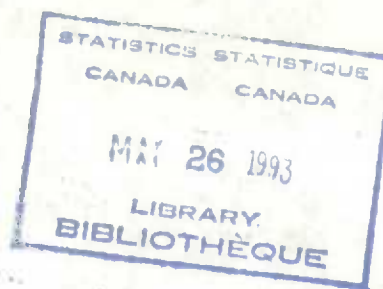


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Capital Expenditures on Machinery and Equipment

By Type of Asset

1991



Capital Expenditures Section

Investment and Capital Stock Division

May 6, 1993

CES-34015E (aussi disponible en francais)

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Appendix

Copy of General Questionnaire

Reporting Guide - General Questionnaire

Asset Description and Codes

Note to Users

The private and public investment survey collects data for 30 different types of machinery and equipment for most sectors of the Canadian economy (see table A).

These data are now available for the year 1991 for 55 industries, which represent 84% of the all-industry total of \$47.7 billion, published in Private and Public Investment in Canada, Intentions 1993 (Daily - February 26, 1993).

Comparable data are also available for 1985-1990. Agriculture was included for the first time in 1989. To complete the coverage, further industries will be added in succeeding years.

Estimates of capital expenditures on machinery and equipment by type of asset at the Canada level only are now computed for the years 1992 and 1993. These advance estimates are based on the average asset distribution of the 1989-1991 actual data.

For more detailed information on this release or for additional data, please contact Robert Masse (613-951-2590) ; Capital Expenditures Section, Investment and Capital Stock Division.

Symbols

The following symbols are used in this document:

- X confidential to meet secrecy requirements of the Statistics Act.
- nil or zero

TABLE A

Capital Expenditures on Machinery and Equipment (1)
1991 Actual Expenditures

Sectors	Published Total Capital Machinery and Equipment	Detail by Asset	
		Included for 1991	To Be Obtained in Later Phases
		millions of dollars	
Agriculture	1,571	1,571	
Fishing	81		81
Forestry	52	52	
Mining	906	594	
Crude Petroleum and Natural Gas			312
Construction Industry	1,420		1,420
Manufacturing	14,641	14,641	
Utilities	12,182	6,796	
Pipelines			201
Electric Power			5,186
Trade, Finance, Commercial	12,577	12,577	
Institutions	1,480	1,196	
Schools (Municipal & Provincial)			283
Government Departments	2,745	2,745	
Total	47,654	40,172	7,482
Percentage of Published Total	100%	84%	16%

(1) Totals by sector or industry as published in Private and Public Investment in Canada (catalogue 61-205)

HIGHLIGHTS

Canada and Provinces

- * Capital expenditures on transportation equipment increased by 3.3% (\$0.3 billion) from 1990 to 1991 to reach \$9.3 billion. A significant advance was reported for aircrafts, helicopters, engines and parts (\$0.8 billion), mainly in Ontario and British Columbia. This increase was partly offset by decreases for automobiles (-\$0.4 billion) and for trucks and vans (-\$0.1 billion).
- * Capital expenditures on general machinery and equipment decreased by 6.0% (-\$1.8 billion) in 1991 to \$28.4 billion. The most important declines were observed for processing equipment (-\$1.1 billion), largely in Quebec, Ontario, Alberta and British Columbia, for non-office furniture, furnishings and fixtures (-\$0.3 billion), mainly in Ontario and Quebec, and for tractors and farm equipment (-\$0.2 billion), to a large extent in Alberta.

Sectors

Manufacturing

- * In the manufacturing sector, capital expenditures on machinery and equipment decreased by 6.7% (-\$1.1 billion) in 1991 to \$14.6 billion. This follows a 7.5% decrease from 1989 to 1990. The decrease in 1991 is mainly attributable to reduced spending on processing equipment (-\$1.1 billion, -10.5%).
- * Expenditures on computer-assisted processing equipment in the manufacturing sector reached \$3.2 billion in 1991, representing 34.4% of total capital expenditures on processing equipment. In 1990, this proportion was significantly lower at 21.5%.

Utilities

- * Capital expenditures on machinery and equipment rose by 6.9% (\$0.4 billion) from 1990 to 1991 in the utilities sector. The increase of \$0.8 billion for aircraft, helicopters, engines and parts was partly offset by decreases of \$0.2 billion for communication and related equipment and of \$0.2 billion in rail, subway and rapid transit rolling stock.

Trade, Finance, Commercial

- * Capital expenditures on machinery and equipment decreased by 4.6% (-\$0.6 billion) in 1991 in the trade, finance and commercial sector, the second consecutive annual decline observed. Reduced expenditures were particularly significant in 1991 for non-office furniture (-\$0.2 billion), automobiles (-\$0.2 billion) and trucks (-\$0.1 billion).

Institutions and Governments

- * Capital expenditures on machinery and equipment in the institutions and governments sector decreased very slightly (-0.4%) in 1991 to \$3.9 billion. The advance in scientific, professional and medical devices was offset by the declines observed for automobiles and trucks.

TABLE 1, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
BY SECTOR, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	AGRICULTURE, MANUFACTURING FORESTRY AND MOST OF MINING	UTILITIES	TRADE FINANCE AND COMMERCIAL	INSTITUTIONS GOVERNMENT DEPARTMENTS	GRAND TOTAL	
TRANSPORTATION EQUIPMENT						
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	163.6	37.9	55.3	4,368.9	128.5	4,754.2
BUSES AND MAJOR REPLACEMENT PARTS.....	0.2	-	X	X	2.1	252.7
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	386.7	101.5	337.7	886.4	236.3	1,948.6
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	1.2	0.1	2.8	11.5	1.1	16.7
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	3.6	22.8	135.9	128.2	0.5	291.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.7	X	X	2.9	70.8	307.4
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	X	1,628.2	X	35.8	1,699.5
OTHER TRANSPORTATION EQUIPMENT.....	2.3	1.3	47.2	9.0	19.7	79.5
SUB-TOTAL.....	558.4	179.3	2,666.4	5,450.7	494.8	9,349.6
GENERAL MACHINERY AND EQUIPMENT						
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	1.8	225.8	87.6	1,248.7	344.1	1,908.0
COMPUTER HARDWARE AND MORE PROCESSORS.....	16.4	429.4	392.2	2,991.3	947.0	4,776.3
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.1	97.1	1.8	1,079.1	223.1	1,401.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	5.4	102.9	19.6	98.1	760.0	986.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	10.1	131.7	78.7	34.6	31.2	286.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	6.6	610.4	7.9	0.1	43.7	668.7
SAFETY AND SECURITY EQUIPMENT.....	1.7	14.5	0.9	5.8	40.7	63.6
SANITATION EQUIPMENT.....	-	0.9	-	0.4	5.9	7.2
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	25.1	166.7	56.4	129.2	29.0	406.4
HEAVY CONSTRUCTION EQUIPMENT.....	156.9	36.8	7.1	363.4	93.6	657.8
TRACTORS, FARM EQUIPMENT.....	1,119.3	5.4	1.6	30.2	17.0	1,173.5
CAPITALIZED TOOLING AND OTHER TOOLS.....	4.1	763.5	39.6	21.4	11.5	840.1
DRILLING AND BLASTING EQUIPMENT.....	25.5	-	-	0.2	-	25.7
INDUSTRIAL CONTAINERS.....	0.6	4.1	1.3	-	-	6.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	52.6	-	-	-	-	52.6
MINE HOISTS, CAGES, ROPES AND SKIPS.....	10.2	-	-	-	-	10.2
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	35.9	225.3	140.9	166.3	11.6	580.0
PROCESSING EQUIPMENT.....	169.2	9,415.0	10.3	217.5	9.0	9,821.0
COMMUNICATION AND RELATED EQUIPMENT.....	2.6	34.0	3,079.5	124.9	595.4	3,836.4
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	15.2	146.7	56.1	409.8	283.5	911.3
SUB-TOTAL.....	1,659.0	12,410.3	3,981.4	6,920.8	3,446.3	28,417.8
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....		2,051.1	148.1	205.8		2,405.0
TOTAL.....	2,217.3	14,640.7	6,795.9	12,577.3	3,941.1	40,172.3

TABLE 1A

Estimates of Capital Expenditures on Machinery and Equipment in Canada By Type of Asset, 1992 - 1993

