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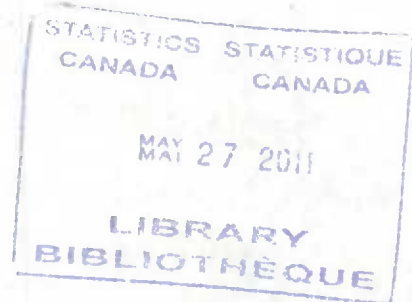
Statistique
Canada

**Science, Technology
and Capital
Stock Division**

**Division des sciences,
de la technologie
et du stock de capital**



Canada



Capital Expenditures on Machinery and Equipment

By Type of Asset

1987

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July 18, 1989

CES-34015E (aussi disponible en français)

Symbols

The following symbol is used in this document:

X confidential to meet secrecy requirements of the Statistics Act

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Note to Users

The private and public investment survey collects data for 30 different types of machinery and equipment assets for most sectors of the Canadian economy.

These data are now available for the 1987 survey for 54 industries which represent 83% (see table 1) of the all-industry total of \$39.2 billion, published in Private and Public Investment in Canada, Outlook 1989 (Daily - March 8, 1989). The industries are classified according to the 1970 Standard Industrial Classification.

Comparable data are also now available for 1986 along with revised data for 1985. To complete the coverage, further industries will be added in succeeding years.

The data on machinery and equipment by type of asset now form part of the standard products of the Private and Public Investment survey. The data will now be released annually, with the next release of 1988 data in March 1990.

Any questions regarding this information or requests for additional data should be directed to Jim Cain (613-951-2590) or John Foley (613-951-2591), Science, Technology and Capital Stock Division.

Table 1
Capital Expenditures on Machinery and Equipment¹ by Type of Asset

Sectors included for 1987 Actual Expenditures

Detail by Asset			
Sectors	Published Total Capital Machinery and Equipment	Included for 1987	To Be Obtained in Later Phases
(Millions of Dollars)			
Agriculture	1,802		1,802
Fishing	83		83
Forestry	143	143	
Mining	1,130		
- Metal and Non-metal Mines		637 ²	
- Petroleum and Natural Gas Wells			493
Construction industry	1,269		1,269
Manufacturing	12,519	12,519	
Utilities	7,533	4,720	
- Pipelines			98
- Electric Power			2,715
Trade, Finance, Commercial	11,458	11,458	
Institutions	1,186	930	
- Schools (Municipal and Provincial)			256
Government Departments	2,118	2,118 ³	
TOTAL	39,241	32,525	6,716
Percentage of Published Total	100%	83%	17%

1 Totals by Sector or Industry as published in Private and Public Investment in Canada (Catalogue 61-205).

2 Most metal and non-metal mines by type of machinery asset data are included, for the first time, on the 1987 Actual survey.

3 Municipal Government Departments by type of machinery asset data were included, for the first time, on the 1986 Actual survey.

TABLE 2, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY SECTOR, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	FORESTRY AND MOST OF MINING	MANUFACTURING	UTILITIES	TRADE FINANCE AND COMMERCIAL	INSTITUTIONS GOVERNMENT DEPARTMENTS	GRAND TOTAL -----
TRANSPORTATION EQUIPMENT						
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	3.5	47.1	45.7	3,558.8	200.2	3,855.3
BUSES AND MAJOR REPLACEMENT PARTS.....	1.9	0.0	205.9	X	X	271.8
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	32.3	108.8	426.5	853.9	206.8	1,628.3
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.8	0.5	6.3	0.8	1.8	10.2
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	2.0	19.8	217.3	32.9	0.0	271.9
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	1.3	19.1	44.5	0.1	64.8	129.8
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.6	24.9	611.9	102.2	26.7	766.3
OTHER TRANSPORTATION EQUIPMENT.....	0.8	5.2	30.9	X	X	49.6
SUB-TOTAL.....	43.2	225.4	1,589.0	4,611.5	514.2	6,983.2
GENERAL MACHINERY AND EQUIPMENT						
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	1.9	214.2	68.5	1,998.0	315.8	2,598.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	15.4	437.7	288.8	2,104.7	588.9	3,435.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.5	18.7	1.0	1,267.1	186.9	1,474.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	3.9	83.1	17.5	217.4	720.0	1,041.9
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	10.6	82.6	77.1	42.6	25.5	238.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	113.5	0.6	X	X	131.1
SAFETY AND SECURITY EQUIPMENT.....	9.2	21.4	2.2	6.2	32.1	71.0
SANITATION EQUIPMENT.....	0.0	5.5	31.4	0.8	8.2	45.9
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	29.2	108.4	22.1	314.3	24.7	498.6
HEAVY CONSTRUCTION EQUIPMENT.....	273.0	38.1	15.9	153.3	109.7	590.0
TRACTORS, FARM EQUIPMENT.....	43.2	10.1	1.2	28.4	18.1	101.1
CAPITALIZED TOOLING AND OTHER TOOLS.....	8.4	579.1	33.2	22.9	10.3	653.9
DRILLING AND BLASTING EQUIPMENT.....	41.9	X	0.0	X	0.0	43.8
INDUSTRIAL CONTAINERS.....	0.0	X	3.5	25.1	X	51.7
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	35.3	0.0	0.0	0.0	0.0	35.3
MINE HOISTS, CAGES, ROPES AND SKIPS.....	12.3	0.0	0.0	0.0	0.0	12.3
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	36.2	154.4	62.9	171.6	7.3	432.2
PROCESSING EQUIPMENT.....	188.2	8,355.5	2.9	118.2	8.8	8,673.6
COMMUNICATION AND RELATED EQUIPMENT.....	2.4	18.1	2,356.6	111.7	337.8	2,826.7
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	315.2	25.4	X	X	566.9
SUB-TOTAL.....	737.2	10,579.0	3,010.7	6,661.7	2,533.9	23,522.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....		1,714.3	120.3	184.3		2,018.9
TOTAL.....	780.4	12,518.7	4,720.0	11,457.4	3,048.1	32,524.6

Table 3.

Processing Equipment In The Manufacturing Sector
Computer-assisted / Conventional
By Province and Territories
ACTUAL 1985, 1986 & 1987
(millions of dollars)

PROVINCE	YEAR	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
		\$	%	\$	%	\$
NEWFOUNDLAND	1985	4.7	5%	82.4	95%	87.1
	1986	4.8	4%	121.2	96%	126.0
	1987	5.7	7%	71.2	93%	76.9
PRINCE EDWARD ISLAND	1985	0.2	2%	9.5	98%	9.7
	1986	0.3	4%	7.8	96%	8.1
	1987	0.3	5%	6.3	95%	6.6
NOVA SCOTIA	1985	35.0	31%	78.1	69%	113.1
	1986	37.9	39%	60.1	61%	98.0
	1987	57.2	25%	171.6	75%	228.8
NEW BRUNSWICK	1985	x	x	x	x	239.0
	1986	x	x	x	x	190.8
	1987	x	x	x	x	153.3
QUEBEC	1985	244.1	14%	1556.8	86%	1800.9
	1986	212.8	10%	1924.6	90%	2137.4
	1987	516.8	22%	1825.4	78%	2342.2
ONTARIO	1985	287.0	9%	2822.7	91%	3109.7
	1986	954.3	19%	3972.3	81%	4926.6
	1987	943.9	23%	3121.4	77%	4065.3
MANITOBA	1985	25.8	22%	88.9	78%	114.7
	1986	12.6	12%	88.7	88%	101.3
	1987	16.9	19%	70.2	81%	87.1
SASKATCHEWAN	1985	x	x	x	x	60.6
	1986	x	x	x	x	88.8
	1987	x	x	x	x	208.5
ALBERTA	1985	57.6	28%	148.2	72%	205.8
	1986	38.4	11%	299.5	89%	337.9
	1987	119.9	34%	229.7	66%	349.6
BRITISH COLUMBIA	1985	19.8	4%	473.4	96%	493.2
	1986	74.9	15%	410.1	85%	485.0
	1987	188.6	23%	648.5	77%	837.1
TERRITORIES	1985	0.0	0%	0.4	100%	0.4
	1986	0.0	0%	0.3	100%	0.3
	1987	0.0	0%	0.2	100%	0.2
CANADA	1985	850.2	14%	5384.0	86%	6234.2
	1986	1446.1	17%	7054.1	83%	8500.2
	1987	1886.1	23%	6469.5	77%	8355.6

