

The Daily

Statistics Canada

Tuesday, December 24, 1991

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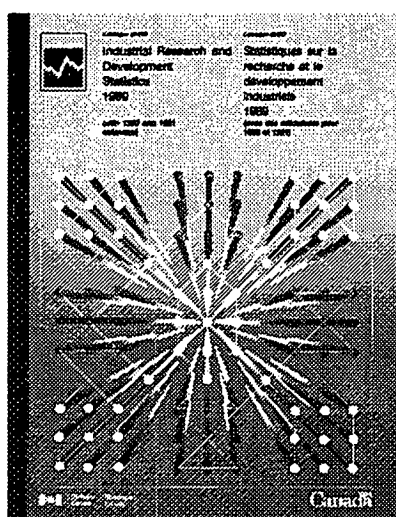
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MAJOR RELEASE

• Real Gross Domestic Product at Factor Cost by Industry, October 1991

Gross Domestic Product at Factor Cost edged ahead 0.1% in October following declines of 0.3% in August and 0.1% in September.

(Continued on page 2)



Industrial Research and Development 1989 (with 1990 and 1991 estimates)

In 1991, Canadian firms plan to perform about \$5.2 billion of research and development (R&D), an increase of 5.9% over 1990. This represents 54% of all R&D performed in Canada.

Industrial Research and Development Statistics, 1989 presents statistical information for the years 1963 to 1991. Among the topics covered are current and capital expenditures on research and development, energy R&D expenditures by area of technology, software R&D expenditures, R&D expenditure as a percentage of company sales, sources of funds for intramural R&D, personnel engaged in R&D, and foreign payments made and received for technological services. Most historical tables are presented for 1987 to 1991 and disaggregated by 46 industrial groupings, size of R&D program, employment size, sales size, country of control, and by province.

Industrial Research and Development Statistics, 1989 (with 1990 and 1991 estimates) (88-202, \$44) is now available. See "How to Order Publications". For more information on this release, contact Michel Boucher (613-951-7683), Services, Science and Technology Division.



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Note to users

Please be advised that the publishing of the **Daily** will be suspended for the following dates: December 27, 30, 31, 1991 and January 2, 1992. Publication will resume on Friday, January 3, 1992.

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MAJOR RELEASE

Real Gross Domestic Product at Factor Cost by Industry

(Seasonally Adjusted Data)

October 1991

Monthly Overview

Gross Domestic Product at factor cost edged ahead 0.1% in October following declines of 0.3% in August and 0.1% in September. Excluding federal government and transportation and storage services, which rebounded from strikes in September, production was unchanged. Output of services rose 0.3% following resolution of the strikes. Goods production, which had buoyed the economy earlier in the year, sagged 0.2% in October, the second drop in three months.

Services-producing Industries

Besides rebounding from the strikes in September, services output was boosted by substantial gains in financial services and by an advance in communications. Significant areas of weakness were still evident, however, as retail trade fell 1.2% and community, business, and personal services slid 0.6%.

Federal government services had fallen 4.6% in September when civil servants went on strike. These losses were more than recouped in October, when output rose 5.1% even though the strike lasted for a few days into October. The strike also held up the flow of grain through the elevator system, and grain storage services rose 18.7% in October after tumbling 18.2% in September. Urban transportation services gained 7.5% in October following a 6.7% slide in September when transit workers struck against the Toronto Transit Commission.

Finance, insurance, and real estate services rose 1.1% in October. Almost 80% of the gain was accounted for by security brokers and investment companies as the volume of new bond issues surged in October following unusually low activity in September.

Communications services advanced 0.9% as declines by broadcasters and telecommunications carriers were outweighed by gains for telephone and postal services.

A 1.2% drop in output by retailers was more than accounted for by a sharp decline in new motor vehicle sales. Excluding new motor vehicle dealers, output by

retailers advanced 0.5%, while prices for non-durables fell 0.9%.

Community, business, and personal services slipped 0.6%. Widespread declines were led by cutbacks in services to businesses, health services, accommodation services, and personal services such as laundries, barbers, and housekeepers.

Goods-producing Industries

The 0.2% drop in goods production in October followed a 0.5% advance in September. Lower output in manufacturing, utilities and forestry was partly offset by higher output in construction and mining. Agriculture and fishing posted marginal gains.