	Actual Expenditures 1989	Actual Expenditures 1990	Actual Expenditures 1991	Percentage Distribution 1989-1991 Average	Advance Estimates	
					1992 Preliminary	1993 Forecast
	millions of dollars			%	millions of dollars	
Transportation Equipment						
Automobiles and Major Replacement Parts	5,109.7	5,119.7	4,754.2	11.9	4,525.6	4,772.4
Buses and Major Replacement Parts	336.4	243.5	252.7	0.7	251.5	265.2
Trucks, Vans and Major Replacement Parts	2,193.7	2,076.2	1,946.8	4.9	1,876.6	1,961.3
All-Terrain Vehicles and Major Replacement Parts	31.6	39.6	16.7	0.1	26.6	26.1
Rail/Subway/Rapid Transit Rolling Stock and Parts	435.5	351.1	291.0	0.9	325.5	343.2
Ships and Boats and Major Replacement Parts	422.2	270.5	307.4	0.8	302.1	316.5
Aircraft, Helicopters, Engines and Parts	746.9	897.6	1,699.5	2.7	1,010.1	1,065.1
Other Transportation Equipment	76.6	50.5	79.5	0.2	63.1	66.5
Sub-Total	9,354.6	9,050.6	9,349.6	22.0	8,363.1	8,640.2
General Machinery and Equipment						
Office Furniture, Furnishings, Office Machines	2,877.8	1,901.5	1,906.0	5.1	1,959.4	2,066.2
Computer Hardware and Word Processor	5,063.9	4,669.7	4,776.3	11.7	4,442.9	4,665.2
Non-Office Furniture, Furnishings and Fixtures	1,796.5	1,671.2	1,401.2	3.9	1,470.6	1,550.6
Scientific, Professional and Medical Devices	1,104.5	957.6	966.0	2.4	920.7	970.9
Heating, Electrical, Plumbing, Air Conditioning	331.8	267.6	266.3	0.7	273.5	266.4
Pollution Abatement and Control Equipment	467.9	612.3	666.7	1.8	594.7	627.1
Safety and Security Equipment	93.6	75.2	63.6	0.2	70.2	74.0
Sanitation Equipment	22.7	15.5	7.2	0.0	13.7	14.5
Motors, Generators, Transformers, Pumps	517.4	520.6	406.4	1.1	436.3	460.1
Heavy Construction Equipment	901.0	765.0	657.6	1.9	707.9	746.5
Tractors, Farm Equipment	1,496.5	1,411.1	1,173.5	3.2	1,233.2	1,300.5
Capitalized Tooling and Other Tools	1,015.3	550.7	640.1	1.9	726.7	766.4
Drilling and Blasting Equipment	51.2	34.9	25.7	0.1	33.6	35.6
Industrial Containers	35.6	12.7	6.0	0.0	16.4	17.3
Underground Load, Haulage and Dump Equipment	36.2	32.6	52.8	0.1	37.3	39.3
Mine Hoists, Cages, Ropes and Skips	16.7	10.6	10.2	0.0	11.4	12.0
Material Handling and Conveying Equipment	556.2	629.4	560.0	1.4	533.3	562.4
Processing Equipment	11,807.1	10,926.4	9,821.0	25.6	9,633.2	10,369.4
Communication and Related Equipment	3,576.1	3,996.5	3,636.4	9.0	3,447.1	3,635.1
Other Machinery and Equipment (n.e.s.)	607.1	716.4	911.3	1.6	675.6	712.4
Sub-Total	32,201.0	30,224.6	26,417.6	72.0	27,436.0	28,934.1
Capital Items Charged to Operating Expenses	2,562.4	2,526.4	2,405.0	6.0	2,270.0	2,393.6
Total	44,138.1	41,803.6	40,172.3	100.0	38,091.0	40,166.0

TABLE 2.1, PROCESSING EQUIPMENT - MANUFACTURING SECTOR
COMPUTER-ASSISTED / CONVENTIONAL
BY PROVINCE AND TERRITORIES
ACTUAL 1989, 1990, 1991
(MILLIONS OF DOLLARS)

PROVINCE	YEAR	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
		\$	%	\$	%	\$
NEWFOUNDLAND	1989	4.7	6.8	64.6	93.2	69.3
	1990	4.8	8.7	50.6	91.3	55.4
	1991	6.2	13.5	39.7	86.5	45.9
PRINCE EDWARD ISLAND	1989	0.4	5.2	7.3	94.8	7.7
	1990	X	X	X	X	X
	1991	5.9	11.7	44.7	88.3	50.6
NOVA SCOTIA	1989	129.0	37.8	212.5	62.2	341.5
	1990	145.1	56.3	112.4	43.7	257.5
	1991	73.5	44.7	90.8	55.3	164.3
NEW BRUNSWICK	1989	91.6	16.8	454.9	83.2	546.5
	1990	40.9	21.7	147.3	78.3	188.2
	1991	19.5	14.2	117.6	85.8	137.1
QUEBEC	1989	648.6	18.9	2,780.6	81.1	3,429.2
	1990	658.7	20.0	2,639.4	80.0	3,298.1
	1991	1,189.4	39.4	1,826.7	60.6	3,016.1
ONTARIO	1989	862.1	20.4	3,357.8	79.6	4,219.9
	1990	861.7	22.2	3,020.7	77.8	3,882.4
	1991	1,326.1	35.3	2,434.2	64.7	3,760.3
MANITOBA	1989	30.8	17.3	146.9	82.7	177.7
	1990	X	X	X	X	X
	1991	22.4	21.9	80.0	78.1	102.4
SASKATCHEWAN	1989	25.7	13.6	163.3	86.4	189.0
	1990	148.8	47.0	168.1	53.0	316.9
	1991	63.8	15.3	352.9	84.7	416.7
ALBERTA	1989	84.4	10.5	720.0	89.5	804.4
	1990	170.6	19.4	708.7	80.6	879.3
	1991	106.9	18.0	485.7	82.0	592.6
BRITISH COLOMBIA	1989	406.8	25.4	1,197.9	74.6	1,604.7
	1990	200.3	13.7	1,260.2	86.3	1,460.5
	1991	428.5	38.0	700.0	62.0	1,128.5
TERRITORIES	1989	0.1	16.7	0.5	83.3	0.6
	1990	0.1	25.0	0.3	75.0	0.4
	1991	0.1	25.0	0.3	75.0	0.4
CANADA	1989	2,284.0	20.1	9,106.3	79.9	11,390.3
	1990	2,264.0	21.5	8,253.6	78.5	10,517.6
	1991	3,242.2	34.4	6,172.8	65.6	9,415.0

TABLE 2.2, PROCESSING EQUIPMENT - MANUFACTURING SECTOR
COMPUTER-ASSISTED / CONVENTIONAL
BY INDUSTRY
ACTUAL 1991
(MILLIONS OF DOLLARS)

INDUSTRY	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
	\$	%	\$	%	
FOOD AND BEVERAGES	108.2	13.1	717.4	86.9	825.7
RUBBER AND PLASTICS	118.2	41.2	168.4	58.8	286.6
TEXTILES	20.9	10.3	182.5	89.7	203.4
WOOD	45.7	14.0	279.8	86.0	325.5
PAPER AND ALLIED INDUSTRIES	567.0	28.0	1,456.9	72.0	2,023.8
PRINTING AND PUBLISHING	154.0	39.2	238.4	60.7	392.5
PRIMARY METAL	1,031.1	68.6	471.2	31.4	1,502.2
METAL FABRICATING	30.1	10.2	265.1	89.8	295.2
MACHINERY	24.5	6.1	374.8	93.9	399.3
TRANSPORTATION EQUIPMENT	676.8	62.2	411.6	37.8	1,088.4
ELECTRICAL PRODUCTS	143.6	48.7	151.0	51.3	294.6
NON-METALLIC MINERALS	54.6	21.0	205.5	79.0	260.1
PETROLEUM & COAL PRODUCTS	12.3	5.4	215.8	94.6	228.1
CHEMICALS	206.4	19.6	846.4	80.4	1,052.7
MISC. MANUFACTURING	19.5	15.6	105.6	84.4	125.1
OTHER MANUFACTURING INDUSTRIES	29.4	26.3	82.4	73.7	111.8
MANUFACTURING TOTAL	3,242.2	34.4	6,172.8	65.6	9,415.0

TABLE 3, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
 AGRICULTURE, FORESTRY AND MOST OF MINING
 BY INDUSTRY, BY TYPE OF ASSET
 1991
 (MILLIONS OF DOLLARS)

	AGRICULTURE	FORESTRY	GOLD MINES	COPPER GOLD SILVER MINES	SILVER LEAD ZINC MINES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	160.4	0.7	-	X	-
BUSES AND MAJOR REPLACEMENT PARTS.....	-	0.2	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	340.2	7.3	9.1	3.7	3.3
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	0.2	X	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	0.2	0.5	X	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	0.7	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	1.5	X	X	-
SUB-TOTAL.....	500.6	11.0	9.9	4.4	3.3
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	-	0.5	0.1	0.4	X
COMPUTER HARDWARE AND WORD PROCESSORS.....	-	X	2.3	2.6	0.7
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	-	-	-	-
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	-	0.4	0.9	X
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	-	-	1.7	1.1	1.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	X	1.0	0.6	X
SAFETY AND SECURITY EQUIPMENT.....	-	X	0.3	-	-
SANITATION EQUIPMENT.....	-	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	0.1	1.1	6.8	0.5
HEAVY CONSTRUCTION EQUIPMENT.....	-	14.1	11.3	27.7	X
TRACTORS, FARM EQUIPMENT.....	1,070.4	X	2.9	2.9	0.5
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	1.0	0.3	0.4	0.1
DRILLING AND BLASTING EQUIPMENT.....	-	-	5.3	1.8	1.1
INDUSTRIAL CONTAINERS.....	-	-	0.2	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	6.9	2.7	X
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	2.0	2.9	X
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	5.1	0.7	2.4	2.1
PROCESSING EQUIPMENT.....	-	7.7	37.4	5.5	30.2
COMMUNICATION AND RELATED EQUIPMENT.....	-	0.2	0.5	0.2	0.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	-	1.7	2.2	0.4	0.6
SUB-TOTAL.....	1,070.4	41.1	76.7	59.0	43.0
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	-	-	-	-	-
TOTAL.....	1,571.0	52.0	86.6	63.5	46.3

TABLE 3, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
 AGRICULTURE, FORESTRY AND MOST OF MINING
 BY INDUSTRY, BY TYPE OF ASSET
 1991
 (MILLIONS OF DOLLARS)

