

The Daily

Statistics Canada

Friday, December 23, 1988

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Earnings of Men and Women, 1987

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- For women working full-time throughout 1987, average earnings were 65.9% of their male counterparts, virtually unchanged from 65.8% in 1986.

Employment, Earnings and Hours, October 1988

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- Average weekly earnings for all employees were estimated at \$470.09 – up 4.0% from a year earlier.

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Major Releases

Earnings of Men and Women 1987

For women working full-time throughout 1987, average earnings were \$21,012 or 65.9% of male average earnings (\$31,865), virtually unchanged from 65.8% in 1986. Twenty years ago (1967) the proportion was 58.4% and 10 years ago (1977) it was 62.1%.

Earnings of Men and Women, 1987 is the latest report showing annual earnings by sex. The data are drawn from the Survey of Consumer Finances conducted in April 1988. This report compares 1987 earnings of men and women by such characteristics as age, education, occupation and marital status. Also included are earnings data of husband-wife families.

Highlights from the report based on data for full-year full-time workers include:

- The female to male earnings ratio ranged from a low of 61.0% in Nova Scotia to a high of 71.1% in Prince Edward Island.
 - In the 45 to 54 age group, females earned 61.1% of males compared to 87.0% in the 15 to 19 age group.
 - The female to male earnings ratio ranged from 59.2% for earners with grade eight education or less to 69.6% for those with university degrees.
 - Single (never-married) females earned 93.5% of single males compared to 60.8% for married and 68.1% for other categories.
- More than two-thirds (68.5%) of all husband-wife families were dual-earner families in 1987 compared to just over one half (53.6%) in 1977.
 - Average income of dual-earner families was \$53,479 while that of families with the husband as sole earner was \$41,507.
 - Among dual-earner families, earnings of wives accounted for 28.3% of family income (26.3% in 1977).

It should be noted that there is no simple explanation for differences in earnings by sex for full-year full-time workers. Other important variables such as years of labour market experience, annual hours worked and educational attainment would have to be considered simultaneously to isolate the effect of gender alone.

(See table on next page)

Earnings of Men and Women, 1987 (13-217, \$15) is now available. See "How to Order Publications".

A microdata tape containing 1987 earnings and income data for individuals, along with socio-demographic characteristics, will be available soon. This tape can be ordered by contacting the Income and Housing Surveys Section (613-951-9775), Household Surveys Division.

For more information on this release, contact The Income and Housing Surveys Section, (613-951-9775), Household Surveys Division.

Female to Male Earnings Ratios for Full-year Full-time Earners
By Province for 1977 and 1985-1987

	1987	1986	1985	1977
	Per Cent			
Newfoundland	64.5	66.1	70.1	58.4
Prince Edward Island	71.1	71.7	73.2	69.1
Nova Scotia	61.0	63.1	61.1	65.8
New Brunswick	65.6	64.3	64.3	62.6
Quebec	66.8	69.2	68.9	63.6
Ontario	65.4	64.6	62.9	60.9
Manitoba	68.6	70.0	66.9	66.7
Saskatchewan	66.3	68.4	73.2	68.8
Alberta	65.1	64.1	64.8	58.1
British Columbia	66.7	63.2	61.2	61.3
Canada	65.9	65.8	64.9	62.1

Employment, Earnings and Hours

October 1988

(Data not seasonally adjusted)

Industrial Aggregate Summary

The preliminary estimate of average weekly earnings for all employees in the industrial aggregate¹ was \$470.09 for October. The increase of \$1.04 (+0.2%) from the previous month is similar to that usually observed between September and October. Compared to October 1987, average weekly earnings increased by \$18.29 (+4.0%) (not adjusted for inflation), the lowest percentage growth in 1988.

Canada industrial aggregate employment was estimated at 10,335,000 - an increase of 40,000 (+0.4%) from the previous month (not adjusted for seasonal variation). This increase is similar to previous years. Compared to October 1987, industrial aggregate employment grew by 163,000 (+1.6%).