Processing Equipment in the Manufacturing Sector, Canada

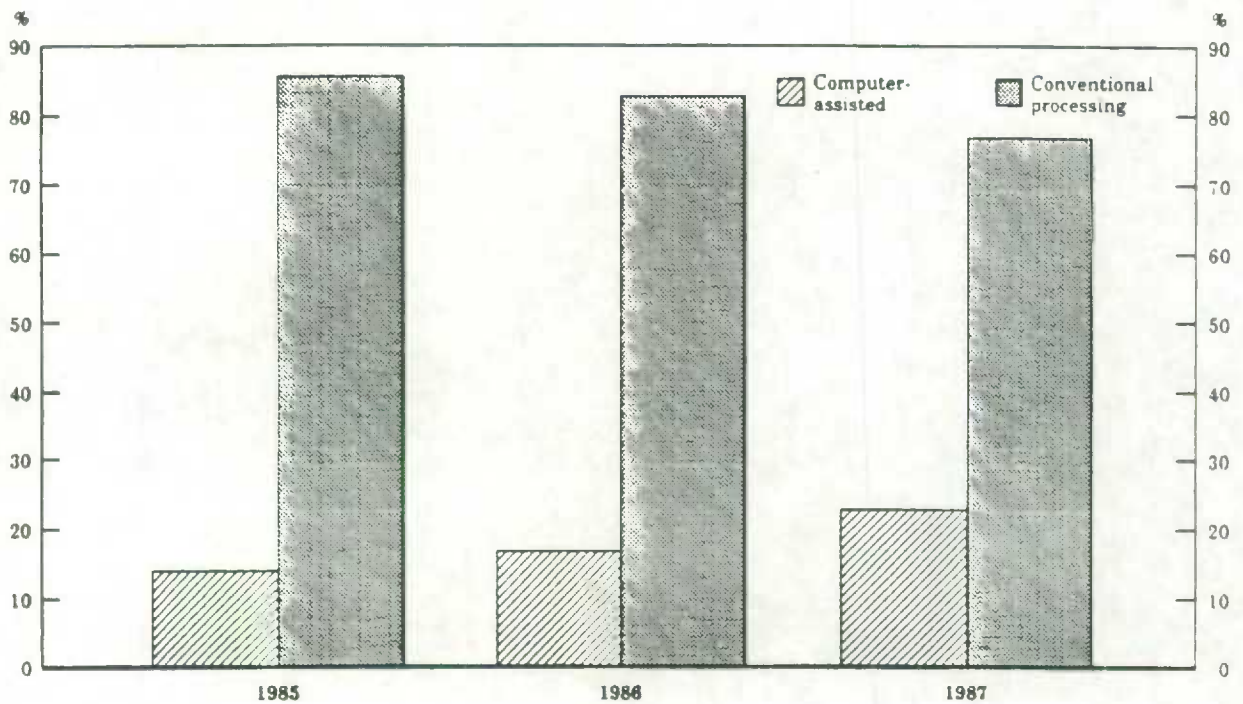


TABLE 3A

Processing Equipment In The Manufacturing Sector
Computer-assisted \ Conventional Assets
By Industry
ACTUAL 1987
(millions of dollars)

	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
	\$	%	\$	%	\$
FOOD & BEVERAGES	57.6	8%	651.1	92%	708.7
RUBBER & PLASTICS	70.3	26%	202.4	74%	272.7
TEXTILES	21.4	11%	174.1	89%	195.5
WOOD	180.9	37%	312.7	63%	493.6
PAPER AND ALLIED INDUSTRIES	411.5	20%	1,698.0	80%	2,109.5
PRINTING & PUBLISHING	26.0	11%	220.4	89%	246.4
PRIMARY METAL	313.9	29%	768.8	71%	1,082.7
METAL FABRICATING	86.1	33%	175.7	67%	261.8
MACHINERY	18.2	9%	175.9	91%	194.1
TRANSPORTATION EQUIPMENT	352.1	29%	872.1	71%	1,224.2
ELECTRICAL PRODUCTS	188.9	58%	135.9	42%	324.8
NON-METALLIC MINERALS	28.8	13%	190.7	87%	219.5
PETROLEUM & COAL PRODUCTS	3.6	2%	152.4	98%	156.0
CHEMICALS	62.0	10%	531.4	90%	593.4
MISC. MANUFACTURING	31.8	24%	98.3	76%	130.1
OTHER MANUFACTURING	32.8	23%	109.3	77%	142.1
MANUFACTURING TOTAL	1,885.9	23%	6,469.2	77%	8,355.1

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	FORESTRY	GOLD MINES	COPPER GOLD SILVER MINES	SILVER LEAD ZINC MINES
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.7	0.2	X	0.0
BUSES AND MAJOR REPLACEMENT PARTS.....	1.9	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	15.3	2.5	X	X
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.1	X	0.0	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	0.8	X	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	1.3	0.0	0.0	0.0
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.6	0.0	0.0	0.0
OTHER TRANSPORTATION EQUIPMENT.....	0.0	X	X	0.0
SUB-TOTAL.....	19.8	3.7	X	X
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	0.1	0.6	0.0	X
COMPUTER HARDWARE AND WORD PROCESSORS.....	1.5	1.7	3.5	0.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.1	X	0.0	0.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.3	0.5	X	X
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.3	1.4	0.7	0.4
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.0	X	0.0	0.0
SAFETY AND SECURITY EQUIPMENT.....	0.0	0.8	0.0	0.5
SANITATION EQUIPMENT.....	0.0	0.0	0.0	0.0
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.3	13.5	4.2	2.4
HEAVY CONSTRUCTION EQUIPMENT.....	58.7	55.1	40.8	5.6
TRACTORS, FARM EQUIPMENT.....	20.6	2.5	1.5	0.4
CAPITALIZED TOOLING AND OTHER TOOLS.....	2.2	1.0	0.5	0.3
DRILLING AND BLASTING EQUIPMENT.....	0.0	14.2	1.3	2.3
INDUSTRIAL CONTAINERS.....	0.0	0.0	0.0	0.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	19.6	X	3.7
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	5.1	0.3	2.5
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	3.6	X	0.1	3.4
PROCESSING EQUIPMENT.....	33.4	41.2	5.8	11.6
COMMUNICATION AND RELATED EQUIPMENT.....	0.3	0.7	0.1	0.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	1.5	4.1	0.0	0.2
SUB-TOTAL.....	122.9	167.4	X	X
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	142.8	171.1	66.9	35.3

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	OTHER METAL MINES	NON-METAL MINES	OIL DRILLERS	FORESTRY AND MOST OF MINING TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.6	X	0.1	3.5
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	1.9
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	4.3	0.5	32.3
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	X	0.0	0.0	0.8
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	X	0.0	2.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	1.3
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	0.0	0.0	0.6
OTHER TRANSPORTATION EQUIPMENT.....	0.2	X	0.0	0.8
SUB-TOTAL.....	7.1	6.6	0.6	43.2
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	X	X	0.1	1.9
COMPUTER HARDWARE AND WORD PROCESSORS.....	1.5	6.6	0.0	15.4
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.0	X	0.0	0.5
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	1.0	1.8	0.0	3.9
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.8	6.0	0.0	10.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	X	0.0	X
SAFETY AND SECURITY EQUIPMENT.....	0.3	7.6	0.0	9.2
SANITATION EQUIPMENT.....	0.0	0.0	0.0	0.0
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	2.4	6.5	0.0	29.2
HEAVY CONSTRUCTION EQUIPMENT.....	4.6	108.0	0.2	273.0
TRACTORS, FARM EQUIPMENT.....	2.7	15.5	0.0	43.2
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.7	3.7	0.0	8.4
DRILLING AND BLASTING EQUIPMENT.....	6.4	5.7	12.0	41.9
INDUSTRIAL CONTAINERS.....	0.0	0.0	0.0	0.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	X	6.3	0.0	35.3
MINE HOISTS, CAGES, ROPES AND SKIPS.....	2.4	2.0	0.0	12.3
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	2.9	25.7	0.0	36.2
PROCESSING EQUIPMENT.....	52.2	44.0	0.0	188.2
COMMUNICATION AND RELATED EQUIPMENT.....	0.3	0.9	0.0	2.4
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	X	0.1	X
SUB-TOTAL.....	92.4	245.2	12.4	737.2
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	99.5	251.8	13.0	780.4