	OTHER METAL MINES	NON-METAL MINES	OIL DRILLERS	AGRICULTURE FORESTRY AND MOST OF MINING TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	0.8	0.6	163.5
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	0.2
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	13.0	7.7	2.5	386.8
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	X	X	-	1.1
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	2.2	X	-	3.5
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	0.7
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	X	0.4	-	2.4
SUB-TOTAL.....	16.0	10.1	3.1	558.4
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	X	0.4	0.2	1.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	X	8.1	0.1	16.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	-	-	-
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	X	2.2	-	5.3
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.7	4.3	-	9.9
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	1.4	2.2	-	6.6
SAFETY AND SECURITY EQUIPMENT.....	X	1.0	-	1.7
SANITATION EQUIPMENT.....	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	1.8	14.8	-	25.1
HEAVY CONSTRUCTION EQUIPMENT.....	X	90.8	1.7	156.9
TRACTORS, FARM EQUIPMENT.....	X	10.0	-	1,119.3
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.8	1.5	-	4.1
DRILLING AND BLASTING EQUIPMENT.....	3.0	3.8	10.5	25.5
INDUSTRIAL CONTAINERS.....	0.1	0.3	-	0.6
UNDERGROUND LOAG, HAULAGE AND DUMP EQUIPMENT.....	X	7.2	-	52.7
MINE HOISTS, CAGES, ROPES AND SKIPS.....	X	1.5	-	10.2
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	4.6	21.0	-	35.9
PROCESSING EQUIPMENT.....	28.4	60.1	-	169.3
COMMUNICATION AND RELATED EQUIPEMENT.....	1.0	0.6	-	2.6
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	2.4	7.7	0.2	15.2
SUB-TOTAL.....	118.5	237.6	12.6	1,658.9
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	134.5	247.7	15.7	2,217.3

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	FOOD AND BEVERAGES	RUBBER AND PLASTICS	TEXTILES	WOOD	PAPER AND ALLIED INDUSTRIES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	10.9	4.5	-	1.0	0.4
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	27.6	0.9	0.3	3.2	X
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	0.1
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	-	-	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	X	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	0.3	-
SUB-TOTAL.....	47.1	5.4	0.3	4.6	4.6
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	33.4	3.2	0.5	0.2	3.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	57.5	12.7	4.3	6.0	17.6
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	16.3	X	-	X	0.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	7.1	0.8	0.9	X	3.9
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	23.9	X	0.4	2.2	20.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	6.6	1.6	3.8	12.8	368.8
SAFETY AND SECURITY EQUIPMENT.....	1.6	0.3	0.3	0.5	1.6
SANITATION EQUIPMENT.....	0.5	-	-	-	0.2
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	23.8	X	0.4	3.9	21.1
HEAVY CONSTRUCTION EQUIPMENT.....	4.0	-	-	10.7	3.4
TRACTORS, FARM EQUIPMENT.....	0.5	-	-	X	1.7
CAPITALIZED TOOLING AND OTHER TOOLS.....	9.6	X	7.4	0.4	3.4
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	0.7	-	-	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	18.2	1.5	0.2	22.9	19.3
PROCESSING EQUIPMENT.....	825.7	286.6	203.4	325.5	2,023.8
COMMUNICATION AND RELATED EQUIPMENT.....	1.3	0.1	0.1	-	0.9
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	32.5	2.3	2.0	25.2	9.6
SUB-TOTAL.....	1,063.2	348.9	223.8	411.5	2,499.9
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	1,110.3	354.3	224.1	416.0	2,504.5

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	PRINTING AND PUBLISHING	PRIMARY METAL	METAL FABRICATING	MACHINERY	TRANSPORTATION EQUIPMENT
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	7.6	0.2	-	0.1	1.6
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	8.3	X	3.5	0.1	3.7
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	X	-	0.1	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	X
OTHER TRANSPORTATION EQUIPMENT.....	-	0.5	-	-	-
SUB-TOTAL.....	15.9	39.5	3.5	0.3	27.6
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	29.2	X	17.3	4.4	11.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	41.1	21.8	7.4	26.6	36.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	49.2	0.1	-	-	0.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.1	2.9	-	6.4	4.8
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	17.1	25.8	X	2.6	10.0
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	159.9	-	1.9	14.0
SAFETY AND SECURITY EQUIPMENT.....	X	0.3	X	0.1	1.4
SANITATION EQUIPMENT.....	-	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	5.9	2.8	0.9	4.9
HEAVY CONSTRUCTION EQUIPMENT.....	-	X	-	-	X
TRACTORS, FARM EQUIPMENT.....	-	-	X	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.6	X	7.5	42.3	488.3
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	X	17.2	3.0	1.1	77.1
PROCESSING EQUIPMENT.....	392.5	1,502.2	295.2	399.3	1,088.4
COMMUNICATION AND RELATED EQUIPMENT.....	5.0	0.4	X	0.4	1.1
OTHER MACHINERY AND EQUIPMENT (N.E.S.).....	5.7	5.8	-	7.0	5.4
SUB-TOTAL.....	569.3	1,911.7	337.0	493.1	1,751.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	585.2	1,951.2	340.5	493.3	1,779.3

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	ELECTRICAL PRODUCTS	NON-METALLIC MINERALS	PETROLEUM AND COAL PRODUCTS	CHEMICALS
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	-	0.9	0.1	3.3
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.6	7.6	1.8	5.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	0.8
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	0.4
SUB-TOTAL.....	0.6	8.4	1.9	9.9
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	10.1	X	0.3	24.1
COMPUTER HARDWARE AND WORD PROCESSORS.....	60.0	2.3	30.6	69.8
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	1.1	-	-	29.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	31.8	0.5	1.8	38.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.5	1.0	1.9	21.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.1	X	5.0	31.3
SAFETY AND SECURITY EQUIPMENT.....	0.3	-	X	4.8
SANITATION EQUIPMENT.....	0.1	-	-	0.1
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	1.6	2.2	7.0	91.2
HEAVY CONTRUCTION EQUIPMENT.....	-	3.2	1.1	0.3
TRACTORS, FARM EQUIPMENT.....	-	0.2	-	0.1
CAPITALIZED TOOLING AND OTHER TOOLS.....	25.7	1.6	-	4.1
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	0.5	-	0.7
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	1.3	21.9	X	9.3
PROCESSING EQUIPMENT.....	294.6	260.1	228.1	1,052.7
COMMUNICATION AND RELATED EQUIPEMENT.....	21.2	0.4	-	2.7
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	13.8	2.2	X	27.0
SUB-TOTAL.....	463.2	311.3	280.5	1,406.4
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	463.8	319.8	282.4	1,416.3

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	MISCELLANEOUS MANUFACTURING	OTHER MANUFACTURING INDUSTRIES	CAPITAL CHARGED TO OPERATING	MANUFACTURING TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	6.4	0.9	-	37.9
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	1.6	0.7	-	101.7
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	0.1
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	22.9
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	X
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	1.2
SUB-TOTAL.....	8.0	1.7	-	179.3
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	35.3	6.0	-	225.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	22.0	12.7	-	429.3
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	0.2	-	96.9
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	3.4	X	-	103.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.1	0.9	-	131.8
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	0.4	-	610.4
SAFETY AND SECURITY EQUIPMENT.....	-	-	-	14.5
SANITATION EQUIPMENT.....	-	-	-	0.9
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	0.6	-	166.7
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	36.9
TRACTORS, FARM EQUIPMENT.....	-	-	-	5.4
CAPITALIZED TOOLING AND OTHER TOOLS.....	4.4	4.9	-	763.5
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	X	X	-	4.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	1.7	0.5	-	225.3
PROCESSING EQUIPMENT.....	125.1	111.8	-	9,415.0
COMMUNICATION AND RELATED EQUIPEMENT.....	0.1	X	-	33.9
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	6.5	X	-	146.6
SUB-TOTAL.....	199.1	139.7	-	12,410.3
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			2,051.1	2,051.1
TOTAL.....	207.1	141.3	2,051.1	14,640.5

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
UTILITIES
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	AIR TRANSPORT	RAIL TRANSPORT	WATER TRANSPORT AND SERVICES	MOTOR TRANSPORT
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	-	1.8	X	2.0
BUSES AND MAJOR REPLACEMENT PARTS.....	X	-	-	X
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	9.3	1.1	170.0
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	2.3	-	0.5
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	104.3	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	X	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	1,622.6	-	-	X
OTHER TRANSPORTATION EQUIPMENT.....	10.2	34.7	-	X
SUB-TOTAL.....	1,633.3	152.4	226.2	202.2
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	0.5	0.1	1.6	8.6
COMPUTER HARDWARE AND WORD PROCESSORS.....	16.2	17.5	4.4	8.2
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	-	0.4	1.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	0.1	0.3	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	-	-	0.5	X
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	7.2	-
SAFETY AND SECURITY EQUIPMENT.....	-	-	0.3	X
SANITATION EQUIPMENT.....	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	X	X	0.1
HEAVY CONSTRUCTION EQUIPMENT.....	-	X	1.5	0.1
TRACTORS, FARM EQUIPMENT.....	-	-	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.3	-	0.8	1.1
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	X	X	62.7	1.2
PROCESSING EQUIPMENT.....	X	6.2	-	-
COMMUNICATION AND RELATED EQUIPEMENT.....	8.1	1.1	0.7	1.4
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	9.8	X	X
SUB-TOTAL.....	51.7	39.1	81.2	22.8
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	1,685.0	191.5	307.4	225.0

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
UTILITIES
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	URBAN TRANSIT SYSTEMS	GRAIN ELEVATORS	BROADCASTING	TELEPHONE AND TELEGRAPH
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	X	4.2	26.7
BUSES AND MAJOR REPLACEMENT PARTS.....	206.2	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	2.1	X	1.6	42.2
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	31.6	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	X	-	-	0.1
SUB-TOTAL.....	241.9	3.9	5.9	68.9
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	2.2	1.1	16.8	47.3
COMPUTER HARDWARE AND WORD PROCESSORS.....	17.2	2.8	27.0	256.2
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	-	-	0.1
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.9	-	2.0	8.9
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.5	X	-	-
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	X	-	-
SAFETY AND SECURITY EQUIPMENT.....	X	-	0.1	X
SANITATION EQUIPMENT.....	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	-	-	4.2
HEAVY CONSTRUCTION EQUIPMENT.....	-	X	-	-
TRACTORS, FARM EQUIPMENT.....	-	X	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	4.3	X	2.4	22.5
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	X	47.5	-	X
PROCESSING EQUIPMENT.....	1.6	1.5	X	-
COMMUNICATION AND RELATED EQUIPEMENT.....	5.2	-	131.4	2,921.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	0.6	-	X	1.6
SUB-TOTAL.....	43.7	54.4	179.9	3,278.1
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	285.6	58.3	185.8	3,347.0