Highlights

Average Weekly Earnings

- Between September and October, earnings in forestry increased more than usual for this time of year.
- Mines, quarries and oil wells, manufacturing and transportation, communication and other utilities registered smaller than usual increases.
- Trade and finance, insurance and real estate decreased at a time of year when increases are usually observed.
- The year-over-year increase in earnings in forestry (+1.7%) was the highest this year.
- Finance, insurance and real estate (+0.5%) had its lowest year-over-year growth since the survey began in 1983. Community, business and personal services (4.7%) had its lowest growth this year.

- Between September and October, earnings in Manitoba increased more than usual for this time of year.
- Saskatchewan and Alberta recorded decreases instead of the usual increases.
- The year-over-year increases in earnings in New Brunswick (+2.0%) and Ontario (+4.5%) were the lowest in the last 12 months.
- Manitoba had its eighth consecutive month of accelerated growth.

Employment

- Between September and October, estimated employment in transportation, communication and other utilities increased (due to the ending of a labour dispute) at a time when a decrease is usually observed.
- Community, business and personal services increased less than usual for this time of year.
- Manufacturing registered its second consecutive year-over-year decline.
- Finance, insurance and real estate (+6.6%) had its highest year-to-year percentage growth since the beginning of the survey in 1983.
- Between September and October, Saskatchewan and British Columbia had larger than usual increases.
- British Columbia (+5.2%) recorded its highest year-to-year rate of change since July 1987.

Hours and Hourly Earnings

- At the Canada industrial aggregate level, average weekly hours for employees paid by the hour (who account for approximately half of industrial aggregate employment) were estimated at 32.1 in October.

(Continued on next page)

¹ The industrial aggregate is the sum of all industries with the exception of agriculture, fishing and trapping, religious organizations, private households and military personnel.

- Average weekly hours for employees paid by the hour were estimated at 39.3 in the goods-producing industries and 28.1 in the service-producing industries.
- Average hourly earnings for employees paid by the hour were estimated at \$11.85 in October. Earnings were \$13.87 in the goods-producing industries and \$10.30 in the service-producing industries.

(See tables on next page)

Available on CANSIM: matrices 8003-9000 and 9584-9638.

The October 1988 issue of *Employment, Earnings and Hours* (72-002, \$38.50/\$385) will be available at the end of January 1989. See "How to Order Publications".

For more information on this release, contact R. Arsenault (613-951-4090), Labour Division.

Employment, Earnings and Hours

Oct. 1988

(Data not seasonally adjusted)

Industry Group - Canada (1970 S.I.C.)	All Employees					
	Number			Average weekly earnings		
	Oct. 1988 ^p	Sept. 1988 ^r	August 1988	Oct. 1988 ^p	Sept. 1988 ^r	August 1988
	thousands			dollars		
Forestry	67.2	70.9	71.5	605.29	581.18	564.56
Mines, quarries and oil wells	158.2	161.0	162.0	780.27	776.64	751.58
Manufacturing	1,933.3	1,939.7	1,957.7	557.35	553.38	539.83
Durables	954.1	951.3	958.6	593.55	588.62	571.64
Non-durables	979.3	988.5	999.1	522.07	519.46	509.30
Construction	554.6	550.7	560.5	582.97	580.66	564.57
Building	460.6	455.8	465.3	561.74	554.88	540.03
Industrial and heavy	94.0	94.9	95.2	687.02	704.42	684.46
Goods-producing industries	2,713.3	2,722.3	2,751.8	576.77	572.82	557.98
Transportation, communication and other utilities	840.9	823.4	813.8	597.83	595.92	601.50
Transportation	477.3	478.4	465.5	555.14	555.63	567.90
Storage	14.6	14.4	14.4	536.75	533.00	532.39
Communication	226.0	207.4	207.6	605.68	602.65	601.90
Electric power, gas and water utilities	123.0	123.2	126.3	756.35	748.36	732.48
Trade	1,862.7	1,862.4	1,852.4	338.22	339.84	342.76
Wholesale	553.7	557.0	558.6	477.12	475.66	470.15
Retail	1,309.1	1,305.5	1,293.8	279.47	281.89	287.77
Finance, insurance and real estate	654.2	649.3	656.3	506.09	514.42	533.42
Community, business and personal services	3,575.2	3,553.5	3,411.7	396.71	395.29	387.73
Public administration	688.2	683.6	701.4	597.39	595.33	585.82
Service-producing industries	7,621.3	7,572.3	7,435.6	432.12	431.74	431.47
Industrial aggregate	10,334.6	10,294.6	10,187.4	470.09	469.05	465.64
Industrial aggregate - Provinces						
Newfoundland	144.8	147.2	151.1	449.96	443.54	442.35
Prince Edward Island	37.3	38.6	39.5	380.77	378.84	379.99
Nova Scotia	293.6	295.0	293.3	419.74	421.67	421.87
New Brunswick	223.6	227.9	229.2	423.99	420.53	422.36
Quebec	2,578.8	2,569.8	2,570.5	458.45	455.12	453.68
Ontario	4,233.7	4,221.6	4,162.9	488.40	489.09	486.97
Manitoba	399.2	397.9	389.6	455.10	450.36	430.50
Saskatchewan	306.2	302.0	294.6	412.01	417.10	409.28
Alberta	965.1	958.9	950.0	465.23	467.27	464.45
British Columbia	1,121.7	1,104.3	1,074.6	476.78	472.21	464.31
Yukon	10.1	10.6	11.3	564.17	568.20	550.96
Northwest Territories	20.4	20.7	20.8	658.64	650.34	634.26
Canada	10,334.6	10,294.6	10,187.4	470.09	469.05	465.64

