



The Daily

Statistics Canada

Friday, June 22, 1990

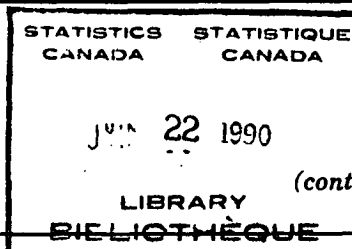
For release at 10:00 a.m.

MAJOR RELEASES

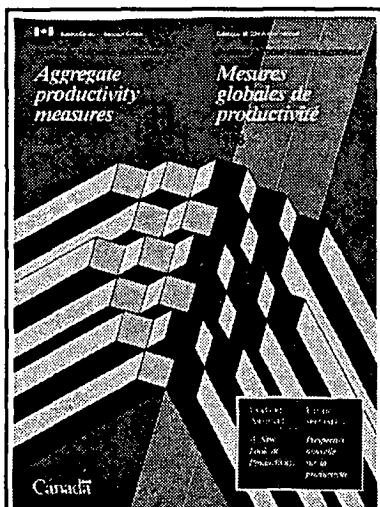
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- **Aggregate Productivity Measures, 1988** 4
The new multifactor productivity measures indicate that, between 1961 and 1986, the business sector of the Canadian economy showed a 34.5% increase in productive efficiency (about 1.2% per year on average).

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Aggregate Productivity Measures 1988

In addition to the regular labour productivity indicators, the 1988 issue of *Aggregate Productivity Measures* features a special article presenting new experimental multifactor productivity estimates for the business sector of the Canadian economy from 1961 to 1988 and for 24 business sector industries up to 1986.

NOT FOR LOAN
NE S'EMPRUNTE PAS



Statistics
Canada

Statistique
Canada

Canada

DATA AVAILABILITY ANNOUNCEMENTS

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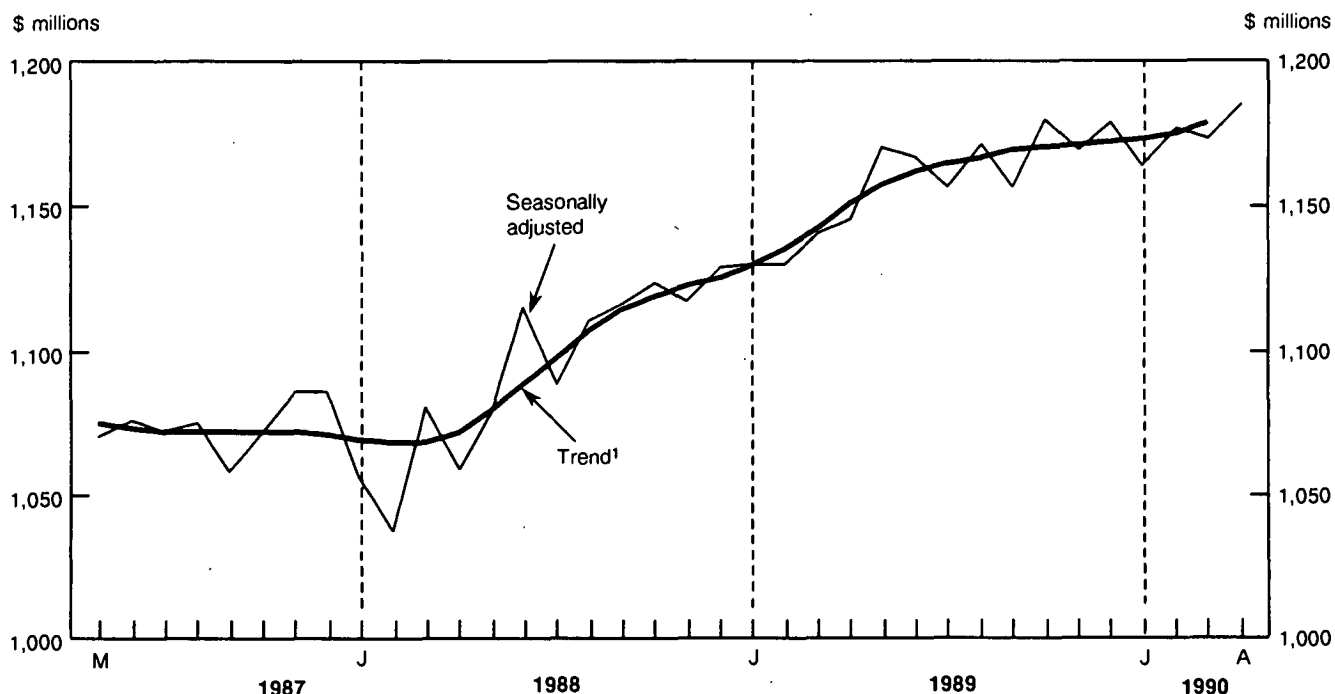
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MAJOR RELEASES

