



# Investment and Capital Stock Division

# Division de l'investissement et du stock de capital

Capital Expenditures on Machinery and Equipment

By Type of Asset

1990

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Statistics  
Canada

Statistique  
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Canada

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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 1990 for 55 industries, which represent 85% of the all-industry total of \$49.1 billion, published in Private and Public Investment in Canada, Intentions 1992 (Daily - February 27, 1992).

Comparable data are also available for 1985-1989. 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 1991 and 1992. These advance estimates are based on the average asset distribution of the 1988-1990 actual data.

For more detailed information on this release or for additional data, please contact Robert Masse (613-951-2590) or Rachelle Pilon (613-951-9333); 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)

1990 Actual Expenditures

Sectors	Detail by Asset		
	Published Total Capital Machinery and Equipment	Included for 1990	To Be Obtained in Later Phases
	millions of dollars		
Agriculture	1,777	1,777	
Fishing	118		118
Forestry	135	135	
Mining	957	696	261
Construction Industry	1,707		1,707
Manufacturing	15,693	15,693	
Utilities	11,208	6,357	
Pipelines			303
Electric Power			4,549
Trade, Finance, Commercial	13,189	13,189	
Institutions	1,415	1,105	
Schools (Municipal & Provincial)			309
Government Departments	2,851	2,851	
Total	49,050	41,803	7,247
Percentage of Published Total	100%	85%	15%

(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** decreased by 3.2% (-\$0.3 billion) from 1989 to 1990 to reach \$9.1 billion. Significant declines were reported for ships and boats (-\$0.2 billion), mainly in Newfoundland, for trucks and vans (-\$0.1 billion), largely in Quebec and Ontario, and for buses (-\$0.1 billion), to a large extent in Ontario. These decreases were partly offset by the increase for aircraft, helicopters, engines and parts (\$0.2 billion), mainly in Ontario.
- \* Capital expenditures on **general machinery and equipment** decreased by 6.1% (-\$2.0 billion) in 1990 to reach \$30.2 billion. The most important declines were observed for processing equipment (-\$0.9 billion), largely in New Brunswick, Ontario and British Columbia, for office furniture and machines (-\$0.8 billion), mainly in Quebec, Ontario and British Columbia, and for capitalized tooling and other tools (-\$0.5 billion), to a large extent in Ontario. In contrast, expenditures on communication and related systems increased by \$0.4 billion, mainly in Ontario and Alberta, and on pollution abatement and control equipment by \$0.3 billion, largely in British Columbia.

### Sectors

#### Manufacturing

- \* In the manufacturing sector, capital expenditures on machinery and equipment decreased by 7.5% (-\$1.3 billion) in 1990 to reach \$15.7 billion. This follows a 17.6% increase from 1988 to 1989. The decrease in 1990 is mainly attributable to reduced spending on processing equipment (-\$0.9 billion, -7.7%) and on capitalized tooling and other tools (-\$0.5 billion, -53.3%). In contrast, expenditures on pollution abatement and control equipment increased by 62.5% reaching \$0.7 billion in 1990.
- \* Expenditures on computer-assisted equipment reached \$2.3 billion in 1990, representing 21.5% of total capital expenditures on processing equipment. In 1989, this proportion was slightly lower at 20.1%.

### Utilities

- \* Capital expenditures on machinery and equipment rose by 9.1% (\$0.5 billion) from 1989 to 1990 in the utilities sector, mainly due to increases of 10.6% (\$0.3 billion) for communication and related equipment and of 51.1% (\$0.3 billion) for aircraft, helicopters, engines and parts.

### Trade, Finance, Commercial

- \* Capital expenditures on machinery and equipment decreased by 8.3% (-\$1.2 billion) in 1990 in the trade, finance and commercial sector. In comparison, spending increased by 15.6% from 1988 to 1989. Reduced expenditures were particularly significant in 1990 for office furniture (-\$0.8 billion, -38.6%), computer hardware and word processors (-\$0.3 billion, -7.9%) and non-office furniture (-\$0.2 billion, -14.2%).

### Institutions and Governments

- \* Capital expenditures on machinery and equipment in the institutions and government departments sector increased a modest 0.6% in 1990 to reach \$4.0 billion. The advance in communication and related equipment (\$0.2 billion, 42.3%) offset the declines observed for several assets including scientific, professional and medical devices (-\$0.1 billion, -14.1%).



TABLE 1, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
BY SECTOR, BY TYPE OF ASSET  
1990  
(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.....	213.7	35.6	66.2	4,600.1	204.1	5,119.7
BUSES AND MAJOR REPLACEMENT PARTS.....	X	X	230.5	11.3	1.2	243.5
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	368.6	90.3	403.7	1,020.7	194.9	2,078.2
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	X	0.1	17.1	18.5	X	39.6
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	2.6	19.9	282.3	46.3	-	351.1
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	X	X	152.7	5.6	101.1	270.5
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	0.1	862.1	25.5	X	897.8
OTHER TRANSPORTATION EQUIPMENT.....	1.6	6.1	25.5	4.2	13.1	50.5
SUB-TOTAL.....	593.0	161.4	2,040.1	5,732.2	524.1	9,050.8
GENERAL MACHINERY AND EQUIPMENT						
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	2.7	211.5	94.8	1,210.3	382.2	1,901.5
COMPUTER HARDWARE AND WORD PROCESSORS.....	17.3	494.6	301.3	3,063.3	993.2	4,869.7
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.4	32.0	102.2	1,297.0	239.6	1,671.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	6.4	99.7	43.0	122.0	686.7	957.8
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	12.9	120.6	70.9	44.0	39.2	287.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	9.2	745.0	7.1	1.9	49.1	812.3
SAFETY AND SECURITY EQUIPMENT.....	2.8	20.6	1.7	13.5	36.6	75.2
SANITATION EQUIPMENT.....	-	X	X	0.4	12.4	15.5
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	27.7	246.2	76.2	137.5	33.2	520.8
HEAVY CONSTRUCTION EQUIPMENT.....	231.5	36.5	8.2	409.1	99.7	785.0
TRACTORS, FARM EQUIPMENT.....	1,342.7	10.3	3.7	39.5	14.9	1,411.1
CAPITALIZED TOOLING AND OTHER TOOLS.....	9.4	432.4	36.1	55.9	16.9	550.7
DRILLING AND BLASTING EQUIPMENT.....	33.6	X	X	-	-	34.9
INDUSTRIAL CONTAINERS.....	0.6	5.6	X	2.6	X	12.7
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	32.6	-	-	-	-	32.6
MINE HOISTS, CAGES, ROPES AND SKIPS.....	10.8	-	-	-	-	10.8
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	38.8	152.1	90.1	336.7	11.7	629.4
PROCESSING EQUIPMENT.....	208.8	10,517.5	X	190.7	X	10,928.4
COMMUNICATION AND RELATED EQUIPEMENT.....	2.9	35.9	3,312.0	110.8	536.9	3,998.5
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	23.2	183.3	16.5	222.9	272.5	718.4
SUB-TOTAL.....	2,014.3	13,347.6	4,171.7	7,258.3	3,432.7	30,224.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....		2,183.9	145.4	199.1		2,528.4
TOTAL.....	2,607.3	15,692.9	6,357.2	13,189.6	3,956.8	41,803.8