Manufacturing output slumped 1.0% in October following a 0.7% gain in September and a similar loss in August. These developments followed four consecutive monthly increases averaging 1.0%. Manufacturers of paper, transportation equipment and fabricated metal products accounted for 72% of the dollar loss in October as 13 of 21 major groups cut production. Small gains elsewhere in manufacturing were led by producers of primary metals.

Output of paper and allied products fell 5.7%. Pulp and paper, especially newsprint, accounted for almost all of the dollar decline as output fell 6.8% to its May 1991 level. The drop followed a 5.3% gain in September as producers continue to adjust to changing conditions in international markets.

Producers of transportation equipment reduced output 1.9%. Responding to weak demand in U.S. markets, motor vehicle assemblers accounted for 74% of the dollar decline as they curtailed output 5.7%. Parts producers recorded a marginal 0.3% decline while a 2.0% drop in aircraft production also contributed to the weakness.

Output of fabricated metal products dropped 1.6% to its lowest level since November 1984. Output in metal stamping and machine shops slumped 3.2% and 5.8%, respectively, accounting for about 62% of the dollar losses.

Elsewhere in manufacturing, notable declines were evident in beverages, electrical products, and furniture and fixtures.

Primary metal producers added 0.7% to a 2.7% advance recorded in September. Led by higher nickel production, smelting and refining jumped 6.0% to a record level.

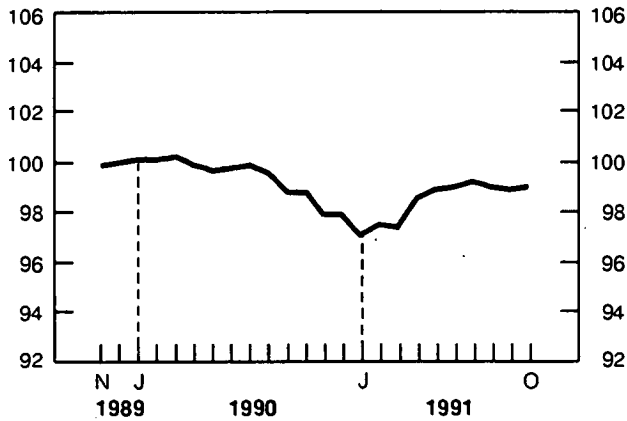
Output of rubber products, food, and refined petroleum products also advanced..

Gross Domestic Product

Seasonally adjusted at annual rates at 1986 prices

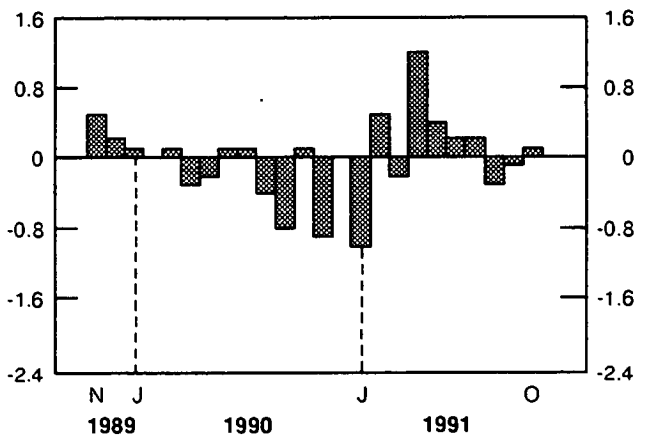
Total Economy

Index (January 1990 = 100)