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
UTILITIES
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	GAS DISTRIBUTION	OTHER UTILITIES	CAPITAL CHARGED TO OPERATING	UTILITIES TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	17.6	0.2	-	55.4
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	104.0	-	337.7
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	2.8
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	135.9
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	-	-	1,628.1
OTHER TRANSPORTATION EQUIPMENT.....	1.1	-	-	47.2
SUB-TOTAL.....	27.6	104.2	-	2,666.5
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	7.3	2.0	-	87.5
COMPUTER HARDWARE AND WORD PROCESSORS.....	40.7	1.9	-	392.1
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	0.1	-	1.9
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	6.5	0.9	-	19.6
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	76.2	-	-	78.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	X	-	7.9
SAFETY AND SECURITY EQUIPMENT.....	-	-	-	0.8
SANITATION EQUIPMENT.....	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	34.0	9.9	-	56.5
HEAVY CONSTRUCTION EQUIPMENT.....	4.1	0.8	-	7.2
TRACTORS, FARM EQUIPMENT.....	-	X	-	1.6
CAPITALIZED TOOLING AND OTHER TOOLS.....	6.9	X	-	39.7
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	1.3	-	1.3
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	7.1	-	140.9
PROCESSING EQUIPMENT.....	-	-	-	10.2
COMMUNICATION AND RELATED EQUIPMENT.....	10.5	0.1	-	3,079.6
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	17.0	0.3	-	56.1
SUB-TOTAL.....	203.2	27.3	-	3,981.4
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			148.1	148.1
TOTAL.....	230.8	131.4	148.1	6,795.9

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
TRADE, FINANCE AND COMMERCIAL
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	WHOLESALE	DEPARTMENT STORES	CHAIN STORES	AUTOMOTIVE TRADE	COMBINATION FOOD STORES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	31.4	-	0.5	252.9	1.0
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	78.1	2.5	2.4	25.6	1.1
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	0.4	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	0.6	-	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	1.3	-	0.9	1.2	-
SUB-TOTAL.....	111.4	2.5	3.8	280.0	2.1
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	23.7	72.0	23.8	4.5	7.5
COMPUTER HARDWARE AND WORD PROCESSORS.....	83.5	15.8	49.7	36.0	10.6
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	251.8	47.4	136.8	1.5	164.6
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	4.9	-	0.1	0.8	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	7.2	0.3	4.4	0.6	6.4
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.1	-	-	-	-
SAFETY AND SECURITY EQUIPMENT.....	-	2.0	0.9	-	0.1
SANITATION EQUIPMENT.....	-	0.1	0.1	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	6.7	-	-	76.3	0.9
HEAVY CONTRUCTION EQUIPMENT.....	177.8	-	-	-	-
TRACTORS, FARM EQUIPMENT.....	15.8	-	-	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	2.6	-	-	0.3	-
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	8.1	62.6	10.5	0.6	-
PROCESSING EQUIPMENT.....	15.8	-	0.1	-	2.3
COMMUNICATION AND RELATED EQUIPEMENT.....	3.8	4.9	0.1	1.8	-
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	43.5	-	18.7	74.3	10.2
SUB-TOTAL.....	645.3	205.2	245.3	196.6	202.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	756.7	207.7	249.1	476.6	204.7

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
TRADE, FINANCE AND COMMERCIAL
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	CAPITAL CHARGED TO OPERATING FOR TRADE INDUSTRIES	BANKS	INSURANCE TRUST AND LOAN	OTHER FINANCE	MOTION PICTURE THEATRES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	-	0.6	6.0	116.7	-
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	-	-	-	35.7	-
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	0.5	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	-	-
SUB-TOTAL.....	-	0.6	6.0	152.8	-
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	-	256.4	90.8	139.6	0.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	-	496.5	240.5	100.9	0.4
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	-	1.5	182.1	3.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	-	-	-	0.2
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	-	-	0.2	9.0	-
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	-	-
SAFETY AND SECURITY EQUIPMENT.....	-	-	-	0.2	-
SANITATION EQUIPMENT.....	-	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	-	-	0.1	-
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	25.0	-
TRACTORS, FARM EQUIPMENT.....	-	-	-	1.2	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	-	-	-	-
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	0.5	-	-	-
PROCESSING EQUIPMENT.....	-	34.6	-	-	0.7
COMMUNICATION AND RELATED EQUIPEMENT.....	-	13.4	5.1	2.7	0.9
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	-	0.4	2.1	2.6	1.1
SUB-TOTAL.....	-	801.9	340.2	463.6	6.8
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	205.8				
TOTAL.....	205.8	802.5	346.3	616.4	6.9

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
TRADE, FINANCE AND COMMERCIAL
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	HOTELS AND HOTELS	OTHER COMMERCIAL	OTHER TRADE FINANCE AND COMMERCIAL	TRADE FINANCE AND COMMERCIAL TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	-	3,955.7	4.0	4,368.8
BUSES AND MAJOR REPLACEMENT PARTS.....	-	X	-	X
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.7	731.6	8.9	886.6
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	11.2	-	11.6
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	127.1	-	128.2
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	2.9	-	2.9
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	X	-	X
OTHER TRANSPORTATION EQUIPMENT.....	-	5.6	0.1	9.1
SUB-TOTAL.....	0.7	4,877.8	13.0	5,450.7
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	1.0	623.1	6.0	1,248.6
COMPUTER HARDWARE AND WORD PROCESSORS.....	3.4	1,946.2	7.8	2,991.3
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	133.7	90.9	65.3	1,078.9
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	92.1	-	98.1
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.8	3.2	2.4	34.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	0.1
SAFETY AND SECURITY EQUIPMENT.....	-	0.4	2.2	5.8
SANITATION EQUIPMENT.....	-	0.2	-	0.4
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	44.6	0.6	129.2
HEAVY CONSTRUCTION EQUIPMENT.....	-	160.5	-	363.3
TRACTORS, FARM EQUIPMENT.....	-	13.2	-	30.2
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	18.5	-	21.4
DRILLING AND BLASTING EQUIPMENT.....	-	0.2	-	0.2
INDUSTRIAL CONTAINERS.....	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	62.4	21.6	166.3
PROCESSING EQUIPMENT.....	-	154.9	9.1	217.5
COMMUNICATION AND RELATED EQUIPMENT.....	0.7	88.6	2.6	124.6
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	-	254.9	2.2	410.0
SUB-TOTAL.....	139.6	3,553.9	119.7	6,920.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				205.8
TOTAL.....	140.3	8,431.7	132.7	12,577.4

TABLE 7, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
INSTITUTIONS AND GOVERNMENT DEPARTMENTS
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	PRIVATE SCHOOLS	UNIVERSITIES	HOSPITALS	SPECIAL CARE INSTITUTIONS	CHURCHES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.5	0.6	0.2	0.3	0.5
BUSES AND MAJOR REPLACEMENT PARTS.....	0.8	-	0.1	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.4	1.2	0.2	-	-
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.1	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	-	-
SUB-TOTAL.....	1.8	1.9	0.5	0.3	0.5
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	17.6	96.3	16.7	3.2	1.1
COMPUTER HARDWARE AND WORD PROCESSORS.....	10.6	124.3	61.4	0.6	1.0
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	5.1	7.9	146.8	27.2	8.7
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	2.1	141.0	473.4	0.9	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.2	3.9	2.2	0.6	0.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	-	-
SAFETY AND SECURITY EQUIPMENT.....	0.1	0.3	1.0	-	-
SANITATION EQUIPMENT.....	0.1	-	0.5	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.1	1.3	0.5	-	-
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	-	-
TRACTORS, FARM EQUIPMENT.....	-	0.4	-	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.2	3.3	-	-	-
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	-	0.2	-	-
PROCESSING EQUIPMENT.....	0.2	0.2	-	-	-
COMMUNICATION AND RELATED EQUIPEMENT.....	0.5	2.1	3.3	-	0.3
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	0.7	17.6	3.8	0.6	0.3
SUB-TOTAL.....	38.6	398.7	709.7	33.1	11.5
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	40.4	400.5	710.2	33.4	12.0

TABLE 7, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
INSTITUTIONS AND GOVERNMENT DEPARTMENTS
BY INDUSTRY, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	FEDERAL GOVERNMENT DEPARTMENTS	PROVINCIAL GOVERNMENT DEPARTMENTS	MUNICIPAL GOVERNMENT DEPARTMENTS	INSTITUTIONS GOVERNMENT DEPARTMENTS TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	39.7	36.9	49.9	128.6
BUSES AND MAJOR REPLACEMENT PARTS.....	-	1.1	-	2.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	15.3	44.5	174.6	236.2
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	0.3	0.4	0.5	1.2
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	0.5	-	0.5
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	64.5	5.9	0.4	70.8
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	32.0	3.7	-	35.8
OTHER TRANSPORTATION EQUIPMENT.....	5.9	13.9	-	19.8
SUB-TOTAL.....	157.7	106.9	225.4	495.0
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	90.7	82.7	35.8	344.1
COMPUTER HARDWARE AND WORD PROCESSORS.....	428.5	196.4	124.3	947.1
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	12.3	6.3	8.7	223.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	128.2	12.1	2.3	760.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	12.5	1.9	8.8	31.2
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	8.2	13.5	22.0	43.7
SAFETY AND SECURITY EQUIPMENT.....	27.6	2.4	9.3	40.7
SANITATION EQUIPMENT.....	0.4	0.1	4.8	5.9
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	3.0	0.8	23.3	29.0
HEAVY CONSTRUCTION EQUIPMENT.....	3.2	43.4	47.0	93.6
TRACTORS, FARM EQUIPMENT.....	4.4	2.3	9.8	16.9
CAPITALIZED TOOLING AND OTHER TOOLS.....	1.4	2.9	3.6	11.4
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	8.0	0.3	3.1	11.6
PROCESSING EQUIPMENT.....	7.8	0.8	-	9.0
COMMUNICATION AND RELATED EQUIPEMENT.....	523.8	51.1	14.3	595.4
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	173.6	48.3	38.8	283.7
SUB-TOTAL.....	1,433.5	465.3	355.9	3,446.3
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	1,591.2	572.2	581.2	3,941.1

