

The Daily

Statistics Canada

Thursday, October 20, 1988

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| Policing Expenditures in Canada, 1987 | 9 |
| • Total operating expenditures on policing in Canada were \$4.02 billion, a 6.7% increase over the 1986 total. | |

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Canadian Economic Observer October 1988

The October issue of the *Canadian Economic Observer*, Statistics Canada's new flagship publication for economic statistics, is now available.

This issue contains a monthly summary of the economy, major economic and statistical events in September and a technical note on the current expansion in an historical context. The feature article this month is an analysis by Canada's Chief Statistician of whether we can afford an aging society. A statistical summary contains a wide range of tables and graphs on the principal economic indicators for Canada, the provinces and the major industrial nations.

The *Canadian Economic Observer* (11-010, \$20/\$200) can now be ordered from Publication Sales (613-951-7276). For more information, call Philip Cross (613-951-9162), International and Financial Economics Division.



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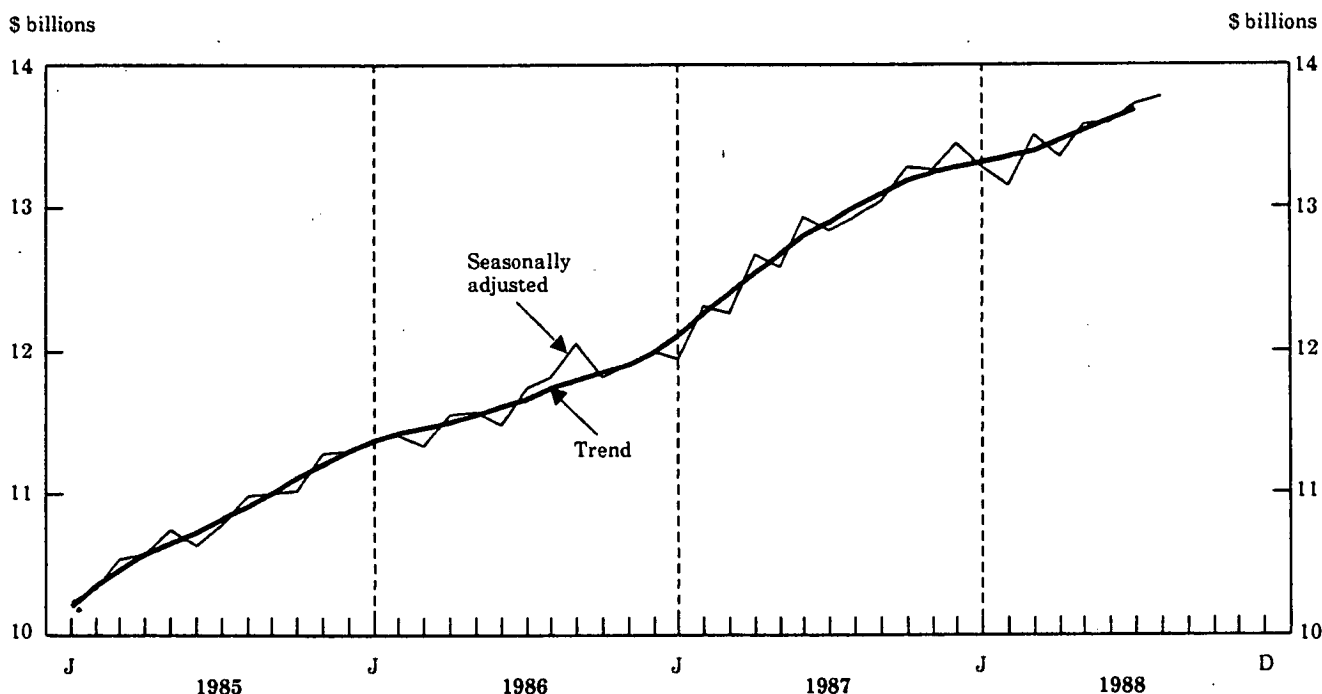
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Major Releases

