



**Investment and
Capital Stock
Division**

**Division de
l'investissement et
du stock de capital**

Capital Expenditures on Machinery and Equipment

By Type of Asset

1989

64F0002E

1989

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Statistics
Canada

Statistique
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Canada

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Appendix

Copy of General Questionnaire

Reporting Guide - General Questionnaire

Asset Description and Codes

Note to Users

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

These data are now available for the 1989 survey for 55 industries, which represent 87% of the all-industry total of \$50.7 billion, published in Private and Public Investment in Canada, Intentions 1991 (Daily - February 27, 1991).

Comparable data are also available for 1985-1988. Agriculture industry was included for the first time in 1989. To complete the coverage, further industries will be added in succeeding years.

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)

1989 Actual Expenditures

Sectors	Detail by Asset		
	Published Total Capital Machinery and Equipment	Included for 1989	To Be Obtained in Later Phases
	millions of dollars		
Agriculture	2,001	2,001	
Fishing	118		118
Forestry	163	163	
Mining	1,155	862	293
Construction Industry	1,716		1,716
Manufacturing	16,971	16,971	
Utilities	9,989	5,828	
Pipelines			343
Electric Power			3,818
Trade, Finance, Commercial	14,380	14,380	
Institutions	1,394	1,105	
Schools (Municipal & Provincial)			288
Government Departments	2,828	2,828	
Total	50,714	44,138	6,576
Percentage of Published Total	100%	87%	13%

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

HIGHLIGHTS

Manufacturing

- * In the Manufacturing sector, capital expenditures on machinery and equipment increased by 17.6% (\$2,545 million) from 1988 to 1989, largely in response to the 18.8% (\$1,806 million) increase in processing equipment
- * The expenditures on conventional processing equipment in the manufacturing sector reached \$9,106.3 million in 1989, while expenditures on computer-assisted equipment stood at \$2,284 million.

Utilities

- * Capital expenditures on machinery and equipment decreased by 8.6% (-\$547 million) from 1988 to 1989 in the Utilities sector, mainly due to a 64.0% decrease (-\$1,016 million) for aircraft, helicopters, engines and parts. In contrast, communication and related equipment rose by 8.7% (\$239 million), and computer hardware and word processors, by 30.7% (\$75 million).

Trade, Finance, Commercial

- * Capital expenditures on machinery and equipment increased by 15.6% (\$1,945 million) from 1988 to 1989 in the Trade, Finance and Commercial Sector. This is attributable to a large extent to increases for computer hardware and word processors (\$1,240 million, 59.5%), automobiles and major replacement parts (\$250 million, 5.8%) and office furniture (\$154 million, 8.5%).

Institutions and Governments

- * The increase of 14.7% (\$503 million) on machinery and equipment for Institutions and Government Departments was largely due to a \$179 million (24.9%) gain in computer hardware and word processors and a \$62 million (8.4%) increase in scientific, professional and medical devices.

Provinces and Territories

- * Expenditures on machinery and equipment increased in all provinces and territories from 1988 to 1989, with the exception of Saskatchewan. The largest increases were observed in Quebec (\$1,543 million, 18.2%), Ontario (\$1,403 million, 7.8%) and British Columbia (\$774 million, 17.6%).

TABLE 1, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
BY SECTOR, BY TYPE OF ASSET

1989
(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.....	237.7	40.0	53.1	4,595.2	183.7	5,109.7
BUSES AND MAJOR REPLACEMENT PARTS.....	0.9	-	208.6	121.5	5.4	336.4
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	480.9	128.8	465.6	867.8	250.6	2,193.7
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	2.7	X	23.6	X	4.8	31.8
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	X	357.0	44.4	-	435.5
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	X	29.8	216.7	X	171.3	422.2
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	X	570.7	144.1	5.9	746.9
OTHER TRANSPORTATION EQUIPMENT.....	X	X	52.5	4.7	11.1	78.8
SUB-TOTAL.....	736.5	259.6	1,947.9	5,778.1	632.7	9,354.8
GENERAL MACHINERY AND EQUIPMENT						
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	3.2	226.0	92.3	1,970.2	386.1	2,677.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	17.8	504.0	318.6	3,324.8	898.7	5,063.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	X	45.3	X	1,511.1	226.0	1,796.5
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	5.1	104.6	26.9	168.7	799.2	1,104.5
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	17.5	164.8	77.8	42.2	29.3	331.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	6.3	458.4	2.5	0.6	20.1	487.9
SAFETY AND SECURITY EQUIPMENT.....	2.9	37.5	2.4	11.7	39.1	93.6
SANITATION EQUIPMENT.....	-	X	5.8	X	9.3	22.7
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	39.4	249.8	26.5	172.8	28.9	517.4
HEAVY CONSTRUCTION EQUIPMENT.....	356.6	42.6	6.9	390.5	104.4	901.0
TRACTORS, FARM EQUIPMENT.....	1,423.6	X	X	19.8	21.2	1,498.5
CAPITALIZED TOOLING AND OTHER TOOLS.....	9.7	926.8	35.7	26.5	16.6	1,015.3
DRILLING AND BLASTING EQUIPMENT.....	32.8	X	-	X	-	51.2
INDUSTRIAL CONTAINERS.....	X	12.4	X	21.7	-	35.6
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	38.2	-	-	-	-	38.2
MINE HOISTS, CAGES, ROPES AND SKIPS.....	16.7	-	-	-	-	16.7
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	57.5	150.3	95.8	243.1	9.5	556.2
PROCESSING EQUIPMENT.....	206.1	11,390.4	14.0	184.8	11.8	11,807.1
COMMUNICATION AND RELATED EQUIPEMENT.....	6.3	33.8	2,993.9	166.7	377.4	3,578.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	48.2	114.6	6.4	114.8	323.1	607.1
SUB-TOTAL.....	2,288.7	14,481.1	3,741.8	8,388.7	3,300.7	32,201.0
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....		2,232.0	137.8	212.6		2,582.4
TOTAL.....	3,025.2	16,972.6	5,827.5	14,379.4	3,933.4	44,138.1

TABLE 2.1, PROCESSING EQUIPMENT - MANUFACTURING SECTOR
COMPUTER-ASSISTED / CONVENTIONAL
BY PROVINCE AND TERRITORIES
ACTUAL 1987, 1988, 1989
(MILLIONS OF DOLLARS)

