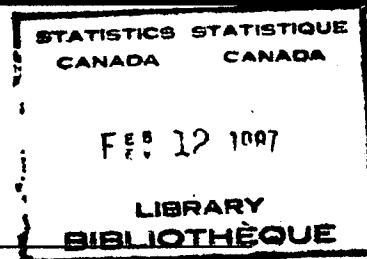


# The Daily

## Statistics Canada

Thursday, February 12, 1987



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#### The Changing Labour Market for Postsecondary Graduates, 1975-1984 4

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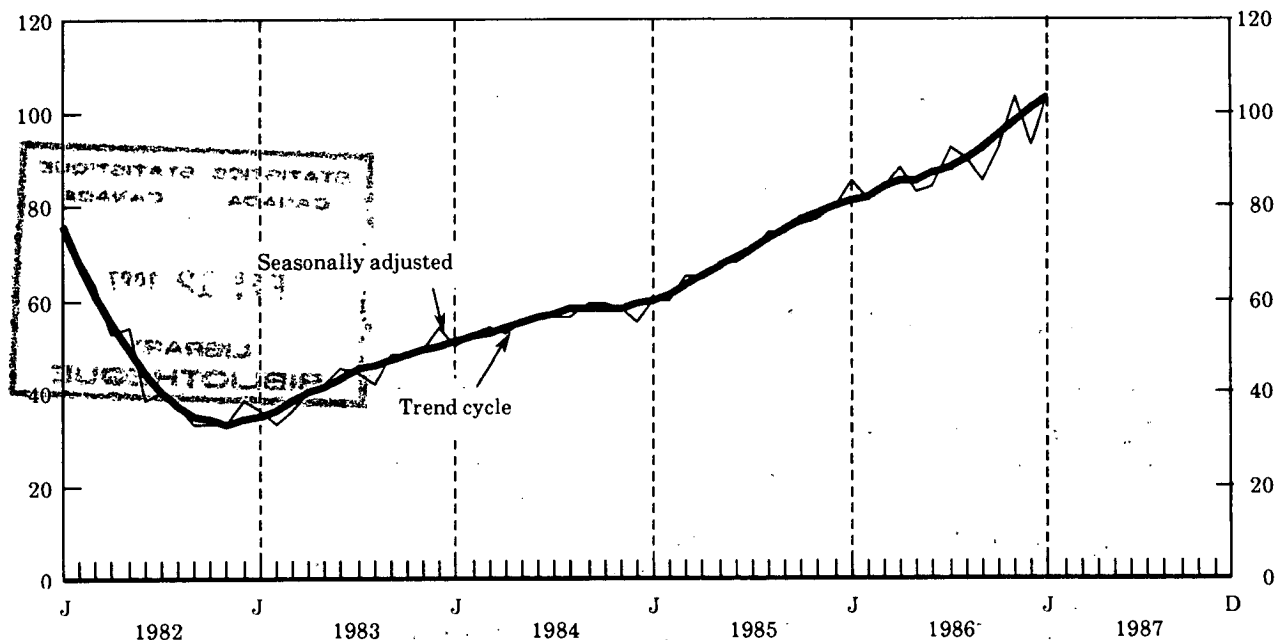
Statistics Canada  
Statistique Canada

Canada

## Major Releases

### Help-wanted Index, Canada (1981 = 100)

Jan. 1982 to January 1987



### Help-wanted Index January 1987

The Help-wanted Index monitors the space devoted to help-wanted ads published in 18 major metropolitan area newspapers and serves as an indicator of the demand for labour.

The seasonally adjusted Help-wanted Index for Canada (1981=100) increased to 104 in January 1987 from 93 in December 1986. While the index has fluctuated throughout the past 12 months, the overall trend has been slightly upward.

Between December 1986 and January 1987, the Help-wanted Index increased in all regions. The most significant advances were observed in the Atlantic provinces (to 138 from 108), in Quebec (to 105 from 97) and in Ontario (to 145 from 130). For Ontario, the index reached its highest level since 1962, the first year for which data are available. Over the past 12 months the indexes in the Prairie pro-

vinces and in British Columbia have remained relatively stable.

The Canada trend-cycle<sup>1</sup>, which has generally been increasing since December 1982, continued its advance in January 1987 (see chart). This was mainly the result of advances in the index in Ontario.

(see table on page 3)

<sup>1</sup> The trend cycle provides an indication of the direction in the demand for labour as measured by the Help-wanted Index. It is calculated by the X-11 ARIMA seasonal adjustment program. Essentially, the calculation involves a moving average which smooths irregular fluctuations in the seasonally adjusted data.

Available on CANSIM: matrix 105.

Contact: Jean-Pierre Maynard (613-991-4045) or Horst Stiebert (613-991-4044), Labour Division.

# **Help-wanted Index, Canada and Regions**

(1981 = 100)

Seasonally Adjusted

Year and month	Canada	Atlantic Region	Quebec	Ontario	Prairie Region	British Columbia
<b>1986</b>						
January	85	108	93	107	43	38
February	81	115	89	98	46	41
March	84	109	90	105	46	43
April	88	98	93	120	45	40
May	83	101	95	107	44	37
June	84	109	87	113	44	41
July	92	117	93	132	43	40
August	90	129	97	118	44	39
September	85	95	98	107	43	41
October	92	144	102	118	42	43
November	103	119	121	128	46	40
December	93	108	97	130	44	37
<b>1987</b>						
January	104	138	105	145	48	39

## The Changing Labour Market for Postsecondary Graduates

1975-1984

College and university graduates, as a whole, had lower unemployment rates and higher salaries than their non-graduate counterparts in both 1978 and 1984. Furthermore, the unemployment gap between graduates and non-graduates increased over this period, even though unemployment among graduates increased and real earnings fell.