TABLE B. CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY PROVINCE AND TERRITORIES, BY TYPE OF ASSET
1991
(MILLIONS OF DOLLARS)

	NFLD	P.E.I.	NS	NB	QUE	ONT	MAN	SASK	ALTA	B.C.	TERR	CANADA
TRANSPORTATION EQUIPMENT												
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	35.2	9.8	110.6	57.5	779.5	2,563.5	124.1	100.9	538.3	427.4	7.3	4,754.1
BUSES AND MAJOR REPLACEMENT PARTS.....	1.7	X	X	1.0	61.4	100.4	X	1.7	26.4	X	-	252.7
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	35.8	6.2	35.6	50.6	384.6	700.6	80.2	111.9	307.5	219.8	15.8	1,948.6
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	0.1	0.2	6.4	3.0	0.3	0.7	X	X	-	16.7
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	0.6	0.1	2.4	2.6	124.6	95.1	X	X	13.2	36.6	0.4	291.1
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	6.5	X	X	4.5	7.5	24.5	0.2	-	0.3	X	5.3	307.3
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	47.4	6.6	49.3	X	252.8	698.7	X	X	X	299.4	X	1,699.4
OTHER TRANSPORTATION EQUIPMENT.....	0.5	0.3	2.6	X	11.4	30.9	3.3	X	11.4	9.7	X	79.3
SUB-TOTAL.....	127.7	24.6	240.2	137.2	1,628.2	4,216.7	290.8	276.6	1,105.1	1,267.4	35.0	9,349.5
GENERAL MACHINERY AND EQUIPMENT												
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	16.1	4.9	38.6	21.6	388.6	976.2	86.3	35.8	156.0	178.7	5.0	1,907.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	24.6	7.8	91.7	57.3	929.8	2,612.8	117.2	92.2	386.0	448.1	8.6	4,776.1
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	17.1	7.6	45.5	27.5	261.7	582.2	59.7	54.1	136.9	203.9	4.8	1,401.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	5.0	3.7	21.7	23.3	263.3	399.0	24.2	26.6	100.5	116.2	2.5	986.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	3.3	0.8	8.7	12.5	53.8	154.6	7.3	4.1	12.1	27.9	1.2	286.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	13.1	0.3	9.8	3.7	77.1	228.4	5.6	20.8	23.4	285.5	1.1	668.8
SAFETY AND SECURITY EQUIPMENT.....	1.9	0.1	1.2	1.6	14.1	26.2	2.8	1.5	5.2	8.6	0.4	63.6
SANITATION EQUIPMENT.....	0.1	-	-	-	1.4	2.0	0.2	0.4	1.1	2.0	-	7.2
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	4.8	X	12.1	X	84.6	136.3	5.8	X	23.7	42.4	1.0	406.2
HEAVY CONSTRUCTION EQUIPMENT.....	10.6	0.9	26.7	11.4	92.0	135.4	16.7	27.1	75.5	257.9	3.6	657.8
TRACTORS, FARM EQUIPMENT.....	26.1	11.5	17.9	14.4	181.0	222.1	128.5	262.6	260.4	48.2	0.5	1,173.2
CAPITALIZED TOOLING AND OTHER TOOLS.....	2.0	2.0	17.3	3.9	213.6	553.6	11.9	2.4	18.6	14.3	0.4	840.0
DRILLING AND BLASTING EQUIPMENT.....	1.1	-	0.2	0.9	2.2	6.5	1.0	1.5	8.3	3.3	0.7	25.7
INDUSTRIAL CONTAINERS.....	0.1	-	-	-	0.7	3.3	0.2	0.3	0.6	0.8	-	6.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	1.4	-	6.2	0.6	3.8	8.1	28.8	1.0	0.3	1.8	0.6	52.6
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.4	-	0.1	0.1	3.1	4.1	0.3	1.4	-	0.1	0.6	10.2
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	11.1	0.9	28.2	6.7	70.7	299.4	10.8	17.1	34.5	99.1	1.7	580.2
PROCESSING EQUIPMENT.....	66.1	51.0	174.9	162.5	3,112.5	3,909.0	123.4	424.6	606.4	1,161.7	29.1	9,821.2
COMMUNICATION AND RELATED EQUIPMENT.....	71.6	X	111.8	X	684.0	1,856.1	120.0	X	345.0	419.1	42.3	3,836.5
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	15.6	1.0	24.3	16.3	270.3	344.6	37.2	17.4	60.5	121.9	2.2	911.3
SUB-TOTAL.....	292.1	104.6	636.9	452.1	6,708.1	12,459.8	787.9	1,173.3	2,254.9	3,441.7	106.2	28,417.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	18.5	8.1	49.2	46.1	619.4	1,046.5	44.5	73.8	163.6	333.9	1.4	2,405.0
TOTAL.....	438.3	137.3	926.4	635.4	8,955.7	17,723.0	1,123.3	1,523.7	3,523.7	5,042.9	142.6	40,172.3

TABLE 8A

Capital Expenditures on Machinery and Equipment by Type of Asset
Yukon and Northwest Territories, 1991

	YUKON	NORTHWEST TERRITORIES	TOTAL
Transportation Equipment			
Automobiles and Major Replacement Parts	2.7	4.6	7.3
Buses and Major Replacement Parts	0.0	0.0	0.0
Trucks, Vans and Major Replacement Parts	5.8	10.0	15.8
All-Terrain Vehicles and Major Replacement Parts	0.0	0.0	0.0
Rail/Subway/Rapid Transit Rolling Stock and Parts	0.0	0.4	0.4
Ships and Boats and Major Replacement Parts	0.3	5.0	5.3
Aircraft, Helicopters, Engines and Parts	X	X	X
Other Transportation Equipment	X	X	X
Sub-Total	10.4	24.6	35.0
General Machinery and Equipment			
Office Furniture, Furnishings, Office Machines	2.3	2.6	5.0
Computer Hardware and Word Processor	4.9	3.7	8.6
Non-Office Furniture, Furnishings and Fixtures	2.1	2.7	4.8
Scientific, Professional and Medical Devices	0.9	1.6	2.5
Heating, Electrical, Plumbing, Air Conditioning	0.9	0.3	1.2
Pollution Abatement and Control Equipment	0.1	1.0	1.1
Safety and Security Equipment	X	X	0.4
Sanitation Equipment	0.0	0.0	0.0
Motors, Generators, Transformers, Pumps	0.5	0.5	1.0
Heavy Construction Equipment	X	X	3.6
Tractors, Farm Equipment	0.4	0.1	0.5
Capitalized Tooling and Other Tools	X	X	0.4
Drilling and Blasting Equipment	0.0	0.7	0.7
Industrial Containers	0.0	0.0	0.0
Underground Load, Haulage and Dump Equipment	0.0	0.6	0.6
Mine Hoists, Cages, Ropes and Skips	0.0	0.6	0.6
Material Handling and Conveying Equipment	1.5	0.2	1.7
Processing Equipment	27.3	1.7	29.1
Communication and Related Equipment	X	X	42.3
Other Machinery and Equipment (n.e.s.)	1.1	1.2	2.2
Sub-Total	49.6	56.7	106.2
Capital Items Charged to Operating Expenses	0.4	1.0	1.4
Total	60.4	82.3	142.6

x Confidential, to meet secrecy requirements of the Statistics Act



**Capital and repair expenditures
Actual, 1991**
Target date for receipt July 31, 1992

FORM A8

Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.

Si vous préférez ce questionnaire en français, veuillez cocher ou téléphoner à frais virés. ☐



PLEASE UPDATE ABOVE INFORMATION, IF NECESSARY

Identification of Operations: _____

Telephone Number: _____

Name of Organization: _____

Fax Number: _____

Division: _____

Telephone Contact Name: _____

C/O _____

Type of Ownership: _____

(See Reporting Guide, Page 1)

Contact Name and Title: _____

Your Fiscal Year End: _____

(See Reporting Guide, Page 1)

Month Year

Address: _____

For Statistics Canada Use Only

Postal (ZIP) Code: _____

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Type	H. R'd	SMO V.	Pr. Sh.		A	B	C	

TO COMPLETE THE QUESTIONNAIRE CONSULT THE REPORTING GUIDE:

Instructions, definitions and examples can be found in the Reporting Guide. Reading these before completing the questionnaire can save you both time and effort in filling out this survey. The asterisk * indicates that a definition or further instructions are provided in the Reporting Guide. If you have not received a Reporting Guide and would like one, please call us collect at (613) 951-9815.

Submit your completed questionnaire by mail to Investment and Capital Stock Division, Statistics Canada, Ottawa, Ontario K1A 0T6, or by Fax: (613) 951-0196.