PROVINCE	YEAR	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
		\$	%	\$	%	\$
NEWFOUNDLAND	1987	5.7	7.4	71.2	92.6	76.9
	1988	4.5	5.0	86.0	95.0	90.5
	1989	4.7	6.8	64.6	93.2	69.3
PRINCE EDWARD ISLAND	1987	0.3	4.5	6.3	95.5	6.6
	1988	1.2	10.7	10.0	89.3	11.2
	1989	0.4	5.2	7.3	94.8	7.7
NOVA SCOTIA	1987	57.2	25.0	171.6	75.0	228.8
	1988	159.6	44.1	202.3	55.9	361.9
	1989	129.0	37.8	212.5	62.2	341.5
NEW BRUNSWICK	1987	X	X	X	X	153.3
	1988	54.0	16.9	265.7	83.1	319.7
	1989	91.6	16.8	454.9	83.2	546.5
QUEBEC	1987	516.8	22.1	1,825.4	77.9	2,342.2
	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
ONTARIO	1987	943.9	23.2	3,121.4	76.8	4,065.3
	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
MANITOBA	1987	16.9	19.4	70.2	80.6	87.1
	1988	16.7	16.8	82.5	83.2	99.2
	1989	30.8	17.3	146.9	82.7	177.7
SASKATCHEWAN	1987	X	X	X	X	208.5
	1988	4.4	1.8	238.6	98.2	243.0
	1989	25.7	13.6	163.3	86.4	189.0
ALBERTA	1987	119.9	34.3	229.7	65.7	349.6
	1988	101.1	16.6	507.6	83.4	608.7
	1989	84.4	10.5	720.0	89.5	804.4
BRITISH COLUMBIA	1987	188.6	22.5	648.6	77.5	837.2
	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
TERRITORIES	1987	-	-	0.2	100.0	0.2
	1988	0.1	12.5	0.7	87.5	0.8
	1989	0.1	16.7	0.5	83.3	0.6
CANADA	1987	1,886.0	22.6	6,469.5	77.4	8,355.5
	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

TABLE 2.2, PROCESSING EQUIPMENT - MANUFACTURING SECTOR
COMPUTER-ASSISTED / CONVENTIONAL
BY INDUSTRY
ACTUAL 1989
(MILLIONS OF DOLLARS)

INDUSTRY	COMPUTER-ASSISTED		CONVENTIONAL		TOTAL
	\$	%	\$	%	
FOOD AND BEVERAGES	94.5	11.4	735.1	88.6	829.6
RUBBER AND PLASTICS	92.4	22.2	323.5	77.8	416.0
TEXTILES	30.3	13.2	199.0	86.8	229.3
WOOD	144.9	31.5	315.8	68.5	460.7
PAPER AND ALLIED INDUSTRIES	515.8	12.5	3,597.2	87.5	4,112.9
PRINTING AND PUBLISHING	59.0	17.1	285.4	82.8	344.5
PRIMARY METAL	426.3	30.4	977.8	69.6	1,404.1
METAL FABRICATING	74.7	27.5	196.7	72.5	271.4
MACHINERY	90.5	35.0	168.2	65.0	258.7
TRANSPORTATION EQUIPMENT	320.6	29.5	766.2	70.5	1,086.8
ELECTRICAL PRODUCTS	128.0	42.3	174.8	57.7	302.8
NON-METALLIC MINERALS	14.7	3.8	370.9	96.2	385.6
PETROLEUM & COAL PRODUCTS	40.4	20.7	154.3	79.3	194.7
CHEMICALS	183.1	21.5	668.4	78.5	851.5
MISC. MANUFACTURING	34.9	30.5	79.6	69.5	114.5
OTHER MANUFACTURING INDUSTRIES	33.9	26.6	93.6	73.4	127.5
MANUFACTURING TOTAL	2,284.0	20.1	9,106.3	79.9	11,390.4

TABLE 3, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
 AGRICULTURE, FORESTRY AND MOST OF MINING
 BY INDUSTRY, BY TYPE OF ASSET
 1989
 (MILLIONS OF DOLLARS)

	AGRICULTURE	FORESTRY	GOLO MINES	COPPER GOLO SILVER MINES	SILVER LEAD ZINC MINES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	231.7	0.6	X	X	-
BUSES AND MAJOR REPLACEMENT PARTS.....	-	0.9	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	410.6	24.1	4.8	3.1	X
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	0.5	0.3	X	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	X	X	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	X	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	X	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	-	X	X	-	-
SUB-TOTAL.....	642.4	34.0	7.5	3.9	2.7
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	-	0.8	0.5	0.1	0.6
COMPUTER HARWARE AND WORD PROCESSORS.....	-	3.8	X	3.1	1.6
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	0.1	-	-	-
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	1.1	1.1	0.2	0.6
HEATING, ELECTRICAL, PLUMBING, AIR CONOITIONING.....	-	0.2	4.8	2.0	0.9
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	X	1.2	X	0.3
SAFETY AND SECURITY EQUIPMENT.....	-	X	0.8	X	0.3
SANITATION EQUIPMENT.....	-	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	1.0	13.5	7.0	1.1
HEAVY CONTRUCTION EQUIPMENT.....	-	52.2	87.5	66.4	11.4
TRACTORS, FARM EQUIPMENT.....	1,358.3	31.3	X	X	0.9
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	1.6	1.2	0.3	0.4
DRILLING AND BLASTING EQUIPMENT.....	-	X	8.3	X	2.2
INDUSTRIAL CONTAINERS.....	-	-	-	X	-
UNDERGROUND LOAD, HAULAGE AND OUMP EQUIPMENT.....	-	-	17.9	X	X
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	8.2	X	X
MATERIAL HANOLING AND CONVEYING EQUIPMENT.....	-	11.9	X	X	3.1
PROCESSING EQUIPMENT.....	-	12.6	15.6	4.0	45.0
COMMUNICATION AND RELATED EQUIPEMENT.....	-	1.9	1.0	X	1.1
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	-	9.6	7.4	X	1.2
SUB-TOTAL.....	1,358.3	128.8	176.9	98.4	76.9
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	2,000.7	162.8	184.4	102.3	79.6