Department Store Sales, Canada



¹ The short-term trend represents a weighted average of data.

Department Store Sales and Stocks

April 1990

Highlights

Seasonally Adjusted Data

- Adjusted for seasonal fluctuations and the number of trading days, department store sales including concessions totalled \$1,185 million in April 1990, an increase of 1.0% over the previous month's revised total of \$1,173 million.
- In spite of the 1.0% increase in April, department stores registered marginal overall sales growth in the first four months of 1990. During this period, sales advanced on average by about 0.1% on a monthly basis.

- Department store stocks (at selling value) totalled \$4,798 million at the end of April, an increase of 1.5% over the March 1990 revised value of \$4,726 million. This increase followed a decrease of 1.2% in March.

- The ratio of stocks-to-sales stood at 4.05:1 in April, a slight increase over the average ratio of 4.04:1 observed in the three previous months.

Available on CANSIM: matrix 112 (level 1-3, series 4, 5 and 6).

Order the April 1990 issue of *Department Store Sales and Stocks* (63-002, \$14.40/\$144), available the third week of August. See "How to Order Publications".

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

Department Store Sales, Canada (including concessions)

April 1990

	Unadjusted				Seasonally Adjusted						April 1990/ March 1990	April 1990/ March 1989
	April 1989	March 1990	April 1990	April 1990/ 1989	April 1989	January 1990 ^r	February 1990 ^r	March 1990 ^r	April 1990 ^p			
	millions of \$			%	millions of \$							%
Total Sales	1,035.3	1,029.0	1,055.0	1.9	1,145.3	1,164.0	1,176.7	1,172.9	1,184.9		1.0	3.5
Total Stocks	4,782.9	4,760.2	4,912.9	2.7	4,669.7	4,701.5	4,781.8	4,725.9	4,797.8		1.5	2.7
Stock-to-Sales Ratio	4.62	4.63	4.66		4.08	4.04	4.06	4.03	4.05			

^r Revised estimates

^p Preliminary estimates

Aggregate Productivity Measures

1988

Highlights

- The new multifactor productivity measures indicate that, between 1961 and 1986, the business sector of the Canadian economy showed a 34.5% increase in productive efficiency (about 1.2% per year on average).
- By comparison, labour productivity (output per person employed) increased by 68.8% (2.1% per year on average). The latter exhibits larger productivity gains than multifactor productivity, as it attributes to efficiency gains what, in fact, resulted from increased uses of other productive factors.
- At the industry level, multifactor productivity advance was led by the transportation and communications group of industries, which experienced an average annual increase in productivity of 2.6%.
- Productivity gains in manufacturing industries indicate a 2.2% average annual gain in efficiency. Within manufacturing industries, the electrical and electronic products industries led all other industries, followed by the chemical and chemical products industries.

Note to users:

In addition to its regular coverage, the 1988 issue of *Aggregate Productivity Measures* includes a feature article presenting two alternative measures of multifactor productivity for Canadian industries. The article outlines in a non-technical fashion the concepts and interpretations of the more traditional **industry** multifactor productivity measure plus a newly developed **interindustry** multifactor productivity measure. It presents experimental estimates of both multifactor measures for the 1961-1986 period for the total business sector of the economy as well as for 24 industry groups.