Monthly Retail Trade Sales, Seasonally Adjusted, Canada, 1985-1988



Retail Trade

August 1988

Highlights

Seasonally Adjusted Sales

- Adjusted for seasonal fluctuations and the number of trading days, preliminary estimates indicate that retail sales totalled \$13.8 billion in August 1988, a moderate increase of 0.3% over the previous month's revised total.
- Retail sales have fluctuated markedly in 1988, largely due to sharp movements in auto sales. Excluding new and used motor vehicle dealers, retail trade rose 0.5% in August 1988, the fourth consecutive monthly increase.
- During the May to August period, retail sales increased by 0.8% on a monthly basis, while in the first four months of 1988 sales fluctuated markedly while experiencing no overall growth.
- In August, the most significant sales increases, in order of dollar impact, were reported by department stores (+2.3%), grocery, confectionery and sundries stores (+1.8%), and used car dealers (+10.2%). Largely offsetting these increases were declines by motor vehicle dealers (-0.8%), general merchandise stores (-5.4%) and service stations (-0.7%).
- Seven provinces and the territories posted sales increases, ranging from 3.2% in Prince Edward Island to 0.1% in Alberta. Decreases in sales occurred in Quebec (-1.7%), Manitoba (-1.4%) and Saskatchewan (-0.7%).

(continued on next page)

Unadjusted Sales

- Retail trade totalled \$13.8 billion in August 1988, up 8.1% over the same month last year. Cumulative retail sales for the first eight months of 1988 amounted to \$105.4 billion, up 7.8% over the corresponding period in 1987.
- The two largest major groups within retail trade recorded sales increases over August 1987: new and used motor vehicle dealers rose a significant 15.5% while total food stores increased by 3.7%. Department store sales were up 4.2% on a year-over-year basis, while service station sales rose 1.9%.
- Independent stores outpaced chain stores in sales growth in August, registering a year-over-year increase of 11.0% compared to 3.7% for chains. Excluding new and used motor vehicle dealers, sales by independents rose by 8.6% in August.
- All provinces and territories registered higher sales in August 1988 compared to the corresponding month in 1987. Sales were also higher in the four metropolitan areas covered by the survey.

Note to users:

The short-term trend provides a clearer picture of the direction and rate of change in retail trade sales. It is calculated by the X-11 ARIMA seasonal adjustment program. Essentially, the calculation involves a 13-term Henderson moving average which smooths irregular fluctuations in the seasonally adjusted data. The trend for the last month is however not shown in the chart since it frequently changes significantly with the addition of succeeding months of data.

(continued on next page)

Available on CANSIM: matrices 2300-2304, 2306-2313, 2315-2317, 2320 and 2321.

The August 1988 issue of *Retail Trade* (63-005, \$16/\$160) will be available the third week of December. See "How to Order Publications".

For more detailed information on this release, contact Roger Laplante (613-951-3552) or Maurice Massaad (613-951-9682), Retail Trade Section, Industry Division.