TABLE 3, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
 AGRICULTURE, FORESTRY AND MOST OF MINING
 BY INDUSTRY, BY TYPE OF ASSET
 1989
 (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.....	0.6	1.8	0.5	237.7
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	0.9
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	22.6	11.4	2.0	480.8
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	X	0.2	-	2.6
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	X	-	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	X
OTHER TRANSPORTATION EQUIPMENT.....	0.5	X	-	X
SUB-TOTAL.....	26.1	17.5	2.5	736.6
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	X	X	0.1	3.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	3.3	3.9	X	17.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.1	X	-	X
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	1.1	0.9	-	5.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	3.1	6.6	-	17.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	1.8	-	6.2
SAFETY AND SECURITY EQUIPMENT.....	0.7	0.8	-	2.9
SANITATION EQUIPMENT.....	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	8.3	8.5	-	39.4
HEAVY CONSTRUCTION EQUIPMENT.....	16.0	122.0	1.1	356.6
TRACTORS, FARM EQUIPMENT.....	6.4	19.4	-	1,423.8
CAPITALIZED TOOLING AND OTHER TOOLS.....	1.1	5.2	-	9.8
DRILLING AND BLASTING EQUIPMENT.....	7.8	3.3	8.7	32.7
INDUSTRIAL CONTAINERS.....	-	-	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	6.8	6.6	-	38.2
MINE HOISTS, CAGES, ROPES AND SKIPS.....	X	2.9	-	16.7
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	12.2	22.6	-	57.5
PROCESSING EQUIPMENT.....	85.4	43.4	-	206.0
COMMUNICATION AND RELATED EQUIPEMENT.....	1.3	X	-	6.2
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	26.0	3.3	X	48.2
SUB-TOTAL.....	186.3	252.5	10.5	2,288.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	212.4	270.0	13.0	3,025.2

TABLE 4. CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	FOOD AND BEVERAGES	RUBBER AND PLASTICS	TEXTILES	WOOD	PAPER AND ALLIED INDUSTRIES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	12.0	1.0	0.2	1.1	0.5
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	37.1	6.7	0.6	10.1	10.8
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	0.4	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	-	-	-	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	25.2	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	X
OTHER TRANSPORTATION EQUIPMENT.....	X	-	-	1.4	1.2
SUB-TOTAL.....	74.9	7.8	0.8	13.0	19.1
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	28.2	6.7	2.4	8.4	11.3
COMPUTER HARDWARE AND WORD PROCESSORS.....	42.8	20.1	7.4	4.4	37.6
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	19.4	0.3	0.2	0.5	2.2
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	3.3	1.5	1.1	-	7.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	37.1	3.6	1.1	3.8	39.1
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	9.0	0.3	0.2	12.0	140.2
SAFETY AND SECURITY EQUIPMENT.....	5.9	0.4	0.1	0.3	5.5
SANITATION EQUIPMENT.....	2.5	-	-	-	X
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	21.0	0.3	0.1	1.9	53.8
HEAVY CONSTRUCTION EQUIPMENT.....	0.3	X	-	4.1	5.2
TRACTORS, FARM EQUIPMENT.....	0.8	-	-	X	5.8
CAPITALIZED TOOLING AND OTHER TOOLS.....	3.8	12.7	2.7	8.6	10.3
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	0.5	X	-	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	20.0	X	0.5	12.8	32.2
PROCESSING EQUIPMENT.....	829.6	416.0	229.3	460.7	4,112.9
COMMUNICATION AND RELATED EQUIPMENT.....	1.7	X	0.1	2.0	3.1
OTHER MACHINERY AND EQUIPMENT (N.E.S.).....	21.1	5.7	1.8	X	13.5
SUB-TOTAL.....	1,046.8	477.3	246.8	528.4	4,481.7
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	1,121.7	485.0	247.6	541.4	4,500.8

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	PRINTING AND PUBLISHING	PRIMARY METAL	METAL FABRICATING	MACHINERY	TRANSPORTATION EQUIPMENT
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	1.5	0.6	0.7	0.6	6.1
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	2.8	19.1	6.0	1.5	2.0
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	1.8	-	-	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-	X
OTHER TRANSPORTATION EQUIPMENT.....	-	0.9	0.1	0.6	-
SUB-TOTAL.....	4.4	22.5	6.8	2.8	44.3
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	17.7	7.8	8.7	15.9	20.4
COMPUTER HARDWARE AND WORD PROCESSORS.....	16.9	37.0	12.0	51.0	56.6
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	9.3	1.0	0.1	1.0	0.6
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.3	7.8	0.6	3.2	4.6
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.2	7.7	0.9	0.1	12.8
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	2.3	171.1	10.0	0.4	12.3
SAFETY AND SECURITY EQUIPMENT.....	-	1.8	0.7	0.4	12.2
SANITATION EQUIPMENT.....	-	X	-	-	0.3
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.3	26.7	5.0	1.7	7.8
HEAVY CONSTRUCTION EQUIPMENT.....	-	3.6	-	0.5	X
TRACTORS, FARM EQUIPMENT.....	-	X	-	X	0.4
CAPITALIZED TOOLING AND OTHER TOOLS.....	1.0	3.6	12.9	17.6	816.6
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	X	-
INDUSTRIAL CONTAINERS.....	-	0.3	-	-	X
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	1.3	26.2	6.4	2.8	26.2
PROCESSING EQUIPMENT.....	344.5	1,404.1	271.4	258.7	1,086.8
COMMUNICATION AND RELATED EQUIPEMENT.....	0.8	X	0.9	0.5	1.2
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	6.5	3.5	4.3	4.4	14.7
SUB-TOTAL.....	401.0	1,706.9	333.8	361.4	2,074.5
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	405.4	1,729.5	340.6	364.2	2,118.7

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	ELECTRICAL PRODUCTS	NON-METALLIC MINERALS	PETROLEUM AND COAL PRODUCTS	CHEMICALS
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	4.8	1.2	-	3.8
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.8	15.8	6.3	7.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	0.2	-	-	1.4
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	X	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	0.4
OTHER TRANSPORTATION EQUIPMENT.....	-	X	-	0.4
SUB-TOTAL.....	5.8	20.3	6.3	13.4
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	36.1	0.6	6.9	32.6
COMPUTER HARDWARE AND WORD PROCESSORS.....	77.8	9.2	35.2	64.1
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	3.4	0.1	X	X
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	35.4	0.6	1.5	35.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	12.5	1.2	0.2	39.8
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	1.2	4.1	X	93.5
SAFETY AND SECURITY EQUIPMENT.....	1.9	0.5	1.3	5.9
SANITATION EQUIPMENT.....	0.2	-	-	0.3
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	4.1	3.8	77.5	45.5
HEAVY CONSTRUCTION EQUIPMENT.....	0.2	11.2	4.8	2.5
TRACTORS, FARM EQUIPMENT.....	-	1.0	-	0.7
CAPITALIZED TOOLING AND OTHER TOOLS.....	18.0	0.9	0.3	6.2
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	0.2	-	-	9.9
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	2.3	5.4	X	10.9
PROCESSING EQUIPMENT.....	302.8	385.6	194.7	851.5
COMMUNICATION AND RELATED EQUIPEMENT.....	13.3	0.3	X	7.2
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	3.1	2.8	X	X
SUB-TOTAL.....	512.4	427.3	329.0	1,225.2
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	518.2	447.6	335.3	1,238.6