The industry and the interindustry estimates for some major groups are analyzed and compared to illustrate the complementary nature of the alternative measures and highlight the role of productivity as an important source of economic growth.

Estimates for the total business sector of the economy, which extend to 1988, are contrasted with those of the United States. The article includes a description of the multifactor productivity database.

- The alternative **interindustry** multifactor productivity indices apply to vertically integrated groups of industries. As can be seen from the following table, for most industry groups the interindustry productivity index in 1986 is larger than the corresponding industry productivity estimate.

- In general, the combined productivity gains of vertically integrated industries exceed the productivity gains of individual industries, except when some component industries exhibit productivity declines. This is the case for the refined petroleum and coal industries, which are integrated with the crude petroleum and natural gas industries which suffered productivity declines.

Available on CANSIM: matrices 7916-7938 (Labour Productivity), 7900 (Multifactor Productivity - Industry) and 7901 (Interindustry).

Order the 1988 issue of *Aggregate Productivity Measures* (15-204, \$40), now available. See "How to Order Publications".

For further information on this release, contact Aldo Diaz (613-951-3687), National Income and Expenditure Accounts.

Productivity Measures for Selected Industries 1986 (1961 = 100)

Industry Groups	Real Gross Domestic Product per Person	Multifactor Productivity	
		Industry	Interindustry
Total Business Sector	168.8	134.5	134.5
Agriculture and Related Services Industries	233.6	139.7	166.0
Manufacturing Industries	209.6	170.7	153.1
Food Industries	175.1	109.7	148.7
Beverage Industries	158.0	114.9	133.9
Tobacco Products Industries	158.6	106.9	140.5
Rubber, Leather and Footwear Products	220.3	144.1	186.0
Plastic Products Industry	315.4	132.7	165.4
Textile and Clothing Industries	240.2	143.6	191.9
Wood Industries	230.7	140.6	182.4
Furniture and Fixture Industries	142.5	115.3	148.1
Paper and Allied Products Industries	131.7	108.7	128.9
Printing, Publishing and Allied Industries	142.2	120.3	135.8
Primary Metal Industries	166.6	118.5	141.3
Fabricated Metal Product Industries	172.2	134.4	152.7
Machinery Industries	152.9	115.9	142.5
Transportation Equipment Industries	308.9	139.6	221.7
Electrical and Electronic Products Industries	380.5	166.8	192.9
Non-metallic Mineral Products Industries	173.6	125.0	148.6
Refined Petroleum and Coal Products	211.8	116.4	76.3
Chemical and Chemical Products Industries	262.6	148.2	168.9
Other Manufacturing Industries	155.6	114.2	139.1
Construction Industries	141.1	110.7	137.1
Transportation and Communication Industries	242.8	190.1	208.5
Wholesale and Retail Trade Industries	143.3	138.9	147.2

DATA AVAILABILITY ANNOUNCEMENTS

Stocks of Frozen Meat Products

June 1, 1990

Total frozen meat in cold storage as of June 1 amounted to 31 611 tonnes, compared with 33 463 tonnes last month and 33 734 tonnes a year ago.

Available on CANSIM: matrices 87 and 9517-9525.

To order *Stocks of Frozen Meat Products* (\$11.50/\$115), a statistical bulletin, contact Guy Gervais (613-951-2453).

For more information on this release, contact David Burroughs (613-951-2510), Agriculture Division. ■

Railway Operating Statistics

January 1990

The seven major railways reported a combined net income of \$19.3 million in January 1990. Operating revenues of \$600.3 million were up \$22.8 million from the January 1989 figure.

Revenue freight tonne-kilometres were up 6.1% from January 1989. Freight train-kilometres registered an increase of 2.9%, while freight car-kilometres increased by 3.4%.

