.4	541.0	18.1
<u>Industrial Chemicals</u>	(2) 378							
Factory Shipments		1438.4	1690.4	2139.0	2601.1	3096.3	4001.4	22.8
Imports		617.1	631.8	724.1	875.9	1057.4	1369.4	
Exports		496.7	517.1	715.6	957.0	1415.4	1952.9	
Apparent Domestic Market		1558.8	1805.1	2148.0	2520.0	2738.3	3417.9	17.1
<u>Miscellaneous Chemical Industries</u>	379							
Factory Shipments		744.8	805.7	909.8	982.1	1190.4	1330.8	12.4
Imports		377.1	402.3	446.8	505.5	670.8	804.2	
Exports		57.9	64.3	58.1	69.4	103.7	158.3	
Apparent Domestic Market		1064.0	1143.7	1298.5	1418.2	1757.5	1976.7	13.3

TABLE XIV (Cont'd)

CHEMICAL MARKET

	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>5-YEAR AVERAGE ANNUAL GROWTH</u> %
<u>Total Chemicals and Chemical Products</u>							
Factory Shipments	4537.4	4999.2	5833.3	6534.8	7960.1	9502.6	16.0
Imports	1649.3	1642.2	1868.4	2239.3	2760.5	3407.2	
Exports	732.3	762.9	982.9	1286.4	1882.9	2603.4	
Apparent Domestic Market	5454.4	5878.5	6718.8	7487.7	8837.7	10306.4	13.6
<u>All Manufacturing</u>							
Factory Shipments	80274.6	87597.7	98597.3	109747.0	128925.2	150248.6	13.4
Imports	26112.1	27982.2	30610.1	34994.7	42117.0	52442.9	
Exports	21312.8	21901.5	26469.1	31776.1	39763.7	47220.7	
Apparent Domestic Market	85073.9	93678.4	102738.3	112965.6	131278.5	155470.8	12.9

(1) Adjusted to include synthetic rubber.

(2) Adjusted to exclude synthetic rubber.

SOURCE: Statistics Canada, Catalogues
31-001, "Inventories, Shipments and Orders in
Manufacturing Industries".
65-004, "Exports by Commodities".
65-007, "Imports by Commodities".

TABLE XIV (End)

CHEMICAL MARKET

CHEMICALS AND CHEMICAL PRODUCTS PRODUCTION AND TRADE
1974-79
\$ Million

	<u>Factory Shipments</u>	<u>Imports</u>	<u>Exports</u>	<u>Apparent Domestic Market</u>	<u>Imports as a % of Domestic Market</u>	<u>Exports as a % of Factory Shipments</u>
1974	4537.4	1649.3	732.3	5454.4	30.2	16.1
1975	4999.2	1642.2	762.9	5878.5	27.9	15.3
1976	5623.4	1868.4	982.9	6508.9	28.7	17.5
1977	6534.8	2239.3	1286.4	7487.7	29.9	19.7
1978	7960.1	2760.5	1882.9	8837.7	31.2	23.7
1979	9502.6	3407.2	2603.4	10306.4	33.1	27.4

SOURCE: Statistics Canada, Catalogues
31-001, "Inventories, Shipments and Orders in Manufacturing Industries".
65-004, "Exports by Commodities".
65-007, "Imports by Commodities".

TABLE XV

CHEMICAL PRODUCTION - TRADE

RUBBER INDUSTRIES SIC 162
ESTIMATED VALUE OF SHIPMENTS
 \$'000

<u>Description</u>	<u>1978</u>	<u>1979</u>	<u>% Change</u>
Other Rubber Industries ⁽¹⁾	1,534,286	1,845,217	13.7

(1) Includes rubber footwear manufacturers and other rubber industries.

SOURCE: Statistics Canada, Catalogue 31-001, "Inventories, Shipments and Orders in Manufacturing Industries".

TABLE XVI

RUBBER SHIPMENTS

IMPORTS OF RUBBER PRODUCTS BY SUB-GROUP SIC 162

\$'000

<u>Description</u>	<u>1978</u>	<u>1979</u>	<u>% Change</u>
Rubber belts & belting	18,115	21,787	20.3
Rubber sheeting	7,484	8,589	14.8
Rubber coated fabrics	37,383	32,750	-12.4
Compounded & reclaimed rubber	5,912	7,329	24.0
Rubber hose	21,013	26,978	28.4
Other rubber products	111,068	132,274	19.1
SUB-TOTAL	200,975	229,707	14.3
Footwear	8,672	11,221	29.4
Rubber tires & tubes	289,379	372,923	28.9
Rubber & allied gums, natural	86,536	134,538	55.5

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XVII

RUBBER IMPORTS
\$'000

IMPORTS OF RUBBER PRODUCTS INDUSTRY BY CLASS AND COUNTRY SIC 162

\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Japan	Other
<u>RUBBER BELTS & BELTING</u>							
321-04	Rubber belts & belting material conveying	2,938	1,155	55	43	1,546	140
321-15	Rubber belts & belting, V-type, incl. multiple types	16,255	12,870	379	398	1,885	724
321-19	Rubber belts & belting, n.e.s.	2,594	1,645	430	153	130	233
	TOTAL	21,787	15,670	864	594	3,561	1,097
<u>RUBBER SHEETING</u>							
323-04	Rubber soling sheets & toplifting sheets	2,843	613	164	983	-	1,083
323-13	Foam rubber & sponge rubber sheeting	1,619	1,546	-	49	10	14
323-16	Rubber sheeting, n.e.s.	4,127	2,600	145	293	43	1,046
	TOTAL	8,589	4,759	309	1,325	53	2,143

TABLE XVIII (Cont'd)

RUBBER IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Other
<u>RUBBER COATED FABRICS</u>							
387-32	Rubber coated cotton fabrics, n.e.s.	1,472	1,462	3	-	-	7
387-36	Rubber coated tire fabrics	17,866	17,509	326	31	-	-
387-38	Rubber coated textile belting	6,105	2,035	1,494	196	936	1,444
387-39	Rubber coated fabrics, n.e.s.	7,307	6,783	99	285	12	128
	TOTAL	32,750	27,789	1,922	512	948	1,579
<u>COMPOUNDED OR SEMI-PROCESSED RUBBER</u>							
422-60	Compounded or semi-processed rubber	5,141	5,091	-	49	-	-
422-90	Rubber, reclaimed	2,188	1,690	263	236	-	-
	TOTAL	7,329	6,781	263	285	-	-
<u>RUBBER HOSE</u>							
493-23	Rubber hose wire braided	1,804	1,658	18	111	18	-
493-29	Rubber hose & tubing, n.e.s.	17,837	12,384	2,347	2,764	29	313
493-39	Hose, n.e.s. with or without couplings	7,337	5,802	712	188	355	280
	TOTAL	26,978	19,844	3,077	3,063	402	593