^p Preliminary estimates.^r Revised estimates.

Employment, Earnings and Hours - Concluded

Oct. 1988

(Data not seasonally adjusted)

Industry Group - Canada (1970 S.I.C.)	Employees Paid by the Hour					
	Average weekly hours			Average hourly earnings		
	Oct. 1988 ^p	Sept. 1988 ^r	August 1988	Oct. 1988 ^p	Sept. 1988 ^r	August 1988
	hours			dollars		
Forestry	40.0	38.2	38.7	17.04	16.50	15.97
Mines, quarries and oil wells	40.9	41.8	40.0	17.20	16.91	16.68
Manufacturing	39.3	39.1	38.6	13.10	13.03	12.80
Durables	40.5	40.2	39.5	13.76	13.73	13.49
Non-durables	37.9	37.9	37.6	12.31	12.21	12.02
Construction	39.1	39.7	39.6	15.39	15.09	14.65
Building	38.0	38.4	38.4	15.23	14.86	14.42
Industrial and heavy	44.6	46.0	45.3	16.03	15.96	15.58
Goods-producing industries	39.3	39.4	38.9	13.87	13.74	13.46
Transportation, communication and other utilities	38.2	38.7	38.9	14.58	14.36	14.28
Transportation	37.4	38.0	38.6	13.90	13.67	13.59
Storage	39.6	38.9	38.2	12.57	12.68	12.77
Communication	37.2	38.3	37.4	15.20	14.71	14.92
Electric power, gas and water utilities	41.8	41.3	41.1	16.84	16.87	16.56
Trade	28.1	28.3	29.2	8.85	8.83	8.74
Wholesale	35.5	35.8	36.0	10.54	10.48	10.18
Retail	26.5	26.6	27.7	8.36	8.35	8.33
Finance, insurance and real estate	...	...	...	...	...	...
Community, business and personal services	26.5	26.8	28.1	10.23	9.96	9.66
Public administration	...	...	...	...	...	...
Service-producing industries	28.1	28.4	29.5	10.30	10.15	9.96
Industrial aggregate	32.1	32.3	32.8	11.85	11.70	11.43
Industrial aggregate - Provinces						
Newfoundland	35.8	35.6	36.4	10.09	9.95	9.74
Prince Edward Island	32.2	33.6	34.8	8.13	7.95	7.60
Nova Scotia	33.0	33.5	34.0	10.21	10.14	9.86
New Brunswick	34.3	34.5	35.1	10.23	9.92	9.84
Quebec	32.8	32.8	33.4	11.60	11.45	11.28
Ontario	32.4	32.6	33.2	12.19	12.07	11.73
Manitoba	31.6	31.4	31.9	10.67	10.62	10.51
Saskatchewan	29.0	29.5	29.6	10.57	10.53	10.30
Alberta	30.9	31.3	31.6	11.32	11.26	10.93
British Columbia	30.5	30.7	31.1	13.30	13.01	12.75
Yukon	32.4	33.2	34.6	13.75	13.74	12.91
Northwest Territories	35.3	35.1	34.7	16.72	16.11	15.50
Canada	32.1	32.3	32.8	11.85	11.70	11.43

