



# The Daily

Statistics Canada

Monday, June 18, 1990

For release at 10:00 a.m.

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## MAJOR RELEASE

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- **Canadian Cancer Statistics, 1990** 2  
 During 1990, it is estimated that 104,000 new cases of cancer will be diagnosed in Canada and 54,500 deaths will be attributable to the disease.
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## MAJOR RELEASE

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### Canadian Cancer Statistics 1990

During 1990, an estimated 104,000 new cases of cancer will be diagnosed in Canada (excluding non-melanoma skin cancer). Estimated cancer deaths in 1990 will total 54,500. Lung cancer alone is expected to account for 17,300 (16.6%) of newly diagnosed cancers and 14,200 (26.0%) of all cancer deaths in 1990.

During their lifetime, just over one in three Canadians can expect to develop some form of cancer, while one in four men and one in five women will die from this disease. Almost 10% of women will develop breast cancer, while lung cancer is anticipated to occur in close to 8% of men.

Highlights from *Canadian Cancer Statistics 1990*, released jointly today by Statistics Canada and the Canadian Cancer Society, include:

#### New Cases and Cancer Deaths

- In 1990, an estimated<sup>1</sup> 54,600 new cancers will be diagnosed in men and 49,200 in women. As with new cases, more cancer deaths will occur in men than in women: 29,900 men will die from cancer this year, compared to 24,600 women.
- For men, three leading types of cancer in 1990 will account for over half (55%) of all newly diagnosed cancers: lung (11,800 new cases), prostate (10,300), and colorectal cancer (7,700). For women, the three leading types – breast (13,400), colorectal (7,400), and lung (5,500) – will comprise 53% of new cases.
- As to cancer deaths, the three leading types for men will be the same as for new cases. In 1990, 9,800 men will die from lung cancer, 3,300 from prostate cancer, and 3,000 from colorectal cancer.
- For women, however, the rank order of causes of cancer deaths varies from that of new cases: at 4,900 deaths in 1990, breast cancer will remain

the leading cause of cancer death for women, followed by lung (4,400), and colorectal cancer (2,900).

#### Trends in Incidence and Mortality

- The incidence rate of new cancer cases occurring per 100,000 population has increased steadily since 1970 for men (just over 1% per year) and also for women, but not as fast. In contrast, cancer mortality rates have risen less quickly for men (about 0.5% per year since 1970) and have remained constant for women.
- Trends in overall cancer mortality rates are strongly influenced by changes in trends for lung cancer: when lung cancer mortality is excluded, the overall cancer mortality rate for males remains about the same between 1970 and 1988. For women, cancer mortality rates excluding lung cancer have dropped by about 12% since 1970.
- Lung cancer incidence rates for men showed a sharp drop in 1985 (the most recent year for which data are available) – the first sign in Canadian data that trends in lung cancer incidence will parallel those for mortality. Lung cancer mortality rates to 1988 have remained relatively stable for men since reaching a peak in 1984.
- For women, lung cancer is the most rapidly increasing type of cancer: incidence rates have tripled since 1970, reflecting an average annual increase of just under 6%. As of 1988, however, lung cancer had not yet overtaken breast cancer as the leading cause of cancer deaths for women.
- Melanoma of the skin is the second most rapidly increasing form of cancer, with average annual increases in incidence of 6.3% for men and 5.2% for women. Melanoma is expected to account for 2,600 new cases of cancer in 1990.
- Substantial declines in mortality rates (of about 3% to 5% per year) have occurred for several types of cancer – Hodgkin's Disease, cancer of the testis, all childhood cancers, and childhood leukemia – accompanied by stable or slightly increasing incidence rates. Improved treatment methods are considered responsible for the decline in mortality rates for these cancers.

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<sup>1</sup> Estimates of new cancer cases and deaths were produced by applying regression methodology to actual figures for cancer incidence (1970-1985) and deaths (1970-1988) as reported to Statistics Canada by provincial cancer registries and vital statistics registrars.

## Survival

- Cancer survival rates from the Saskatchewan Cancer Registry are highlighted in this year's edition. These data show that about half of all women diagnosed with cancer survive five years, but only about one-third of men, due primarily to the greater incidence among men of cancers with very poor survival rates.
- Poorer survival rates also occur with increasing age, due partly to the increased risk at older ages of dying from causes other than cancer, and partly because of the higher proportion of lethal tumours, such as stomach, pancreas and lung, in older age groups.
- Long-term survival rates are published for the first time in Canada: these show that for many forms of cancer, the survival rates fall steeply in the first few years and then flatten out after about five years, implying that such cancers may be considered cured after five years. In contrast, survival rates for breast and prostate cancers

continue to decline for 10 years or more after diagnosis.