TABLE 1A

# Estimates of Capital Expenditures on Machinery and Equipment in Canada By Type of Asset, 1991-1992

Type of Asset, 1981-1992	Actual	Actual	Actual	Percentage	Advance Estimates	
	Expenditures	Expenditures	Expenditures	Distribution	1991	1992
	1988	1989	1990	1988-1990	Preliminary	Forecast
	millions de dollars			Average	millions of dollars	
			%			
Transportation Equipment						
Automobiles and Major Replacement Parts	4,630.5	5,109.7	5,119.7	12.0	4,630.3	4,748.9
Buses and Major Replacement Parts	198.8	336.4	243.5	0.6	242.6	248.9
Trucks, Vans and Major Replacement Parts	1,942.0	2,193.7	2,078.2	5.0	1,936.2	1,985.8
All-Terrain Vehicles and Major Replacement Parts	20.3	31.8	39.6	0.1	28.6	29.3
Rail/Subway/Rapid Transit Rolling Stock and Parts	523.6	435.5	351.1	1.1	408.3	418.7
Ships and Boats and Major Replacement Parts	213.6	422.2	270.5	0.7	282.4	289.6
Aircraft, Helicopters, Engines and Parts	1,776.2	746.9	897.8	2.8	1,065.9	1,093.2
Other Transportation Equipment	84.4	78.8	50.5	0.2	66.6	68.3
Sub-Total	9,389.6	9,354.8	9,050.8	22.5	8,660.9	8,882.7
General Machinery and Equipment						
Office Furniture, Furnishings, Office Machines	2,540.0	2,677.8	1,901.5	5.8	2,218.3	2,275.2
Computer Hardware and Word Processor	3,510.5	5,063.9	4,869.7	10.9	4,189.1	4,296.4
Non-Office Furniture, Furnishings and Fixtures	1,676.7	1,796.5	1,671.2	4.2	1,603.0	1,644.0
Scientific, Professional and Medical Devices	1,033.5	1,104.5	957.8	2.5	964.6	989.3
Heating, Electrical, Plumbing, Air Conditioning	277.7	331.6	287.6	0.7	279.5	286.6
Pollution Abatement and Control Equipment	236.3	487.9	812.3	1.2	478.8	491.0
Safety and Security Equipment	79.1	93.6	75.2	0.2	77.2	79.2
Sanitation Equipment	51.0	22.7	15.5	0.1	27.8	28.5
Motors, Generators, Transformers, Pumps	497.4	517.4	520.8	1.2	478.5	490.7
Heavy Construction Equipment	805.7	901.0	785.0	2.0	776.4	796.3
Tractors, Farm Equipment	107.2	1,498.5	1,411.1	2.4	940.0	964.1
Capitalized Tooling and Other Tools	739.6	1,015.3	550.7	1.9	718.4	736.8
Drilling and Blasting Equipment	41.0	51.2	34.9	0.1	39.6	40.6
Industrial Containers	29.2	35.6	12.7	0.1	24.1	24.8
Underground Load, Haulage and Dump Equipment	66.5	38.2	32.6	0.1	42.8	43.9
Mine Hoists, Cages, Ropes and Skips	16.7	16.7	10.8	0.0	13.8	14.1
Material Handling and Conveying Equipment	449.2	556.2	629.4	1.3	509.4	522.4
Processing Equipment	9,961.1	11,807.1	10,928.4	26.5	10,188.1	10,449.0
Communication and Related Equipment	3,238.0	3,578.1	3,998.5	8.8	3,369.8	3,456.1
Other Machinery and Equipment (n.e.s.)	613.9	607.1	718.4	1.6	604.3	619.8
Sub-Total	25,970.1	32,201.0	30,224.6	71.5	27,543.5	28,249.0
Capital Items Charged to Operating Expenses	2,293.3	2,582.4	2,528.4	6.0	2,307.1	2,366.2
Total	37,652.8	44,138.1	41,803.8	100.0	38,511.5	39,497.9



TABLE 2.1, PROCESSING EQUIPMENT - MANUFACTURING SECTOR  
COMPUTER-ASSISTED / CONVENTIONAL  
BY PROVINCE AND TERRITORIES  
ACTUAL 1988, 1989, 1990  
(MILLIONS OF DOLLARS)

PROVINCE	YEAR	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
		\$	%	\$	%	\$
NEWFOUNDLAND	1988	4.5	5.0	86.0	95.0	90.5
	1989	4.7	6.8	64.6	93.2	69.3
	1990	4.8	8.7	50.6	91.3	55.4
PRINCE EDWARD ISLAND	1988	1.2	10.7	10.0	89.3	11.2
	1989	0.4	5.2	7.3	94.8	7.7
	1990	X	X	X	X	X
NOVA SCOTIA	1988	159.6	44.1	202.3	55.9	361.9
	1989	129.0	37.8	212.5	62.2	341.5
	1990	145.1	56.3	112.4	43.7	257.5
NEW BRUNSWICK	1988	54.0	16.9	265.7	83.1	319.7
	1989	91.6	16.8	454.9	83.2	546.5
	1990	40.9	21.7	147.3	78.3	188.2
QUEBEC	1988	757.9	30.8	1,701.0	69.2	2,458.9
	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
ONTARIO	1988	1,263.5	30.5	2,883.9	69.5	4,147.4
	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
MANITOBA	1988	16.7	16.8	82.5	83.2	99.2
	1989	30.8	17.3	146.9	82.7	177.7
	1990	X	X	X	X	X
SASKATCHEWAN	1988	4.4	1.8	238.6	98.2	243.0
	1989	25.7	13.6	163.3	86.4	189.0
	1990	148.8	47.0	168.1	53.0	316.9
ALBERTA	1988	101.1	16.6	507.6	83.4	608.7
	1989	84.4	10.5	720.0	89.5	804.4
	1990	170.6	19.4	708.7	80.6	879.3
BRITISH COLUMBIA	1988	470.5	37.9	772.2	62.1	1,242.7
	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
TERRITORIES	1988	0.1	12.5	0.7	87.5	0.8
	1989	0.1	16.7	0.5	83.3	0.6
	1990	0.1	25.0	0.3	75.0	0.4
CANADA	1988	2,833.6	29.6	6,750.5	70.4	9,584.1
	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

TABLE 2.2, PROCESSING EQUIPMENT - MANUFACTURING SECTOR  
COMPUTER-ASSISTED / CONVENTIONAL  
BY INDUSTRY  
ACTUAL 1990  
(MILLIONS OF DOLLARS)