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	FOOD AND BEVERAGES	RUBBER AND PLASTICS	TEXTILES	WOOD	PAPER AND ALLIED INDUSTRIES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	20.2	3.7	0.3	1.6	0.9
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	45.4	1.0	0.2	6.4	10.2
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.0	0.0	0.0	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	0.0	0.0	0.0	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	X	0.0	0.0	X	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	0.0	0.0	X	0.0
OTHER TRANSPORTATION EQUIPMENT.....	0.2	0.0	0.0	0.0	1.5
SUB-TOTAL.....	97.0	4.7	0.5	9.0	14.8
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	23.0	6.7	9.0	3.6	8.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	44.7	16.9	7.6	6.3	18.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	4.7	0.3	0.0	0.4	0.4
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	3.2	2.9	1.2	0.5	3.7
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	11.1	8.1	2.3	8.7	18.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	9.7	0.2	0.6	0.9	31.4
SAFETY AND SECURITY EQUIPMENT.....	1.1	0.4	X	0.8	5.6
SANITATION EQUIPMENT.....	3.1	0.1	0.0	0.0	0.5
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	8.5	0.8	0.2	7.9	30.5
HEAVY CONSTRUCTION EQUIPMENT.....	0.3	0.0	0.0	12.9	5.0
TRACTORS, FARM EQUIPMENT.....	0.2	0.0	0.0	2.6	4.4
CAPITALIZED TOOLING AND OTHER TOOLS.....	1.8	10.5	5.0	2.8	3.7
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
INDUSTRIAL CONTAINERS.....	8.6	0.0	0.0	0.0	0.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	15.4	2.1	3.1	16.4	22.4
PROCESSING EQUIPMENT.....	708.7	272.7	195.5	493.7	2,109.5
COMMUNICATION AND RELATED EQUIPMENT.....	1.5	0.0	0.1	0.5	0.7
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	9.4	11.4	X	13.1	8.8
SUB-TOTAL.....	855.0	333.0	225.1	571.0	2,271.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	952.0	337.8	225.6	580.0	2,286.5

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	PRINTING AND PUBLISHING	PRIMARY METAL	METAL FABRICATING	MACHINERY	TRANSPORTATION EQUIPMENT
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	3.2	0.5	1.0	1.0	2.5
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	3.1	6.8	3.6	0.5	1.4
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	X	0.0	0.0	0.0
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	X	0.0	0.0	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	0.0	0.0	0.0	X
OTHER TRANSPORTATION EQUIPMENT.....	0.0	0.4	0.1	0.0	X
SUB-TOTAL.....	6.4	9.3	4.8	1.5	26.7
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	9.2	3.8	16.3	6.3	17.9
COMPUTER HARDWARE AND WORD PROCESSORS.....	16.0	18.2	29.2	40.3	74.2
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	5.1	0.0	0.5	X	1.7
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.0	5.1	3.5	4.6	X
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.6	6.1	1.8	0.1	X
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	1.4	47.5	5.4	0.5	X
SAFETY AND SECURITY EQUIPMENT.....	0.3	0.3	1.5	0.3	X
SANITATION EQUIPMENT.....	0.1	0.1	1.2	0.0	0.2
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	6.0	11.4	2.5	0.2	0.3
HEAVY CONSTRUCTION EQUIPMENT.....	0.0	2.3	0.2	0.0	0.0
TRACTORS, FARM EQUIPMENT.....	0.0	0.1	0.0	X	X
CAPITALIZED TOOLING AND OTHER TOOLS.....	7.7	18.3	7.2	15.1	462.3
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	X	0.0
INDUSTRIAL CONTAINERS.....	0.0	0.0	0.0	0.0	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	1.1	16.0	10.5	3.7	17.5
PROCESSING EQUIPMENT.....	246.4	1,082.8	261.7	194.1	1,224.2
COMMUNICATION AND RELATED EQUIPMENT.....	0.7	0.2	0.5	0.1	4.2
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	5.9	1.8	7.4	3.6	X
SUB-TOTAL.....	300.5	1,213.8	351.6	270.1	2,028.9
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	306.9	1,223.1	356.4	271.6	2,055.6

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	ELECTRICAL PRODUCTS	NON-METALLIC MINERALS	PETROLEUM AND COAL PRODUCTS	CHEMICALS
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.4	4.0	0.0	2.6
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	1.0	22.9	X	2.9
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.0	0.0	0.0
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	X	0.0	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	0.0	X	0.0
OTHER TRANSPORTATION EQUIPMENT.....	0.0	X	0.0	0.3
SUB-TOTAL.....	1.4	27.8	X	6.7
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	30.0	1.4	5.5	22.9
COMPUTER HARDWARE AND WORD PROCESSORS.....	69.7	2.3	23.1	41.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	1.3	0.0	X	0.6
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	17.8	0.6	1.1	28.8
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	3.4	1.7	X	10.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	1.9	2.0	2.4	7.0
SAFETY AND SECURITY EQUIPMENT.....	X	0.4	X	3.1
SANITATION EQUIPMENT.....	0.0	0.0	0.0	0.2
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	4.1	0.8	4.5	29.7
HEAVY CONSTRUCTION EQUIPMENT.....	0.0	15.4	0.0	2.1
TRACTORS, FARM EQUIPMENT.....	0.0	2.2	X	0.2
CAPITALIZED TOOLING AND OTHER TOOLS.....	22.1	1.0	0.0	10.3
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	0.0
INDUSTRIAL CONTAINERS.....	0.0	0.0	0.0	12.9
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	2.9	4.8	X	35.1
PROCESSING EQUIPMENT.....	324.8	219.5	156.1	593.5
COMMUNICATION AND RELATED EQUIPMENT.....	5.9	0.8	0.0	2.7
OTHER MACHINERY AND EQUIPMENT(M.E.S.).....	X	1.7	X	9.2
SUB-TOTAL.....	509.9	254.8	197.9	810.8
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	511.4	282.5	204.9	817.5

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	MISCELLANEOUS MANUFACTURING	OTHER MANUFACTURING INDUSTRIES	CAPITAL CHARGED TO OPERATING	MANUFACTURING TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	4.2	X		47.1
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0		0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	X		108.8
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.0		0.5
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	X	0.0		19.8
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0		19.1
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	0.0		24.9
OTHER TRANSPORTATION EQUIPMENT.....	0.0	0.0		5.2
SUB-TOTAL.....	5.7	X		225.4
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	41.4	8.8		214.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	18.7	10.0		437.7
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.0	X		18.7
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	1.8	X		83.1
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	X	0.7		82.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.0	X		113.5
SAFETY AND SECURITY EQUIPMENT.....	0.0	0.0		21.4
SANITATION EQUIPMENT.....	0.0	0.0		5.5
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.0	0.8		108.4
HEAVY CONSTRUCTION EQUIPMENT.....	0.0	0.0		38.1
TRACTORS, FARM EQUIPMENT.....	0.0	0.0		10.1
CAPITALIZED TOOLING AND OTHER TOOLS.....	2.6	8.9		579.1
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0		X
INDUSTRIAL CONTAINERS.....	X	0.0		X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0		0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0		0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	1.7	X		154.4
PROCESSING EQUIPMENT.....	130.1	142.2		8,355.5
COMMUNICATION AND RELATED EQUIPMENT.....	0.0	0.0		18.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	0.0		315.2
SUB-TOTAL.....	208.6	X		10,579.0
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			1,714.3	1,714.3
TOTAL.....	214.3	178.2	1,714.3	12,518.7

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	AIR TRANSPORT	RAIL TRANSPORT	WATER TRANSPORT AND SERVICES	MOTOR TRANSPORT
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.1	X	0.3	3.6
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	58.3
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	2.9	9.4	2.3	307.1
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	0.0	X	0.0	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	0.0	142.9	0.0	0.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	44.5	0.0
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	611.9	0.0	0.0	0.0
OTHER TRANSPORTATION EQUIPMENT.....	6.1	22.9	0.0	X
SUB-TOTAL.....	621.1	182.0	47.1	371.9
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	X	X	1.1	7.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	31.2	26.7	2.6	22.0
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.0	0.0	0.3	0.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.0	0.0	X	0.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.0	0.0	0.4	0.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.0	0.0	X	0.0
SAFETY AND SECURITY EQUIPMENT.....	X	0.0	X	0.2
SANITATION EQUIPMENT.....	0.0	0.0	0.1	0.0
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	X	0.3	0.2
HEAVY CONSTRUCTION EQUIPMENT.....	0.0	X	0.1	0.0
TRACTORS, FARM EQUIPMENT.....	X	0.0	X	0.0
CAPITALIZED TOOLING AND OTHER TOOLS.....	5.0	1.8	0.6	2.4
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	0.0
INDUSTRIAL CONTAINERS.....	0.0	X	0.0	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	2.9	0.3	10.0	1.5
PROCESSING EQUIPMENT.....	0.0	X	0.0	0.0
COMMUNICATION AND RELATED EQUIPMENT.....	3.1	3.1	0.7	1.6
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	0.0	0.1	X
SUB-TOTAL.....	46.7	41.9	17.7	40.8
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	667.8	223.8	64.8	412.7