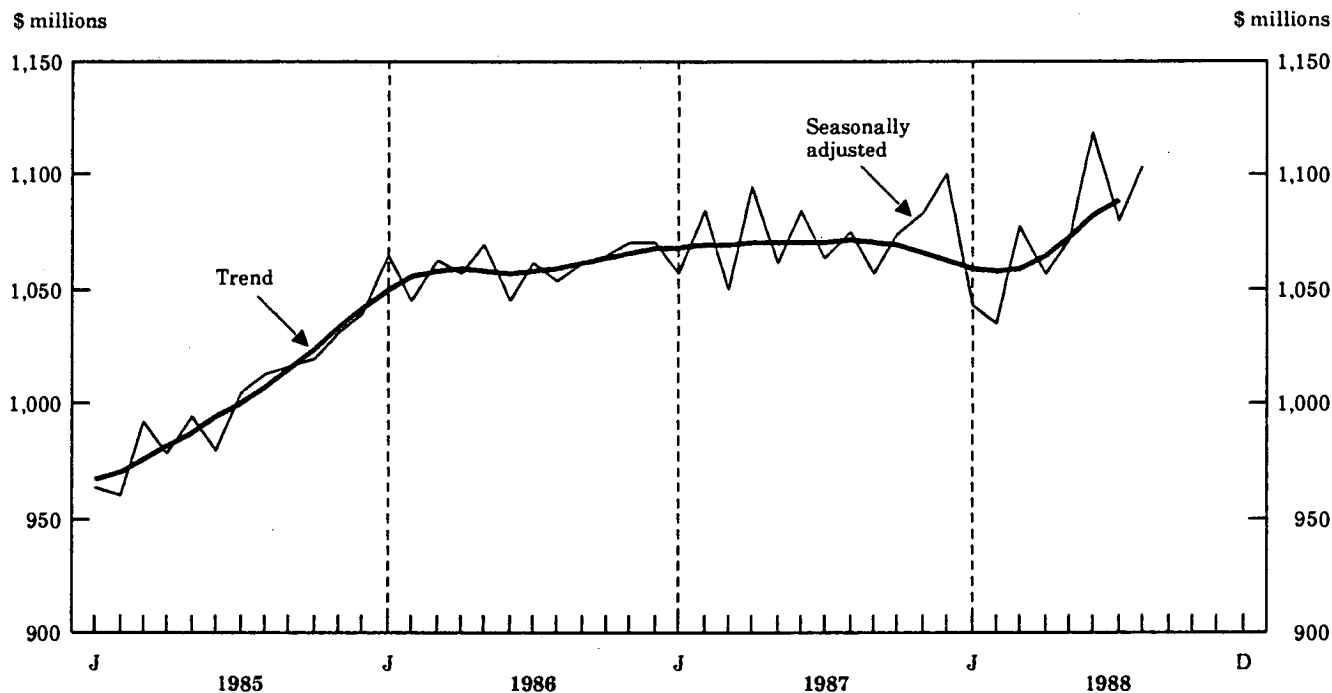
Retail Trade, Canada, by Kind of Business