USE OF DATA REPORTED:

Data collected in the surveys on capital and repair expenditures are included in the publications "Private and Public Investment in Canada - Catalogue 61-205" and in "Construction in Canada - Catalogue 64-201". These publications serve analysts interested in assessing the employment potential for labour, materials and services as a result of these expenditures, for additions and maintenance of fixed assets (productive capacity) in any year in each industry in each province and territory. Totals are published in a format that safeguards confidentiality as required by the Statistics Act.

CONFIDENTIALITY:

"Statistics Canada is prohibited by law from publishing any statistics which would divulge information obtained from this survey that relates to any identifiable business/institution/individual without the previous written consent of that business/institution/individual. The data reported on this questionnaire will be treated in confidence, used for statistical purposes and published in aggregate form only. The confidentiality provisions of the Statistics Act are not affected by either the Access to information Act or any other Legislation".

LEGAL REQUIREMENT:

The information sought in this questionnaire is collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, chapter S19. Everyone is required to provide this information.

FEDERAL-PROVINCIAL AGREEMENTS TO SHARE INFORMATION:

To avoid duplication of enquiry and to provide consistent statistics, this survey is being conducted under cooperative agreements, made in accordance with the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19 under Section 11 for the exchange of information with: The Newfoundland Statistics Agency, the New Brunswick Statistics Agency, the "Bureau de la statistique du Québec", the Statistical Agency of Ontario, the Manitoba Bureau of Statistics, the Saskatchewan Bureau of Statistics, the Alberta Bureau of Statistics and the British Columbia Central Statistics Bureau, for respondents in each of the respective provinces; and under Section 12 for joint collection and sharing information with: the Prince Edward Island Department of Finance, the Nova Scotia Department of Development Statistics and Research Services Branch, the Budget Planning and Economics Division of the Alberta Treasury, the Northwest Territories Bureau of Statistics and the Yukon Bureau of Statistics.

Agreements coming under Section 12 of the Canada Statistics Act shall not apply to any respondent who gives notice in writing to the Chief Statistician that he objects to the sharing of the information.

BACKGROUND INFORMATION

(Not Applicable to Government Departments)

1. Principal operation covered by this report _____
2. Location covered by this report _____
3. Legal name of operation _____

SECTION A: Capital and Repair Expenditures*

Asset Code (See Reporting Guide page 4)	ACTUAL 1991					
	New Assets including All Imported (new & used)*	Purchase of Used Canadian Assets*	Renovation Retrofit Refurbishing Overhauling Rehabilitation*	Total Capital Expenditures* (sum of columns 2, 3 & 4)	Assets acquired as a lessor for capital lease to others (included in (2))*	Assets acquired through capital (financial) lease (not included in (2))*
Columns (1)	\$'000 (2)	\$'000 (3)	\$'000 (4)	\$'000 (5)	\$'000 (6)	\$'000 (7)
Land *	100	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
Residential Construction * - Single - Multiple	101	102	103	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
	106	107	108	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

1 Codes 1001 - 5999						
NON-RESIDENTIAL CONSTRUCTION * (thousands of dollars)						
111	112	113	114	115	001	002
118	119	120	121	122	003	004
125	126	127	128	129	005	006
132	133	134	135	136	007	008
139	140	141	142	143	009	010
146	147	149	150	150	011	012
153	154	155	156	157	013	014
160	161	162	163	164	015	016
167	168	169	170	171	017	018
174	175	176	177	178	019	020
181	182	183	184	185	021	022
188	189	190	191	192	023	024
195	196	197	198	199	025	026
202	203	204	205	206	027	028
209	210	211	212	213	029	030

BOX A				TOTAL NON-RESIDENTIAL CONSTRUCTION		
				216	000.00	031
						032

1 Codes 6001 - 9499						
MACHINERY AND EQUIPMENT * (thousands of dollars)						
336	337	338	339	340	033	034
343	344	345	346	347	035	036
350	351	352	353	354	037	038
357	358	359	360	361	039	040
364	365	366	367	368	041	042
371	372	373	374	375	043	044
378	379	380	381	382	045	046
385	386	387	388	389	047	048
392	393	394	395	396	049	050
399	400	401	402	403	051	052
406	407	408	409	410	053	054
413	414	415	416	417	055	056
420	421	422	423	424	057	058
427	428	429	430	431	059	060
434	435	436	437	438	061	062
441	442	443	444	445	063	064
448	449	450	451	452	065	066
455	456	457	458	459	067	068
462	463	464	465	466	069	070
469	470	471	472	473	071	072

BOX B				TOTAL MACHINERY AND EQUIPMENT		
				476	000.00	073
						074

If you were not able to provide a breakdown for columns 2, 3 and 4, and if box A and/or B is greater than zero, estimate percentage below.

	New		Used Assets		Renovation	
	596	%	597	%	598	%
Non-Residential Construction						100%
Machinery and Equipment	599	%	600	%	601	100%

1. NON-CAPITAL REPAIR AND MAINTENANCE EXPENDITURES *	Non-Residential Construction	602	000.00	Machinery and Equipment	603	000.00
--	------------------------------	-----	--------	-------------------------	-----	--------

2. What were the expenditures on items for buildings and other construction and for machinery, equipment and tools that were charged to current expenses rather than capitalized as part of fixed assets? (Not applicable to Government Departments)	Non-Residential Construction	778	Zero	Machinery and Equipment	779	Zero
If expenditure is zero, please check <input type="checkbox"/>						

* If reporting significant expenditures for other asset groups (Codes ending in 99) please describe on page 4.

SECTION B: Disposals/Sales/Write-downs of Fixed Assets *

Asset Code (See Reporting Guide, Page 4)	Selling Price	Gross Book Value*	Age
Columns (8)	\$'000 (9)	\$'000 (10)	Years (11)
Land	604	733	XXXXXX
Residential - Single	605	606	607
- Multiple	608	609	610

Codes 1001 - 9499	Non-Residential Construction/Machinery and Equipment		
611	612	613	614
615	616	617	618
619	620	621	622
623	624	625	626
627	628	629	630
631	632	633	634
635	636	637	638
639	640	641	642
643	644	645	646
647	648	649	650

**BOX C
TOTALS**
(612, 616 ...648)

000 00

000 00

BOX D
(613, 617...649)

**SECTION C: Reasons for
Disposals/Sales/
Write-downs of
Fixed Assets (See
Reporting Guide
Page 1, Instruction
4)**

- End of expected useful life
- Damaged or destroyed
- Outdated technology
- Energy inefficient
- Assets no longer needed (surplus)
- Other
(specify major reason below) ...

Disposals/Sales
% of
Box C or D¹

752

753

754

755

756

757

100%

¹ When both boxes C and D are reported, provide percentages based on the expenditures reported in Box D.

SECTION D: Analysis of Capital Expenditures
(See Reporting Guide Page 1, Instruction 4)

- Capacity expansion and/or new installation
- Replacement and/or modernization
- Pollution abatement and control
- Improvement to working environment (health, safety, security, etc.)
- Reduction of energy costs
- Other (specify major reasons)

Non-Residential
Construction
% of Box A

Machinery and
Equipment
% of Box B

758

759

760

761

762

763

764

765

766

767

768

769

100%

100%

SECTION E: Detail of Expenditures for Fixed Assets * (See Reporting Guide Page 2)

If percentage or expenditure is zero for a question, please check the applicable zero box ☒

- What is the **percentage** of **interest payments capitalized** included in Section A, Column 5 - Box A and B? (Not applicable to Government Departments)
- What percentage of the totals reported in Section A, Column 7 - Boxes 032 and 074 - represents assets acquired through capital lease from non-residents of Canada? *
- What is the **total dollar value** of your **work in progress** at year end (not already included in Section G - Gross Book Value)? *
- If in section A, you have reported capital expenditures for computer-assisted processing equipment, please report the **number of robots** added

Non-Residential
Construction

Machinery and
Equipment

%

%

772

Zero ☐

773

Zero ☐

714

Zero ☐

715

Zero ☐

\$'000

\$'000

770

Zero ☐

771

Zero ☐

Units

780

Zero ☐

SECTION F: Changes in Capital Expenditures Plans from the expenditures reported previously on the Preliminary Estimates 1991.
(See Reporting Guide Page 1, Instruction 5)

- Abandoned plans (indefinitely)
- Deferred plans to future year(s)
- Reduced the size of the currently planned project(s)
- Expanded the size of the currently planned project(s)
- Introduced additional project(s) into current plans
- Project(s) ahead of schedule or completed
- Project(s) behind schedule
- Better information or revised reporting procedures
- Other (s)

Non-Residential
Construction
Box A

Machinery and
Equipment
Box B

Please check appropriate box

(781) ☐

(782) ☐

(783) ☐

(784) ☐

(785) ☐

(786) ☐

(787) ☐

(788) ☐

(789) ☐

(790) ☐

(791) ☐

(792) ☐

(793) ☐

(794) ☐

(795) ☐

(796) ☐

(797) ☐

(798) ☐

SECTION G: Gross Value of Fixed Assets excluding work in progress - End of 1991 *
(See Reporting Guide, page 3)
(Not applicable to Government Departments)

	Gross Book Value (Accumulated Capital Cost)		Accumulated Depreciation
	800	000 00	XXXXXXXXXX XXXXXXXXXX
1. (a) Land	802	000 00	803 000 00
(b) Residential Buildings			
2. (a) Non-Residential Buildings and Engineering	804	000 00	805 000 00
(b) Machinery and Equipment	806	000 00	807 000 00
TOTAL (SUM OF 2A + 2B)	808	000 00	809 000 00
	↑ 804 + 806		↑ 805 + 807

SECTION H: Capacity Utilization - Manufacturing Operations Only *

For the year 1991, this plant operated at what percentage of its capacity?