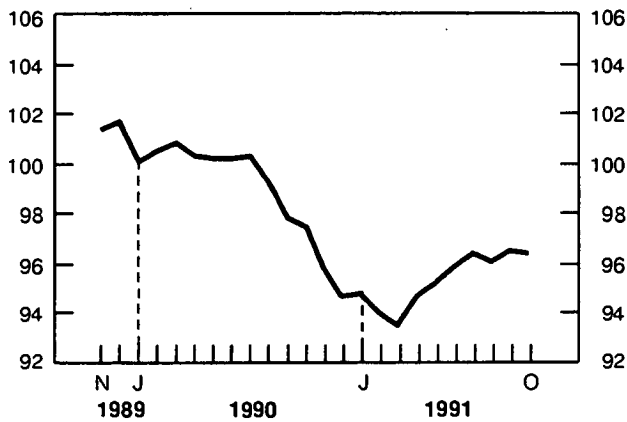
Total Economy

% change

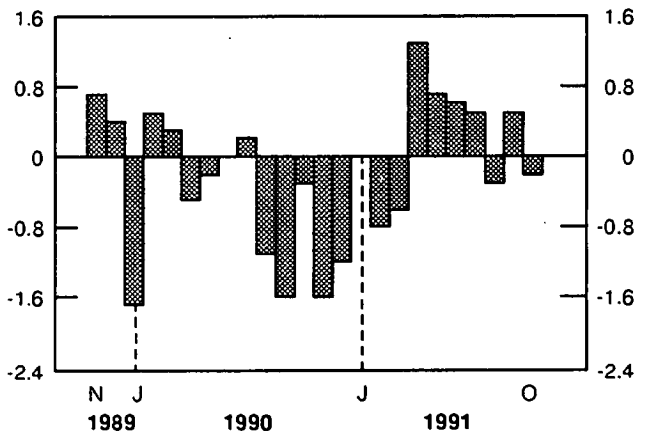


Goods

Index (January 1990 = 100)

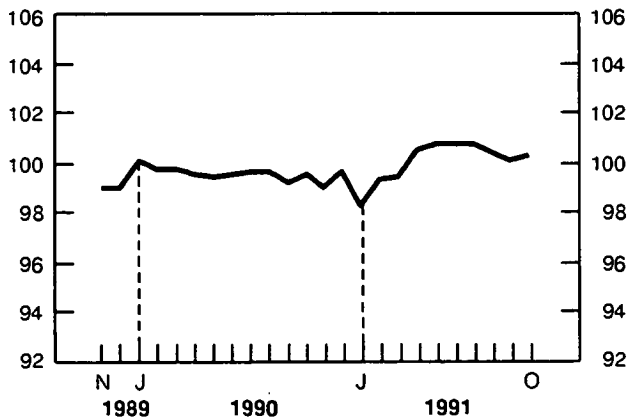


% change

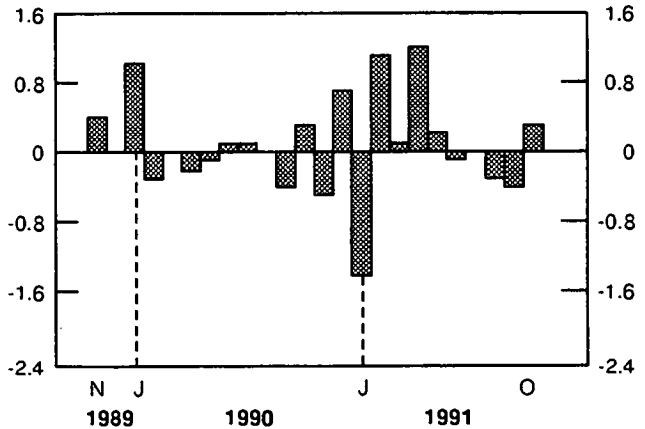


Services

Index (January 1990 = 100)



% change



Following two consecutive monthly increases, utility output dropped 0.6%. Electrical power output dropped 0.8%. Gas distribution partly offset these October losses, advancing 1.3% to its highest level since December 1989.

Construction output rose 1.6% following a flat September and August. Improved market conditions spurred a 6.1% surge in residential construction to a level 27.6% above its trough in March 1991, and its highest level of output since July 1990. The gain was led by increased activity on singles. Reduced work on industrial projects paced non-residential construction to a 2.1% loss and its lowest level since January 1985. Other engineering construction advanced 0.8%.

Following declines in the previous three months, mining output advanced 1.1%. A 7.4% advance in other metal mines brought the cumulative gain to 19.8% since its April 1991 trough, and output to its highest level since April 1989. Drilling activity related to mineral extraction continued its downward trend, dropping a further 8.0% to a level 45% below its recent peak in January 1991.

Available on CANSIM: matrices 4671-4674.

The October 1991 issue of *Gross Domestic Product by Industry* (15-001, \$12.10/\$121) is scheduled for release in January 1992. Contact: Lyle Sager (613-951-9164), Industry Measures and Analysis Division.