All 1989 figures have been revised.

Available on CANSIM: matrix 142.

The January 1990 issue of the *Railway Operating Statistics* (52-003, \$10.50/\$105) will be released the fourth week of June. See "How to Order Publications".

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

Exports by Commodity (H.S. Based)

April 1990

Commodity-country export trade statistics based on the Harmonized System (H.S.) for April 1990 are now available on microfiche, computer printouts or magnetic tapes in advance of the monthly publication.

The April 1990 issue of *Exports by Commodity (H.S. Based)* (65-004, \$55.10/\$551) will be available the second week of July. See "How to Order Publications".

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

Buildingboard Industry

1988 Annual Survey of Manufactures

In 1988, the value of shipments and other revenue for the buildingboard industry (SIC 2714) totalled \$124.4 million, up 12.8% over \$110.2 million in 1987.

Available on CANSIM: matrix 5486.

The data for this industry will be released in *Paper and Allied Products Industries* (36-250, \$35) See "How to Order Publications".

For further information on this release, contact Sandra Bohatyretz (613-951-3531), Industry Division. ■

Non-ferrous Metal Smelting and Refinery Industries

1988 Annual Survey of Manufactures

In 1988, the value of shipments and other revenue for the non-ferrous metal smelting and refinery industries (SIC 2950) totalled \$7,216.4 million, up 25.2% over \$5,763.4 million in 1987.

Available on CANSIM: matrix 5511.

The data for this industry will be released in *Primary Metal Industries* (41-250, \$35). See "How to Order Publications".

For further information on this release, contact Karnail Singh Gill (613-951-3520), Industry Division. ■

Refined Petroleum Products Industry

1988 Annual Survey of Manufactures

In 1988, the value of shipments and other revenue for the refined petroleum products industry (SIC 3611) totalled \$15,127.4 million, down 10.8% from \$16,958.5 million in 1987.

Available on CANSIM: matrix 6866.

The data for this industry will be released in *Chemical and Chemical Products Industries* (46-250, \$35). See "How to Order Publications".

For further information on this release, contact T. Raj Sehdev (613-951-3513), Industry Division.

PUBLICATIONS RELEASED

System of National Accounts: Aggregate Productivity Measures, 1988.

Catalogue number 15-204

(Canada \$40.00; United States: US\$48.00; Other Countries US\$56.00).

Production and Disposition of Tobacco Products, May 1990.

Catalogue number 32-022

(Canada: \$5.00/\$50.00; United States: US\$6.00/US\$6.00; Other Countries: US\$7.00/US\$70.00).

Corrugated Boxes and Wrappers, May 1990.

Catalogue number 36-004

(Canada: \$5.00/\$50.00; United States: US\$6.00/US\$60.00; Other Countries: US\$7.00/US\$70.00).

Department Store Monthly Sales, including Concessions, by Province and Metropolitan Area, February 1990.

Catalogue number 63-004

(Canada: \$2.70/\$27.00; United States: US\$3.20/US\$32.00; Other Countries: US\$3.80/US\$38.00).

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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, 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.

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MAJOR RELEASE DATES

Week of June 25 - 29
(Release dates are subject to change)

Anticipated date(s) of release	Title	Reference period
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June		
26	Security Transactions with Non-residents	April 1990
26	Building Permits	April 1990
27	Unemployment Insurance Statistics	April 1990
28	Capacity Utilization Rates in Canadian Manufacturing	First Quarter 1990
28	Industrial Corporations: Financial Statistics	First Quarter 1990 (Final Data)
28	Gross Domestic Product at Factor Cost by Industry	April 1990
29	Industrial Product Price Index	May 1990
29	Raw Materials Price Index	May 1990
29	Employment, Earnings and Hours	April 1990
29	Sales of Refined Petroleum Products	May 1990
29	Crude Petroleum and Natural Gas	March 1990
29	Field Crop Reporting Series: No. 4, Preliminary Estimates of Principal Field Crop Area, Canada	

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