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	URBAN TRANSIT SYSTEMS	GRAIN ELEVATORS	BROADCASTING	TELEPHONE AND TELEGRAPH
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	0.5	2.8	24.0
BUSES AND MAJOR REPLACEMENT PARTS.....	147.6	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	3.9	0.1	4.0	71.1
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.0	0.0	0.0
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	74.4	0.0	0.0	0.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	0.0	0.0	0.0
OTHER TRANSPORTATION EQUIPMENT.....	X	0.0	0.0	0.0
SUB-TOTAL.....	228.1	0.7	6.9	95.1
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	2.5	1.4	13.5	32.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	11.3	1.4	17.8	150.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.3	0.0	0.0	0.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	X	0.0	0.6	X
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	X	0.0	0.0	0.0
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	0.0	0.0	0.0
SAFETY AND SECURITY EQUIPMENT.....	0.1	0.0	0.3	0.0
SANITATION EQUIPMENT.....	X	0.0	0.0	0.0
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.0	0.0	0.4	0.6
HEAVY CONSTRUCTION EQUIPMENT.....	X	0.0	0.0	X
TRACTORS, FARM EQUIPMENT.....	0.0	0.0	0.0	0.0
CAPITALIZED TOOLING AND OTHER TOOLS.....	5.5	0.0	1.5	9.4
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	0.0
INDUSTRIAL CONTAINERS.....	0.0	0.0	0.0	0.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.8	33.4	0.0	0.0
PROCESSING EQUIPMENT.....	X	0.1	0.0	0.0
COMMUNICATION AND RELATED EQUIPMENT.....	5.3	0.0	156.2	2,183.4
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	1.6	1.7	X
SUB-TOTAL.....	33.9	37.8	191.9	2,398.8
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	262.0	38.5	198.8	2,493.8

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	GAS DISTRIBUTION	OTHER UTILITIES	CAPITAL CHARGED TO OPERATING	UTILITIES TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	10.4	0.3		45.7
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0		205.9
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	2.4	23.2		426.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.0		6.3
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	0.0		217.3
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0		44.5
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	0.0		611.9
OTHER TRANSPORTATION EQUIPMENT.....	0.0	0.0		30.9
SUB-TOTAL.....	12.8	23.5		1,589.0
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	X	1.3		68.5
COMPUTER HARDWARE AND WORD PROCESSORS.....	22.3	2.9		288.8
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.0	0.2		1.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	X	0.0		17.5
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	62.8	X		77.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.0	0.0		0.6
SAFETY AND SECURITY EQUIPMENT.....	0.0	0.0		2.2
SANITATION EQUIPMENT.....	0.0	X		31.4
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	0.0		22.1
HEAVY CONSTRUCTION EQUIPMENT.....	2.9	5.8		15.9
TRACTORS, FARM EQUIPMENT.....	0.0	X		1.2
CAPITALIZED TOOLING AND OTHER TOOLS.....	5.3	1.8		33.2
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0		0.0
INDUSTRIAL CONTAINERS.....	0.0	3.1		3.5
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0		0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0		0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.0	14.0		62.9
PROCESSING EQUIPMENT.....	0.0	0.0		2.9
COMMUNICATION AND RELATED EQUIPMENT.....	3.0	0.2		2,356.6
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	1.1		25.4
SUB-TOTAL.....	131.3	69.9		3,010.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			120.3	120.3
TOTAL.....	144.1	93.5	120.3	4,720.0

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	WHOLESALE	DEPARTMENT STORES	CHAIN STORES	AUTOMOTIVE TRADE	COMBINATION FOOD STORES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	21.5	0.0	1.8	296.3	2.5
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	9.7	10.9	23.2	1.4
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.0	0.0	0.0	0.0
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	X	0.0	0.0	0.0	0.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0	0.0
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	0.0	0.0	0.0	0.0
OTHER TRANSPORTATION EQUIPMENT.....	X	0.0	0.0	0.0	0.0
SUB-TOTAL.....	78.0	9.8	12.7	319.5	3.8
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	42.9	11.8	22.3	28.0	1.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	101.0	16.5	23.7	35.2	2.7
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	152.8	86.0	123.2	3.2	145.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	X	0.0	0.0	0.0	0.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.3	0.4	0.4	2.4	2.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
SAFETY AND SECURITY EQUIPMENT.....	0.5	0.0	1.0	X	0.0
SANITATION EQUIPMENT.....	0.0	0.0	0.1	0.0	0.0
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	31.8	0.0	X	99.6	X
HEAVY CONSTRUCTION EQUIPMENT.....	106.1	0.0	0.0	0.0	0.0
TRACTORS, FARM EQUIPMENT.....	X	0.0	1.3	0.0	0.0
CAPITALIZED TOOLING AND OTHER TOOLS.....	6.4	0.0	0.0	X	0.0
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
INDUSTRIAL CONTAINERS.....	24.0	0.0	0.0	1.1	0.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	81.2	0.4	3.6	39.4	0.0
PROCESSING EQUIPMENT.....	20.7	0.0	X	0.0	8.3
COMMUNICATION AND RELATED EQUIPEMENT.....	2.3	2.1	0.0	X	1.1
OTHER MACHINERY AND EQUIPMENT(M.E.S.).....	21.5	0.0	X	25.9	X
SUB-TOTAL.....	617.0	117.2	178.0	238.3	162.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	695.0	127.0	190.7	557.8	166.5

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(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	6.9	213.9	0.0
BUSES AND MAJOR REPLACEMENT PARTS.....		0.0	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....		0.0	0.0	60.9	0.0
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....		0.0	0.0	0.0	0.0
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....		0.0	0.0	0.0	0.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....		0.0	0.0	0.0	0.0
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....		0.0	0.0	0.0	0.0
OTHER TRANSPORTATION EQUIPMENT.....		0.0	0.0	0.0	0.0
SUB-TOTAL.....		0.6	6.9	274.8	0.0
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....		138.2	105.2	200.6	0.5
COMPUTER HARDWARE AND WORD PROCESSORS.....		287.9	218.9	172.4	0.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....		0.0	0.3	182.8	21.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....		0.0	X	X	0.2
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....		0.0	0.0	20.0	0.0
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....		0.0	0.0	0.0	0.0
SAFETY AND SECURITY EQUIPMENT.....		0.0	0.0	0.0	0.0
SANITATION EQUIPMENT.....		0.0	0.0	0.0	0.0
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....		0.0	0.0	0.1	0.0
HEAVY CONSTRUCTION EQUIPMENT.....		0.0	0.0	18.3	0.0
TRACTORS, FARM EQUIPMENT.....		0.0	0.0	X	0.0
CAPITALIZED TOOLING AND OTHER TOOLS.....		0.0	X	X	0.0
DRILLING AND BLASTING EQUIPMENT.....		0.0	0.0	0.0	0.0
INDUSTRIAL CONTAINERS.....		0.0	0.0	0.0	0.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....		0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....		0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....		2.3	0.0	0.0	0.0
PROCESSING EQUIPMENT.....		0.0	0.0	X	0.8
COMMUNICATION AND RELATED EQUIPMENT.....		14.5	7.2	7.4	1.2
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....		0.1	X	X	1.4
SUB-TOTAL.....		443.0	333.4	607.5	25.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	184.3				
TOTAL.....	184.3	443.6	340.4	882.3	25.8