The report *The Changing Labour Market for Postsecondary Graduates (1975-1984)*, released today, provides a review of labour market changes for postsecondary graduates by examining two sources of data: employment trends during the 1975-1984 period in industries and occupations of importance to graduates, and follow-up surveys of postsecondary graduates conducted in 1978 and 1984.

### Highlights:

- Throughout the 1975-1984 period, job creation was more rapid for the types of jobs that postsecondary graduates enter than for the labour force as a whole.
- Between 1975 and 1980, job creation was the fastest in occupations entered by computer science, engineering and social sciences graduates (employment grew an average 4.7% annually); the lowest growth (in the 3% range) was for graduates in the health sciences, humanities and forestry, mining and fishing.
- The 1981-82 recession negatively affected employment opportunities for graduates in many fields. The decline was particularly severe for engineering, mathematics and physical sciences graduates of universities.

## The Supply of Graduates

- The total number of postsecondary graduates increased each year between 1976 and 1983.
- The number of community college graduates increased much faster (an annual average 4.9%) than the number of university graduates (average annual 1.8%).
- At the college level, the supply of new graduates increased fastest in business and commerce (increasing an average 11% annually) and data processing (18%). Health sciences was the only field where the number of graduates fell (by 16% over the period between 1976 and 1983).
- At the university level, mathematics, and physical science, including computer sciences (increasing 4.6% annually on average), social sciences (5.2%) and engineering and applied sciences (6.5%) experienced the most rapid growth in supply of new graduates between 1976 and 1983. The number of education, humanities, agriculture and biological science graduates fell slightly during this period.

Order *The Changing Labour Market for Postsecondary Graduates, 1975-1984* (89-518, \$26), now available. Contact: Garnett Picot (613-990-8214), Social and Economic Studies Division, or Doug Lynd (613-991-1524), Education, Culture and Tourism Division.

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## Data Availability Announcements

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### Steel Ingots and Pig Iron

January 1987

Preliminary steel ingot production for January 1987 totalled 1 240 000 tonnes, an increase of 7.1% from 1 158 208 tonnes the previous year.

Preliminary pig iron production totalled 870 000 tonnes in January, up 15.7% from 751 926 tonnes a year earlier.

Year-to-date steel ingot production totalled 1 240 000 tonnes, an increase of 7.1% from 1 158 208 tonnes for the same period the previous year.

Year-to-date pig iron production totalled 870 000 tonnes, an increase of 15.7% compared to 751 926 tonnes for the same period the previous year.

Order the January 1987 issue of *Primary Iron and Steel* (41-001, \$4/\$40). Contact: G.W. Barrett (613-991-3515), Industry Division.

### Electric Storage Batteries

December 1986

Canadian manufacturers sold 215,059 automotive replacement batteries in December 1986, a decrease of 20.4% from the 270,074<sup>r</sup> (revised figure) batteries sold a year earlier.

Year-to-date sales amounted to 2,555,068 automotive replacement batteries in December 1986, down 9.5% from 2,823,108<sup>r</sup> for the same period in 1985.

Order the December 1986 issue of *Factory Sales of Electric Storage Batteries* (43-005, \$4/\$40), available the week of February 16. Contact: J.P. Beauparlant (613-991-3526), Industry Division.

### Construction Type Plywood

December 1986

Canadian firms produced 148 525 cubic metres (167,843,000 square feet, 3/8-inch basis) of construction type plywood during December 1986, an increase of 0.7% from the 147 462 cubic metres (166,642,000 square feet, 3/8-inch basis) produced during December 1985.

January to December 1986 production totalled 1 876 896 cubic metres (2,121,026,000 square feet, 3/8-inch basis), a decrease of 4.1% from the 1 957 887 cubic metres (2,212,537,000 square feet, 3/8-inch basis) produced during the same period in 1985.

Available on CANSIM: matrix 122 (level 1).

Order the December 1986 issue of *Construction Type Plywood* (35-001, \$4/\$40) to be released the week of February 16. Contact: Jock Dobie (604-666-2671), British Columbia and Yukon Regional Office, Sinclair Centre, 757 West Hastings Street, Vancouver, B.C. V6C 3C9.



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The Daily, February 12, 1987

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## Publications Released

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**Air Carrier Traffic at Canadian Airports,**  
Second Quarter 1985.

**Catalogue number 51-005**

(Canada: \$38/\$152; Other Countries:  
\$39/\$156).

**Electric Power Statistics,**

November 1986. **Catalogue number 57-001**

(Canada: \$8/\$80; Other Countries: \$9/\$90).

**Corporation Financial Statistics, 1984.**

**Catalogue number 61-207**

(Canada: \$50; Other Countries: \$51.50).

**Department Store Sales and Stocks,**  
October 1986. **Catalogue number 63-002**

(Canada: \$13/\$130; Other Countries:  
\$14/\$140).

**Retail Trade, November 1986.**

**Catalogue number 63-005**

(Canada: \$14/\$140; Other Countries:  
\$15/\$150).

**The Changing Labour Market for**  
**Postsecondary Graduates, 1975-1984.**

**Catalogue number 89-518**

(Canada: \$26; Other Countries: \$27.50).

*Statistics Canada publications may be purchased by mail order from Publication Sales, Room 1710, Main Building, Statistics Canada, Ottawa K1A 0T6 or phone 613-993-7276.*

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