TABLE XVIII (Cont'd)

RUBBER IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Other
<u>OTHER RUBBER PRODUCTS</u>							
291-85	Rubber waste & scrap	1,212	1,177	-	34	1	-
325-09	Battery parts & rubber	5,624	5,624	1	-	-	-
325-20	Rubber packing	16,074	13,306	538	1,372	63	794
325-32	Rubber yarn or thread covered or not	3,717	3,664	-	27	3	24
325-36	Rubber washers, gaskets & grommets	7,206	6,512	481	52	26	135
325-40	Rubber weatherstripping	2,697	2,474	2	8	10	204
325-46	Hard rubber fabricated materials, n.e.s.	1,316	1,129	81	52	-	54
325-49	Tire & tube repair materials	7,718	5,736	76	1,804	20	82
325-58	Motor vehicle parts of rubber, n.e.s.	39,739	38,244	251	420	291	534
325-99	Rubber fabricated materials, n.e.s.	18,196	15,540	792	1,093	271	500
492-10	Rubber soles & rubber shoe bottoms	5,522	625	3	320	1	4,571
492-21	Rubber heels	445	395	-	22	-	28
786-85	Gloves, rubber	7,501	4,572	1,244	55	7	1,623
844-92	Rubber mats & matting	613	587	8	-	-	18

TABLE XVIII (Cont'd)

RUBBER IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Japan	Other
<u>OTHER RUBBER PRODUCTS (Cont.)</u>							
961-18	Druggists' sundries, rubber	2,195	2,089	1	48	1	57
961-25	Nipples & soothers, rubber	1,427	1,384	40	-	-	2
961-27	Rubber floor mats for automobiles	1,259	1,209	-	-	6	44
961-29	Rubber end products, n.e.s.	9,813	7,913	457	603	240	598
TOTAL		132,274	112,180	3,975	5,910	940	9,268
GRAND TOTAL		229,707	187,023	10,410	11,689	5,904	14,680

FOOTWEAR

794-81	Waterproof rubber footwear, n.e.s.	11,221	388	111	332	40	10,348
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RUBBER TIRES & TUBES

621-05	Passenger car tires, pneu, new	11,672	74,920	2,832	20,443	6,327	8,149
621-09	Truck & bus tires, pneu, new	200,023	55,843	5,292	66,622	56,957	15,311
621-15	Tractor & implement tires, pneu, new	18,675	18,370	45	128	17	116
621-20	Ind. tires, pneu & semi-pneu, new	2,952	1,963	8	57	213	711
621-29	Tires, bicycle, motorcycle, pneu, new	6,188	1,130	384	781	671	3,222
621-49	Pneumatic tires, new, n.e.s.	14,101	10,169	747	711	2,288	187

TABLE XVIII (Cont'd)

RUBBER IMPORTS

Class No.	Description	All Countries	USA	UK	EEC	Japan	Other
<u>RUBBER TIRES & TUBES (Cont.)</u>							
625-25	Tire tubes for bicycles, motorcycles	1,556	81	62	82	125	1,205
625-29	Tire tubes, n.e.s.	12,099	3,600	2,275	5,547	239	437
625-39	Solid & cushion tires	1,868	1,465	41	151	72	139
625-49	Rebuilt & used tires	2,789	1,274	341	49	1,077	47
	TOTAL	372,923	168,815	12,027	94,571	67,986	29,524
<u>RUBBER & ALLIED GUMS, NATURAL</u>							
216-10	Latex, natural crude	5,127	5,045	-	-	-	82
216-20	Crude natural rubber except latex	128,612	10,226	34	48	33	118,270
216-99	Rubber allied gums, n.e.s. & powdered natural rubber	799	552	5	2	-	240
	TOTAL	134,538	15,823	39	50	33	118,592

SOURCE: Statistics Canada, Catalogue 65-007, "Imports by Commodities".

TABLE XVIII (End)

RUBBER IMPORTS
\$'000

EXPORTS, RUBBER PRODUCTS INDUSTRY BY SUB-GROUP SIC 162
\$'000

<u>Description</u>	<u>1978</u>	<u>1979</u>	<u>% Change</u>
Rubber belts and belting	2,219	2,593	16.9
Rubber sheeting	1,304	1,900	45.7
Tire fabrics, rubber coated	3,409	6,396	87.6
Hose and hose couplings	20,194	30,904	53.0
Other rubber products	3,857	5,634	46.1
SUB-TOTAL	30,983	47,427	53.1
Footwear	262	570	117.6
Rubber tires & tubes	198,371	253,474	27.8

SOURCE: Statistics Canada, Catalogue 65-004,
"Exports by Commodities".

TABLE XIX

RUBBER EXPORTS
\$'000

EXPORTS - RUBBER PRODUCTS INDUSTRY BY CLASS AND COUNTRY SIC 162
\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Australia	Other
<u>RUBBER BELTS AND BELTING</u>							
321-15	Rubber belts & belting V-type	359	250	6	-	-	103
321-19	Rubber belts & belting n.e.s.	2,234	1,847	17	47	-	321
	TOTAL	2,593	2,097	23	47	-	424
323-16	Rubber sheeting	1,900	1,593	2	226	29	50
387-36	Rubber-coated tire fabrics	6,396	901	230	30	-	5,234
493-99	Hose & hose couplings	30,904	28,423	159	316	518	1,487
<u>OTHER RUBBER PRODUCTS</u>							
291-85	Rubber waste & scrap	231	231	-	-	-	-
325-39	Rubber gaskets, washers, packing, weatherstripping & similar products	2,058	1,357	230	2	2	467
325-49	Tire & tube repair material	350	129	-	221	-	-
325-99	Rubber fabricated materials, n.e.s.	2,995	1,621	107	155	175	937
	SUB-TOTAL	5,634	3,338	337	378	177	1,404
	TOTAL	47,427	36,352	751	997	724	8,599

TABLE XX (Cont'd)

RUBBER EXPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Australia	Other
<u>FOOTWEAR</u>							
794-90	Rubber and plastic footwear	570	419	79	17	12	44
<u>TIRES & TUBES</u>							
621-05	Passenger car tires pneumatic, new	137,230	132,740	126	250	201	3,915
621-09	Truck & bus tires, pneumatic, new	102,328	95,973	474	1,013	320	4,547
621-15	Tractor & implement tires pneumatic, new	2,855	2,075	112	486	-	183
621-49	Pneumatic tires, new, n.e.s.	273	243	-	7	-	24
625-25	Passenger car tire tubes	504	282	-	-	-	222
625-29	Tire tubes, n.e.s.	1,967	1,598	17	91	2	260
625-49	Solid, cushion rebuilt used tires	8,317	7,790	21	65	110	333
TOTAL		253,474	240,701	750	1,912	633	9,484

SOURCE: Statistics Canada, Catalogue 65-004,
"Exports by Commodities".