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(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.....	0.0	3,013.5	1.8	3,558.8
BUSES AND MAJOR REPLACEMENT PARTS.....	0.0	X	0.0	X
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.0	X	10.3	853.9
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.7	0.0	0.8
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	X	0.0	32.9
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.1	0.0	0.1
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	X	0.0	102.2
OTHER TRANSPORTATION EQUIPMENT.....	0.0	X	0.0	X
SUB-TOTAL.....	0.0	3,893.3	12.0	4,611.5
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	0.5	1,439.7	7.0	1,998.0
COMPUTER HARDWARE AND WORD PROCESSORS.....	1.1	1,239.5	5.4	2,104.7
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	152.1	322.9	77.5	1,267.1
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.0	210.2	0.0	217.4
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	2.1	6.9	6.9	42.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.0	X	0.0	X
SAFETY AND SECURITY EQUIPMENT.....	0.0	1.3	X	6.2
SANITATION EQUIPMENT.....	0.0	0.6	0.0	0.8
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.2	181.6	X	314.3
HEAVY CONSTRUCTION EQUIPMENT.....	0.0	28.9	0.0	153.3
TRACTORS, FARM EQUIPMENT.....	0.0	6.8	0.0	28.4
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.0	13.2	0.0	22.9
DRILLING AND BLASTING EQUIPMENT.....	0.0	X	0.0	X
INDUSTRIAL CONTAINERS.....	0.0	0.0	0.0	25.1
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.0	43.3	1.3	171.6
PROCESSING EQUIPMENT.....	0.0	82.3	X	118.2
COMMUNICATION AND RELATED EQUIPMENT.....	1.2	68.5	6.0	111.7
OTHER MACHINERY AND EQUIPMENT(M.E.S.).....	0.0	X	1.9	X
SUB-TOTAL.....	157.2	3,667.2	114.4	6,661.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				184.3
TOTAL.....	157.3	7,560.5	126.4	11,457.4

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	PRIVATE SCHOOLS	UNIVERSITIES	HOSPITALS	SPECIAL CARE INSTITUTIONS	CHURCHES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.3	0.8	0.1	0.3	0.3
BUSES AND MAJOR REPLACEMENT PARTS.....	1.3	0.0	0.0	0.0	0.0
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.2	0.2	0.2	0.0	0.0
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.0	0.0	0.0	0.0	0.0
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	0.0	0.0	0.0	0.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	0.0	0.0	0.0	0.0	0.0
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	0.0	0.0	0.0	0.0	0.0
OTHER TRANSPORTATION EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
SUB-TOTAL.....	1.8	1.0	0.3	0.3	0.3
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	10.9	76.8	34.3	1.7	0.7
COMPUTER HARDWARE AND WORD PROCESSORS.....	5.5	71.9	49.1	0.4	0.3
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	3.3	13.2	88.0	27.3	11.1
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.5	105.1	386.5	1.6	0.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.5	X	2.7	X	1.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
SAFETY AND SECURITY EQUIPMENT.....	0.1	0.3	0.3	0.0	0.0
SANITATION EQUIPMENT.....	0.0	0.0	0.8	0.0	0.0
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.0	4.0	2.3	0.0	0.0
HEAVY CONSTRUCTION EQUIPMENT.....	0.0	0.0	X	0.0	0.0
TRACTORS, FARM EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
CAPITALIZED TOOLING AND OTHER TOOLS.....	0.0	X	X	0.0	0.0
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
INDUSTRIAL CONTAINERS.....	0.0	0.0	0.0	0.0	0.0
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0	0.0
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0	0.0
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.0	0.0	X	0.0	0.0
PROCESSING EQUIPMENT.....	0.0	X	0.0	0.0	0.0
COMMUNICATION AND RELATED EQUIPMENT.....	0.0	X	2.8	0.0	0.0
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	0.4	8.5	1.5	X	0.0
SUB-TOTAL.....	21.2	291.6	568.7	31.8	13.5
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	23.0	292.5	569.0	32.1	13.9

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY INDUSTRY, BY TYPE OF ASSET, 1987
(MILLIONS OF DOLLARS)

	FEDERAL GOVERNMENT DEPARTMENTS	PROVINCIAL GOVERNMENT DEPARTMENTS	MUNICIPAL GOVERNMENT DEPARTMENTS	INSTITUTIONS GOVERNMENT DEPARTMENTS TOTAL	GRAND TOTAL -----
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	56.3	104.3	37.8	200.2	3,855.3
BUSES AND MAJOR REPLACEMENT PARTS.....	0.3	2.0	0.0	X	271.8
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	33.2	29.0	143.9	206.8	1,628.3
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	X	X	0.2	1.8	10.2
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.0	0.0	0.0	0.0	271.9
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	61.8	2.8	0.3	64.8	129.8
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	X	0.0	26.7	766.3
OTHER TRANSPORTATION EQUIPMENT.....	X	X	0.0	X	49.6
SUB-TOTAL.....	159.5	168.8	182.2	514.2	6,983.2
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	87.3	56.7	47.3	315.8	2,598.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	259.5	133.9	68.4	588.9	3,435.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	23.0	9.2	11.8	186.9	1,474.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	211.1	13.1	2.2	720.0	1,041.9
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	9.0	4.8	6.2	25.5	238.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	X	X	X	131.1
SAFETY AND SECURITY EQUIPMENT.....	15.1	9.6	6.7	32.1	71.0
SANITATION EQUIPMENT.....	1.6	1.1	4.7	8.2	45.9
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	2.0	1.3	15.1	24.7	498.6
HEAVY CONSTRUCTION EQUIPMENT.....	0.6	52.9	56.1	109.7	590.0
TRACTORS, FARM EQUIPMENT.....	3.7	1.9	12.6	18.1	101.1
CAPITALIZED TOOLING AND OTHER TOOLS.....	X	X	X	10.3	653.9
DRILLING AND BLASTING EQUIPMENT.....	0.0	0.0	0.0	0.0	43.8
INDUSTRIAL CONTAINERS.....	0.0	X	0.0	X	51.7
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	0.0	0.0	0.0	0.0	35.3
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	0.0	12.3
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	4.1	0.1	3.0	7.3	432.3
PROCESSING EQUIPMENT.....	X	X	0.0	8.8	8,673.6
COMMUNICATION AND RELATED EQUIPMENT.....	286.6	22.5	17.1	337.8	2,826.7
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	78.8	X	32.4	X	566.9
SUB-TOTAL.....	992.5	323.5	291.1	2,533.9	23,522.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					2,018.9
TOTAL.....	1,152.0	492.2	473.3	3,048.1	32,524.6

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY PROVINCE AND TERRITORY, BY TYPE OF ASSET, 1987