Kind of Business	Unadjusted Sales All Stores				Seasonally Adjusted Sales All Stores				
	Aug. 1987	July 1988 ^r	Aug. 1988 ^p	Aug. 1988/ Aug. 1987	May 1988 ^r	June 1988 ^r	July 1988 ^r	Aug. 1988 ^p	Aug. 1988/ July 1988
	(millions of \$)				(millions of \$)				
Combination stores (groceries and meat)	2,208.5	2,406.6	2,235.2	1.2	2,273.9	2,287.0	2,316.7	2,312.4	-0.2
Grocery, confectionery and sundries stores	701.3	779.0	763.4	8.9	683.5	676.2	693.5	706.0	1.8
All other food stores	234.7	260.4	261.8	11.5	241.7	242.2	247.4	252.5	2.1
Department stores	986.5	933.5	1,028.3	4.2	1,071.4	1,118.6	1,079.5	1,104.0	2.3
General merchandise stores	224.0	217.5	227.6	1.6	248.0	258.9	259.2	245.4	-5.4
General stores	198.2	211.7	213.8	7.9	196.9	193.7	201.4	204.2	1.4
Variety stores	88.3	82.1	84.7	-4.1	88.3	88.8	86.0	86.2	0.2
Motor vehicle dealers	2,566.5	3,048.1	2,956.8	15.2	3,008.4	2,878.2	3,001.9	2,978.7	-0.8
Used car dealers	88.7	101.9	109.4	23.3	91.5	93.0	95.9	105.7	10.2
Service stations	1,129.3	1,161.5	1,150.6	1.9	1,096.8	1,074.9	1,078.2	1,071.1	-0.7
Garages	142.3	160.0	165.8	16.6	154.2	155.3	154.7	160.6	3.8
Automotive parts and accessories stores	269.6	334.7	306.7	13.8	309.5	310.6	309.0	317.8	2.9
Men's clothing stores	104.7	116.8	111.9	6.8	136.5	142.7	142.9	142.0	-0.6
Women's clothing stores	259.8	256.2	265.0	2.0	277.7	281.1	281.0	277.8	-1.1
Family clothing stores	194.3	176.8	202.7	4.4	192.7	198.4	200.7	197.4	-1.6
Specialty shoe stores	24.8	25.5	25.9	4.1	25.8	26.7	26.3	26.4	0.3
Family shoe stores	97.0	93.2	102.1	5.3	105.8	107.8	107.3	106.3	-1.0
Hardware stores	138.5	170.0	157.6	13.8	154.0	154.4	144.3	152.7	5.8
Household furniture stores	159.8	178.6	175.7	10.0	158.3	168.5	171.7	169.2	-1.5
Household appliance stores	53.3	58.8	61.2	14.8	55.4	59.0	59.3	59.6	0.4
Furniture, TV, radio and appliance stores	145.5	161.7	152.5	4.8	140.6	145.0	143.4	144.0	0.4
Pharmacies, patent medicine and cosmetics stores	537.5	592.4	619.2	15.2	606.2	615.2	615.7	625.0	1.5
Book and stationery stores	74.7	72.3	83.6	11.9	78.1	83.4	84.9	83.9	-1.2
Florists	39.4	41.1	44.2	12.0	49.3	49.8	50.6	52.4	3.7
Jewellery stores	83.9	83.9	86.8	3.5	94.1	96.3	95.6	98.1	2.6
Sporting goods and accessories stores	197.0	254.6	235.6	19.6	217.9	223.4	217.5	226.4	4.1
Personal accessories stores	215.3	207.7	215.7	0.2	203.7	202.7	202.2	203.3	0.5
All other stores	1,564.6	1,774.3	1,711.1	9.4	1,617.9	1,662.1	1,662.7	1,660.9	-0.1
All stores - Total	12,728.2	13,960.8	13,755.1	8.1	13,578.2	13,593.9	13,729.8	13,770.1	0.3

^p Preliminary figures.

^r Revised figures.

Department Store Sales, by Month, Seasonally Adjusted, Canada, 1985-1988



Department Store Sales and Stocks August 1988

Highlights

Seasonally Adjusted Data

- Adjusted for seasonal fluctuations and the number of trading days, department store sales in August 1988 totalled \$1,104 million, an increase of 2.3% over the previous month's revised total of \$1,079 million.
- The 2.3% increase in department store sales in August 1988 followed a decrease of 3.5% in July. Department store sales have shown a generally rising trend since March 1988.
- Department store stocks (at selling value) totalled \$4,558 million at the end of August 1988, a moderate increase of 0.7% over the July 1988 revised value of \$4,526 million. This gain followed a decline of 0.3% in July.

- The ratio of inventories to sales stood at 4.13:1 in August, a modest decrease from the average ratio of 4.14:1 observed in the three previous months.

Unadjusted Data

- Department stores in Canada reported sales totalling \$1,028 million in August 1988, up 4.2% over the revised August 1987 level of \$987 million.
- Cumulative sales for the first eight months of 1988 totalled \$7,423 million, an increase of 2.9% (after adjustment for the sale of Woodward Stores Ltd.'s food division) over the corresponding period in 1987.
- Seven provinces posted increases in August 1988 over the corresponding month in 1987, with gains ranging from 12.4% in Prince Edward

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Island to 1.6% in Alberta. Decreases were recorded in Newfoundland (-11.9%), Manitoba (-5.1%) and Saskatchewan (-0.4%). Sales were up in nine of the 10 metropolitan areas surveyed.

- Department store stocks at month-end totalled \$4,500 million, an increase of 1.2% over the level reached in August 1987.

Available on CANSIM: matrix 112.

The August 1988 issue of *Department Store Sales and Stocks* (63-002, \$13/\$130) will be available the third week of January 1989. See "How to Order Publications".