TABLE XX (End)

RUBBER EXPORTS
\$'000

PLASTIC FABRICATING INDUSTRY SIC 165
ESTIMATED VALUE OF SHIPMENTS

\$'000

<u>Description</u>	<u>1978</u>	<u>1979</u>	<u>% Change</u>
Plastic fabricators, n.e.s.	1,467,787	1,758,831	19.8

SOURCE: Statistics Canada, Catalogue 31-001,
 "Inventories, Shipments and Orders in Manufacturing Industries".

TABLE XXI

PLASTICS SHIPMENTS
 \$'000

IMPORTS - EXPORTS PLASTIC FABRICATED PRODUCTS

\$'000

<u>Description</u>	<u>1978</u>	<u>1979</u>	<u>% Change</u>
<u>IMPORTS</u>			
Plastic film & sheets	130,775	157,426	20.4
Laminated plastic materials	24,559	35,781	45.7
Plastic fabricated materials	137,086	153,446	11.9
Shipping containers, plastic & parts	37,200	39,874	7.2
End products	98,721	140,128	41.9
TOTAL	428,341	526,655	23.0
<u>EXPORTS</u>			
Plastic film & sheets	50,780	68,524	34.9
Laminated plastic materials	1,147	1,465	27.7
Plastic fabricated materials	48,611	71,419	46.9
Shipping containers, plastic & parts	15,034	21,761	44.8
End products	11,962	17,733	48.2
TOTAL	127,534	180,902	41.8

SOURCE: Statistics Canada, Catalogues
65-004, "Exports by Commodities".
65-007, "Imports by Commodities".

TABLE XXII

PLASTICS IMPORTS - EXPORTS
\$'000

IMPORTS - PLASTIC FABRICATED PRODUCTS BY CLASS AND COUNTRY SIC 165
\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>PLASTIC FILM AND SHEET</u>									
424-13	Polyester film & sheet	31,331	26,581	2,136	2,113	-	497	-	4
424-31	Acrylic film & sheet	11,871	10,692	93	81	4	84	101	817
424-33	Polyethylene film & sheet	17,986	17,525	31	275	-	35	-	122
424-37	Polystyrene film & sheet	3,701	3,693	-	5	-	-	-	4
424-44	Polyvinyl chloride film & sheet	24,802	15,904	315	3,066	1,016	1,559	-	2,943
424-46	Polyvinyl butyral film & sheet	18,634	18,437	-	-	-	169	-	28
424-49	Polyvinyl film & sheet, n.e.s.	9,267	8,052	50	221	34	550	-	359
424-53	Polypropylene film & sheet	20,625	14,268	2,109	856	117	3,266	-	8
424-56	Rubber hydrochloride film & sheet	4	4	-	-	-	-	-	-
424-99	Plastic film & sheet, n.e.s.	19,205	18,124	47	769	-	210	-	55
	TOTAL	157,426	133,280	4,781	7,386	1,171	6,370	101	4,340
425-40	Laminated plastic material fabric base	2,183	2,020	102	5	-	-	-	57
425-47	Decor, laminated plastic, paper base	2,761	2,352	12	54	-	-	-	343
425-49	Laminated plastics materials, n.e.s.	30,837	27,038	300	736	883	512	-	1,370
	TOTAL	35,781	31,410	414	795	883	512	-	1,770

TABLE XXIII (Cont'd)

PLASTICS IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>FABRICATED MATERIALS</u>									
425-12	Layflat tubing plastic	2,506	1,231	-	1,054	-	214	-	7
425-15	Pipe, tubes & rigid or semi rigid tubing, plastic (except laminated)	15,854	15,641	53	123	-	4	-	33
425-24	Blocks, rods, bars, angles channels & similar shapes plastic (except expanded or laminated)	1,350	1,085	6	243	-	2	-	14
425-27	Polyurethane carpet undercushion	969	969	-	-	-	-	-	-
425-30	Polyurethane foamed & expanded shapes	4,277	4,050	122	62	-	1	-	40
425-31	Foamed & expanded plastics basic shapes & forms	12,942	11,608	616	330	45	92	1	250
425-55	Plastic sheet, reinforced (except laminated)	7,991	6,174	227	661	368	346	-	215
425-62	Plastic handles & knobs	2,642	2,405	23	91	-	19	-	103
425-64	Plastic pipe fittings	7,141	6,947	22	144	-	-	-	28
425-77	Vulcanized fibre materials	1,494	1,454	23	-	-	18	-	-
425-90	Plastic tape	6,127	4,483	156	659	-	143	-	686
425-99	Plastic fabricated material, n.e.s.	36,257	29,085	2,450	2,704	230	919	26	843
494-35	Floor & wall tiles, solid vinyl	2,399	2,172	25	-	-	17	-	185
494-44	Floor & wall tiles, vinyl asbestos	321	321	-	-	-	-	-	-
494-59	Plastic wall covering	4,247	3,654	417	165	-	5	-	7
494-63	Vinyl surface felt base floor covering	3,954	3,788	-	-	-	-	-	166
494-65	Vinyl floor covering cushioned	26,376	25,349	46	680	-	-	3	299
494-69	Plastic floor covering	8,158	6,935	155	100	-	-	-	968

TABLE XXIII (Cont'd)

PLASTICS IMPORTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
494-87	Linoleum flooring wall covering, n.e.s.	1,880	646	1,078	126	-	29	-	-
494-88	Cove base plastic or rubber	2,588	2,588	-	-	-	-	-	-
494-89	Flooring & wall covering n.e.s.	3,623	3,125	244	182	-	-	13	59
496-93	Weather stripping of two or more materials	350	350	-	-	-	-	-	-
	TOTAL	153,446	134,060	5,663	7,324	643	1,809	43	3,903
SHIPPING CONTAINERS, PLASTIC & PARTS									
950-78	Plastic bottles, vials and ampoules	9,555	9,077	66	269	-	43	-	101
950-79	Shipping & distribution containers, plastic and parts, n.e.s.	22,150	16,600	851	1,945	38	120	-	2,595
950-88	Bottle caps, plastic	8,169	7,264	100	723	-	-	-	83
	TOTAL	39,874	32,941	1,017	2,937	38	163	-	2,779
END PRODUCTS									
705-04	Laboratory plastic ware	5,062	4,906	83	38	12	-	-	23
786-83	Gloves, mittens, plastic	8,395	2,477	44	6	-	118	-	5,752
850-68	Tableware, plastic	10,467	9,767	60	95	2	73	-	469
944-18	Buttons, plastic	2,419	1,634	74	507	6	182	-	16
961-99	Plastic end products, n.e.s.	113,785	92,268	3,295	7,252	337	1,605	82	8,943
	TOTAL	140,128	111,052	3,556	7,898	357	1,978	82	15,203
	GRAND TOTAL	526,655	442,743	15,431	26,340	3,092	10,832	226	27,995