	Nfld	PEI	NS	NB	QUE	ONT	MAN	SASK	ALTA	BC	TERR	CANADA
(MILLIONS OF DOLLARS)												
TRANSPORTATION EQUIPMENT												
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	53.6	10.2	87.7	78.9	918.1	1,633.7	122.4	104.1	406.3	431.0	9.1	3,855.3
BUSES AND MAJOR REPLACEMENT PARTS.....	1.8	X	X	0.9	39.0	146.1	9.3	4.4	6.8	X	0.0	271.8
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	19.8	4.0	41.6	50.6	375.3	675.8	81.0	55.5	170.7	146.4	7.6	1,628.3
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS.....	0.1	0.0	0.1	X	1.8	1.1	X	X	1.4	1.3	X	10.2
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS.....	0.4	0.1	X	X	46.3	137.1	X	X	26.7	X	0.1	271.9
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	30.1	X	21.4	2.1	17.1	19.6	1.3	0.1	X	28.2	8.9	129.8
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	33.0	0.3	8.1	X	100.0	387.5	X	11.1	76.3	116.8	3.6	766.3
OTHER TRANSPORTATION EQUIPMENT.....	0.3	0.0	0.9	X	7.3	17.5	11.4	X	X	5.8	X	49.6
SUB-TOTAL.....	139.1	16.5	168.5	153.4	1,505.0	3,018.4	250.5	190.8	692.6	818.4	29.9	6,983.2
GENERAL MACHINERY AND EQUIPMENT												
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	26.7	6.3	63.1	49.4	541.4	1,265.1	75.2	63.8	231.6	267.7	8.0	2,598.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	30.0	6.8	76.2	47.9	792.9	1,753.3	92.0	63.2	286.4	275.3	11.5	3,435.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	22.2	6.3	48.1	27.3	323.7	641.2	50.8	59.5	131.5	156.5	7.2	1,474.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	6.8	1.9	21.6	18.9	243.2	492.8	44.6	36.5	94.4	79.1	2.0	1,041.9
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.9	0.4	5.0	12.7	38.8	141.0	4.9	5.3	12.5	14.7	1.2	238.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	2.0	0.0	0.8	X	43.4	58.7	1.0	1.5	2.2	8.6	X	131.1
SAFETY AND SECURITY EQUIPMENT.....	2.3	0.1	4.5	1.0	10.1	31.2	3.2	1.7	7.8	6.9	2.2	71.0
SANITATION EQUIPMENT.....	X	0.0	0.7	0.7	X	18.9	2.6	1.5	5.3	6.0	X	45.9
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	10.1	1.3	12.8	11.6	104.6	161.2	X	X	62.9	49.8	1.9	498.6
HEAVY CONSTRUCTION EQUIPMENT.....	19.0	X	34.3	19.4	97.5	111.4	24.1	X	44.3	218.8	6.5	590.0
TRACTORS, FARM EQUIPMENT.....	4.1	X	7.5	3.1	12.3	39.0	X	4.6	8.7	16.7	X	101.1
CAPITALIZED TOOLING AND OTHER TOOLS.....	1.0	0.3	5.2	1.9	87.4	521.4	5.4	2.2	11.6	17.3	0.2	653.9
DRILLING AND BLASTING EQUIPMENT.....	1.7	0.0	0.2	X	X	16.4	1.2	X	11.6	2.0	0.9	43.8
INDUSTRIAL CONTAINERS.....	0.5	0.1	0.6	0.5	8.5	28.2	1.8	0.6	2.4	8.5	0.0	51.7
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	X	0.0	3.8	X	3.7	17.7	0.4	0.1	0.1	4.8	X	35.3
MINE HOISTS, CAGES, ROPES AND SKIPS.....	0.0	0.0	0.0	X	1.4	5.3	X	1.8	0.1	0.1	0.3	12.3
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	3.6	1.1	14.4	14.1	86.2	144.2	24.3	49.2	31.1	62.5	1.5	432.3
PROCESSING EQUIPMENT.....	81.0	6.8	236.0	175.3	2,408.3	4,211.5	93.9	221.9	360.9	875.8	2.2	8,673.6
COMMUNICATION AND RELATED EQUIPMENT.....	57.6	X	95.2	59.2	546.0	1,252.5	103.2	X	264.8	293.2	30.2	2,826.7
OTHER MACHINERY AND EQUIPMENT (N.E.S.).....	X	1.1	7.8	8.0	81.3	355.7	20.4	12.1	28.5	44.1	X	566.9
SUB-TOTAL.....	278.7	47.1	637.8	465.3	5,444.6	11,266.7	565.9	726.8	1,598.5	2,408.5	82.6	23,522.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	20.8	2.5	49.0	41.8	486.9	996.5	37.6	39.0	107.3	236.0	1.5	2,018.9
TOTAL.....	438.6	66.1	855.3	660.6	7,436.4	15,281.5	854.1	956.6	2,398.4	3,462.9	114.0	32,524.6



Statistics Canada Statistique Canada

Capital and repair expenditures Actual, 1988

Target date for receipt August 2, 1989

FORM A8

Confidentiality of individual responses is safeguarded by the Statistics Act. Only group totals are published to protect that confidentiality.

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

PLEASE UPDATE ABOVE INFORMATION, IF NECESSARY

Identification of Operations: _____

Company Name: _____

Division: _____

c/o Company: _____

Contact Name: _____

Address: _____

Postal (Zip) Code: _____

Telephone Number: _____

Telephone Contact Name: _____

Type of Ownership:
(See Reporting Guide, Page 1) _____

Your Fiscal Year End:
(See Reporting Guide, Page 1) Month Year

For Statistics Canada Use Only

<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.

USE OF DATA REPORTED:

Data collected in these surveys on capital and repair expenditures is included in the publications "Private and Public Investment in Canada - catalogue 61-206". 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.

Legal Requirement:

The information sought in this questionnaire is collected under the authority of the Statistics Act. Everyone is required to provide this information.

Federal-Provincial Agreements to Share Information:

If this report is for operations in Newfoundland, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta or British Columbia, please refer to special note on page 4 about arrangements for sharing of data with the statistical agencies of those provinces.

BACKGROUND INFORMATION

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

SECTION A: Capital and Repair Expenditures *						
Asset Code <small>(See Reporting Guide, page 3)</small>	ACTUAL 1988					
	New Assets Including All Imported (new and used) *	Purchase of Used Assets in Canada *	Renovation Retrofit Refurbishing Overhauling Rehabilitation *	Total Capital Expenditures * <small>(sum of columns 2, 3 & 4)</small>	Expected Useful Life of Assets in Column 2 and/or 4 *	Expected Remaining Life of Assets in Column 3 *
	\$'000 (2)	\$'000 (3)	\$'000 (4)	\$'000 (5)	Years (6)	Years (7)
Columns (1)						
Land *	100	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
Residential Construction * - Single	101	102	103	XXXXXXXXXX	104	105
- Multiple	106	107	108	XXXXXXXXXX	109	110

* Codes 1001-5999 NON-RESIDENTIAL CONSTRUCTION * (thousands of dollars)						
111	112	113	114	115	116	117
118	119	120	121	122	123	124
125	126	127	128	129	130	131
132	133	134	135	136	137	138
139	140	141	142	143	144	145
146	147	148	149	150	151	152
153	154	155	156	157	158	159
160	161	162	163	164	165	166
167	168	169	170	171	172	173
174	175	176	177	178	179	180
181	182	183	184	185	186	187
188	189	190	191	192	193	194
195	196	197	198	199	200	201
202	203	204	205	206	207	208
209	210	211	212	213	214	215
TOTAL NON-RESIDENTIAL CONSTRUCTION				216	← BOX A	
				000 **		

* Codes 6001-8999 MACHINERY AND EQUIPMENT * (thousands of dollars)						
336	337	338	339	340	341	342
343	344	345	346	347	348	349
350	351	352	353	354	355	356
357	358	359	360	361	362	363
364	365	366	367	368	369	370
371	372	373	374	375	376	377
378	379	380	381	382	383	384
385	386	387	388	389	390	391
392	393	394	395	396	397	398
399	400	401	402	403	404	405
406	407	408	409	410	411	412
413	414	415	416	417	418	419
420	421	422	423	424	425	426
427	428	429	430	431	432	433
434	435	436	437	438	439	440
441	442	443	444	445	446	447
448	449	450	451	452	453	454
455	456	457	458	459	460	461
462	463	464	465	466	467	468
469	470	471	472	473	474	475
TOTAL MACHINERY AND EQUIPMENT				476	← BOX B	
				000 **		

1. NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES *

Non-Residential Construction 602 000 **

Machinery and Equipment 603 000 **

2. 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	598	597	596	100%
Machinery and Equipment	599	600	601	100%

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

SECTION B: Disposal/Sale of Fixed Assets *			
Asset Code (See Reporting Guide, Page 3)	Selling Price	Accumulated Capital Cost *	Age
Column (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
TOTALS BOX C (612, 616 ... 648)	712	851	BOX D (613, 617 ... 649)
	000.00	000.00	

SECTION C: Reasons for Disposal/Sale of Fixed Assets (See Reporting Guide Page 1, Instruction 4)		% of Disposal/Sale Box C or D ¹
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%

¹ When box C and D are reported, provide percentages based on the Accumulated Capital Cost column.