TABLE 4, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
MANUFACTURING
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	MISCELLANEOUS MANUFACTURING	OTHER MANUFACTURING INDUSTRIES	CAPITAL CHARGED TO OPERATING	MANUFACTURING TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	X	-	39.9
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	1.2	0.5	-	128.8
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	X
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	29.9
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	X	-	X
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	X
SUB-TOTAL.....	X	X	-	259.8
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	13.8	8.3	-	225.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	19.1	13.0	-	504.2
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.9	0.2	-	45.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	2.2	0.3	-	104.4
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	4.0	0.7	-	164.8
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.5	X	-	458.6
SAFETY AND SECURITY EQUIPMENT.....	0.5	-	-	37.4
SANITATION EQUIPMENT.....	-	-	-	X
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	0.4	-	249.9
HEAVY CONSTRUCTION EQUIPMENT.....	1.4	-	-	42.6
TRACTORS, FARM EQUIPMENT.....	-	-	-	X
CAPITALIZED TOOLING AND OTHER TOOLS.....	6.7	5.1	-	927.0
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	X
INDUSTRIAL CONTAINERS.....	0.5	-	-	12.4
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.3	0.6	-	150.4
PROCESSING EQUIPMENT.....	114.5	127.5	-	11,390.6
COMMUNICATION AND RELATED EQUIPEMENT.....	X	-	-	33.8
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	5.3	1.7	-	114.8
SUB-TOTAL.....	X	X	-	14,481.1
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			2,232.0	2,232.0
TOTAL.....	176.0	170.1	2,232.0	16,972.7

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
UTILITIES
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	AIR TRANSPORT	RAIL TRANSPORT	WATER TRANSPORT AND SERVICES	MOTOR TRANSPORT
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	3.4	0.5	1.0
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	68.8
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	2.5	16.7	X	288.4
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	22.5	-	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	140.7	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	216.7	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	7.9	42.4	X	X
SUB-TOTAL.....	579.2	225.6	219.8	360.1
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	3.5	X	1.4	9.5
COMPUTER HARDWARE AND WORD PROCESSORS.....	12.5	17.5	3.4	12.0
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	X	-	0.1	9.7
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	0.1	-	0.1	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.1	-	0.4	0.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	0.6	-
SAFETY AND SECURITY EQUIPMENT.....	-	-	0.7	0.4
SANITATION EQUIPMENT.....	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	X	0.5	0.9
HEAVY CONSTRUCTION EQUIPMENT.....	-	X	0.3	-
TRACTORS, FARM EQUIPMENT.....	0.4	-	X	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	3.5	X	X	1.8
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	X	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	0.5	0.3	18.7	2.1
PROCESSING EQUIPMENT.....	X	6.6	-	-
COMMUNICATION AND RELATED EQUIPMENT.....	1.7	7.6	1.3	1.0
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	0.2	-	0.1	1.6
SUB-TOTAL.....	23.6	37.0	30.8	39.2
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	602.9	262.6	250.7	399.3

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
UTILITIES
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	URBAN TRANSIT SYSTEMS	GRAIN ELEVATORS	BROADCASTING	TELEPHONE AND TELEGRAPH
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	-	5.5	X
BUSES AND MAJOR REPLACEMENT PARTS.....	139.8	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	4.7	X	3.8	85.3
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	216.3	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT.....	X	-	X	-
SUB-TOTAL.....	363.3	X	X	115.8
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	1.9	X	16.2	49.5
COMPUTER HARDWARE AND WORD PROCESSORS.....	8.8	0.2	22.1	213.2
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	0.1	-	3.5	X
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	X	-	1.0	16.1
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	3.1	-	-	-
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	0.1	1.2	-	-
SAFETY AND SECURITY EQUIPMENT.....	0.7	-	X	-
SANITATION EQUIPMENT.....	X	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	0.4	-	1.5
HEAVY CONSTRUCTION EQUIPMENT.....	X	-	-	-
TRACTORS, FARM EQUIPMENT.....	X	-	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	7.2	-	1.8	13.6
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	X	66.0	-	X
PROCESSING EQUIPMENT.....	X	-	2.8	-
COMMUNICATION AND RELATED EQUIPMENT.....	1.6	-	179.0	2,798.7
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	X	-	0.4	-
SUB-TOTAL.....	27.4	X	X	3,092.9
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	390.6	70.0	236.7	3,208.7

TABLE 5, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
UTILITIES
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	GAS DISTRIBUTION	OTHER UTILITIES	CAPITAL CHARGED TO OPERATING	UTILITIES TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	10.6	X	-	53.1
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	208.6
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	X	X	-	465.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	23.6
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	357.0
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	216.7
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	-	-	570.8
OTHER TRANSPORTATION EQUIPMENT.....	-	-	-	52.6
SUB-TOTAL.....	15.8	57.7	-	1,947.9
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	6.4	0.5	-	92.3
CDMPUTER HARDWARE AND WORD PROCESSORS.....	27.6	1.3	-	318.6
NDN-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	0.1	-	X
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	X	0.9	-	27.0
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	73.8	-	-	77.7
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	0.7	-	2.6
SAFETY AND SECURITY EQUIPMENT.....	-	X	-	2.4
SANITATION EQUIPMENT.....	-	X	-	5.8
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	0.3	-	26.7
HEAVY CONSTRUCTION EQUIPMENT.....	2.9	1.9	-	6.8
TRACTORS, FARM EQUIPMENT.....	-	X	-	X
CAPITALIZED TOOLING AND OTHER TOOLS.....	5.2	0.8	-	35.7
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.....	-	7.9	-	95.7
PROCESSING EQUIPMENT.....	-	3.5	-	13.9
COMMUNICATION AND RELATED EQUIPEMENT.....	2.8	0.1	-	2,993.8
OTHER MACHINERY AND EQUIPMENT(IN.E.S.).....	X	0.6	-	6.5
SUB-TOTAL.....	150.3	44.5	-	3,741.8
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....			137.8	137.8
TOTAL.....	166.1	102.2	137.8	5,827.6