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XXIII (End)

PLASTICS IMPORTS
\$'000

EXPORTS - PLASTIC FABRICATED PRODUCTS BY CLASS AND COUNTRY SIC 165
\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
424-99	Plastic film & sheet	68,524	36,770	2,995	2,683	79	6,488	19,511
425-49	Laminated plastic materials	1,465	558	69	20	-	108	712
<u>FABRICATED MATERIALS</u>								
425-20	Plastic pipe, tubing and hosing	9,103	7,337	149	16	55	87	1,462
425-99	Plastic fabricated materials	40,158	27,284	730	789	42	1,045	10,271
494-59	Floor & ceiling tiles, n.e.s.	5,701	3,398	90	102	31	228	1,849
494-89	Floor & wall covering, n.e.s.	16,457	10,667	70	1,184	1,768	613	2,153
	TOTAL	71,419	48,686	1,039	2,091	1,896	1,973	15,735
<u>SHIPPING CONTAINERS, PLASTIC AND PARTS</u>								
950-76	Plastic bags	7,121	4,146	144	285	27	137	2,383
950-77	Plastic bottles, vials & ampoules	3,262	2,897	15	75	-	2	275
950-79	Shipping containers, plastic & parts	11,878	8,732	337	303	119	81	1,806
	SUB-TOTAL	21,761	15,775	496	663	146	220	4,464
850-67	Tableware plastic exc. disposable	8,828	7,566	137	62	-	300	764
961-90	End products	8,905	8,165	115	279	55	49	232
	SUB-TOTAL	17,733	15,731	252	341	55	349	996
	TOTAL	180,902	117,520	4,851	5,798	2,176	9,138	41,418

SOURCE: Statistics Canada, Catalogue 65-004, "Exports by Commodities".

TABLE XXIV

PLASTICS EXPORTS
\$'000

PRODUCTION OF CRUDE PETROLEUM & NATURAL GAS INDUSTRY SIC 064

<u>Description</u>	<u>1978</u> \$'000	<u>1979 (p)</u> \$'000	<u>%</u> <u>Change</u>
Crude petroleum	5,810,996	7,610,953	31.0
Natural gas	3,923,465	4,708,800	20.0
Natural gas by-products	1,063,670	1,351,091	27.0
Sulphur in smelter gas	11,649	12,675	8.8
Sulphur, elemental	101,392	145,072	43.1

(p) Preliminary estimate

SOURCE: Statistics Canada, Catalogue 26-202,
"Canada's Mineral Production".

TABLE XXV

CRUDE PETROLEUM & NATURAL GAS PRODUCTION
\$'000

IMPORTS OF CRUDE PETROLEUM AND NATURAL GAS INDUSTRY SIC 064

<u>Description</u>	<u>1978</u> <u>\$'000</u>	<u>1979</u> <u>\$'000</u>	<u>%</u> <u>Change</u>
Crude petroleum	3,466,288	4,478,498	29.2
Natural gas	115	223	93.9
Bituminous substances	3,107	1,733	-44.2
Liquified petroleum gases	4,492	5,210	16.0
Sulphur	989	592	-40.1
TOTAL	<u>3,474,991</u>	<u>4,486,256</u>	<u>29.1</u>

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XXVI

CRUDE PETROLEUM & NATURAL GAS IMPORTS
\$'000

IMPORTS OF CRUDE PETROLEUM AND NATURAL GAS INDUSTRY BY COUNTRY

JANUARY-DECEMBER 1979

\$'000

Class No.	Description	All Countries	USA	UK	EEC	Middle East	Venezuela	Other
264-10	Crude petroleum	4,478,498	1,080,989	14,359	-	1,832,437	1,436,119	114,595
264-31	Natural gas	223	223	-	-	-	-	-
<u>BITUMINOUS SUBSTANCES</u>								
264-32	Asphalt, natural	1,035	1,015	8	7	-	-	4
264-99	Crude bituminous substances, n.e.s.	698	559	-	138	-	-	-
	SUB-TOTAL	1,733	1,574	8	145	-	-	4
439-65	Liquified petroleum gases	5,210	5,128	32	39	-	-	10
279-77	Sulphur, crude or refined	592	582	-	9	-	-	-
	TOTAL	4,486,256	1,088,496	14,399	193	1,832,437	1,436,119	114,609

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XXVII

EXPORTS OF CRUDE PETROLEUM AND NATURAL GAS INDUSTRY SIC 064

<u>Description</u>	<u>1978</u> \$'000	<u>1979</u> \$'000	<u>%</u> <u>Change</u>	
Crude petroleum	1,572,662	2,404,582	52.9	
Natural gas	2,190,294	2,889,054	31.9	
Bituminous substances	61,654	103,548	68.0	
Liquified petroleum gases	391,462	524,792	34.1	
Sulphur	163,940	206,592	26.0	
SIC 064	TOTAL	4,380,012	6,128,568	39.9

SOURCE: Statistics Canada, Catalogue 65-004,
"Exports by Commodities".

TABLE XXVIII

EXPORTS CRUDE PETROLEUM & NATURAL GAS
\$'000

EXPORTS OF CRUDE PETROLEUM AND NATURAL GAS INDUSTRY BY COUNTRY
\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Other
264-10	Crude petroleum	2,404,582	2,404,582	-	-	-	-	-
264-31	Natural gas	2,889,054	2,889,054	-	-	-	-	-
264-99	Crude bituminous substances, n.e.s.	103,548	103,536	-	12	-	-	-
<u>Liquified Petroleum Gases</u>								
439-62	Butane	217,991	217,991	-	-	-	-	-
439-63	Propane	306,801	266,314	-	3	40,458	-	26
	SUB-TOTAL	524,792	484,305	-	3	40,458	-	26
<u>Sulphur, Crude or Refined</u>								
279-75	Sulphur in ores	281	281	-	-	-	-	-
279-77	Sulphur, crude or refined, n.e.s.	206,311	26,600	3,164	26,998	-	14,969	134,580
	SUB-TOTAL	206,592	26,881	3,164	26,998	-	14,969	134,580
	TOTAL	6,128,568	5,908,358	3,164	27,013	40,458	14,969	134,606

SOURCE: Statistics Canada, Catalogue 65-004,
"Exports by Commodities".