## Children (Aged 0 - 14)

- In 1985, 816 new cases of cancer were diagnosed in children; of these 273 (or one-third) were leukemias and a further 163 (or 20%) were brain cancers.
- Cancer is the fourth leading cause of death in children: in 1988, 218 children died from the disease.

*Canadian Cancer Statistics, 1990* is available free of charge from the Canadian Cancer Society, 77 Bloor Street West, Suite 1702, Toronto, Ontario M5S 3A1 (416-961-7223), or through any local division of the Canadian Cancer Society or regional office of Statistics Canada.

For further information, contact Leslie Gaudette (613-951-1740) or Nelson Nault (613-951-1758), Health Status Section, Canadian Centre For Health Information.

## Estimated New Cases and Deaths for Major Sites of Cancer Canada 1990

Site	Estimated New Cases 1990			Estimated Deaths 1990		
	Total	Male	Female	Total	Male	Female
<b>All cancers<sup>1</sup></b>	<b>104,000</b>	<b>54,600</b>	<b>49,200</b>	<b>54,500</b>	<b>29,900</b>	<b>24,600</b>
Lung	17,300	11,800	5,500	14,200	9,800	4,400
Colorectal	15,100	7,700	7,400	5,900	3,000	2,900
Female breast	13,400	...	13,400	4,900	...	4,900
Prostate	10,300	10,300	...	3,300	3,300	...
Lymphoma	5,800	3,100	2,700	2,700	1,450	1,250
Bladder	5,000	3,700	1,300	1,140	800	340
Body of uterus	3,100	...	3,100	560	...	560
Leukemia	2,950	1,700	1,250	1,860	1,050	810
Stomach	2,950	1,850	1,100	2,010	1,250	760
Oral	2,920	2,100	820	980	700	280
Pancreas	2,750	1,400	1,350	2,700	1,400	1,300
Melanoma	2,600	1,200	1,400	520	300	220
Kidney	2,530	1,550	980	1,090	670	420
Brain	1,970	1,100	870	1,370	760	610
Ovary	1,900	...	1,900	1,200	...	1,200
Cervix	1,400	...	1,400	380	...	380
All other sites	11,830	7,100	4,730	9,690	5,420	4,270

<sup>1</sup> Totals exclude an estimated 43,000 cases of non-melanoma skin cancer.  
... not applicable.

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## DATA AVAILABILITY ANNOUNCEMENTS

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### Corrugated Boxes and Wrappers

May 1990

Canadian domestic shipments of corrugated boxes and wrappers totalled 179 754 thousand square metres in May 1990, a decrease of 8.4% from the 196 301 thousand square metres shipped a year earlier.

January-to-May 1990 domestic shipments totalled 864 528 thousand square metres, down 6.5% from the 924 480 thousand square metres for the same period in 1989.

The May 1990 issue of *Corrugated Boxes and Wrappers* (36-004, \$5/\$50) will be available at a later date. See "How to Order Publications".

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

### Railway Operating Statistics

December 1989

The seven major railways reported a combined net loss of \$412.8 million in December 1989. Operating revenues of \$553.8 million were down \$50.6 million from the December 1988 figure.

Revenue freight tonne-kilometres were down 6.1% from December 1988. Freight train-kilometres registered a decrease of 2.6%, while freight car-kilometres decreased by 6.1%.

All 1988 figures and 1989 cumulative data have been revised.

**Available on CANSIM: matrix 142.**

The December 1989 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 further information on this release, contact Angus MacLean (613-951-2484), Transportation Division. ■

### Structural Steel Price Indexes

First Quarter 1990

Price indexes for the first quarter of 1990 for fabricated structural steel-in-place are now available.

These indexes, at a Canada level, show an increase of 1.2% from the fourth quarter of 1989 and an increase of 3.0% over one year ago.

**Available on CANSIM: matrix 419.**

Order the first quarter 1990 issue of *Construction Price Statistics* (62-007, \$18/\$72), available at a later date. See "How to Order Publications".