Real Gross Domestic Product at Factor Cost by Industry, at 1986 Prices by Month

(Seasonally Adjusted at Annual Rates)
(\$ millions)

	1990	1991			
	October	July	August	September	October
Total Economy	504,657.0	506,884.2	505,347.8	504,812.1	505,485.0
Business Sector:	414,012.9	415,795.8	414,288.2	414,225.3	414,379.8
Goods:	171,760.8	169,846.8	169,340.4	170,145.6	169,866.0
Agriculture	11,685.6	11,380.8	11,392.8	11,420.4	11,461.2
Fishing and Trapping	936.3	894.0	879.6	858.0	874.8
Logging Industry	2,563.2	2,624.4	2,659.2	2,632.8	2,529.6
Mining Industries	19,743.8	19,833.6	19,725.6	19,718.4	19,928.4
Manufacturing Industries	88,872.2	86,604.0	85,886.4	86,494.8	85,622.4
Construction Industries	32,063.4	32,307.6	32,332.8	32,361.6	32,894.4
Other Utility Industries	15,896.3	16,202.4	16,464.0	16,659.6	16,555.2
Services:	242,252.1	245,949.0	244,947.8	244,079.7	244,513.8
Transportation and Storage	22,357.8	22,219.2	21,865.2	21,403.2	21,511.2
Communication Industries	18,773.4	19,063.2	19,246.8	19,472.4	19,641.6
Wholesale Trade	25,488.1	27,091.2	27,254.4	27,069.6	27,026.4
Retail Trade	30,034.2	29,550.0	29,064.0	29,277.6	28,916.4
Finance, Insurance and Real Estate	80,598.9	84,621.6	84,519.6	84,268.8	85,204.8
Community, Business and Personal Services	64,999.7	63,403.8	62,997.8	62,588.1	62,213.4
Non-business Sector:	90,644.1	91,088.4	91,059.6	90,586.8	91,105.2
Goods:	921.4	928.8	938.4	921.6	909.6
Services:	89,722.7	90,159.6	90,121.2	89,665.2	90,195.6
Government Service Industry	33,352.5	33,646.8	33,540.0	33,097.2	33,579.6
Community and Personal Services	53,022.4	53,218.8	53,271.6	53,247.6	53,305.2
Other Services	3,347.8	3,294.0	3,309.6	3,320.4	3,310.8
Other Aggregations:					
Goods-producing Industries	172,682.2	170,775.6	170,278.8	171,067.2	170,775.6
Services-producing Industries	331,974.8	336,108.6	335,069.0	333,744.9	334,709.4
Industrial Production	125,433.7	123,568.8	123,014.4	123,794.4	123,015.6
Non-durable Manufacturing	41,536.5	40,813.2	40,461.6	40,809.6	40,297.2
Durable Manufacturing	47,335.7	45,790.8	45,424.8	45,685.2	45,325.2

DATA AVAILABILITY ANNOUNCEMENTS

Railway Carloadings

Seven-day Period Ending December 14, 1991

Highlights

- Revenue freight loaded by railways in Canada during the period totalled 4.9 million tonnes, an increase of 2.7% over the same period last year.
- Piggyback traffic increased 10.8% from the same period last year. The number of cars loaded increased 10.6% during the same period.
- The tonnage of revenue freight loaded to date this year increased 0.5% from the previous year.

Note to users

Piggyback traffic includes trailers and containers on flat cars. Piggyback traffic numbers are included in total carload traffic. All 1990 figures and 1991 cumulative data have been revised.

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

Process Cheese and Instant Skim Milk Powder

November 1991

Production of process cheese in November 1991 totalled 4 924 054 kilograms, a decrease of 16.7% from October 1991 number and a decrease of 21.7% from the revised November 1990 level. The 1991 year-to-date production totalled 69 955 882 kilograms, compared to the corresponding 1990 amount of 77 206 340^r (revised) kilograms.

Total production of instant skim milk powder during the month was 567 222 kilograms, an increase of 99.5% from October 1991 and an increase of 42.1% from November 1990. Cumulative year-to-date production totalled 4 184 850 kilograms, compared to the 4 069 716 kilograms reported for the corresponding period in 1990.

Available on CANSIM: matrix 188 (series 1.10).

The November 1991 issue of *Production and Inventories of Process Cheese and Instant Skim Milk Powder* (32-024, \$5/\$50) will be available at a later date. See "How to Order Publications".

For more detailed information on this release, contact Peter Zylstra (613-951-3511), Industry Division. ■

Gypsum Products

November 1991

Manufacturers shipped 18 042 thousand square metres of plain gypsum wallboard in November 1991, down 5.9% from the 19 175 thousand square metres shipped in November 1990 and down 10.5% from the 20 155 thousand square metres shipped in October 1991.