TABLE XXIX

EXPORTS CRUDE PETROLEUM & NATURAL GAS
\$'000

PETROLEUM REFINERIES SIC 365ESTIMATED VALUE OF SHIPMENTS

\$'000

<u>Description</u>	<u>1978</u>	<u>1979 (p)</u>	<u>% Change</u>
Petroleum refineries (1)	9,940,315	11,923,814	20.0

(1) Includes petroleum refining and manufacturing of lubricating oils and greases.

(p) Preliminary

SOURCE: Statistics Canada, Catalogue 31-001,
"Inventories, Shipments and Orders in
Manufacturing Industries".

TABLE XXX

PETROLEUM REFINERY SHIPMENTS

IMPORTS OF PETROLEUM AND COAL PRODUCTS BY SUB-GROUP

\$'000

<u>Description</u>	<u>1978</u>	<u>1979</u>	<u>% Change</u>
<u>Petroleum Refineries SIC 365</u>			
Gasoline	358	11,290	-3053.6
Fuel oil	147,978	136,615	-7.7
Other refinery products	16,786	21,595	28.6
Lubricating oils & greases	64,460	70,333	9.1
SIC 365 TOTAL	229,582	239,833	4.5
<u>Miscellaneous Petroleum & Coal Products</u>			
SIC 369 TOTAL	145,784	149,469	2.5
GRAND TOTAL	375,366	389,302	3.7

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XXXI

IMPORTS PETROLEUM & COAL PRODUCTS
\$'000

IMPORTS - PETROLEUM AND COAL PRODUCTS BY COUNTRY
\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Neth. Antilles	Venezuela	Other
<u>PETROLEUM REFINERIES SIC 365</u>								
<u>Gasoline</u>								
431-09	Aviation gasoline	17	17	-	-	-	-	-
431-49	Motor gasoline, n.e.s.	11,273	10,306	-	-	967	-	-
	TOTAL	11,290	10,323	-	-	967	-	-
<u>Fuel Oil</u>								
432-09	Aviation turbine fuel	7,244	1,119	6,125	-	-	-	-
432-19	Diesel and Tractor fuel	16,681	467	-	-	16,214	-	-
432-25	Kerosene, n.e.s. (including gas oil)	54	28	-	-	25	-	-
432-40	Fuel oil No. 1 (stove oil)	242	242	-	-	-	-	-
432-45	Fuel oil (No. 2 & 3) (furnace & light fuel oil)	17,863	6	-	-	-	17,857	-
432-59	Fuel oil, n.e.s. (heavy oil)	94,531	46,993	-	-	16,657	30,880	-
	TOTAL	136,615	48,855	6,125	-	32,896	48,737	-
<u>OTHER REFINERY PRODUCTS</u>								
439-20	Naphtha	1,217	1,217	-	-	-	-	-
439-29	Refined material oils, n.e.s. (except chemicals)	14,790	13,736	131	922	-	-	1
439-45	Petroleum jelly	1,667	1,667	-	-	-	-	-

TABLE XXXII (Cont'd)

IMPORTS PETROLEUM & COAL PRODUCTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Neth. Antilles	Venezuela	Other
<u>OTHER REFINERY PRODUCTS (Cont.)</u>								
439-50	Paraffin wax, crude	344	344	-	-	-	-	-
439-55	Microcrystalline wax	948	938	-	1	-	-	9
439-59	Paraffin wax, refined, n.e.s.	2,629	2,293	146	188	-	-	2
	TOTAL	21,595	20,195	277	1,111	-	-	12
<u>Lubricating Oils and Greases</u>								
433-29	Cutting, penetrating & lubricating oils	57,096	46,731	557	220	-	-	9,587
433-49	Lubricating greases	13,237	12,625	164	276	-	-	174
	TOTAL	70,333	59,356	721	496	-	-	9,761
PETROLEUM REFINERIES	TOTAL	239,833	138,729	7,123	1,607	33,863	48,737	9,773
<u>MISCELLANEOUS PETROLEUM & COAL PRODUCTS SIC 369</u>								
435-30	Petroleum coke pitch coke	56,682	48,756	7,909	-	-	-	17
435-49	Coke, n.e.s.	49,890	49,889	1	-	-	-	-
439-09	Refined asphalts & road oils	5,464	4,629	-	-	-	828	7
439-41	Coal tar & coal pitch	19,409	9,684	-	-	-	-	9,725

TABLE XXXII (Cont'd)

IMPORTS PETROLEUM & COAL PRODUCTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Neth. Antilles	Venezuela	Other
<u>MISCELLANEOUS PETROLEUM & COAL PRODUCTS (Cont.)</u>								
439-95	Petroleum products n.e.s. (except chemicals)	12,490	12,393	2	3	-	2	92
261-89	Coal & coke briquettes	4,943	4,934	-	10	-	-	-
439-97	Coal products n.e.s. (except chemicals)	591	567	-	-	-	-	25
<u>MISCELLANEOUS PETROLEUM & COAL PRODUCTS TOTAL</u>		<u>149,469</u>	<u>130,852</u>	<u>7,912</u>	<u>13</u>	<u>-</u>	<u>830</u>	<u>9,866</u>
<u>PETROLEUM AND COAL PRODUCTS GRAND TOTAL</u>		<u>389,302</u>	<u>269,581</u>	<u>15,035</u>	<u>1,620</u>	<u>33,863</u>	<u>49,567</u>	<u>19,639</u>

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XXXII (End)

IMPORTS PETROLEUM & COAL PRODUCTS
\$'000

EXPORTS OF PETROLEUM AND COAL PRODUCTS BY SUB-GROUP

<u>Description</u>	<u>1978</u> \$'000	<u>1979</u> \$'000	<u>%</u> <u>Change</u>
<u>Petroleum Refineries SIC 365</u>			
Gasoline	23,248	205,871	785.5
Fuel oil	266,274	926,535	248.0
Lubricating oils & greases	1,379	3,133	127.2
SIC 365 TOTAL	290,901	1,135,539	290.4
<u>Miscellaneous Petroleum & Coal Products SIC 369</u>			
Coke of petroleum and coal	27,760	29,662	6.9
Other petroleum and coal products	66,418	189,056	184.6
SIC 369 TOTAL	94,178	218,718	132.2
Petroleum and coal products - Total	385,079	1,354,257	251.7

SOURCE: Statistics Canada, Catalogue 65-004,
"Exports by Commodities".