Note to Users:

The short-term trend provides a clearer picture of the direction and rate of change in department store sales. It is calculated by the X-11 ARIMA seasonal adjustment program. Essentially, the calculation involves a 13-term Henderson moving average which smooths irregular fluctuations in the seasonally adjusted data. The trend for the last month is however not shown in the chart since it frequently changes significantly with the addition of succeeding months of data.

For more detailed information on this release, contact Roger Laplante (613-951-3552) or David Roeske (613-951-9236), Retail Trade Section, Industry Division.

Trends in Labour Income

1975-1987

Between 1975 and 1987, average annual labour income per worker rose by 140% to \$27,900, but after adjusting for inflation, the growth was only 1.5%. From 1978 to 1983, real labour income fell each year. Since then there has been a marginal increase.

"Trends in Labour Income" is the feature article in the July issue of *Employment, Earnings and Hours* (72-002) and the September issue of *The Labour Force* (71-001). It reviews the gains in recent years in the wages and salaries and supplementary labour income of paid workers and compares these increases with the rate of inflation over the past 13 years. Concepts, definitions and measurement problems related to labour income are also discussed.

Highlights include:

- During the 1975-87 period, most of the real growth in average labour income (adjusted for inflation) occurred in the first two years (7%). This average is for all workers, both full- and part-time, and does not necessarily hold true for an individual worker employed throughout the period or for workers in particular industries, occupations, etc.
- All of the real growth in total labour income was in supplementary labour income which rose 33% over the 13-year period. In comparison, real average wages and salaries fell 1%. (Supplementary labour income consists of employer contributions to health and welfare plans, pension plans, workers' compensation and unemployment insurance.)

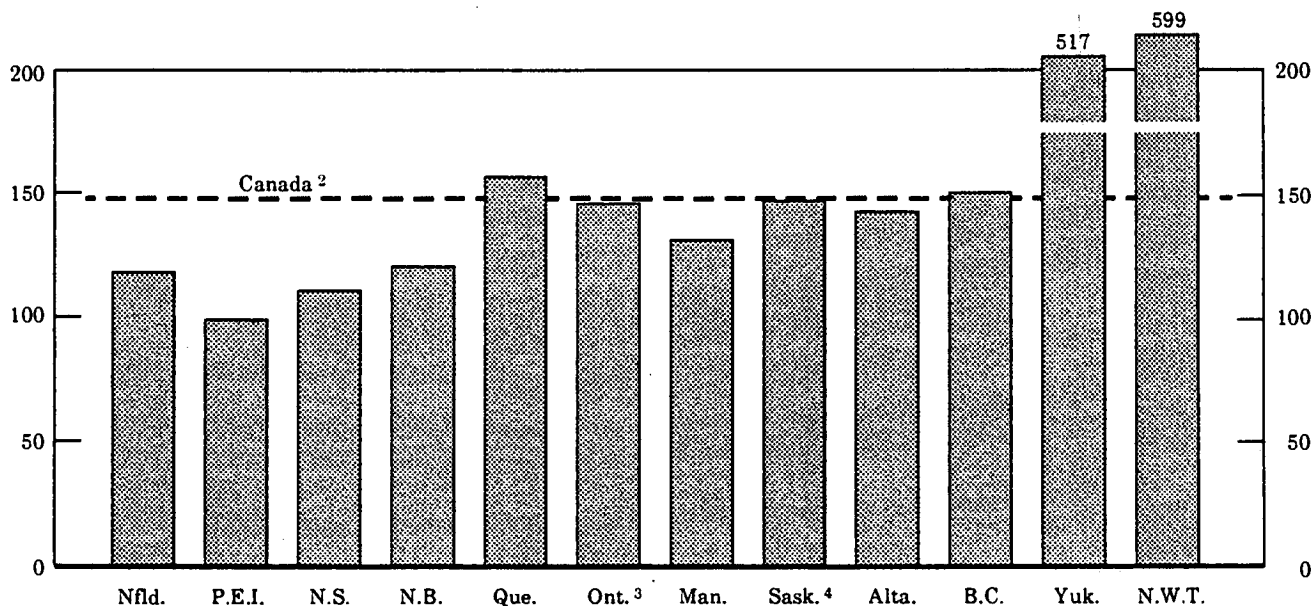
- In real terms, supplementary labour income accounted for a higher portion of labour income in 1987 (10%) than in 1975 (7%).
- Between 1975 and 1987, the largest increase in real labour income by industry was in finance, insurance and real estate (17%), followed by transportation, communications and other utilities (13%). The largest declines were experienced by workers in construction (-16%) and forestry (-15%).
- Between 1979 and 1987, real wages and salaries declined or remained unchanged in all provinces except Manitoba and Nova Scotia; in contrast, supplementary labour income grew in all provinces (ranging from 1% in Saskatchewan to 20% in Alberta).