INDUSTRY	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
	\$	%	\$	%	\$
FOOD AND BEVERAGES	109.9	11.8	821.0	88.2	930.9
RUBBER AND PLASTICS	247.8	46.9	280.4	53.1	528.2
TEXTILES	18.9	7.4	236.5	92.6	255.5
WOOD	50.5	13.4	327.5	86.6	378.0
PAPER AND ALLIED INDUSTRIES	369.5	11.8	2,761.0	88.2	3,130.5
PRINTING AND PUBLISHING	131.5	38.8	207.4	61.2	338.9
PRIMARY METAL	200.4	14.4	1,188.3	85.6	1,388.7
METAL FABRICATING	49.3	24.1	155.3	75.9	204.6
MACHINERY	30.2	9.6	284.8	90.4	315.0
TRANSPORTATION EQUIPMENT	338.9	40.7	494.4	59.3	833.3
ELECTRICAL PRODUCTS	172.7	53.5	150.3	46.5	323.1
NON-METALLIC MINERALS	136.9	35.3	250.5	64.7	387.3
PETROLEUM & COAL PRODUCTS	18.1	9.4	173.9	90.6	192.0
CHEMICALS	328.6	30.3	756.7	69.7	1,085.3
MISC. MANUFACTURING	27.5	26.2	77.4	73.8	104.9
OTHER MANUFACTURING INDUSTRIES	33.2	27.3	88.2	72.7	121.4
MANUFACTURING TOTAL	2,264.0	21.5	8,253.6	78.5	10,517.5

TABLE 3, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
 AGRICULTURE, FORESTRY AND MOST OF MINING  
 BY INDUSTRY, BY TYPE OF ASSET  
 1990  
 (MILLIONS OF DOLLARS)

	AGRICULTURE	FORESTRY	GOLD MINES	COPPER GOLD SILVER MINES	SILVER LEAD ZINC MINES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	204.7	X	0.9	X	-
BUSES AND MAJOR REPLACEMENT PARTS.....	-	X	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	315.4	17.9	2.9	3.0	X
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	0.6	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	0.3	X	X	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	X	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	X	X	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	1.1	-	-	-
SUB-TOTAL.....	520.1	24.7	5.8	5.6	X
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	-	1.2	0.3	0.2	0.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	-	3.2	1.5	2.3	0.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	-	0.1	X	-
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	0.1	1.8	1.0	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	-	0.1	3.1	1.9	1.2
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	1.9	1.5	X	X
SAFETY AND SECURITY EQUIPMENT.....	-	-	0.8	0.5	0.2
SANITATION EQUIPMENT.....	-	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	0.2	7.3	2.8	1.1
HEAVY CONSTRUCTION EQUIPMENT.....	-	39.8	25.4	18.7	5.2
TRACTORS, FARM EQUIPMENT.....	1,257.3	25.2	3.5	5.2	X
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	2.9	1.5	0.4	0.2
DRILLING AND BLASTING EQUIPMENT.....	-	-	3.8	1.6	1.7
INDUSTRIAL CONTAINERS.....	-	-	0.1	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	13.2	4.9	3.9
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	3.5	1.4	X
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	10.6	1.4	0.1	0.6
PROCESSING EQUIPMENT.....	-	18.2	48.0	9.8	5.2
COMMUNICATION AND RELATED EQUIPEMENT.....	-	0.4	0.7	0.2	-
OTHER MACHINERY AND EQUIPMENT (N.E.S.).....	-	6.4	1.9	3.5	0.3
SUB-TOTAL.....	1,257.3	110.2	119.5	55.4	X
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	1,777.3	134.9	125.3	61.0	32.7

TABLE 3, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
 AGRICULTURE, FORESTRY AND MOST OF MINING  
 BY INDUSTRY, BY TYPE OF ASSET  
 1990  
 (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	3.3	0.5	213.7
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	20.2	6.6	X	368.6
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	X	0.2	-	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	0.4	-	2.6
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	X
OTHER TRANSPORTATION EQUIPMENT.....	0.1	0.4	-	1.6
SUB-TOTAL.....	22.9	10.8	X	593.1
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	0.3	0.6	0.1	2.9
COMPUTER HARDWARE AND WORD PROCESSORS.....	2.8	6.9	0.1	17.3
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	X	-	0.4
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	1.5	1.9	-	6.3
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	4.3	2.4	-	13.0
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	3.8	-	9.3
SAFETY AND SECURITY EQUIPMENT.....	X	X	-	2.9
SANITATION EQUIPMENT.....	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	2.6	13.5	-	27.5
HEAVY CONSTRUCTION EQUIPMENT.....	20.2	122.0	0.2	231.5
TRACTORS, FARM EQUIPMENT.....	X	30.0	-	1,342.8
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.7	3.7	-	9.4
DRILLING AND BLASTING EQUIPMENT.....	12.7	5.7	8.1	33.6
INDUSTRIAL CONTAINERS.....	X	X	-	0.6
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	1.6	9.0	-	32.6
MINE HOISTS, CAGES, ROPES AND SKIPS.....	X	2.8	-	10.8
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	11.2	14.9	-	38.8
PROCESSING EQUIPMENT.....	101.9	25.6	-	208.7
COMMUNICATION AND RELATED EQUIPMENT.....	0.8	0.7	-	2.8
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	8.4	X	23.2
SUB-TOTAL.....	178.7	252.5	X	2,014.4
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	201.6	263.3	11.2	2,607.3

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
MANUFACTURING  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	FOOD AND BEVERAGES	RUBBER AND PLASTICS	TEXTILES	WOOD	PAPER AND ALLIED INDUSTRIES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	15.1	0.4	0.2	1.6	0.3
BUSES AND MAJOR REPLACEMENT PARTS.....	X	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	21.0	2.7	0.1	5.5	8.9
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	-	-	-	0.6
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	X	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	0.9	0.3	-	0.3	X
SUB-TOTAL.....	45.6	3.4	0.4	7.4	11.4
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	36.9	16.2	0.3	X	3.0
COMPUTER HARDWARE AND WORD PROCESSORS.....	69.9	28.7	7.6	3.4	20.2
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	2.5	-	-	-	1.9
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	2.3	X	0.8	0.5	3.5
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	13.2	10.0	1.8	4.3	19.4
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	10.8	1.6	0.3	19.9	427.8
SAFETY AND SECURITY EQUIPMENT.....	0.5	0.4	0.2	0.5	3.5
SANITATION EQUIPMENT.....	0.6	-	-	-	0.7
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	21.3	-	X	7.1	25.1
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	13.2	X
TRACTORS, FARM EQUIPMENT.....	0.6	-	-	X	3.9
CAPITALIZED TOOLING AND OTHER TOOLS.....	5.7	13.3	X	0.6	7.9
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	0.8	X	-	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	10.8	4.5	0.8	31.0	17.0
PROCESSING EQUIPMENT.....	930.9	528.2	255.5	378.0	3,130.5
COMMUNICATION AND RELATED EQUIPMENT.....	4.2	0.3	0.2	-	2.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	25.9	6.3	1.3	29.5	9.4
SUB-TOTAL.....	1,136.9	612.4	281.8	490.8	3,680.1
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	1,182.5	615.7	282.1	498.2	3,691.4



TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
MANUFACTURING  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	PRINTING AND PUBLISHING	PRIMARY METAL	METAL FABRICATING	MACHINERY	TRANSPORTATION EQUIPMENT
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	6.5	0.7	0.4	0.1	X
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	7.2	13.8	3.6	1.0	1.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	1.3	-	-	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	0.9	0.1	-	-
SUB-TOTAL.....	13.7	16.7	4.1	1.1	18.0
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	20.3	5.6	5.2	8.1	17.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	28.3	31.7	8.8	26.8	37.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	10.8	0.4	-	5.2	1.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.1	5.9	X	5.1	2.3
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	15.0	8.5	0.6	4.6	2.7
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	241.3	5.5	0.1	10.2
SAFETY AND SECURITY EQUIPMENT.....	-	1.3	0.6	0.1	6.6
SANITATION EQUIPMENT.....	-	0.2	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	14.2	3.6	X	3.2
HEAVY CONSTRUCTION EQUIPMENT.....	-	1.7	-	-	X
TRACTORS, FARM EQUIPMENT.....	-	-	X	0.2	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	6.6	9.7	10.1	19.3	325.8
DRILLING AND BLASTING EQUIPMENT.....	-	X	-	X	-
INDUSTRIAL CONTAINERS.....	-	0.3	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	1.1	26.2	5.8	10.5	17.0
PROCESSING EQUIPMENT.....	338.9	1,388.7	204.6	315.0	833.3
COMMUNICATION AND RELATED EQUIPMENT.....	X	X	0.5	X	X
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	3.8	39.3	4.9	3.9	4.2
SUB-TOTAL.....	426.7	1,776.6	253.8	412.8	1,265.5
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	440.4	1,793.2	257.9	413.9	1,283.5

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
MANUFACTURING  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	ELECTRICAL PRODUCTS	NON-METALLIC MINERALS	PETROLEUM AND COAL PRODUCTS	CHEMICALS
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.1	X	X	3.8
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.5	17.2	X	X
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	0.3	-	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	X	-	1.1
SUB-TOTAL.....	0.6	20.0	3.7	9.3
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	21.9	2.2	X	27.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	77.3	17.1	43.1	65.1
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.7	-	-	6.7
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	31.6	2.1	2.0	41.1
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	10.7	0.8	0.9	22.7
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	1.1	1.4	22.0
SAFETY AND SECURITY EQUIPMENT.....	0.2	0.1	2.1	4.1
SANITATION EQUIPMENT.....	X	0.2	-	0.6
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	12.9	1.1	55.2	82.3
HEAVY CONTRUCTION EQUIPMENT.....	-	8.6	6.8	1.4
TRACTORS, FARM EQUIPMENT.....	-	-	-	X
CAPITALIZED TOOLING AND OTHER TOOLS.....	15.1	-	X	X
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	0.3	0.8	-	0.8
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	2.7	6.4	1.8	15.6
PROCESSING EQUIPMENT.....	323.1	387.3	192.0	1,085.3
COMMUNICATION AND RELATED EQUIPEMENT.....	17.6	0.3	0.1	4.3
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	23.0	X	19.4
SUB-TOTAL.....	515.4	451.1	339.9	1,400.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	515.9	471.2	343.6	1,409.9

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
MANUFACTURING  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	MISCELLANEOUS MANUFACTURING	OTHER MANUFACTURING INDUSTRIES	CAPITAL CHARGED TO OPERATING	MANUFACTURING TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	0.9	-	35.7
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	1.2	0.5	-	90.4
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	-	-	19.9
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	6.2
SUB-TOTAL.....	4.7	1.4	-	161.5
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	10.2	X	-	211.3
COMPUTER HARDWARE AND WORD PROCESSORS.....	15.7	13.1	-	494.7
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	2.4	0.4	-	32.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	1.0	X	-	99.7
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	4.6	0.8	-	120.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.5	0.4	-	745.1
SAFETY AND SECURITY EQUIPMENT.....	0.4	-	-	20.6
SANITATION EQUIPMENT.....	-	-	-	X
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.1	0.4	-	246.4
HEAVY CONTRUCTION EQUIPMENT.....	1.0	-	-	36.5
TRACTORS, FARM EQUIPMENT.....	-	-	-	10.4
CAPITALIZED TOOLING AND OTHER TOOLS.....	6.3	3.8	-	432.4
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	X
INDUSTRIAL CONTAINERS.....	0.4	-	-	5.6
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.3	0.6	-	152.1
PROCESSING EQUIPMENT.....	104.9	121.4	-	10,517.6
COMMUNICATION AND RELATED EQUIPEMENT.....	0.4	-	-	35.9
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	7.2	0.7	-	183.5
SUB-TOTAL.....	155.2	148.1	-	13,347.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			2,183.9	2,183.9
TOTAL.....	159.9	149.5	2,183.9	15,692.7

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
UTILITIES  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	AIR TRANSPORT	RAIL TRANSPORT	WATER TRANSPORT AND SERVICES	MOTOR TRANSPORT
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	-	2.6	X	2.8
BUSES AND MAJOR REPLACEMENT PARTS.....	X	-	-	60.7
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	-	12.0	1.5	228.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	16.1	-	0.8
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	171.7	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	152.7	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	862.1	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	X	21.9	X	0.9
SUB-TOTAL.....	863.5	224.3	155.2	293.7
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	0.9	1.8	3.1	9.3
COMPUTER HARDWARE AND WORD PROCESSORS.....	1.1	16.6	X	11.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	98.0	-	0.8	2.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	-	-	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	-	-	X	0.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	3.4	-
SAFETY AND SECURITY EQUIPMENT.....	-	-	X	0.1
SANITATION EQUIPMENT.....	-	-	X	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	X	0.5	-
HEAVY CONSTRUCTION EQUIPMENT.....	-	1.7	0.6	0.2
TRACTORS, FARM EQUIPMENT.....	X	-	X	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.9	X	1.0	1.8
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	28.6	1.1
PROCESSING EQUIPMENT.....	-	1.5	-	-
COMMUNICATION AND RELATED EQUIPEMENT.....	1.3	1.4	0.5	1.8
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	-	1.4	0.3
SUB-TOTAL.....	103.5	25.8	45.3	29.2
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	967.1	250.1	200.5	322.8

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
UTILITIES  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	URBAN TRANSIT SYSTEMS	GRAIN ELEVATORS	BROADCASTING	TELEPHONE AND TELEGRAPH
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	1.4	-	8.4	37.3
BUSES AND MAJOR REPLACEMENT PARTS.....	X	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	5.4	X	7.2	86.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	0.2
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	X	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	X	-	-	-
SUB-TOTAL.....	288.1	3.2	15.6	124.1
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	2.3	0.6	16.9	52.3
COMPUTER HARDWARE AND WORD PROCESSORS.....	14.7	X	32.3	190.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	X	-	-	0.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.3	-	7.2	23.7
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.2	-	-	-
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	X	-	-
SAFETY AND SECURITY EQUIPMENT.....	X	-	0.4	-
SANITATION EQUIPMENT.....	X	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	-	-	2.8
HEAVY CONSTRUCTION EQUIPMENT.....	X	-	-	-
TRACTORS, FARM EQUIPMENT.....	X	-	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	5.3	-	1.5	13.7
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.3	52.8	1.1	-
PROCESSING EQUIPMENT.....	-	X	1.5	-
COMMUNICATION AND RELATED EQUIPEMENT.....	2.5	-	127.4	3,174.0
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	-	1.3	-
SUB-TOTAL.....	30.1	60.0	189.5	3,457.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	318.1	63.2	205.1	3,581.8



TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
UTILITIES  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	GAS DISTRIBUTION	OTHER UTILITIES	CAPITAL CHARGED TO OPERATING	UTILITIES TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	12.8	X	-	66.2
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	230.6
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	4.9	X	-	403.6
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	17.1
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	282.2
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	152.7
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	862.1
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	25.4
SUB-TOTAL.....	17.7	54.9	-	2,040.3
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	6.0	1.7	-	94.9
COMPUTER HARDWARE AND WORD PROCESSORS.....	22.0	2.4	-	301.3
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	X	-	102.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	X	X	-	43.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	X	-	-	70.7
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	X	-	7.1
SAFETY AND SECURITY EQUIPMENT.....	-	0.1	-	1.8
SANITATION EQUIPMENT.....	-	-	-	X
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	0.8	-	76.2
HEAVY CONSTRUCTION EQUIPMENT.....	X	1.2	-	8.2
TRACTORS, FARM EQUIPMENT.....	-	1.1	-	3.7
CAPITALIZED TOOLING AND OTHER TOOLS.....	6.8	X	-	36.1
DRILLING AND BLASTING EQUIPMENT.....	X	-	-	X
INDUSTRIAL CONTAINERS.....	-	X	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	X	5.2	-	90.1
PROCESSING EQUIPMENT.....	-	-	-	X
COMMUNICATION AND RELATED EQUIPEMENT.....	3.1	0.1	-	3,312.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	2.1	-	16.6
SUB-TOTAL.....	204.3	26.2	-	4,171.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			145.4	145.4
TOTAL.....	222.0	81.1	145.4	6,357.2

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
TRADE, FINANCE AND COMMERCIAL  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	WHOLESALE	DEPARTMENT STORES	CHAIN STORES	AUTOMOTIVE TRADE	COMBINATION FOOD STORES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	23.6	0.1	1.6	258.6	1.1
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	9.8	4.2	31.7	1.2
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	X	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	X	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	X	-
OTHER TRANSPORTATION EQUIPMENT.....	X	-	-	-	-
SUB-TOTAL.....	118.9	9.8	5.8	294.4	2.3
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	34.3	15.8	23.9	4.6	6.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	95.6	36.8	50.8	20.5	2.8
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	210.3	90.2	143.0	0.3	182.8
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	2.6	-	-	-	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	3.7	0.4	1.0	2.1	13.7
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	1.8	-
SAFETY AND SECURITY EQUIPMENT.....	-	2.4	0.6	-	X
SANITATION EQUIPMENT.....	-	0.2	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	2.5	-	-	80.5	1.7
HEAVY CONSTRUCTION EQUIPMENT.....	172.3	-	-	-	X
TRACTORS, FARM EQUIPMENT.....	X	-	X	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	X	1.7	X	0.7	-
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	0.6	-	X	X	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	38.7	X	3.1	44.7	-
PROCESSING EQUIPMENT.....	21.0	X	X	-	0.9
COMMUNICATION AND RELATED EQUIPEMENT.....	4.4	0.8	0.6	X	-
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	29.9	4.6	1.6	20.4	-
SUB-TOTAL.....	648.8	164.8	229.7	176.4	210.1
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	767.7	174.6	235.5	470.8	212.4

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
TRADE, FINANCE AND COMMERCIAL  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(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.....	-	X	6.7	156.3	-
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	-	-	-	49.9	-
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.....	-	X	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	-	-
SUB-TOTAL.....	-	6.0	6.7	206.2	-
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	-	220.3	101.9	184.5	0.3
COMPUTER HARDWARE AND WORD PROCESSORS.....	-	534.9	165.7	142.2	0.4
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	0.4	2.9	309.4	14.1
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	-	-	-	0.2
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	-	-	0.2	14.5	-
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	-	-
SAFETY AND SECURITY EQUIPMENT.....	-	-	-	X	-
SANITATION EQUIPMENT.....	-	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	-	X	X	-
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	X	-
TRACTORS, FARM EQUIPMENT.....	-	-	-	-	-
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.....	-	X	-	-	-
PROCESSING EQUIPMENT.....	-	60.3	-	X	1.7
COMMUNICATION AND RELATED EQUIPMENT.....	-	X	X	4.3	1.3
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	-	0.1	1.8	4.4	1.6
SUB-TOTAL.....	-	832.8	277.5	700.0	19.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	199.1				
TOTAL.....	199.1	838.9	284.2	906.2	19.6

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
TRADE, FINANCE AND COMMERCIAL  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	HOTELS AND HOTELS	OTHER COMMERCIAL	OTHER TRADE FINANCE AND COMMERCIAL	TRADE FINANCE AND COMMERCIAL TOTAL
<b>TRANSPORTATION EQUIPMENT</b>				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	4,147.2	3.8	4,600.0
BUSES AND MAJOR REPLACEMENT PARTS.....	-	11.3	-	11.3
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	820.3	9.5	1,020.7
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	X	-	18.6
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	46.3	-	46.3
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	X	-	5.6
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	20.0	-	25.5
OTHER TRANSPORTATION EQUIPMENT.....	-	X	-	4.1
SUB-TOTAL.....	1.6	5,067.1	13.3	5,732.1
<b>GENERAL MACHINERY AND EQUIPMENT</b>				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	7.6	603.9	6.3	1,210.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	4.2	2,002.3	7.2	3,063.4
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	167.0	114.3	62.5	1,297.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	119.2	-	122.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.3	4.9	2.3	44.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	0.1	-	1.9
SAFETY AND SECURITY EQUIPMENT.....	1.3	6.6	2.1	13.5
SANITATION EQUIPMENT.....	-	0.2	-	0.4
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	50.8	0.6	137.5
HEAVY CONSTRUCTION EQUIPMENT.....	-	196.8	-	409.1
TRACTORS, FARM EQUIPMENT.....	-	8.6	-	39.5
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	49.7	-	55.9
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	0.5	-	2.6
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	210.4	20.5	336.7
PROCESSING EQUIPMENT.....	-	95.7	7.1	190.7
COMMUNICATION AND RELATED EQUIPMENT.....	1.0	82.8	2.5	110.8
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	-	156.6	1.8	222.8
SUB-TOTAL.....	182.4	3,703.3	113.0	7,258.4
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				199.1
TOTAL.....	184.0	8,770.4	126.3	13,189.7