TABLE XXXIII

EXPORTS PETROLEUM & COAL PRODUCTS
\$'000

EXPORTS OF PETROLEUM AND COAL PRODUCTS BY COUNTRY
\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	St. Pierre & Miquelon	Other
<u>GASOLINE</u>							
431-99	Gasoline	205,871	135,777	-	23,525	365	46,204
<u>FUEL OIL</u>							
432-49	Fuel oil No. 1,2,3 (stove, furnace & light fuel oil)	556,527	140,922	-	185,114	6,380	224,111
432-59	Fuel oil heavy No. 4,5, 6 & bunker oils	320,186	296,383	6,342	11,450	-	6,011
432-69	Fuel oil, n.e.s.	49,822	27,805	-	9,547	1,069	11,401
	TOTAL	926,535	465,110	6,342	206,111	7,449	241,523
<u>LUBRICATING OILS & GREASES</u>							
433-99	Lubricating oils & greases	3,133	1,912	19	212	66	925
<u>PETROLEUM COKE & PITCH COKE</u>							
261-89	Coal & coke briquettes	-	-	-	-	-	-
435-30	Petroleum coke and pitch coke	14,890	9,471	4	-	-	5,414
435-49	Coke, n.e.s.	14,772	12,542	81	2,150	-	-
	TOTAL	29,662	22,013	85	2,150	-	5,414

TABLE XXXIV

EXPORTS PETROLEUM & COAL PRODUCTS
\$'000

Class No.	Description	All Countries	USA	UK	EEC	St. Pierre & Miquelon	Other
<u>OTHER PETROLEUM AND COAL PRODUCTS</u>							
439-09	Refined asphalts & road oils	18,224	17,442	454	17	160	152
439-41	Coal tar and coal pitch	3,099	2,769	316	-	-	16
439-99	Petroleum & coal products, n.e.s.	167,733	156,183	1,994	8,102	80	1,375
	TOTAL	189,056	176,394	2,764	8,119	240	1,543
	GRAND TOTAL	1,354,257	801,206	9,210	240,117	8,120	295,609

SOURCE: Statistics Canada, Catalogue 65-004, "Exports by Commodities".

TABLE XXXIV (End)

EXPORTS PETROLEUM & COAL PRODUCTS
\$'000

IMPORTS OF SCIENTIFIC AND PROFESSIONAL EQUIPMENT
SELECTED HEALTH CARE ITEMS BY SUB-GROUP

SIC 391

<u>Description</u>	<u>1978</u> \$'000	<u>1979</u> \$'000	<u>%</u> <u>Change</u>
Surgical and medical supplies	130,575	159,832	22.4
Dental supplies	24,678	32,880	33.2
Ophthalmic goods	68,543	78,212	14.1
Hearing aids and parts	7,815	11,040	41.3
Orthopaedic appliances	9,609	11,008	14.6
Medical instruments and related products	205,349	265,000	29.0
TOTAL	446,569	557,972	24.9

SOURCE: Statistics Canada, Catalogue 65-007,
 "Imports by Commodities".

TABLE XXXV

HEALTH CARE ITEMS IMPORTS
 \$'000

IMPORTS OF SCIENTIFIC & PROFESSIONAL EQUIPMENT
SELECTED HEALTH CARE ITEMS BY COUNTRY
 \$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>SURGICAL AND MEDICAL SUPPLIES</u>									
881-13	Bandages, surgical gauze, absorbent cotton and dressings	8,613	5,357	2,133	898	-	9	-	216
881-20	Sutures, suture needles and sutures with needles	8,808	6,982	12	1,267	81	214	-	252
881-31	Blood handling, analysing, collecting and processing supplies	17,372	10,232	86	378	54	500	-	6,121
881-41	Urinary and ostomy appliances, supplies and parts	3,874	3,469	108	250	-	9	-	38
881-51	Catheters, bougies, drains and sondes	5,401	3,794	982	96	10	324	-	195
881-71	Hospital supplies of chemical origin	36,254	29,076	1,743	3,681	258	172	-	1,325
881-81	Surgical implants	9,990	8,406	152	616	595	-	-	222
881-94	Disposable syringes, syringe needles and parts	16,560	15,739	11	243	4	555	-	7
881-97	Disposable medical and surgical instruments and kits n.e.s.	19,341	15,372	582	1,058	16	197	-	2,115
881-99	Medical, surgical and hospital supplies, n.e.s.	33,619	28,575	1,255	918	151	370	11	2,339
<u>SURGICAL AND MEDICAL SUPPLIES TOTAL</u>		<u>159,832</u>	<u>127,002</u>	<u>7,064</u>	<u>9,405</u>	<u>1,169</u>	<u>2,350</u>	<u>11</u>	<u>12,830</u>

TABLE XXXVI

IMPORTS HEALTH CARE
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>DENTAL SUPPLIES</u>									
882-04	Artificial teeth, dentures and parts	6,222	5,111	46	575	378	35	-	77
882-99	Dental supplies, n.e.s.	26,658	23,117	217	929	2,103	96	-	197
<u>DENTAL SUPPLIES TOTAL</u>		32,880	28,228	263	1,504	2,481	131	-	274
<u>OPHTHALMIC GOODS</u>									
883-12	Spectacle and eyeglass frames	32,490	5,693	121	21,542	478	1,198	7	3,451
883-14	Sunglasses, complete with lenses	11,941	5,808	14	2,187	80	1,119	27	2,708
883-16	Spectacles and eyeglasses complete with lenses n.e.s.	628	334	3	181	-	87	-	21
883-19	Parts for spectacle and eyeglass frames	3,169	1,743	65	839	282	40	-	201
883-99	Ophthalmic goods n.e.s.	29,984	22,550	2,115	3,638	39	956	-	685
<u>OPHTHALMIC GOODS TOTAL</u>		78,212	36,128	2,318	28,387	879	3,400	34	7,066
<u>HEARING AIDS</u>									
884-99	Hearing aids and parts	11,040	6,291	12	4,185	418	3	-	131
<u>ORTHOPAEDIC APPLIANCES</u>									
885-52	Artificial limbs (prosthetic) and parts	1,833	1,338	46	420	28	-	-	-
885-54	Elastic hosiery	514	395	12	92	15	-	-	-

TABLE XXXVI (Cont'd)