For more detailed information on this current release, order the September issue of *The Labour Force* (71-001, \$22/\$220), now available.

The July issue of *Employment, Earnings and Hours* (72-002, \$38.50/\$385) will be available later this week. See "How to Order Publications".

For further detailed information concerning the data in this release, contact Fred Wong (613-951-4607), Labour and Household Surveys Analysis Division.

Per Capita Cost of Total Policing Expenditures ¹ Canada and the Provinces/Territories, 1987



¹ Includes all municipal, provincial and RCMP policing.

² Excludes RCMP "HQ" and Depot Division.

³ Excludes RCMP "HQ" Divisions.

⁴ Excludes RCMP Depot Training Centre.

Policing Expenditures in Canada 1987

Total operating expenditures on policing in Canada in 1987 were \$4.02 billion, representing a 6.7% increase over the 1986 total of \$3.77 billion. This translates into a per capita cost to Canadians of \$157.

Other highlights from *Policing Expenditures in Canada, 1987* include:

- The average cost of policing per police officer (over 52,000 in Canada) in 1987 equalled \$76,651.
- Salaries, wages and benefits accounted for 82.7% of total expenditures.

- The per capita cost of policing was highest in the Northwest Territories (\$599) and the Yukon (\$517). The provinces ranged from a low of \$101 in Prince Edward Island to a high of \$158 in Quebec. Only the two territories, Quebec and British Columbia had per capita costs higher than the national average of \$148 (excluding the cost of the RCMP Central Divisions).

- Expenditures on municipal policing accounted for over one-half of total policing costs. Provincial policing expenditures comprised 30% of the policing costs, followed by federal policing (9%) and other RCMP expenditures (7%) which includes Administration and Canadian Police Services.

(continued on next page)

Available on CANSIM: table 00130102.

The Vol. 8, No. 5 issue of the *Juristat Bulletin: Policing Expenditures in Canada, 1987* (85-002, \$3/\$15) is now available. See "How to Order Publications".

For more detailed information on this release, contact Joanne Lacroix (613-951-6643), Law Enforcement Program, Canadian Centre for Justice Statistics.