SECTION D: Analysis of Capital Expenditures (See Reporting Guide Page 1, Instruction 4)		Non-Residential Construction % of Box A	Machinery and Equipment % of Box B
1. Capacity expansion and/or new installation		758	759
2. Replacement and/or modernization		760	761
3. Pollution abatement and control		762	763
4. Improvement to working environment (health, safety, security, etc.)		764	765
5. Reduction of energy costs		766	767
6. Other (specify major reasons)		768	769
		100%	100%

SECTION E: Detail of Expenditures for Fixed Assets * (See Reporting Guide Page 2)		Non-Residential Construction %	Machinery and Equipment %
If the percentage or expenditure is zero for a question, please check the applicable zero box <input checked="" type="checkbox"/>			
1. What is the percentage of interest payments capitalized included in Section A, Column 5 - Box A and B?		772 Zero <input type="checkbox"/>	773 Zero <input type="checkbox"/>
2. 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?		774 Zero <input type="checkbox"/>	775 Zero <input type="checkbox"/>
3. What is the total value of your work in progress at year end? *		770 Zero <input type="checkbox"/>	771 Zero <input type="checkbox"/>
4. What was your total of rental or lease payments for the use of fixed assets whose title is held by other organization during the reporting period? *		776 Zero <input type="checkbox"/>	777 Zero <input type="checkbox"/>
5. 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?		778 Zero <input type="checkbox"/>	779 Zero <input type="checkbox"/>
6. If in section A, you have reported capital expenditures for assets 6401-6499 (robotized/computerized-assisted), please report the number of robots added *			Units 780 Zero <input type="checkbox"/>

SECTION F: Changes in Capital Expenditures Plans (See Reporting Guide Page 1, Instruction 5)		Non-Residential Construction Box A	Machinery and Equipment Box B
From the expenditures reported previously on the Preliminary Estimates 1988			
1. Abandoned plans (indefinitely)		(781) <input type="checkbox"/>	(782) <input type="checkbox"/>
2. Deferred plans to future year(s)		(783) <input type="checkbox"/>	(784) <input type="checkbox"/>
3. Reduced the size of the currently planned project(s)		(785) <input type="checkbox"/>	(786) <input type="checkbox"/>
4. Expanded the size of the currently planned project(s)		(787) <input type="checkbox"/>	(788) <input type="checkbox"/>
5. Introduced additional project(s) into current plans		(789) <input type="checkbox"/>	(790) <input type="checkbox"/>
6. Project(s) ahead of schedule or completed		(791) <input type="checkbox"/>	(792) <input type="checkbox"/>
7. Project(s) behind schedule		(793) <input type="checkbox"/>	(794) <input type="checkbox"/>
8. Better information or revised reporting procedures		(795) <input type="checkbox"/>	(796) <input type="checkbox"/>
9. Other(s)		(797) <input type="checkbox"/>	(798) <input type="checkbox"/>

SECTION G: Gross Value of Fixed Assets - 1988 * (See Reporting Guide, page 2)		Gross Book Value (Accumulated Capital Cost)	Accumulated Deprecation
		800	XXXXXXXXXX
		000.00	XXXXXXXXXX
1. (a) Land		802	803
(b) Residential Construction		000.00	000.00
		804	805
		000.00	000.00
2. (a) Non-Residential Construction		806	807
		000.00	000.00
(b) Machinery and Equipment		808	809
		000.00	000.00
TOTAL (SUM OF 2A + 2B)		804 + 806	805 + 807
SECTION H: Capacity Utilization - Manufacturing Operations Only			%
For the year 1988, this plant operated at what percentage of its capacity?			820
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 1988 output.			
IF REPORTING EXPENDITURES FOR OTHER ASSET GROUPS (CODES ENDING IN 99) PLEASE DESCRIBE			
ACTUAL 1988			
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	
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, Statutes of Canada, 1970-71-72, Chapter 15 under Section 10 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 11 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 11 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
Address (if different from mailing address)		Telephone number	



REPORTING GUIDE

Survey on Capital and Repair Expenditures

Actual 1988

GENERAL INSTRUCTIONS

1. REPORTS REQUIRED:

- (a) Reports are required for operations located in Canada.
- (b) Separate reports should be completed:
 - (1) by plant location for each type of manufacturing activity.
 - (2) by province for each type of non-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) Shaded areas indicate that no response is required.
- (e) Pre-printed numbers 100 to 820 are for identification purposes.

3. DEFINITIONS:

The symbol * indicates that a definition is provided in the reporting guide.

4. QUESTIONS:

If any questions should arise during completion of this form.

- PLEASE CALL COLLECT the:

Capital Expenditures Section (613) 951-9815

- Telex - STAT CAN OTT 053 3585

5. FILING OF RETURN:

Please send the completed questionnaire in the enclosed envelope to:

- Science, Technology and
Capital Stock Division
Statistics Canada
Ottawa (Ontario) K1A 0T6

or

- Fax (613) 951-7473
(613) 952-1251

Capital Expenditures Section
Science, Technology and
Capital Stock Division

INSTRUCTIONS ON SECTIONS

PAGE 1

ORGANIZATION IDENTIFICATION

The printed label on page 1 indicates the most current identification of your organization on our files. Please use the appropriate space below the label to make any changes that would reflect a better description of your operations for this particular report.

LABEL INFORMATION

1. Type of Ownership

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, 1988 and March 31, 1989. The following are acceptable report periods:

May 1987 - April 1988(04/88) Aug. 1987 - July 1988(07/88)
June 1987 - May 1988(05/88) Sept. 1987 - Aug. 1988(08/88)
July 1987 - June 1988(06/88) Oct. 1987 - Sept. 1988(09/88)

Nov. 1987 - Oct. 1988(10/88) Feb. 1988 - Jan. 1989(01/89)
Dec. 1987 - Nov. 1988(11/88) Mar. 1988 - Feb. 1989(02/89)
Jan. 1988 - Dec. 1988(12/88) April 1988 - Mar. 1989(03/89)

PAGE 2

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 the Reporting Guide page 3.
- (b) If you have purchased more than one asset in a particular asset group, report them separately or combine the data and provide a weighted average.
- (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 B, please photocopy the relevant Section(s) and attach to questionnaire.

4. SECTIONS C AND D:

If your disposals/sales or capital expenditures 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 the section only if this report shows significant changes from the capital expenditures reported previously on the "Preliminary Estimate 1988" (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

PAGE 2

SECTION A: Capital and Repair Expenditures

1. Capital Expenditures (columns 2, 3, 4 and 5)

New Assets, Renovation, Retrofit, includes both existing assets being upgraded and additions of new assets.

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 capitalized costs such as feasibility studies, architectural, legal, installation and engineering fees as well as work done by your own labour force. Capitalized interest charges on loans with which capital projects are financed should be included.

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.

Column 3 - Purchase of Used Fixed Assets

Definition: Used fixed assets may be defined as existing buildings, structure 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 acquisition would not change the aggregates of our domestic inventory of fixed assets; it 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 with the New Assets columns because they are newly acquired for the Canadian economy.

2. Land

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

3. Residential Construction (excluding land)

Report the value 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.

4. Capital Expenditures for Non-Residential Construction (excluding land 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) township 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.

5. 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 hold-backs should be reported in the year the cost is incurred. (See EXCLUDE under Definitions no. 1.)

6. Expected Useful Life of Assets (column 6)

Column 6 requires the number of years of expected useful life for new assets reported in Column 2 and/or 4 regardless of their lives used for income tax purposes. If you have purchased similar assets with varying lives, report them separately or combine the data and provide a weighted average.

7. Expected Remaining Useful Life of Assets (column 7)

Column 7 requires the number of years expected to remain in the life of the used assets reported in column 3 at the time of acquisition. If you have purchased similar assets with varying lives, report them separately or combine the data and provide a weighted average.

8. Non-Capitalized Repair and Maintenance Expenditures (No. 1)

Report the gross non-capitalized repair expenditures on non-residential buildings, other structures and on machinery. Include the value of repair work done by your own employees, as well as payments to persons outside your employ. Maintenance expenditures may also include the routine care of assets such as janitorial service, snow removal, sealing and sanding, oil change and lubrication of vehicles and other machinery. This question represents non-capitalized expenditures in contrast to the capitalized expenditures of column 4 (Renovation, Retrofit, Refurbishing, Overhauling, Rehabilitation).

PAGE 3

SECTION B: Disposals/Sales of Fixed Assets

Report those fixed assets which are disposed, sold, retired, destroyed or otherwise discarded 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.

1. Accumulated Capital Cost (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 organization during the reporting period.

3. Robots (Question 6)

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 behavior.

PAGE 4

SECTION G: Gross Value of Fixed Assets - End of 1988

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.