TABLE 7, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
INSTITUTIONS AND GOVERNMENT DEPARTMENTS  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	PRIVATE SCHOOLS	UNIVERSITIES	HOSPITALS	SPECIAL CARE INSTITUTIONS	CHURCHES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.3	0.8	X	X	0.6
BUSES AND MAJOR REPLACEMENT PARTS.....	0.8	-	-	X	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.2	1.2	0.3	-	-
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.....	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	-	X	-	-
SUB-TOTAL.....	1.4	2.0	0.6	0.4	0.6
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	11.2	83.4	14.1	4.2	1.1
COMPUTER HARDWARE AND WORD PROCESSORS.....	5.4	115.7	82.1	0.5	1.1
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	4.9	12.1	143.7	30.7	12.1
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.5	129.6	411.2	0.9	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.6	X	X	0.6	0.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	-	-
SAFETY AND SECURITY EQUIPMENT.....	0.1	0.5	0.8	-	-
SANITATION EQUIPMENT.....	-	-	0.3	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	2.6	0.5	-	-
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	-	-
TRACTORS, FARM EQUIPMENT.....	-	0.5	-	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	X	X	-	-
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	-	0.1	-	-
PROCESSING EQUIPMENT.....	-	-	-	-	-
COMMUNICATION AND RELATED EQUIPMENT.....	-	1.3	2.6	-	-
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	0.7	10.5	1.7	0.6	0.7
SUB-TOTAL.....	23.3	359.5	664.7	37.6	15.3
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	24.7	361.4	665.3	38.0	15.9



TABLE 7, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA  
INSTITUTIONS AND GOVERNMENT DEPARTMENTS  
BY INDUSTRY, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	FEDERAL GOVERNMENT DEPARTMENTS	PROVINCIAL GOVERNMENT DEPARTMENTS	MUNICIPAL GOVERNMENT DEPARTMENTS	INSTITUTIONS GOVERNMENT DEPARTMENTS TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	48.2	98.2	55.5	204.1
BUSES AND MAJOR REPLACEMENT PARTS.....	0.1	X	-	1.2
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	11.4	27.3	154.5	194.9
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	0.1	X	0.3	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	87.0	14.0	0.1	101.1
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	3.2	X	-	X
OTHER TRANSPORTATION EQUIPMENT.....	1.6	X	-	13.1
SUB-TOTAL.....	151.6	157.2	210.4	524.2
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	136.0	89.4	42.8	382.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	432.7	242.4	113.4	993.3
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	17.6	7.2	11.4	239.7
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	129.3	12.8	2.3	686.6
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	12.4	4.2	X	39.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	7.2	X	X	49.1
SAFETY AND SECURITY EQUIPMENT.....	24.5	4.7	6.0	36.6
SANITATION EQUIPMENT.....	7.4	-	4.7	12.4
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	2.1	1.8	26.2	33.2
HEAVY CONSTRUCTION EQUIPMENT.....	1.4	45.3	53.0	99.7
TRACTORS, FARM EQUIPMENT.....	3.3	2.6	8.5	14.9
CAPITALIZED TOOLING AND OTHER TOOLS.....	4.2	3.5	6.7	17.0
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	X	-	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	8.4	0.2	3.0	11.7
PROCESSING EQUIPMENT.....	X	X	-	X
COMMUNICATION AND RELATED EQUIPEMENT.....	477.5	38.7	16.6	536.7
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	198.1	12.1	48.0	272.4
SUB-TOTAL.....	1,469.6	479.8	382.8	3,432.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	1,621.3	637.0	593.2	3,956.8

TABLE B. CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY PROVINCE AND TERRITORIES, BY TYPE OF ASSET  
1990  
(MILLIONS OF DOLLARS)

	Nfld	P.E.I.	NS	NB	QUE	ONT	MAN	SASK	ALTA	B.C.	TERR	CANADA
<b>TRANSPORTATION EQUIPMENT</b>												
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	40.8	10.0	34.6	71.0	867.0	2,777.7	120.3	131.2	519.4	476.7	11.1	5,119.8
BUSES AND MAJOR REPLACEMENT PARTS.....	2.1	-	3.5	1.0	69.8	100.5	X	3.8	16.1	X	-	243.4
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	42.4	7.8	40.5	55.9	394.1	803.1	116.8	102.0	311.3	193.1	11.2	2,078.2
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	X	-	0.2	X	5.7	20.3	X	X	X	X	X	39.6
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	0.2	-	2.5	3.9	61.2	148.6	X	X	17.7	35.4	X	351.1
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	7.7	X	X	8.8	42.7	37.5	0.2	-	0.3	120.5	1.6	270.5
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	26.2	X	X	7.3	159.6	374.7	X	16.5	X	161.3	7.3	897.8
OTHER TRANSPORTATION EQUIPMENT.....	X	-	0.6	X	7.9	24.2	3.5	X	3.4	8.7	-	50.5
<b>SUB-TOTAL.....</b>	<b>120.5</b>	<b>25.0</b>	<b>220.1</b>	<b>149.5</b>	<b>1,607.9</b>	<b>4,286.6</b>	<b>290.7</b>	<b>268.0</b>	<b>952.6</b>	<b>1,097.6</b>	<b>32.3</b>	<b>9,050.8</b>
<b>GENERAL MACHINERY AND EQUIPMENT</b>												
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	14.7	4.2	35.8	21.5	379.6	1,040.0	48.8	32.1	137.6	179.7	7.4	1,901.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	31.3	7.6	85.6	60.5	963.0	2,654.3	132.3	92.0	391.4	439.3	12.5	4,869.8
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	17.2	7.3	53.4	28.8	346.0	732.1	63.3	56.9	150.8	207.9	7.4	1,671.1
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	7.1	2.2	19.6	33.4	222.9	411.6	20.8	27.3	102.7	106.9	3.3	957.8
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	3.6	0.3	11.1	5.6	56.6	158.9	7.9	4.1	20.5	18.3	0.6	287.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	14.5	0.1	5.2	5.5	165.7	221.8	2.5	25.1	24.3	347.4	0.4	812.5
SAFETY AND SECURITY EQUIPMENT.....	0.7	0.1	1.2	1.2	14.9	39.6	2.3	1.7	4.8	8.1	0.7	75.3
SANITATION EQUIPMENT.....	0.1	-	0.1	0.2	1.9	8.9	0.4	0.8	1.4	1.6	-	15.4
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	7.1	0.7	16.8	43.3	129.2	191.8	5.6	18.6	33.9	69.5	4.2	520.7
HEAVY CONSTRUCTION EQUIPMENT.....	12.7	1.2	34.5	18.6	110.9	180.0	21.5	28.7	104.2	258.9	13.9	785.1
TRACTORS, FARM EQUIPMENT.....	12.1	15.6	17.4	14.4	184.5	288.4	143.2	238.4	411.7	74.7	10.8	1,411.2
CAPITALIZED TOOLING AND OTHER TOOLS.....	3.4	0.5	X	X	113.9	366.0	5.8	2.5	23.8	19.8	X	550.8
DRILLING AND BLASTING EQUIPMENT.....	4.7	-	0.2	3.5	3.3	5.3	5.6	2.2	7.6	1.7	0.9	35.0
INDUSTRIAL CONTAINERS.....	-	-	X	-	1.8	7.9	0.6	X	0.7	1.3	-	12.6
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	2.1	-	4.5	2.8	6.1	7.5	3.0	2.3	0.1	2.3	1.8	32.5
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	0.6	0.3	1.5	4.7	0.5	2.2	-	0.5	0.6	10.9
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	7.7	1.5	20.8	13.6	118.6	261.9	23.1	32.9	34.7	113.5	1.2	629.5
PROCESSING EQUIPMENT.....	65.5	X	264.6	194.9	3,399.8	4,082.5	X	322.4	888.1	1,500.7	27.6	10,928.3
COMMUNICATION AND RELATED EQUIPEMENT.....	84.0	X	152.9	X	709.5	1,806.2	X	X	483.2	410.1	X	3,998.5
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	10.4	1.0	23.4	22.9	185.8	271.9	28.0	10.3	55.5	106.3	2.9	718.4
<b>SUB-TOTAL.....</b>	<b>298.9</b>	<b>77.5</b>	<b>755.2</b>	<b>560.1</b>	<b>7,115.7</b>	<b>12,741.4</b>	<b>791.2</b>	<b>1,021.0</b>	<b>2,877.0</b>	<b>3,868.3</b>	<b>118.3</b>	<b>30,224.6</b>
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	18.9	4.2	59.7	54.3	650.8	1,047.8	48.2	56.2	190.4	396.2	1.7	2,528.4
<b>TOTAL.....</b>	<b>438.3</b>	<b>106.7</b>	<b>1,035.0</b>	<b>764.0</b>	<b>9,374.5</b>	<b>18,075.8</b>	<b>1,130.1</b>	<b>1,345.1</b>	<b>4,020.0</b>	<b>5,362.2</b>	<b>152.3</b>	<b>41,804.0</b>