Capacity is defined as maximum production attainable under normal conditions. With regard to normal conditions, please follow the company's operating practices with respect to the use of productive facilities, overtime, workshifts, holidays, etc... When any of your facilities permit the substitution of one product for another, use a product mix at capacity which is most nearly similar to the composition of your 1991 output.

%
820

IF REPORTING EXPENDITURES FOR OTHER ASSET GROUPS (CODES ENDING IN 99) PLEASE DESCRIBE:

Asset Code	Description of Asset	Asset Code	Description of Asset
9 9		9 9	
9 9		9 9	
9 9		9 9	
9 9		9 9	
9 9		9 9	
9 9		9 9	

COMMENTS

Name of person responsible for this report
(print or type)

Official position

Date of this report

D M Y

Address (if different from mailing address)

Telephone number

How much time was spent compiling data and completing this questionnaire? (99) _____ hrs.

THANK YOU FOR THE INFORMATION



REPORTING GUIDE



GENERAL INSTRUCTIONS

1. REPORTS REQUIRED

- (a) Reports are required for operations located in Canada.
- (b) Separate reports should be completed:
 - 1) by province for non-manufacturing organizations.
 - 2) by plant location for each type of manufacturing activity.

2. DOLLAR AMOUNTS AND PERCENTAGES

- (a) All dollar amounts reported should be rounded to **THOUSANDS OF CANADIAN DOLLARS** (e.g. \$8,555,400.00 rounded to \$8,555).
- (b) Percentages should be rounded (e.g. 37%, 76%, 94%).
- (c) Your **best estimates** are acceptable when precise figures are not available.
- (d) Pre-printed cell numbers 100 to 820 are for identification purposes.

3. DEFINITIONS

The asterisk * on the questionnaire indicates that a definition is provided in this Guide.

4. QUESTIONS

If you have any questions please telephone us collect at (613) 951-9815.

5. FILING OF RETURN

Please send the completed questionnaire(s) in the enclosed envelope to:

Investment and
Capital Stock Division
Statistics Canada
Ottawa (Ontario) K1A 0T6

or by Fax to:

Capital Expenditures Section.
Investment and
Capital Stock Division.

Fax: (613) 951-0196

INSTRUCTIONS ON SECTIONS

PAGE 1

LABEL INFORMATION

1. Type of Ownership (Not Applicable to Government Departments)

Ownership is defined as the level of government, person group of persons, agency or incorporated body controlling more than 50% of the voting rights.

NOTE: Financial assistance (grants, subsidies, etc.) provided by any level of government to an enterprise and/or institution does not necessarily constitute ownership of that organization.

2. Your Fiscal Year End

For the purpose of this survey, please report expenditures for your 12 month fiscal period for which the FINAL DAY occurs between April 1, 1991 and March 31, 1992.

The following are acceptable report periods :

May	1990 - April	1991(04/91)
June	1990 - May	1991(05/91)
July	1990 - June	1991(06/91)
Aug.	1990 - July	1991(07/91)
Sept.	1990 - Aug.	1991(08/91)
Oct.	1990 - Sept.	1991(09/91)
Nov.	1990 - Oct.	1991(10/91)
Dec.	1990 - Nov.	1991(11/91)
Jan.	1991 - Dec.	1991(12/91)
Feb.	1991 - Jan.	1992(01/92)
March	1991 - Feb.	1992(02/92)
April	1991 - March	1992(03/92)

PAGES 2 AND 3

3. SECTION A COLUMN 1 AND SECTION B COLUMN 8:

- (a) For coding assets in Section A Column 1 and Section B Column 8, please refer to page 4 of this guide.
- (b) If you have purchased more than one asset in a particular asset group, report them separately or combine the data.
- (c) The use of "Other" codes (i.e. ending in 99) is to be avoided, if possible.
- (d) In Section A, construction and machinery and equipment type of assets are separated. This is not necessary in Section B.
- (e) If more lines are required for Section A and/or Section B, please photocopy the relevant Section(s) and attach to questionnaire.

4. SECTIONS C AND D:

If values reported in sections A and/or B were made for several reasons, they should be apportioned to each applicable reason. If this is not possible, the most important reason should be selected.

5. SECTION F "Changes in Capital Expenditure Plans":

Complete this section only if this report shows significant changes from the capital expenditures reported previously on the "Preliminary Estimate 1991" (green questionnaire). The intent of this section is to clarify the reason(s) for major changes in the capital expenditures reported and thereby reduce possible further inquiries.

DEFINITIONS

CAPITAL AND REPAIR EXPENDITURES (pages 2 and 3)

1. Capital Expenditures

Report the gross expenditures (including subsidies) on fixed assets for use in the operations of your organization or for lease or rent to others. Include all capital costs such as feasibility studies, architectural, legal, installation and engineering fees as well as work done by your own labour force.

New Assets (Column 2) include capital expenditures on new fixed assets and additions to existing assets.

Renovation, Retrofit (Column 4) include capital expenditures for alterations to existing buildings and other structures and to machinery and equipment.

The following notes, (a) to (d), are applicable to Government Departments only:

- Grants and/or subsidies to outside entities (i.e. municipalities, agencies, institutions or businesses), are not to be included.
- Departments are requested to exclude from reported figures budgetary items pertaining to any departmental agency and proprietary crown corporation as they are surveyed separately.
- Federal departments are to report expenditures paid for by their department, regardless of which department awarded the contract.
- Provincial departments are to include any capital expenditures on construction (excluding outlays for land) and/or machinery and equipment, for use in Canada, financed from revolving funds, loans attached to revolving funds, other loans, the Consolidated Revenue Fund or special accounts.

The following explanations (a) & (b) are NOT applicable to Government Departments.

- INCLUDE:** Capitalized interest charges on loans with which capital projects are financed. Additions to work in progress.
- EXCLUDE:** If you are capitalizing your leased fixed assets as a lessee in accordance with the Canadian Institute of Chartered Accountants' recommendations, please exclude the total of the capitalization of such leases during the year from capital expenditures. They should, however, be reported separately in column(7).

Leases

In accordance with the recommendations of the Canadian Institute of Chartered Accountants, leases are divided into two types, operating and capital. For the present, purchases of all fixed assets (except as indicated) whether for own use or for lease to others, either as a capital lease or as an operating lease should be reported in the appropriate place in Columns 2 to 5. Assets acquired as a lessee through either a capital or operating lease from others should not be reported in these columns.

New assets acquired for capital lease to others should be reported in Column 6 in addition to the appropriate column in Columns 2 to 5. Assets acquired by means of a capital lease from others should be reported only in Column 7.

Purchase of Used Fixed Assets

Definition: Used fixed assets may be defined as existing buildings, structures or machinery and equipment which have been previously used by another organization in Canada that you have acquired during the time period being reported on this questionnaire.

Explanation: The objective of our survey is to measure gross annual new additions to fixed assets separately from the acquisition of gross annual used fixed assets in the Canadian economy as a whole.

Hence, the acquisition of a used fixed asset from within Canada should be reported separately since such acquisitions would not change the aggregates of our domestic inventory of fixed assets, but would simply mean a transfer of assets within Canada from one organization to another.

Imports of used assets, on the other hand, should be included in the new assets columns because they are newly acquired for the Canadian economy.

2. Non-Capital Repair and Maintenance Expenditures (No.1)

Report the gross non-capital repair expenditures on non-residential buildings, other structures and on machinery and equipment. Include the value of repair work done by your own employees, as well as payments to persons outside your employ. Maintenance expenditures on non-residential buildings and other structures may include the routine care of assets such as janitorial services, snow removal, salting and sanding, whereas on machinery and equipment maintenance costs include oil change and lubrication of vehicles and other machinery.

This question represents non-capital expenditures in contrast to the capital expenditures of Renovation, Retrofit, Refurbishing, Overhauling, Rehabilitation included in Column 4.

PAGE 2

SECTION A: Capital and Repair Expenditures

Land

Capital expenditures for land should include all costs associated with the purchase of the land that are not amortized or depreciated.

Residential Construction (excluding land)

Report the total cost incurred during the year of residential structures including the housing portion of multi-purpose projects and of townships with the following EXCEPTIONS:

- buildings that have accommodation units without self-contained or exclusive use of bathroom and kitchen facilities (e.g. some student and senior citizen residences),
- the non-residential portion of multi-purpose projects and of townships,
- associated expenditures on services.

The exceptions should be included in the appropriate construction (i.e. non-residential) asset.

Capital Expenditures for Non-Residential Construction (excluding land purchases and residential construction)

Report the total cost incurred during the year of building and engineering construction (contract and by own employees) whether for your own use or rent to others. Include also:

- the cost of demolition of buildings, land servicing and of site preparation,
- leasehold and land improvements,
- townsite facilities, such as streets, sewers, stores, schools,
- oil or gas pipelines, including pipe and installation costs,
- all preconstruction planning and design costs such as engineering and consulting fees and any materials supplied to construction contractors for installation.

Capital Expenditures for Machinery and Equipment

Report total cost incurred during the year of all new machinery, whether for your own use or for lease or rent to others. Any capitalized tooling should also be included. Include progress payments paid out before delivery in the year in which such payments are made. Receipts from the sale of your own fixed assets or allowance for scrap or trade-in should not be deducted from your total capital expenditures. Any balance owing or holdbacks should be reported in the year the cost is incurred. (See EXCLUDE under Definition, no. 1).

Non-Capital Repair and Maintenance Expenditures (No. 1)

Explained previously in Column 1, Item 2.

Capital Items Charged to Operating Expenses (No. 2)

Please report the total of those expenditures that were charged to an expense account that could have been charged to a fixed asset account.