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
TRADE, FINANCE AND COMMERCIAL
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	WHOLESALE	DEPARTMENT STORES	CHAIN STORES	AUTOMOTIVE TRADE	COMBINATION FOOD STORES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	34.3	-	1.5	309.7	3.3
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	88.8	2.2	6.5	X	X
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	-	-	-	-	-
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	X	-	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	X	-	-	X	-
OTHER TRANSPORTATION EQUIPMENT.....	2.8	-	-	-	X
SUB-TOTAL.....	126.4	2.2	8.0	341.6	5.6
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	62.0	6.1	17.4	76.5	2.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	110.1	15.9	38.0	31.9	1.5
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	193.6	126.4	142.8	X	175.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	11.6	-	-	-	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	3.3	1.1	2.1	5.0	2.6
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	X	-	-	-	-
SAFETY AND SECURITY EQUIPMENT.....	0.4	X	0.6	X	-
SANITATION EQUIPMENT.....	0.1	X	X	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	11.0	X	0.9	87.9	1.7
HEAVY CONSTRUCTION EQUIPMENT.....	131.4	-	-	-	-
TRACTORS, FARM EQUIPMENT.....	X	-	1.6	-	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	6.4	-	-	1.7	-
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-	-
INDUSTRIAL CONTAINERS.....	3.7	-	X	X	-
UNDERGROUND LOADING, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	33.6	X	3.6	-	-
PROCESSING EQUIPMENT.....	28.1	-	X	-	X
COMMUNICATION AND RELATED EQUIPMENT.....	33.4	-	X	X	X
OTHER MACHINERY AND EQUIPMENT (N.E.S.).....	38.6	-	1.9	31.5	0.5
SUB-TOTAL.....	667.6	154.2	221.6	260.1	188.3
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	794.0	156.4	229.6	601.7	194.0

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
TRADE, FINANCE AND COMMERCIAL
BY INDUSTRY, BY TYPE OF ASSET
1989
(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	5.7	189.3	-
BUSES AND MAJOR REPLACEMENT PARTS.....	-	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	-	-	-	61.4	-
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.....	-	-	-	-	-
SUB-TOTAL.....	-	0.6	5.7	250.7	-
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	-	207.4	87.7	217.8	0.5
COMPUTER HARDWARE AND WORD PROCESSORS.....	-	406.1	176.3	184.1	0.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	-	-	X	343.9	17.8
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	-	-	-	0.2
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	-	-	-	17.4	-
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	X	-
SAFETY AND SECURITY EQUIPMENT.....	-	X	-	-	-
SANITATION EQUIPMENT.....	-	-	-	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	-	-	X	-
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	61.6	-
TRACTORS, FARM EQUIPMENT.....	-	-	-	X	-
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	-	-	0.9	-
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	-
PROCESSING EQUIPMENT.....	-	X	X	X	3.1
COMMUNICATION AND RELATED EQUIPMENT.....	-	3.6	3.1	5.3	1.2
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	-	X	2.0	7.0	1.5
SUB-TOTAL.....	-	654.4	272.2	845.0	25.4
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	212.6				
TOTAL.....	212.6	655.0	277.9	1,095.8	25.5

TABLE 6, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
TRADE, FINANCE AND COMMERCIAL
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	HOTELS AND MOTELS	OTHER COMMERCIAL	OTHER TRADE FINANCE AND COMMERCIAL	TRADE FINANCE AND COMMERCIAL TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	X	4,046.1	X	4,595.2
BUSES AND MAJOR REPLACEMENT PARTS.....	-	121.5	-	121.5
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.8	665.7	9.6	867.7
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	X	-	-	X
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	X	-	44.4
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	-	X	-	X
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	-	142.5	-	144.1
OTHER TRANSPORTATION EQUIPMENT.....	-	X	X	4.7
SUB-TOTAL.....	1.2	5,021.8	14.4	5,778.2
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	1.7	1,283.1	7.7	1,970.1
COMPUTER HARDWARE AND WORD PROCESSORS.....	8.4	2,343.5	8.0	3,324.7
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	180.8	220.5	83.4	1,510.9
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	-	156.9	-	168.7
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.2	5.8	3.8	42.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	-	0.6
SAFETY AND SECURITY EQUIPMENT.....	0.1	6.5	2.8	11.7
SANITATION EQUIPMENT.....	-	X	-	X
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	0.2	69.5	0.4	172.8
HEAVY CONSTRUCTION EQUIPMENT.....	-	197.6	-	390.6
TRACTORS, FARM EQUIPMENT.....	-	15.1	-	19.7
CAPITALIZED TOOLING AND OTHER TOOLS.....	-	17.5	-	26.5
DRILLING AND BLASTING EQUIPMENT.....	-	X	-	X
INDUSTRIAL CONTAINERS.....	-	X	-	21.7
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	-	196.1	X	243.1
PROCESSING EQUIPMENT.....	-	100.0	12.4	184.8
COMMUNICATION AND RELATED EQUIPEMENT.....	1.3	114.2	3.7	166.6
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	10.1	18.3	X	114.7
SUB-TOTAL.....	203.9	4,767.8	128.1	8,388.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				212.6
TOTAL.....	205.0	9,789.5	142.4	14,379.4

TABLE 7, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
INSTITUTIONS AND GOVERNMENT DEPARTMENTS
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	PRIVATE SCHOOLS	UNIVERSITIES	HOSPITALS	SPECIAL CARE INSTITUTIONS	CHURCHES
TRANSPORTATION EQUIPMENT					
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	0.3	1.1	0.1	0.4	0.5
BUSES AND MAJOR REPLACEMENT PARTS.....	0.7	-	-	-	-
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	0.2	1.3	0.6	-	-
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.....	-	0.1	-	-	-
SUB-TOTAL.....	1.3	2.4	0.8	0.4	0.5
GENERAL MACHINERY AND EQUIPMENT					
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	11.1	105.0	43.5	3.8	1.2
COMPUTER HARDWARE AND WORD PROCESSORS.....	4.6	99.0	58.6	0.4	1.1
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	4.4	14.2	126.7	29.7	10.7
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	1.2	104.7	435.0	0.9	-
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	0.4	2.3	5.0	0.6	1.0
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	-	-	X	-	-
SAFETY AND SECURITY EQUIPMENT.....	0.2	0.4	0.4	-	-
SANITATION EQUIPMENT.....	-	-	0.7	-	-
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	-	X	1.1	-	-
HEAVY CONSTRUCTION EQUIPMENT.....	-	-	-	-	-
TRACTORS, FARM EQUIPMENT.....	-	-	-	-	-
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.....	-	-	X	-	-
COMMUNICATION AND RELATED EQUIPMENT.....	-	3.3	2.8	-	-
OTHER MACHINERY AND EQUIPMENT (N.E.S.).....	1.9	12.9	3.1	0.6	0.3
SUB-TOTAL.....	23.8	347.5	678.4	36.0	14.4
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....					
TOTAL.....	25.1	349.9	679.2	36.4	14.9