For further information on this release, contact Bernard Lebrun (613-951-3389), Prices Division. ■

### Motor Carrier Freight - Quarterly Survey

First Quarter 1990

The results of the Motor Carrier Freight Quarterly Survey, covering the activities of the 46 largest carriers of the for-hire trucking industry in the first quarter of 1990, are now available.

#### Highlights

- The 46 largest carriers, earning \$25 million or over annually, generated total operating revenues of \$793.9 million during the first quarter of 1990. Some 78.3% of the revenues were generated domestically, while 21.7% were from international movements. Revenues generated from international freight movements into Canada were 9.1% higher than the revenues from movements out of Canada.
- Salaries and wages accounted for 36.0% of the total operating expenses, fuel 6.3%, payments to owner operators 20.4% and other purchased transportation expenses 7.5%.
- Operating expenses recorded were almost equivalent to operating revenues generated for the quarter, yielding an operating ratio of 1.00.
- This ratio is a slight deterioration from the ratio of .99 recorded for the same quarter of 1989 and a marginal improvement over the 1.01 ratio for the last quarter of 1989.

For further information, contact Yasmin Sheikh (613-951-2518), Transportation Division. ■

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## Highway, Road, Street and Bridge Contractors

1987

### Highlights

- Construction output of highway, road, street and bridge contractors increased by 4% to \$4,173 million in 1987. Provinces showing growth were: New Brunswick 11%, Quebec 9%, Ontario 11% and British Columbia 4%. The remaining provinces had declines of between 3% and 20%.
- Industry profits, at 3.9% of total operating revenues, were down slightly from the 1986 level of 4.3%.

Complete census data will be available in the 1987 issue of *Highway, Road, Street and Bridge Contractors* (64-206, \$22), to be released this month. See "How to Order Publications".

For further information, contact S. St.-Amour (613-951-3499), Construction Industry Survey Section, Industry Division. ■

## Heavy Engineering Contractors

1987

### Highlights

- Construction output of heavy engineering contractors increased by 4% to \$4,345 million in 1987. Provinces showing growth were: Newfoundland 68%, Ontario 12%, Saskatchewan 125% and Alberta 10%. The remaining provinces had declines of between 2% and 41%.

- Industry profits, at 1.6% of total operating revenues, were down 16% from the 1986 level of 1.9%.

Complete census data will be available in the 1987 issue of *Heavy Engineering Contractors* (64-209, \$22), to be released this month. See "How to Order Publications".

For further information, contact S. St.-Amour (613-951-3499), Construction Industry Survey Section, Industry Division. ■

## Grain Marketing Situation Report

May 1990

The situation report for May is now available. This report presents up-to-date information on the Canadian and world grain supply and market situation.

For further information on this release, contact Karen Gray (204-983-2856), Agriculture Division. ■

## Processed Fruits and Vegetables

February 1990

Data on processed fruits and vegetables for February 1990 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 Brian Preston (613-951-3511), Industry Division. ■



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## PUBLICATIONS RELEASED

**Agriculture Economic Statistics**, June 1990.  
**Catalogue number 21-603E**  
(Canada: \$21; United States: US\$25; Other Countries US\$29).

**Canned and Frozen Fruits and Vegetables - Monthly**, January 1990.  
**Catalogue number 32-011**  
(Canada: \$5/\$50; United States: US\$6/US\$60; Other Countries: US\$7/US\$70).

**Apparent Per Capita Food Consumption in Canada, Part 1, 1989.**  
**Catalogue number 32-229**  
(Canada: \$27; United States: US\$32; Other Countries: US\$38).

**Primary Iron and Steel**, April 1990.  
**Catalogue number 41-001**  
(Canada: \$5/\$50; United States: US\$6/US\$60; Other Countries: US\$7/US\$70).

**Electric Lamps (Light Bulbs and Tubes)**, May 1990.  
**Catalogue number 43-009**  
(Canada: \$5/\$50; United States: US\$6/US\$60; Other Countries: US\$7/US\$70).

**Electric Power Statistics**, March 1990.  
**Catalogue number 57-001**  
(Canada: \$10/\$100; United States: US\$12/US\$120; Other Countries: US\$14/US\$140).

**Farm Product Price Index**, April 1990.  
**Catalogue number 62-003**  
(Canada: \$7.10/\$71; United States: US\$8.50/US\$85; Other Countries: US\$9.90/US\$99).

### How to Order Publications

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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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