- 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) Robotized/Computerized-Assisted Assets are assets that possess the ability to be programmed for a wide variety of functions and, to a degree, adjust their behavior 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 useful life of this new asset is expected to be 40-years. The reporting of the information in Section A would be as follows

	(1)	\$'000 (2)	\$'000 (3)	\$'000 (4)	\$'000 (5)	Years (6)	Years (7)
111	1 0 1 3	8,555			8,555	40	

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, book shelves) and machines (e.g. calculators, typewriters, photocopiers) NOTE: Communication 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 land 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	2201	TRANSPORTATION	6007	Safety and security equipment (includes firearms)		
1008	Maintenance garages, workshops, equipment storage facilities	2202	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)		TRANSPORTATION EQUIPMENT		
1017	Parking lots and parking garages	2402	Trunk and distribution mains	6201	Automobiles and major replacement parts		
1018	Theatres, performing arts and cultural centres	2499	Other waterworks construction	6202	Buses (all types) and major replacement parts		
1019	Indoor recreational buildings such as sport complexes, clubhouses, covered stadiums	2601	SEWAGE SYSTEMS	6203	Trucks, vans, truck tractors, truck trailers and major replacement parts		
1020	Outdoor recreational facilities such as parks, open stadiums, golf courses and ski resorts	2602	Sewage treatment and disposal plants including pumping stations	6204	All-terrain vehicles and major replacement parts		
1021	Farm buildings	2602	Sanitary and storm sewers, trunk and collection lines, open storm ditches and laterals	6205	Locomotives, rolling stock, street and subway cars, other rapid transit and major replacement parts		
1099	Other industrial and commercial	2603	Lagoons	6206	Ships and boats and major replacement parts		
	INSTITUTIONAL AND GOVERNMENTAL	2699	Other sewage system construction	6207	Aircraft, helicopters, aircraft engines and other major replacement parts		
1201	Schools (including technical, vocational), colleges, universities and other educational buildings		ELECTRIC POWER	6299	Other transportation equipment		
1202	Student residences (exclude residential construction)	2801	Electric power construction		ROBOTIZED/COMPUTERIZED-ASSISTED PROCESS MACHINERY AND EQUIPMENT		
1203	Churches and other religious buildings	3001	COMMUNICATION	6401	For material handling		
1204	Hospitals, health centres, clinics and other health care (exclude residential construction)	3002	Broadcasting and communication buildings	6402	For the production process		
1205	Nursing homes, homes for the aged	3003	Telephone and cablevision lines, underground and marine cables	6403	For all types of communication systems (radio, television, telephone, microwave and cable)		
1206	Day care centres	3099	Communication towers, antennae, earth stations including dishes for satellite receiving, microwave relay	6499	Other robotized/computerized-assisted process machinery and equipment		
1207	Libraries		Other communication		CONVENTIONAL (non-robotized/non-computerized-assisted)		
1208	Historical sites	3201	OIL AND GAS WELLS, STORAGE AND DISTRIBUTION	6601	For material handling (e.g. lift truck)		
1209	Penitentiaries, detention centres and courthouses	3202	Gas mains and services	6602	For the production process		
1210	Museums, science centres, public archives	3203	Pumping stations, oil	6603	For communication systems (radio, television, telephone, microwave and cable)		
1211	Fire stations, halls	3204	Pumping stations, gas		OTHER MACHINERY AND EQUIPMENT		
1212	Post offices	3205	Bulk storage tanks	8999	Other machinery and equipment (not specified elsewhere)		
1213	Waste disposal facilities	3206	Oil pipelines				
1214	Armouries, barracks, drill halls and other similar military type structures	3299	Gas pipelines				
1299	Other institutional and governmental		Other oil and gas facilities				
			OTHER CONSTRUCTION				
			Other construction (not specified elsewhere)				

ASSET DESCRIPTION AND CODES - Mining

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

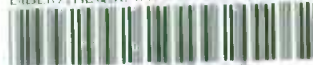
- a) **Construction structures** should be classified to an asset according to its principal use unless it is a multi-purpose structure where we would like you to separate the components. The cost of any machinery and equipment which is an integral or built-in feature of the structure (i.e. elevator, 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) **Robotized/computerized assisted assets** are assets that possess the ability to be programmed for a wide variety of functions and, to a degree, adjust their behavior in response to changes in their physical environment. Includes robots, numerically controlled machine tool equipment and individual computerized machines.

Example: Your company has had a core storage built during the reporting period, and the construction cost was \$8,000,000.00. The useful life of this new asset is expected to be 40 years. The reporting of the information in Section 2 would be as follows:

	(1)	\$ (2)	\$ (3)	\$ (4)	\$ (5)	Years (6)	Years (7)
194	1 0 0 6	195 8,000,000	196	197 -	198 8,000,000	199 40	200

CONSTRUCTION		MACHINERY AND EQUIPMENT	
CODE	INDUSTRIAL AND COMMERCIAL	CODE	GENERAL MACHINERY AND EQUIPMENT
1005	Pollution abatement and control	6001	Office furniture, furnishings (e.g., desks, chairs, book shelves) and machines (e.g., calculators, typewriters, photocopiers)
1006	Warehouses, refrigerated storage, freight terminals		N.B. Communication equipment should be reported in 6403 or 6603
1008	Maintenance garages, workshops, storage facilities	6002	Computers, associated hardware including software and word processors excluding computers for production process
1013	Office buildings	6003	Non-office furniture, furnishings and fixtures (e.g., recreational equipment, restaurant/kitchen equipment)
1022	Bunkhouses, dormitories, camp cookeries, camps	6004	Scientific, professional and medical devices (including measuring, controlling and laboratory equipment)
1099	Other industrial and commercial	6005	Heating, electrical, plumbing, air conditioning and refrigeration equipment (additions only, see instruction above)
	MARINE CONSTRUCTION	6006	Pollution abatement and control equipment
2001	Docks, wharves, piers, terminals (coal, oil, natural gas, container, general cargo)	6007	Safety and security equipment (e.g., mine lamps, self rescuers)
2099	Other marine construction	6009	Motors, generators, transformers, turbines, compressors and pumps of all types (e.g., dewatering pumps) (additions only, see instruction above)
	TRANSPORTATION	6010	Heavy mining equipment (e.g., tunnel boring, longwall cutters, mining machine, roofbolting machine)
2202	Highways, roads, streets, including logging roads (also include signs, guardrails, lighting, landscaping, sidewalks, fences)	6011	Tractors of all types and other field equipment (truck tractors - see asset code 6203 below)
2204	Rail track and roadbeds including signals and interlockers	6012	Capitalized tooling and other tools (hand, power, industrial)
2299	Other transportation	6013	Drilling and blasting (e.g., jumbos, jack-leg, down the hole, rockbreakers)
	WATERWORKS	6015	Industrial containers (transportable type used for transporting materials, liquids and gases)
2402	Trunk and distribution mains	6027	Raise borers, raise climbers
2412	Water pumping stations and filtration plants	6028	Underground load, haulage and dump equipment (e.g., slusher, muck cars)
2413	Water storage tanks	6029	Mine hoists, cages, ropes and skips
2499	Other waterworks construction		TRANSPORTATION EQUIPMENT
	SEWAGE SYSTEMS	6201	Automobiles and major replacement parts
2601	Sewage treatment and disposal plants including pumping stations	6203	Trucks, vans, truck tractors, truck trailers and major replacement parts
2602	Sanitary and storm sewers, trunk and collection lines, open storm ditches and laterals	6204	All-terrain vehicles and major replacement parts
2699	Other sewage system construction	6205	Locomotives, rolling stock, and major replacement parts
	ELECTRIC POWER	6207	Aircraft, helicopters, aircraft engines and other major replacement parts
2801	Electric power construction	6299	Other transportation equipment
	MINING		
3401	Mine buildings including headframes, ore bins, ventilation structures, backfill plants and other surface buildings		ROBOTIZED/COMPUTERIZED ASSISTED PROCESS MACHINERY AND EQUIPMENT
3402	Mine buildings for beneficiation treatment of minerals (excluding smelters and refineries)	6401	For material handling (e.g., conveyors)
3403	Mine shafts, drifts, raises, adits and other below surface workings (e.g., declines, ramps)	6403	For all types of communication systems (telephone, microwave and cable)
3404	Tailing disposal systems, settling ponds	6410	Production process - Crushers, grinders
	OTHER CONSTRUCTION	6411	Production process - Flotation, cyanidation
5999	Other construction (not specified elsewhere)	6412	Production process - Gravitational concentrating devices
		6413	Production process - other
		6499	Other robotized/computerized assisted process machinery and equipment
			CONVENTIONAL (non-robotized/computerized assisted)
		6601	For material handling (e.g., conveyors, lift trucks)
		6603	For communication systems (telephone, microwave and cable)
		6610	Production process - Crushers, grinders
		6611	Production process - Flotation, cyanidation
		6612	Production process - Gravitational concentrating devices
		6613	Production process - other
			OTHER MACHINERY AND EQUIPMENT
		8999	Other machinery and equipment (not specified elsewhere)

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