TABLE 7, CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA
INSTITUTIONS AND GOVERNMENT DEPARTMENTS
BY INDUSTRY, BY TYPE OF ASSET
1989
(MILLIONS OF DOLLARS)

	FEDERAL GOVERNMENT DEPARTMENTS	PROVINCIAL GOVERNMENT DEPARTMENTS	MUNICIPAL GOVERNMENT DEPARTMENTS	INSTITUTIONS GOVERNMENT DEPARTMENTS TOTAL
TRANSPORTATION EQUIPMENT				
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	59.9	68.2	53.2	183.7
BUSES AND MAJOR REPLACEMENT PARTS.....	X	X	-	5.4
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	15.3	39.2	193.9	250.5
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	1.3	2.4	1.1	4.8
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	-	-	-	-
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	148.9	22.1	0.3	171.3
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	2.9	3.0	-	5.9
OTHER TRANSPORTATION EQUIPMENT.....	X	X	-	11.2
SUB-TOTAL.....	230.3	148.6	248.5	632.8
GENERAL MACHINERY AND EQUIPMENT				
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	104.4	61.4	55.7	386.1
COMPUTER HARDWARE AND WORD PROCESSORS.....	407.6	209.9	117.4	898.6
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	16.5	11.8	12.0	226.0
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	237.6	17.4	2.4	799.2
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	9.4	2.2	8.4	29.3
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	2.4	X	9.4	20.0
SAFETY AND SECURITY EQUIPMENT.....	23.7	4.3	10.2	39.2
SANITATION EQUIPMENT.....	X	X	8.3	9.3
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	X	1.8	22.2	28.9
HEAVY CONSTRUCTION EQUIPMENT.....	0.8	43.1	60.5	104.4
TRACTORS, FARM EQUIPMENT.....	2.8	3.8	14.5	21.1
CAPITALIZED TOOLING AND OTHER TOOLS.....	2.9	4.2	3.9	16.7
DRILLING AND BLASTING EQUIPMENT.....	-	-	-	-
INDUSTRIAL CONTAINERS.....	-	-	-	-
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	-	-
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	-	-
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	4.4	0.3	4.7	9.5
PROCESSING EQUIPMENT.....	10.2	X	-	11.8
COMMUNICATION AND RELATED EQUIPMENT.....	330.2	25.5	15.6	377.4
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	243.3	9.1	51.8	323.0
SUB-TOTAL.....	1,400.2	403.5	396.8	3,300.6
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....				
TOTAL.....	1,630.5	552.1	645.3	3,933.4

TABLE 8. CAPITAL EXPENDITURES ON MACHINERY AND EQUIPMENT IN CANADA, BY PROVINCE AND TERRITORIES, BY TYPE OF ASSET

1989

(MILLIONS OF DOLLARS)

	Nfld	P.E.I.	NS	NB	QUE	ONT	MAN	SASK	ALTA	B.C.	TERR	CANADA
TRANSPORTATION EQUIPMENT												
AUTOMOBILES AND MAJOR REPLACEMENT PARTS.....	50.2	11.6	103.0	75.5	959.8	2,548.5	149.8	154.0	558.3	488.1	11.0	5,109.8
BUSES AND MAJOR REPLACEMENT PARTS.....	1.9	X	2.2	0.9	95.2	184.4	7.7	2.6	18.5	X	-	336.3
TRUCKS, VANS AND MAJOR REPLACEMENT PARTS.....	39.6	8.6	56.4	50.4	439.8	855.9	108.7	113.1	307.0	203.3	11.0	2,193.8
ALL-TERRAIN VEHICLES AND MAJOR REPLACEMENTS PARTS....	1.9	-	X	X	8.7	4.8	X	X	4.3	X	0.5	31.9
RAIL/SUBWAY/RAPID TRANSIT ROLLING STOCK AND PARTS....	0.4	-	2.9	X	130.8	214.2	9.1	X	23.3	41.5	X	435.5
SHIPS AND BOATS AND MAJOR REPLACEMENT PARTS.....	107.5	0.5	X	9.0	34.5	76.5	X	X	0.4	68.4	1.7	422.0
AIRCRAFT, HELICOPTERS, ENGINES AND PARTS.....	17.1	X	30.3	5.0	127.2	373.2	15.8	9.4	52.7	111.4	X	746.7
OTHER TRANSPORTATION EQUIPMENT.....	0.3	-	1.2	2.0	16.7	25.4	6.8	3.5	9.1	13.5	0.3	78.8
SUB-TOTAL.....	219.0	25.1	319.2	147.0	1,812.7	4,282.9	301.5	295.6	973.7	950.2	28.1	9,355.0
GENERAL MACHINERY AND EQUIPMENT												
OFFICE FURNITURE, FURNISHINGS, OFFICE MACHINES.....	30.1	X	60.2	33.7	565.5	1,290.6	89.2	64.5	229.0	281.7	X	2,677.8
COMPUTER HARDWARE AND WORD PROCESSORS.....	32.7	8.0	110.2	51.8	1,067.4	2,707.8	114.3	87.5	398.6	473.2	12.4	5,063.9
NON-OFFICE FURNITURE, FURNISHINGS AND FIXTURES.....	13.6	7.4	52.2	31.3	342.7	855.8	64.2	55.8	146.9	219.1	7.3	1,796.3
SCIENTIFIC, PROFESSIONAL AND MEDICAL DEVICES.....	8.9	3.4	21.5	23.0	264.4	496.2	27.2	43.3	115.7	98.8	2.1	1,104.5
HEATING, ELECTRICAL, PLUMBING, AIR CONDITIONING.....	1.2	0.3	8.4	15.1	66.2	159.9	12.6	5.8	16.3	44.3	1.4	331.5
POLLUTION ABATEMENT AND CONTROL EQUIPMENT.....	3.4	-	1.7	11.5	159.2	185.3	3.4	8.0	23.7	91.5	0.3	488.0
SAFETY AND SECURITY EQUIPMENT.....	1.5	0.1	2.1	1.6	17.2	48.6	3.5	2.1	5.9	9.9	1.1	93.6
SANITATION EQUIPMENT.....	0.1	-	0.6	0.9	4.5	8.8	0.7	1.4	3.3	2.4	-	22.7
MOTORS, GENERATORS, TRANSFORMERS, PUMPS.....	8.8	0.7	18.5	26.9	107.3	198.1	16.0	11.9	92.8	35.7	0.7	517.4
HEAVY CONSTRUCTION EQUIPMENT.....	16.2	1.4	26.3	24.5	122.9	221.2	24.6	30.7	95.0	279.3	58.8	900.9
TRACTORS, FARM EQUIPMENT.....	7.0	19.9	30.5	19.2	225.0	325.6	123.8	305.7	372.2	69.2	0.4	1,498.5
CAPITALIZED TOOLING AND OTHER TOOLS.....	1.3	0.3	9.5	2.8	74.6	867.8	7.8	1.7	18.7	29.4	1.6	1,015.5
DRILLING AND BLASTING EQUIPMENT.....	X	X	5.9	2.7	9.6	15.2	3.4	0.5	7.9	4.3	1.2	51.2
INDUSTRIAL CONTAINERS.....	X	-	0.2	X	5.0	23.9	X	X	1.5	2.8	-	35.6
UNDERGROUND LOAD, HAULAGE AND DUMP EQUIPMENT.....	-	-	1.5	4.0	7.5	16.6	2.3	2.1	0.1	1.7	2.3	38.1
MINE HOISTS, CAGES, ROPES AND SKIPS.....	-	-	0.7	1.6	5.3	5.9	0.8	1.8	-	0.2	0.4	16.7
MATERIAL HANDLING AND CONVEYING EQUIPMENT.....	6.4	1.1	12.5	19.9	104.0	197.0	17.5	33.5	32.4	131.2	0.7	556.2
PROCESSING EQUIPMENT.....	X	7.8	350.5	576.3	3,549.0	4,417.5	182.5	203.2	811.6	1,634.1	X	11,807.1
COMMUNICATION AND RELATED EQUIPMENT.....	91.2	16.5	148.1	X	751.1	1,519.4	X	X	301.4	391.3	29.7	3,577.8
OTHER MACHINERY AND EQUIPMENT(N.E.S.).....	8.9	2.4	14.8	9.3	121.6	301.5	21.5	9.9	48.5	64.7	4.1	607.2
SUB-TOTAL.....	306.6	74.1	875.9	928.8	7,569.9	13,862.7	842.3	1,000.0	2,721.7	3,864.8	154.3	32,201.1
CAPITAL ITEMS CHARGED TO OPERATING EXPENSE.....	23.3	2.6	68.1	87.9	647.7	1,123.4	50.2	41.8	180.8	355.2	1.4	2,582.4
TOTAL.....	548.9	101.8	1,263.2	1,163.7	10,030.3	19,269.0	1,193.9	1,337.4	3,876.1	5,170.2	183.7	44,138.2