Year-to-date shipments were 179 753 thousand square metres, a decrease of 24.6% from the January to November 1990 period.

Available on CANSIM: matrices 39 and 122 (series 11).

The November 1991 issue of *Gypsum Products* (44-003, \$5/\$50) will be available at a later date. See "How to Order Publications".

For more detailed information on this release, contact Roland Joubert (613-951-3527), Industry Division. ■

Asphalt Roofing

November 1991

Shipments of asphalt shingles totalled 1 826 854 metric bundles in November 1991, an increase of 17.2% from the 1 558 341^r (revised) bundles shipped a year earlier.

January to November 1991 shipments were 36 133 619 bundles, up 1.8% from 35 492 100^r bundles shipped during the same period in 1990.

Available on CANSIM: matrices 32 and 122 (series 27 and 28).

The November 1991 issue of *Asphalt Roofing* (45-001, \$5/\$50) will be available at a later date. See "How to Order Publications".

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

Corrugated Boxes and Wrappers

November 1991

Canadian domestic shipments of corrugated boxes and wrappers totalled 163 373 thousand square metres in November 1991, a decrease of 2.5% from the 167 648^r (revised) thousand square metres shipped a year earlier.

January to November 1991 domestic shipments totalled 1 851 285^r thousand square metres, down 3.7% from the 1 921 978^r thousand square metres for the same period in 1990.

The November 1991 issue of *Corrugated Boxes and Wrappers* (36-004, \$5/\$50) will be available at a later date. See "How to Order Publications".

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

Production and Sales of Major Appliances

November 1991

Data on domestic sales of major appliances by Canadian manufacturers for the month of November are now available.

Available on CANSIM: matrices 65, 66 and 122 (series 30).

The November 1991 issue of *Production, Sales and Stocks of Major Appliances* (43-010, \$5/\$50) 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. ■

Production, Shipments and Stocks of Sawmills East of the Rockies

October 1991

Production of lumber in sawmills east of the Rockies increased 0.8% to 1 872 543 cubic metres in October

1991 from 1 856 966 cubic metres after revisions in October 1990.

Stocks on hand at the end of October 1991 totalled 2 851 486 cubic metres, an increase of 23.1% compared to 2 315 620 cubic metres in October 1990.

Year-to-date production in 1991 amounted to 17 135 657 cubic metres, a decrease of 7.0% compared to 18 422 954 cubic metres after revisions for the same period in 1990.

Available on CANSIM: matrices 53 and 122 (series 2).

The October 1991 issue of *Production, Shipments and Stocks on Hand of Sawmills East of the Rockies* (35-002, \$10/\$100) will be available at a later date. See "How to Order Publications".

For more detailed information on this release, contact Jacques Lepage (613-951-3516), Industry Division. ■

Processed Fruits And Vegetables

October 1991

Data on processed fruits and vegetables for October 1991 are now available. The publication *Canned and Frozen Fruits and Vegetables-Monthly* (32-011, \$5/\$50) will be released at a later date. See "How to Order Publications".

For further information, contact Peter Zylstra (613-951-3511), Industry Division. ■

Heritage Institutions

1989-1990

Data from the 1989-1990 annual survey of heritage institutions in Canada are now available on a cost-recovery request. Information on attendance and employment can be obtained, as well as detailed breakdowns of revenues and expenditures, tabulated by province or by institution type.

For further information on this release, contact Erika Dugas (613-951-1568), Education, Culture and Tourism Division. ■

PUBLICATIONS RELEASED

The Dairy Review, October 1991.

Catalogue number 23-001

(Canada: \$12.20/\$122; United States: US\$14.60/
US\$146; Other Countries: US\$17.10/US\$171).

Monthly Production of Soft Drinks,

November 1991.

Catalogue number 32-001

(Canada: \$2.70/\$27; United States: US\$3.20/US\$32;
Other Countries: US\$3.80/US\$38).

Rigid Insulating Board, November 1991.

Catalogue number 36-002

(Canada: \$5/\$50; United States: US\$6/US\$60;
Other Countries: US\$7/US\$70).

Primary Iron and Steel, October 1991.