Total Expenditures on Policing, Canada and the Provinces/Territories, 1987

Province/ Territory	Population ¹	Municipal Policing Expendi- tures ²	Provincial Policing Expendi- tures ³	Federal Policing Expendi- tures	Other RCMP Expendi- tures ⁴	Total Policing Expendi- tures	Per Capita Cost	Total Police Officer Strength	Cost Per Officer
		(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$000's)	(\$)		(\$)
Nfld. ⁵	568,200	...	56,636	6,789	4,477	67,902	120	916	74,129
P.E.I.	127,300	3,847	6,875	1,068	1,093	12,883	101	184	70,016
N.S.	878,900	42,279	40,626	9,186	6,633	98,724	112	1,450	68,085
N.B. ⁶	712,300	41,332	35,695	5,425	4,411	86,863	122	1,201	72,325
Que.	6,592,600	576,791	374,812	71,655	17,318	1,040,576	158	13,801	75,399
Ont. ⁷	9,270,700	927,719	333,168	85,188	21,098	1,367,173	147	18,836	72,583
Man.	1,079,000	73,220	49,169	11,269	8,458	142,115	132	2,095	67,836
Sask. ⁸	1,014,000	69,821	63,155	9,762	7,253	149,991	148	1,939	77,355
Alta.	2,380,400	208,233	88,983	26,460	19,683	343,360	144	4,305	79,758
B.C.	2,925,700	222,498	121,799	58,996	42,431	445,724	152	5,544	80,398
Yukon	24,400	...	9,742	1,265	1,601	12,608	517	101	124,830
N.W.T.	51,700	...	26,195	995	3,759	30,949	599	202	153,211
RCMP "HQ" and Depot Divisions ⁹	...	...	...	78,985	147,092	226,077	...	1,936	116,775
Canada	25,625,100	2,165,741	1,206,853	367,043	285,307	4,024,944	157	52,510	76,651

¹ Preliminary postcensal estimates, Demography Division.

² Includes total cost of RCMP municipal policing contracts.

³ Includes total cost of RCMP provincial policing contracts.

⁴ Includes Divisional Administration as well as pro-rated Departmental Administration.

⁵ Provincial policing figures include both the Royal Newfoundland Constabulary and the RCMP.

⁶ Provincial policing figures include both the New Brunswick Highway Patrol and the RCMP.

⁷ Excludes RCMP "HQ".

⁸ Excludes RCMP Depot Training Centre.

⁹ RCMP expenditures for CPIC and vehicle acquisition are included under "Other RCMP Expenditures".

... Figures not appropriate or not applicable.

Note: Totals may not add up due to rounding.

Data Availability Announcements

Railway Carloadings

Seven-day Period Ending October 7, 1988

Highlights

- Revenue freight loaded by railways in Canada during the week totalled 4.9 million tonnes, a decrease of 7.4% from the previous year.
- Piggyback traffic decreased 9.6% from the same period last year. The number of cars loaded decreased 9.8% during the same period.
- The tonnage of revenue freight loaded to date this year is 6.1% higher than that loaded in the previous year.

Railway Carloadings

	Seven-day Period Ending October 7, 1988	Year to date
Carload Traffic		
Tonnes	4 910 146	198 692 264
% change from previous year	-7.4	6.1
Cars	71,210	2,871,515
% change from previous year	-7.5	3.6
Piggyback Traffic		
Tonnes	257 836	10 485 400
% change from previous year	-9.6	8.3
Cars	9,109	354,039
% change from previous year	-9.8	2.0

Note: Piggyback traffic includes trailers and containers on flat cars. Piggyback traffic numbers are included in total carload traffic.

For more detailed information on this release, contact Angus MacLean (613-951-2484), Surface Transport Unit, Transportation Division.

Air Charter Statistics

First Quarter 1988

Highlights

- Preliminary first quarter 1988 data continue to indicate an upward trend in the number of passengers travelling on international commercial charter services. The number of passengers increased to 1,650,334 - up 9.8% from 1987 figures.
- Increases over the first quarter of 1987 were registered to all Southern (12.7%), American (10.2%) and European (9.3%) destinations.

The first quarter 1988 in-house report on air charter statistics (formerly 51-003) can be ordered from the Aviation Statistics Centre.

Contact C. Mamay (819-997-6173), Aviation Statistics Centre, Transportation Division.

Steel Ingots

Week Ending October 15, 1988

Preliminary estimates indicate that Canadian steel ingot production for the week ending October 15, 1988 totalled 297 446 tonnes, an increase of 8.2% from the preceding week's total of 274 963 tonnes and up 6.8% from the year-earlier level of 278 503 tonnes. The cumulative total in 1988 was 11 601 392 tonnes, an increase of 0.2% from 11 575 362 tonnes for the same period in 1987.

For more detailed information on this release, contact Greg Milsom (613-951-9827), Industry Division.

Soft Drinks

September 1988

Data on soft drinks for September 1988 are now available.