Statistics
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Canada

FORM A8

Capital and repair expenditures Actual, 1989

Target date for receipt August 1, 1990

Authority - Statistics Act, Revised Statutes of
Canada, 1985, Chapter S19.

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

PLEASE UPDATE ABOVE INFORMATION, IF NECESSARY

Identification of Operations: _____

Telephone Number: _____

Name of Organization: _____

Telephone Contact Name: _____

Division: _____

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

c/o _____

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

Month

Year

Contact Name and Title: _____

Address: _____

Postal (ZIP) Code: _____

For Statistics Canada Use Only

☐ 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 symbol = 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 to Science, Technology and Capital Stock Division, Statistics Canada, Ottawa, Ontario K1A 0T6.

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 _____

SECTION A: Capital and Repair Expenditures *

Asset Code (See Reporting Guide page 3)	ACTUAL 1989						
	New Assets including All imported (new & used) *	Purchase of Used Assets in Canada *	Renovation Retrofit Refurbishing Overhauling Rehabilitation *	Total Capital Expenditures * (sum of columns 2, 3 & 4)	Expected Useful Life of Assets in Column 2 and/or 4 *	Expected Remaining Life of Assets in Column 3 *	
Columns (1)	\$'000 (2)	\$'000 (3)	\$'000 (4)	\$'000 (5)	Years (6)	Years (7)	
Land *	100	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
Residential Construction *	101	102	103	XXXXXXXXXX	104	105	
- Single	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	000.00 ← BOX A		
* 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	000.00 ← BOX B		
1. NON-CAPITAL REPAIR AND MAINTENANCE EXPENDITURES *		Non-Residential Construction	602	000.00	Machinery and Equipment	603	000.00
2. What were the expenditures on items for buildings and other construction and for machinery, equipment and tools that were charged to current expenses rather than capitalized as part of fixed assets? (Not applicable to Government Departments) If expenditure is zero, please check <input checked="" type="checkbox"/>					778 Zero <input type="checkbox"/>		779 Zero <input type="checkbox"/>
3. 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%
* If reporting significant expenditures for other asset groups (Codes ending in 99) please describe below and/or on page 4.							

SECTION B: Disposals/Sales of Fixed Assets *

Asset Code (See Reporting Guide Page 3)	Selling Price	Accumulated Capital Cost *	Age
Columns (B)	\$'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, 618 ... 648)

000 00

000 00

BOX D
(613, 617 ... 649)

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

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

Disposals/Sales
% of
Box C or D¹

752

753

754

755

756

757

100%

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

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

	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)

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 value of your work in progress at year end (if 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 1989. (See Reporting Guide Page 1, Instruction 5)

	Non-Residential Construction Box A	Machinery and Equipment Box B
Please check appropriate box		
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 - 1989 - (See Reporting Guide, page 2)
(Not applicable to Government Departments)

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

SECTION H: Capacity Utilization - Manufacturing Operations Only

For the year 1989, 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 1989 output.

%
820

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

ACTUAL 1989

Asset Code	Description of Asset	Asset Code	Description of Asset
99		99	
99		99	
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 Québec", the Statistical Agency of Ontario, the Manitoba Bureau of Statistics, the Saskatchewan Bureau of Statistics, the Alberta Bureau of Statistics and the British Columbia Central Statistics Bureau, for respondents in each of the respective provinces; and under Section 12 for joint collection and sharing information with: the Prince Edward Island Department of Finance, the Nova Scotia Department of Development, Statistics and Research Services Branch, the Budget Planning and Economics Division of the Alberta Treasury, the Northwest Territories Bureau of Statistics and the Yukon Bureau of Statistics.

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

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

THANK YOU FOR THE INFORMATION

REPORTING GUIDE

A8

Survey on Capital and Repair Expenditures Actual 1989

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 symbol # 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:

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

or by Fax to:

Capital Expenditures Section,
 Science, Technology and
 Capital Stock Division.

Fax: (613) 951-7473 or
 (613) 952-1251.