Catalogue number 41-001

(Canada: \$5/\$50; United States: US\$6/US\$60;
Other Countries: US\$7/US\$70).

**Production and Shipments of Steel Pipe and
Tubing**, October 1991.

Catalogue number 41-011

(Canada: \$5/\$50; United States: US\$6/US\$60;
Other Countries: US\$7/US\$70).

Mineral Wool Including Fibrous Glass Insulation,
November 1991.

Catalogue number 44-004

(Canada: \$5/\$50; United States: US\$6/US\$60;
Other Countries: US\$7/US\$70).

Air Charter Statistics, 1990.

Catalogue number 51-207

(Canada: \$36; United States: US\$43;
Other Countries: US\$50).

Road Motor Vehicles, Fuel Sales, 1990.

Catalogue number 53-218

(Canada: \$17; United States: US\$20;
Other Countries: US\$24).

Telephone Statistics, October 1991.

Catalogue number 56-002

(Canada: \$8.30/\$83; United States: US\$10/US\$100;
Other Countries: US\$11.60/US\$116).

**Service Bulletin - Service Industry, Traveller
Accommodation Statistics**, 1989.

Catalogue number 63-015

(Canada: \$7.20/\$43; United States: US\$8.65/US\$52;
Other Countries: US\$10/US\$60).

Industrial Research and Development Statistics,
1989 (with 1990 and 1991 estimates).

Catalogue number 88-202

(Canada: \$44; United States: US\$53;
Other Countries: US\$62).

The paper used in this publication meets the minimum
requirements of American National Standard for
Information Sciences - Permanence of Paper for Printed
Library Materials, ANSI Z39.48 - 1984.



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for the ordering of Statistics Canada products and
services.*

MAJOR RELEASE DATES: JANUARY 1992

(Release dates are subject to change)

Anticipated date(s) of release	Title	Reference period
January		
3	Industry Selling Price Index	November 1991
3	Raw Materials Price Index	November 1991
3	Sales of Refined Petroleum Products	November 1991
6	Building Permits	October 1991
7	Canadian Composite Leading Indicator	October 1991
8	Help-wanted Index	December 1991
9	New Motor Vehicle Sales	November 1991
10	Labour Force Survey	December 1991
10	New Housing Price Index	November 1991
10	Department Store Sales by Province and Metropolitan Area	November 1991
13	Estimates of Labour Income	October 1991
14	Farm Product Price Index	November 1991
16	Monthly Survey of Manufacturing	November 1991
17	Preliminary Statement of Canadian International Merchandise Trade	November 1991
17	Travel Between Canada and Other Countries	November 1991
21	Consumer Price Index	December 1991
21	Retail Trade	November 1991
21	Sales of Natural Gas	November 1991
22	Department Store Sales and Stocks	November 1991
23	Wholesale Trade	November 1991
23	Canada's International Transactions in Securities	November 1991
29	Unemployment Insurance Statistics	November 1991
29	Industry Selling Price Index	December 1991
29	Raw Materials Price Index	December 1991
30	Employment, Earnings and Hours	November 1991
30	Sales of Refined Petroleum Products	December 1991
31	Real Gross Domestic Product at Factor Cost by Industry	November 1991
31	Building Permits	November 1991
31	Field Crop Reporting Series: No. 1, December 31 Grain Stocks	
31	Major Release Dates	February 1992

The February 1992 release schedule will be published on January 31, 1992. **Users note:** This schedule can be retrieved from **CANSIM** by the command **DATES**. Contact Greg Thomson (613-951-1116), Communications Division.

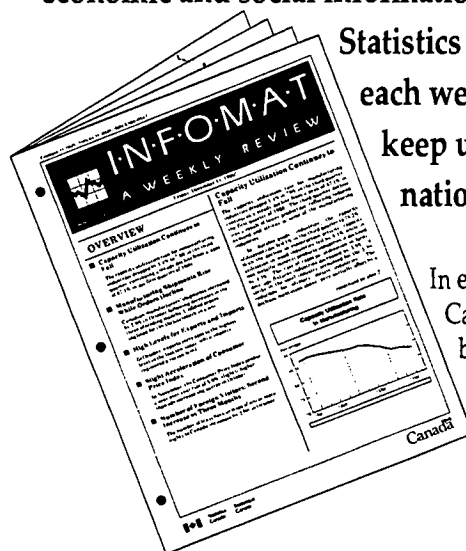


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