TABLE 3A

# Capital Expenditures on Machinery and Equipment by Type of Asset Yukon and Northwest Territories, 1990

	YUKON	NORTHWEST TERRITORIES	TOTAL
<b>Transportation Equipment</b>			
Automobiles and Major Replacement Parts	3.7	7.5	11.1
Buses and Major Replacement Parts	-	-	-
Trucks, Vans and Major Replacement Parts	3.9	7.3	11.2
All-Terrain Vehicles and Major Replacement Parts	-	X	X
Rail/Subway/Rapid Transit Rolling Stock and Parts	-	X	X
Ships and Boats and Major Replacement Parts	X	X	1.6
Aircraft, Helicopters, Engines and Parts	X	X	7.3
Other Transportation Equipment	-	-	-
Sub-Total	8.6	23.6	32.3
<b>General Machinery and Equipment</b>			
Office Furniture, Furnishings, Office Machines	4.9	2.5	7.4
Computer Hardware and Word Processor	6.3	6.2	12.5
Non-Office Furniture, Furnishings and Fixtures	4.3	3.1	7.4
Scientific, Professional and Medical Devices	0.4	2.9	3.3
Heating, Electrical, Plumbing, Air Conditioning	0.2	0.5	0.6
Pollution Abatement and Control Equipment	0.1	0.3	0.4
Safety and Security Equipment	X	X	0.7
Sanitation Equipment	-	-	-
Motors, Generators, Transformers, Pumps	0.2	4.0	4.2
Heavy Construction Equipment	0.8	13.1	13.9
Tractors, Farm Equipment	10.0	0.8	10.8
Capitalized Tooling and Other Tools	X	X	X
Drilling and Blasting Equipment	0.1	0.9	0.9
Industrial Containers	-	-	-
Underground Load, Haulage and Dump Equipment	0.2	1.6	1.8
Mine Hoists, Cages, Ropes and Skips	-	0.5	0.6
Material Handling and Conveying Equipment	0.3	0.9	1.2
Processing Equipment	1.0	26.6	27.6
Communication and Related Equipment	X	X	X
Other Machinery and Equipment (n.e.s.)	0.6	2.3	2.9
Sub-Total	32.6	85.7	118.3
Capital Items Charged to Operating Expenses	0.4	1.3	1.7
<b>Total</b>	<b>41.6</b>	<b>110.6</b>	<b>152.3</b>

x Confidential, to meet secrecy requirements of the Statistics Act



# Capital and repair expenditures Actual, 1990

Target date for receipt July 31, 1991

## 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 vifs. ☐

### 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 <input type="text"/> <input type="text"/> Year <input type="text"/> <input type="text"/>																		
Address _____	<b>For Statistics Canada Use Only</b>																		
Postal (ZIP) Code _____	<table border="1"><tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td>D Type</td><td>H R d</td><td>SMO v</td><td>Pr Sh</td><td>A</td><td>B</td><td>C</td><td></td><td></td></tr></table>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	D Type	H R d	SMO v	Pr Sh	A	B	C		
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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

Please refer to special note on page 4 about arrangements for sharing of data with provincial or territorial agencies.

### 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 \_\_\_\_\_

Form A8 (1990) - 951-9815

SECTION A. Capital and Repair Expenditures				
Asset Code (See Reporting Guide page 3)	ACTUAL 1990			
	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)
Columns (1)	\$'000 (2)	\$'000 (3)	\$'000 (4)	\$'000 (5)
Land *	100	XXXXXXXX	XXXXXXXX	XXXXXXXX
Residential Construction *	101	102	103	XXXXXXXX
- Single	106	107	108	XXXXXXXX
- Multiple				
Codes 1001 - 5999	NON-RESIDENTIAL CONSTRUCTION * (thousands of dollars)			
111	112	113	114	115
118	119	120	121	122
125	126	127	128	129
132	133	134	135	136
139	140	141	142	143
146	147	148	149	150
153	154	155	156	157
160	161	162	163	164
167	168	169	170	171
174	175	176	177	178
181	182	183	184	185
188	189	190	191	192
195	196	197	198	199
202	203	204	205	206
209	210	211	212	213
TOTAL NON-RESIDENTIAL CONSTRUCTION				216 000 00
← BOX A				
Codes 6001 - 8999	MACHINERY AND EQUIPMENT * (thousands of dollars)			
336	337	338	339	340
343	344	345	346	347
350	351	352	353	354
357	358	359	360	361
364	365	366	367	368
371	372	373	374	375
378	379	380	381	382
385	386	387	388	389
392	393	394	395	396
399	400	401	402	403
406	407	408	409	410
413	414	415	416	417
420	421	422	423	424
427	428	429	430	431
434	435	436	437	438
441	442	443	444	445
448	449	450	451	452
455	456	457	458	459
462	463	464	465	466
469	470	471	472	473
TOTAL MACHINERY AND EQUIPMENT				476 000 00
← BOX B				
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	
Non-Residential Construction	596 %	597 %	598 %	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 in dollars 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	700 Zero	Machinery and Equipment	701 Zero
If expenditures are zero, check box <input type="checkbox"/>				
* If reporting separate expenditures for other asset groups (Codes ending in 99) please describe below and on page 1				