Available on CANSIM: matrix 196.

Monthly Production of Soft Drinks (32-001, \$2.50/\$25) will be released at a later date. See "How to Order Publications".

For more detailed information on this release, contact Brian Preston (613-951-3511), Industry Division.

Electric Lamps

September 1988

Canadian light bulb and tube manufacturers sold 23,429,351 light bulbs and tubes in September 1988, an increase of 7.8% from the 21,727,109 units sold a year earlier.

Year-to-date sales for 1988 amounted to 182,650,527 light bulbs and tubes, up 7.2% from the 170,385,095 sold during the January-September period in 1987.

The September 1988 issue of *Electric Lamps* (43-009, \$4.50/\$45) will be available at a later date. See "How to Order Publications".

For more detailed information on this release, contact J.-P. Beauparlant (613-951-3526), Industry Division.

Exports by Commodity (H.S. Based)

August 1988

Commodity-country export trade statistics based on the Harmonized System (H.S.) for August 1988 are now available on microfiche, computer printouts or magnetic tapes in advance of the monthly publication.

Available on CANSIM (for selected information): matrices 3686-3713 and 3719.

The August 1988 issue of *Exports by Commodity* (H.S. Based) (65-004, \$50/\$500) will be available the second week of November. See "How to Order Publications".

For more detailed information on this release, contact Gordon Blaney (613-951-9647), International Trade Division.

Publications Released

Canadian Economic Observer, October 1988.

Catalogue number 11-010

(Canada: \$20/\$200; Other Countries: \$22.50/\$225).

Rubber and Plastic Products Industries – Other Rubber Products Industries Including Tire and Tube Industry, 1986 Census of Manufactures.

Catalogue number 33-250B 1598

(Canada: \$4; Other Countries: \$5).

Particleboard, Waferboard and Hardboard, August 1988. Catalogue number 36-003

(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Specified Domestic Electrical Appliances,

August 1988. Catalogue number 43-003

(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Factory Sales of Electric Storage Batteries,

August 1988. Catalogue number 43-005

(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Construction Price Statistics, Second Quarter

1988. Catalogue number 62-007

(Canada: \$16.50/\$66; Other Countries: \$17.50/\$70).

Retail Trade, July 1988.

Catalogue number 63-005

(Canada: \$16/\$160; Other Countries: \$17/\$170).

The Labour Force, September 1988.

Catalogue number 71-001

(Canada: \$22/\$220; Other Countries: \$24/\$240).

Juristat Service Bulletin, Vol. 8, No. 5, Policing Expenditures in Canada, 1987.

Catalogue number 85-002

(Canada: \$3/\$15; Other Countries: \$4/\$20).

Culture Statistics – Periodical Publishing,

1986-87. Catalogue number 87-203

(Canada: \$15; Other Countries: \$16).

How to Order Publications

Statistics Canada publications may be purchased by mail order from Publication Sales, Room 1710, Main Building, Statistics Canada, Ottawa K1A 0T6 or phone 613-951-7276.

Please enclose cheque or money order payable to the Receiver General for Canada/Publications and provide full information on publications required (catalogue number, title, issue).

Publications may also be ordered through Statistics Canada's offices in St. John's, Halifax, Montreal, Ottawa, Sturgeon Falls, Toronto, Winnipeg, Regina, Edmonton, Calgary and Vancouver, or from authorized bookstore agents or other booksellers.

A national toll-free telephone order service is now in operation at Statistics Canada. The toll-free line (1-800-267-6677) can be used by Canadian customers for the ordering of Statistics Canada products and services.

**The
Daily**

Statistics Canada's Official Release Bulletin for Statistical Information

Catalogue 11-001E. Price: Canada \$100/year; other countries \$125/year

Published by the Communications Division (Director – Douglas Newson)
Statistics Canada, 3-N, R.H. Coats Bldg., Ottawa K1A 0T6.

Senior Editor: Greg Thomson (613-951-1116)

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