IMPORTS HEALTH CARE
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Other
<u>ORTHOPAEDIC APPLIANCES (Cont.)</u>									
885-71	Wheel chairs, invalid chairs and parts	4,014	3,512	391	101	10	-	-	-
885-99	Orthopaedic appliances and parts n.e.s.	4,647	4,178	149	221	31	-	-	68
<u>ORTHOPAEDIC APPLIANCES TOTAL</u>		<u>11,008</u>	<u>9,423</u>	<u>598</u>	<u>834</u>	<u>84</u>	<u>-</u>	<u>-</u>	<u>68</u>
<u>MEDICAL AND RELATED INSTRUMENTS AND EQUIPMENT</u>									
706-09	Physiological monitoring and recording equipment, systems, accessories and parts	30,709	27,266	275	535	52	63	-	2,520
706-19	Electro-medical and electro-surgical equipment, apparatus and parts n.e.s.	9,307	8,026	290	676	61	56	-	199
706-31	Surgical instruments of steel, accessories and parts	27,157	21,109	1,117	2,947	264	579	-	1,140
706-39	Medical diagnostic instruments n.e.s.	22,379	16,317	160	3,794	98	1,809	-	202
706-51	Dental instruments, equipment, accessories and parts	22,121	18,986	371	1,479	255	856	-	175
706-69	Ophthalmic equipment, apparatus, accessories and parts	3,142	2,320	238	93	402	79	-	9

TABLE XXXVI (Cont'd)

IMPORTS HEALTH CARE
\$'000

Class No.	Description	All Countries	USA	UK	EEC	Switz.	Japan	Mexico	Othe:
<u>MEDICAL AND RELATED INSTRUMENTS AND EQUIPMENT (Cont.)</u>									
706-79	Physiotherapy and veterinary instruments, equipment and parts	4,775	3,714	44	741	5	1	-	271
706-81	Sterilizers, autoclaves and parts (except industrial)	6,660	6,572	66	20	-	-	-	2
706-83	Anaesthetic, and oxygen administering equipment, accessories and parts	15,885	15,189	627	41	3	5	-	20
706-89	Medical and hospital equipment and parts n.e.s.	38,364	32,912	1,514	1,042	572	357	-	1,968
707-29	Optical apparatus and instruments and parts n.e.s.	15,648	11,761	655	794	81	2,099	-	256
709-09	X-ray and related equipment and parts	68,853	50,933	274	14,478	419	1,021	-	1,728
<u>MEDICAL AND RELATED INSTRUMENTS AND EQUIPMENT TOTAL</u>		<u>265,000</u>	<u>215,105</u>	<u>5,631</u>	<u>26,640</u>	<u>2,212</u>	<u>6,925</u>	<u>-</u>	<u>8,490</u>
<u>GRAND TOTAL</u>		<u>557,972</u>	<u>422,177</u>	<u>15,886</u>	<u>70,955</u>	<u>7,243</u>	<u>12,809</u>	<u>45</u>	<u>28,859</u>

SOURCE: Statistics Canada, Catalogue 65-007,
"Imports by Commodities".

TABLE XXXVI (End)

IMPORTS HEALTH CARE
\$'000

EXPORTS OF SCIENTIFIC & PROFESSIONAL EQUIPMENT
SELECTED HEALTH CARE ITEMS BY SUB-GROUP

SIC 391

<u>Description</u>	<u>1978</u> \$'000	<u>1979</u> \$'000	<u>%</u> <u>Change</u>
Surgical and medical supplies	9,302	22,205	138.7
Dental supplies	1,876	988	-47.3
Ophthalmic goods	13,824	10,732	-22.4
Hearing aids & orthopaedic appliances and parts	2,072	2,563	23.7
Medical & related instruments and parts	44,522	53,281	19.7
TOTAL	71,596	89,769	25.4

SOURCE: Statistics Canada, Catalogue 65-004,
 "Exports by Commodities".

TABLE XXXVII

HEALTH CARE ITEMS EXPORTS
 \$'000

EXPORTS OF SCIENTIFIC & PROFESSIONAL EQUIPMENT
SELECTED HEALTH CARE ITEMS BY COUNTRY

\$'000 (1979)

Class No.	Description	All Countries	USA	UK	EEC	Japan	Australia	Mexico	Other
<u>SURGICAL AND MEDICAL SUPPLIES</u>									
881-13	Bandages, dressings, surgical gauze	7,072	4,008	55	1,638	90	23	-	1,257
881-99	Medical and surgical supplies, n.e.s.	15,133	4,635	633	6,654	392	1,081	25	1,711
SURGICAL & MEDICAL SUPPLIES TOTAL		22,205	8,643	688	8,292	482	1,104	25	2,968
<u>DENTAL SUPPLIES</u>									
882-99	Dental supplies	988	747	11	38	-	10	-	183
<u>OPHTHALMIC GOODS</u>									
883-20	Ophthalmic lenses	3,124	471	382	751	628	78	23	792
883-99	Ophthalmic goods, n.e.s.	7,608	2,803	255	2,010	84	182	-	2,272
OPHTHALMIC GOODS TOTAL		10,732	3,274	637	2,761	712	260	23	3,064
<u>HEARING AIDS, ORTHOPAEDIC APPLIANCES & PARTS</u>									
885-99	Hearing aids, orthopaedic appliances and parts	2,563	1,131	76	865	157	45	27	263
<u>MEDICAL & RELATED INSTRUMENTS & PARTS</u>									
706-99	Medical & related instrument equipment and parts, n.e.s.	18,107	11,923	531	1,387	1,080	860	121	2,206
707-99	Optical instruments & parts	2,225	1,809	22	104	14	55	-	223
709-09	X-ray & related equipment and parts	32,949	26,046	88	2,731	885	936	22	2,243
MEDICAL & RELATED INSTRUMENTS AND PARTS TOTAL		53,281	39,778	641	4,222	1,979	1,851	143	4,672
<u>SCIENTIFIC & PROFESSIONAL EQUIPMENT</u>									
GRAND TOTAL		89,769	53,573	2,053	16,178	3,330	3,270	218	11,150

SOURCE: Statistics Canada, Catalogue 65-004, "Exports by Commodities".