PAGE 3

SECTION B: Disposals/Sales/Write-downs of Fixed Assets

Report those fixed assets which are disposed, sold, retired, destroyed or otherwise discarded (including write-downs) and also traded in for credit in the acquisition or purchase of new fixed assets. When land and buildings are sold together, please report the selling price of the land separately (Column 9, data cell 604) along with other land sales.

If you have disposed/sold similar assets with varying lives, report them separately or combine the data and provide a weighted average for the lives.

- Gross Book Value (column 10)** should represent total capital expenditures for an asset at and since the time of construction or purchase including capital expenditures for the purposes of modernization, expansion, etc. Any subsidies received should not be subtracted.

SECTION E: Detail of Expenditures for Fixed Assets

1. Leased Fixed Assets as a LESSEE (Question 2)

This percentage is intended to represent the percentage of assets acquired through capital lease from non-residents of Canada (a non-resident of Canada would include a subsidiary or branch plant of a Canadian company operating outside of Canada).

2. Work in Progress (Question 3)

Work in progress represents accumulated or accrued costs on capital projects not completed and which are intended to be capitalized upon completion.

3. Robots (Question 4)

A robot is defined as a machine capable of performing the versatile movement resembling those of the limbs of a human being or having sensory and recognition capacity and being capable of controlling its own behaviour.

PAGE 4

SECTION G: Gross Value of Fixed Assets - excluding work in progress - End of 1991

Please report the accumulated capital cost and accumulated depreciation of all fixed assets still in productive use. If residential construction and non-residential construction cannot be reported separately please estimate the values for each. If it is not possible to make reasonable estimates then enter the figure under the heading which represents the majority of the assets and please make a note of this in the comments section.

SECTION H: Capacity Utilization

- Capacity utilization is calculated by taking the actual production level for an establishment (production can be measured in dollars or units) and dividing it by the establishment's capacity production level.
- Capacity production is defined as maximum production attainable under normal conditions.
- To calculate capacity production, follow the establishment's operating practices with respect to the use of productive facilities, overtime, workshifts, holidays, etc. For example, if your plant normally operates with one shift of eight hours a day five days a week then capacity will be calculated subject to these conditions and not on the hypothetical case of three shifts a day, seven days a week.

Example

Plant A normally operates one shift a day, five days a week and given this operating pattern capacity production is 150 units of product A for the month. In that month actual production of product A was 125 units. The capacity utilization rate for plant A is $(125/150) * 100 = 83\%$.

Now suppose that Plant A had to open for a shift on Saturdays to satisfy an abnormal surge in demand for product A. Given this plant's normal operating schedule, capacity production remains at 150 units. Actual production has grown to 160 units, though, so capacity utilization would be $(160/150) * 100 = 107\%$.

ASSET DESCRIPTION AND CODES

The asset items and categories listed below are groupings of fixed assets generally having a similar function which can apply to various industries.

- a) **Construction** structures should be classified to an asset according to its principal use unless it is a multi-purpose structure where we would like you to separate the components. The cost of any machinery and equipment which is an integral or built-in feature of the structure (i.e. elevators, heating equipment, sprinkler systems, environmental controls, intercom systems, etc.) should be reported as part of that structure as well as landscaping, associated parking lots, etc.
- b) **Machinery and equipment** which are housed in structures and which can be removed or replaced without significantly altering the structure should be reported separately. Computers for administration and educational purposes should be reported under asset code 6002. All other **computer related machinery and equipment** should be reported under asset codes 6401 to 6499.
- c) **Computer Assisted Assets** are assets that possess the ability to be programmed for a wide variety of functions and, to a degree, adjust their behaviour in response to changes in their physical environment. Includes robots, numerically controlled machine tool equipment and individual computerized machines.

Example: Your organization has had a new office building built during the reporting period, and the construction cost was \$8,555,400.00. The reporting of the information in Section A would be as follows.

(1)		\$'000 (2)	\$'000 (3)	\$'000 (4)	\$'000 (5)	\$'000 (6)	\$'000 (7)
111	1 0 1 3	8,555			8,555		
CONSTRUCTION				MACHINERY AND EQUIPMENT			
CODE	INDUSTRIAL AND COMMERCIAL	CODE	MARINE	CODE	GENERAL MACHINERY AND EQUIPMENT		
1001	Plants for manufacturing, processing and assembling goods	2001	Docks, wharves, piers, terminals (coal, oil, natural gas container, general cargo)	6001	Office furniture, furnishings (e.g. desks, chairs, bookshelves) and machines (e.g. calculators, typewriters, photocopiers) NOTE: Communications equipment should be reported in 6403 or 6603.		
1002	Oil refineries	2002	Dredging and pile driving	6002	Computers, associated hardware including software and word processors excluding computers for production process (see asset code 6402)		
1003	Natural gas processing plants	2003	Breakwaters	6003	Non-office furniture, furnishings and fixtures (e.g. recreational equipment, restaurant/kitchen equipment, furnishings in hospitals, stores and hotels)		
1004	Laboratories, research and development centres	2004	Canals and waterways	6004	Scientific, professional and medical devices (including measuring, controlling and laboratory equipment)		
1005	Pollution abatement and control	2005	Irrigation and reclamation projects	6005	Heating, electrical, plumbing, air conditioning and refrigeration equipment (additions only, see instruction above)		
1006	Warehouses, refrigerated storage, freight terminals	2099	Other marine construction	6006	Pollution abatement and control equipment		
1007	Grain elevators and terminals		TRANSPORTATION	6007	Safety and security equipment (includes firearms) N/A to National Defence		
1008	Maintenance garages, workshops, equipment storage facilities	2201	Passenger terminals - air, boat, bus, rail and other	6008	Sanitation equipment		
1009	Railway shops, engine houses	2202	Highways, roads, streets, including logging roads (also include signs, guardrails, lighting, landscaping, sidewalks, fences)	6009	Motors, generators, transformers, turbines, compressors and pumps of all types (additions only, see instruction above)		
1010	Aircraft hangars	2203	Runways including lighting	6010	Heavy construction equipment (e.g. loading, hauling, mixing, paving, grading)		
1011	Service stations (including self-serve and car washes)	2204	Rail track and roadbeds including signals and interlockers	6011	Tractors of all types and other field equipment (truck tractors - see asset code 6203 below)		
1012	Automotive dealerships	2205	Bridges, trestles, overpasses	6012	Capitalized tooling and other tools (hand, power, industrial)		
1013	Office buildings	2206	Tunnels	6013	Drilling rigs		
1014	Hotels, motels, convention centres	2299	Other transportation	6014	Salvage equipment		
1015	Restaurants, fast food outlets, bars, nightclubs		WATERWORKS	6015	Industrial containers (transportable types used for transporting materials, liquids and gases)		
1016	Shopping centres, plazas, malls, stores	2401	Reservoirs (including dams)	6016	Navigational aids and weather measurement equipment		
1017	Parking lots and parking garages	2402	Trunk and distribution mains		TRANSPORTATION EQUIPMENT		
1018	Theatres, performing arts and cultural centres	2499	Other waterworks construction	6201	Automobiles and major replacement parts		
1019	Indoor recreational buildings such as sports complexes, clubhouses, covered stadiums		SEWAGE SYSTEMS	6202	Buses (all types) and major replacement parts		
1020	Outdoor recreational facilities such as parks, open stadiums, golf courses and ski resorts	2601	Sewage treatment and disposal plants including pumping stations	6203	Trucks, vans, truck tractors, truck trailers and major replacement parts		
1021	Farm buildings	2602	Sanitary and storm sewers, trunk and collection lines, open storm ditches and laterals	6204	All-terrain vehicles and major replacement parts		
1099	Other industrial and commercial	2603	Lagoons	6205	Locomotives, rolling stock, street and subway cars, other rapid transit and major replacement parts		
	INSTITUTIONAL	2699	Other sewage system construction	6206	Ships and boats and major replacement parts		
1201	Schools (including technical, vocational), colleges, universities and other educational buildings		ELECTRIC POWER	6207	Aircraft, helicopters, aircraft engines and other major replacement parts		
1202	Student residences (exclude residential construction)	2801	Electric power construction	6299	Other transportation equipment		
1203	Churches and other religious buildings		COMMUNICATION		COMPUTER-ASSISTED PROCESS MACHINERY AND EQUIPMENT		
1204	Hospitals, health centres, clinics and other health care (exclude residential construction)	3001	Broadcasting and communication buildings	6401	For material handling		
1205	Nursing homes, homes for the aged	3002	Telephone and cablevision lines, underground and marine cables	6402	For the production process		
1206	Day care centres	3003	Communication towers, antennae, earth stations including dishes for satellite receiving, microwave relay	6403	For all types of communication systems (radio, television, telephone, microwave and cable)		
1207	Libraries	3099	Other communication	6499	Other computer-assisted process machinery and equipment		
1208	Historical sites		OIL AND GAS WELLS, STORAGE AND DISTRIBUTION		CONVENTIONAL (non-computer assisted)		
1209	Penitentiaries, detention centres and courthouses	3201	Gas mains and services	6601	For material handling (e.g. lift trucks)		
1210	Museums, science centres, public archives	3202	Pumping stations, oil	6602	For the production process		
1211	Fire stations, halls	3203	Pumping stations, gas	6603	For communication systems (radio, television, telephone, microwave and cable)		
1212	Post offices	3204	Bulk storage tanks		OTHER MACHINERY AND EQUIPMENT		
1213	Waste disposal facilities	3205	Oil pipelines	8999	Other machinery and equipment (not specified elsewhere)		
1214	Armouries, barracks, drill halls, and other similar military type structures	3206	Gas pipelines				
1299	Other institutional	3299	Other gas and oil facilities				
			OTHER CONSTRUCTION				
		5999	Other construction (not specified elsewhere)				

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