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, 1989 and March 31, 1990.

The following are acceptable report periods :

May 1988 - April 1989	04/89
June 1988 - May 1989	05/89
July 1988 - June 1989	06/89
Aug. 1988 - July 1989	07/89
Sept. 1988 - Aug. 1989	08/89
Oct. 1988 - Sept. 1989	09/89
Nov. 1988 - Oct. 1989	10/89
Dec. 1988 - Nov. 1989	11/89
Jan. 1989 - Dec. 1989	12/89
Feb. 1989 - Jan. 1990	01/90
March 1989 - Feb. 1990	02/90
April 1989 - March 1990	03/90

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 and provide a weighted average for the lives.
- (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 your disposals/sales of 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 this section only if this report shows significant changes from the capital expenditures reported previously on the "Preliminary Estimate 1989" (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.

(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 aggregates of our domestic inventory of fixed assets, but would simply mean a transfer of assets within Canada from one organization to another.

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

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

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

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

PAGE 2

SECTION A: Capital and Repair Expenditures

Land

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

Residential Construction (excluding land)

Report the total cost incurred during the year of residential structures including the housing portion of multi-purpose projects and of townsites 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 townsites,

- (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).

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 life expectancy 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.

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.

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 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 for the lives.

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 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 - End of 1989

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) 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 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)	\$ (2)	\$ (3)	\$ (4)	\$ (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, 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				
1003	Natural gas processing plants	2003	Breakwaters	6002	Computers, associated hardware including software and word processors excluding computers for production process (see asset code 6402)		
1004	Laboratories, research and development centres	2004	Canals and waterways	6003	Non-office furniture, furnishings and fixtures (e.g. recreational equipment, restaurant/kitchen equipment, furnishings in hospitals, stores and hotels)		
1005	Pollution abatement and control	2005	Irrigation and reclamation projects	6004	Scientific, professional and medical devices (including measuring, controlling and laboratory equipment)		
1006	Warehouses, refrigerated storage, freight terminals	2099	Other marine construction	6005	Heating, electrical, plumbing, air conditioning and refrigeration equipment (additions only, see instruction above)		
1007	Grain elevators and terminals		TRANSPORTATION	6006	Pollution abatement and control equipment		
1008	Maintenance garages, workshops, equipment storage facilities	2201	Passenger terminals - air, boat, bus, rail and other	6007	Safety and security equipment (includes firearms) N/A to National Defence		
1009	Railway shops, engine houses	2202	Highways, roads, streets, including logging roads (also include signs, guardrails, lighting, landscaping, sidewalks, fences)	6008	Sanitation equipment		
1010	Aircraft hangars	2203	Runways including lighting	6009	Motors, generators, transformers, turbines, compressors and pumps of all types (additions only, see instruction above)		
1011	Service stations (including self-serve and car washes)	2204	Rail track and roadbeds including signals and interlocks	6010	Heavy construction equipment (e.g. loading, hauling, moving, paving, grading)		
1012	Automotive dealerships	2205	Bridges, trestles, overpasses	6011	Tractors of all types and other field equipment (truck tractors - see asset code 6203 below)		
1013	Office buildings	2206	Tunnels	6012	Capitalized tooling and other tools (hand, power, industrial)		
1014	Hotels, motels, convention centres	2299	Other transportation	6013	Drilling rigs		
1015	Restaurants, fast food outlets, bars, nightclubs		WATERWORKS	6014	Salvage equipment		
1016	Shopping centres, plazas, malls, stores	2401	Reservoirs (including dams)	6015	Industrial containers (transportable types used for transporting materials, liquids and gases)		
1017	Parking lots and parking garages	2402	Trunk and distribution mains	6016	Navigation aids and weather measurement equipment		
1018	Theatres, performing arts and cultural centres	2499	Other waterworks construction		TRANSPORTATION EQUIPMENT		
1019	Indoor recreational buildings such as sports complexes, clubhouses, covered stadiums	2601	Sewage treatment and disposal plants including pumping stations	6201	Automobiles and major replacement parts		
1020	Outdoor recreational facilities such as parks, open stadiums, golf courses and ski resorts	2602	Sanitary and storm sewers, trunk and collection lines, open storm ditches and laterals	6202	Buses (all types) and major replacement parts		
1021	Farm buildings	2603	Lagoons	6203	Trucks, vans, truck tractors, truck trailers and major replacement parts		
1099	Other industrial and commercial	2699	Other sewage system construction	6204	All-terrain vehicles and major replacement parts		
	INSTITUTIONAL		ELECTRIC POWER	6205	Locomotives, rolling stock, street and subway cars, other rapid transit and major replacement parts		
1201	Schools (including technical, vocational), colleges, universities and other educational buildings	2801	Electric power construction	6206	Ships and boats and major replacement parts		
1202	Student residences (exclude residential construction)	3001	Broadcasting and communication buildings	6207	Aircraft, helicopters, aircraft engines and other major replacement parts		
1203	Churches and other religious buildings	3002	Telephone and cablevision lines, underground and marine cables	6299	Other transportation equipment		
1204	Hospitals, health centres, clinics and other health care (exclude residential construction)	3003	Communication towers, antennae, earth stations including dishes for satellite receiving, microwave relay		COMPUTER-ASSISTED PROCESS MACHINERY AND EQUIPMENT		
1205	Nursing homes, homes for the aged	3099	Other communication	6401	For material handling		
1206	Day care centres		OIL AND GAS WELLS, STORAGE AND DISTRIBUTION	6402	For the production process		
1207	Libraries	3201	Gas mains and services	6403	For all types of communication systems (radio, television, telephone, microwave and cable)		
1208	Historical sites	3202	Pumping stations, oil	6499	Other computer-assisted process machinery and equipment		
1209	Penitentiaries, detention centres and courthouses	3203	Pumping stations, gas		CONVENTIONAL (non-computer assisted)		
1210	Museums, science centres, public archives	3204	Bulk storage tanks	6601	For material handling (e.g. lift trucks)		
1211	Fire stations, halls	3205	Oil pipelines	6602	For the production process		
1212	Post offices	3206	Gas pipelines	6603	For communication systems (radio, television, telephone, microwave and cable)		
1213	Waste disposal facilities	3299	Other gas and oil facilities		OTHER MACHINERY AND EQUIPMENT		
1214	Armouries, barracks, drill halls, and other similar military type structures		OTHER CONSTRUCTION	6999	Other machinery and equipment (not specified elsewhere)		
1299	Other institutional	5999	Other construction (not specified elsewhere)				

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