TABLE XXXVIII

EXPORTS HEALTH CARE
\$'000

CAPITAL AND REPAIR EXPENDITURES

1977-1979⁽¹⁾

		Capital			Repairs			Capital and repairs Total
		Con- struc- tion	Machinery and Equipment	Sub- Total	Con- struc- tion	Machinery and Equipment	Sub- Total	
(millions of dollars)								
<u>CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES</u>								
1. Mixed fertilizers	1977	2.3	6.8	9.1	0.9	5.4	6.3	15.4
	1978	1.9	5.3	7.2	1.2	5.8	7.0	14.2
	1979	0.7	3.7	4.4	0.9	7.1	8.0	12.4
2. Plastics and synthetic resins	1977	11.7	42.5	54.2	2.0	24.4	26.4	80.6
	1978	8.9	46.1	55.0	2.8	30.7	33.5	88.5
	1979	8.8	61.8	70.6	3.0	33.4	36.4	107.0
3. Pharmaceuticals and medicines	1977	12.2	14.8	27.0	3.1	6.3	9.4	36.4
	1978	12.1	18.6	30.7	2.8	6.5	9.3	40.0
	1979	13.3	25.2	38.5	2.9	7.3	10.2	48.7
4. Paints and varnish	1977	3.3	9.3	12.6	1.4	4.2	5.6	18.2
	1978	1.9	7.3	9.2	1.1	4.6	5.7	14.9
	1979	4.0	9.3	13.3	1.0	4.9	5.9	19.2
5. Soap and cleaning compounds	1977	2.9	14.3	17.2	1.0	11.1	12.1	29.3
	1978	6.4	19.1	25.5	0.9	11.2	12.1	37.6
	1979	8.9	40.8	49.7	1.2	13.7	14.9	64.6
6. Toilet preparations	1977	3.3	5.5	8.8	1.1	2.1	3.2	12.0
	1978	1.1	6.1	7.2	0.9	1.7	2.6	9.8
	1979	2.4	8.5	10.9	0.7	1.6	2.3	13.2
7. Industrial chemicals	1977	437.3	719.8	1157.1	51.5	215.7	267.2	1424.3
	1978	553.9	665.4	1219.3	61.2	226.4	287.6	1506.9
	1979	339.6	577.2	916.8	67.6	234.1	301.7	1218.5

TABLE XXXIX (Cont'd)

CAPITAL REPAIR EXPENDITURES

		Capital			Repairs			Capital and repairs Total
		Con- struc- tion	Machinery and equipment	Sub- Total	Con- struc- tion	Machinery and equipment	Sub- Total	
(millions of dollars)								
<u>CHEMICAL AND CHEMICAL</u>								
<u>PRODUCTS INDUSTRIES</u>								
<u>CONT'D</u>								
8. Other chemical and chemical products	1977	16.7	27.8	44.5	4.1	17.8	21.9	66.4
	1978	13.9	39.9	53.8	3.5	17.1	20.6	74.4
	1979	14.7	31.4	46.1	3.9	18.2	22.1	68.2
Sub-total (Items 1 to 8)	1977	489.7	840.8	1330.5	65.1	287.0	352.1	1682.6
	1978(2)	600.1	807.8	1407.9	74.4	304.0	378.4	1786.3
	1979(2)	392.4	757.9	1150.3	81.2	320.3	401.5	1551.8
<u>RUBBER INDUSTRIES...</u>	1977	7.0	49.4	56.4	4.1	53.2	57.3	113.7
	1978	5.7	49.1	54.8	4.8	61.0	65.8	120.6
	1979	9.7	60.6	70.3	4.4	63.9	68.3	138.6
<u>PLASTICS FABRICATING INDUSTRY..</u>	1977	7.2	37.6	44.8	2.6	24.6	27.2	72.0
	1978	10.8	36.6	47.4	2.6	19.3	21.9	69.3
	1979	10.6	44.3	54.9	2.4	20.9	23.3	78.2
<u>PETROLEUM AND COAL</u>	1977	268.2	98.4	366.6	125.7	45.8	171.5	538.1
<u>PRODUCTS INDUSTRIES...</u>	1978	230.3	95.6	325.9	121.9	47.1	169.0	494.9
	1979	159.7	80.2	239.9	136.8	52.3	189.1	429.0
<u>MANUFACTURING - TOTAL -</u>	1977	1658.9	4421.8	6080.7	530.5	2685.3	3215.8	9296.5
	1978	1674.7	4565.1	6239.8	545.2	2836.5	3381.7	9621.5
	1979	1630.0	5167.9	6797.9	595.6	3029.5	3625.1	10423.0

(1) 1977 actual expenditures, 1978 and 1979 are, respectively, preliminary estimates and intentions, Statistics Canada catalogue, "Investment Statistics" (61-214).

(2) The totals for all major groups equal the totals published in Statistics Canada catalogue, "Private and Public Investment in Canada, Outlook 1980" (61-205).

CAPITAL AND REPAIR EXPENDITURES

1978-1980⁽¹⁾

		Capital			Repairs			Capital and repairs Total
		Con- struc- tion	Machinery and equipment	Sub- Total	Con- struc- tion	Machinery and equipment	Sub- Total	
(millions of dollars)								
<u>CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES ...</u>	1978	600.1	807.8	1407.9	74.4	304.0	378.4	1786.3
	1979	392.4	757.9	1150.3	81.2	320.3	401.5	1551.8
	1980	238.2	862.8	1101.1	72.8	361.5	434.3	1535.3
<u>RUBBER AND PLASTICS PRODUCTS INDUSTRIES ...</u>	1978	16.5	85.7	102.2	7.4	80.3	87.7	189.9
	1979	20.3	104.9	125.2	6.8	84.8	91.6	216.8
	1980	24.2	129.1	153.3	9.7	99.6	109.3	262.6
<u>PETROLEUM AND COAL PRODUCTS INDUSTRIES ...</u>	1978	230.3	95.6	325.9	121.9	47.1	169.0	494.9
	1979	159.7	80.2	239.9	136.8	52.3	189.1	429.0
	1980	252.4	104.5	356.9	168.7	69.1	237.8	594.7
<u>MANUFACTURING - TOTAL -</u>	1978(2)	1674.7	4565.1	6239.8	545.2	2836.5	3381.7	9621.5
	1979(2)	1630.0	5167.9	6797.9	595.6	3029.5	3625.1	10423.0
	1980(2)	1820.1	7252.6	9072.7	676.4	3542.3	4218.7	13291.4

(1) 1978 actual expenditures, 1979 and 1980 are, respectively, preliminary estimates and intentions.

(2) The totals for all major groups equal the totals published in Statistics Canada catalogue, "Private and Public Investment in Canada, Outlook 1980" (61-205).

TABLE XL

CAPITAL AND REPAIR EXPENDITURES

CHEMICALS BRANCH STATISTICAL REVIEWREFERENCE LIST

<u>Statistics Canada Catalogue No.</u>	<u>Description</u>
26-202	Canada's Mineral Production
31-001	Inventories, Shipments and Orders in Manufacturing Industries
46-002	Specified Chemicals
61-005	Indexes of Real Domestic Product by Industry
61-205	Private and Public Investment in Canada, Outlook 1980
61-214	Investment Statistics
65-004	Exports by Commodities
65-007	Imports by Commodities