SECTION B: Disposals/Sales/Write-downs of Fixed Assets			
Asset Code (See Reporting Guide, Page 3)	Selling Price	Gross Book Value <sup>1</sup>	Age
Columns (8)	\$'000 (9)	\$'000 (10)	Years (11)
Land	604	733	XXXXXX
Residential - Single	605	606	607
- Multiple	608	609	610

Codes 1001 - 8999				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

BOX D  
(613, 617...649)

SECTION C: Reasons for Disposals/Sales/Write-downs of Fixed Assets (See Reporting Guide Page 1, Instruction 4)	Disposals/Sales % of Box C or D <sup>1</sup>
1. End of expected useful life	752
2. Damaged or destroyed	753
3. Outdated technology	754
4. Energy inefficient	755
5. Assets no longer needed (surplus)	756
6. Other (specify major reason below)	757
	100%

<sup>1</sup> 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<sup>1</sup> (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 is the **percentage of Section A, Column 5 - Box A and Box B** representing capital expenditures on assets acquired or manufactured for **lease or rental to others**?
- What is the **total dollar value of your work in progress** at year end (not already included in Section G - Gross Book Value)?
- What was your total of **rental or lease payments** for the use of fixed assets whose title is held by other organizations during the reporting period?
- If in section A, you have reported capital expenditures for assets 6401-6499 (computer-assisted), please report the **number of robots added**

Non-Residential Construction	Machinery and Equipment
%	%
772 Zero <input type="checkbox"/>	773 Zero <input type="checkbox"/>
774 Zero <input type="checkbox"/>	775 Zero <input type="checkbox"/>
\$'000	\$'000
770 Zero <input type="checkbox"/>	771 Zero <input type="checkbox"/>
776 Zero <input type="checkbox"/>	777 Zero <input type="checkbox"/>
Units	
	780 Zero <input type="checkbox"/>

#### SECTION F: Changes in Capital Expenditures Plans from the expenditures reported previously on the Preliminary Estimates 1990. (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

Non-Residential Construction Box A	Machinery and Equipment Box B
Please check appropriate box	
(781) <input type="checkbox"/>	(782) <input type="checkbox"/>
(783) <input type="checkbox"/>	(784) <input type="checkbox"/>
(785) <input type="checkbox"/>	(786) <input type="checkbox"/>
(787) <input type="checkbox"/>	(788) <input type="checkbox"/>
(789) <input type="checkbox"/>	(790) <input type="checkbox"/>
(791) <input type="checkbox"/>	(792) <input type="checkbox"/>
(793) <input type="checkbox"/>	(794) <input type="checkbox"/>
(795) <input type="checkbox"/>	(796) <input type="checkbox"/>
(797) <input type="checkbox"/>	(798) <input type="checkbox"/>

SECTION G: Gross Value of Fixed Assets - 1990 (See Reporting Guide, page 2) (Not applicable to Government Departments)		Gross Book Value (Accumulated Capital Cost)	Accumulated Depreciation
1 (a) Land		800	XXXXXXX XXXXXXX
(b) Residential Buildings		802	803 000 00
2 (a) Non-Residential Buildings and Engineering		804	805 000 00
(b) Machinery and Equipment		806	807 000 00
TOTAL (SUM OF 2A + 2B)		804 + 806	805 + 807

#### SECTION H: Capacity Utilization - Manufacturing Operations Only

For the year 1990, 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 1990 output.

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

Asset Code	Description of Asset	Asset Code	Description of Asset
99		99	
99		99	
99		99	
99		99	
99		99	

#### COMMENTS


#### 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 Quebec", 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.

Name of person responsible for this report (print or type)	Official position	Date of this report D M Y
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Address (if different from mailing address)	Telephone number
---	------------------

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, 1990 and March 31, 1991.

The following are acceptable report periods:

May	1989 - April	1990(04-90)
June	1989 - May	1990(05-90)
July	1989 - June	1990(06-90)
Aug.	1989 - July	1990(07-90)
Sept.	1989 - Aug.	1990(08-90)
Oct.	1989 - Sept.	1990(09-90)
Nov.	1989 - Oct.	1990(10-90)
Dec.	1989 - Nov.	1990(11-90)
Jan.	1990 - Dec.	1990(12-90)
Feb.	1990 - Jan.	1991(01-91)
March	1990 - Feb.	1991(02-91)
April	1990 - March	1991(03-91)

#### 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 3 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 Expenditures Plans":

Complete this section only if this report shows significant changes from the capital expenditures reported previously on the "Preliminary Estimate 1990" (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.

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

- (a) **INCLUDE:** Capitalized interest charges on loans with which capital projects are financed. Additions to work in progress.
- (b) **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.

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

- (a) Grants and/or subsidies to outside entities (i.e. municipalities, agencies, institutions or businesses), are not to be included.
- (b) Departments are requested to exclude from reported figures budgetary items pertaining to any departmental agency and proprietary crown corporation as they are surveyed separately.
- (c) Federal departments are to report expenditures paid for by their department, regardless of which department awarded the contract.
- (d) 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.

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.

#### 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 aggregate 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**:

- (1) buildings that have accommodation units without self-contained or exclusive use of bathroom and kitchen facilities (e.g. some student and senior citizen residences);
- (2) the non-residential portion of multi-purpose projects and of townships;
- (3) 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:

- (1) the cost of demolition of buildings, land servicing and of site preparation;
- (2) leasehold and land improvements;
- (3) townsite facilities, such as streets, sewers, stores, schools;
- (4) oil or gas pipelines, including pipe and installation costs;
- (5) 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.

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: Disposal/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.

1. **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. 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.

##### 2. Annual Leasing or Rental Payments (Question 4)

This item represents the total amounts spent on leasing or rental payments on fixed assets from other organizations during the reporting period.

##### 3. Robots (Question 6)

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 1990

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.

# 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.

- 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.
- 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.
- 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)	\$ (2)	\$ (3)	\$ (4)	\$ (5)	Years (6)	Years (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		<b>TRANSPORTATION</b>	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		<b>WATERWORKS</b>	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		<b>TRANSPORTATION EQUIPMENT</b>		
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		<b>SEWAGE SYSTEMS</b>	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		
	<b>INSTITUTIONAL</b>	2699	Other sewage system construction	6206	Ships and boats and major replacement parts		
1201	Schools (including technical, vocational), colleges, universities and other educational buildings		<b>ELECTRIC POWER</b>	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		<b>COMMUNICATION</b>		<b>COMPUTER-ASSISTED PROCESS MACHINERY AND EQUIPMENT</b>		
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		<b>OIL AND GAS WELLS, STORAGE AND DISTRIBUTION</b>		<b>CONVENTIONAL (non-computer assisted)</b>		
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		<b>OTHER MACHINERY AND EQUIPMENT</b>		
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				
			<b>OTHER CONSTRUCTION</b>				
		5999	Other construction (not specified elsewhere)				



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