^p Preliminary estimates.

^r Revised estimates.

... figures not appropriate or not applicable.

Data Availability Announcements

Railway Carloadings

Seven-day Period Ending December 14, 1988

Highlights

- Revenue freight loaded by railways in Canada during the week totalled 5.2 million tonnes, a decrease of 4.8% from the previous year.
- Piggyback traffic increased 3.4% from the same period last year. The number of cars loaded increased 4.6% during the same period.
- The tonnage of revenue freight loaded to date this year is 4.3% higher than that loaded in the previous year.

Railway Carloadings

	Seven-day Period ending December 14, 1988	Year-to-date
Carload Traffic		
Tonnes	5 210 039	248 757 352
% change from previous year	-4.8	4.3
Cars	75,261	3,593,292
% change from previous year	-3.7	2.3
Piggyback Traffic		
Tonnes	270 302	13 156 821
% change from previous year	3.4	7.4
Cars	8,993	442,561
% change from previous year	4.6	1.8

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

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

National Balance Sheet Accounts

1961-1987
(Revised Data)

Revised data for the National Balance Sheet Accounts, 1961-1987 are now available on CANSIM: matrices 751-775, 777-794.

A printout is also available by contacting either Patrick O'Hagan (613-951-1798) or Valerie Thibault (613-951-1804), Financial Flows Section, International and Financial Economics Division.

Railway Carloadings

November 1988

Revenue freight loaded by railways in Canada totalled 22.2 million tonnes in November 1988, a decrease of 1.0% from the November 1987 figure. The carriers received an additional 1.0 million tonnes from United States connections.

Total loadings in Canada for the year to date showed an increase of 4.5% from the 1987 period, while receipts from United States connections showed an increase of 3.7%.

Available on CANSIM: matrix 1431.

The November 1988 issue of *Railway Carloadings* (52-001, \$7.50/\$75) will be released the second week of January 1989. See "How to Order Publications".

For more information (seasonally adjusted revenue freight loadings), contact Angus MacLean (613-951-2484), Transportation Division.

Stocks of Frozen Meats

December 1, 1988

Total frozen meat in cold storage as of December 1 amounted to 30 998 tonnes as compared with 31 627 tonnes last month and 29 579 tonnes a year ago.

Available on CANSIM: matrices 87 and 9517-9525.

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

For more information on this release, contact David Burroughs (613-951-2550), Agriculture Division.

Process Cheese and Instant Skim Milk Powder

November 1988

Production of process cheese in November 1988 totalled 7 179 057 kilograms, an increase of 11.9% from October 1988 and an increase of 37.1% from November 1987. The 1988 year-to-date production totalled 71 259 884 kilograms (revised figure), compared to the corresponding 1987 amount of 68 145 912 kilograms (revised figure).

Total production of instant milk powder during the month was 358 510 kilograms, a decrease of 17.6% from October 1988 and a decrease of 23.4% from November 1987. Cumulative year-to-date production totalled 4 483 829 kilograms, compared to the 4 774 024 kilograms reported for the corresponding period in 1987.

Available on CANSIM: matrix 188 (series 1.10)

The November 1988 issue of *Production and Inventories of Process Cheese and Instant Skim Milk Powder* (32-024, \$4.50/\$45) will be released at a later date. See "How to Order Publications"

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

Notifiable Disease Summary

Four-week Period Ending October 22, 1988

Statistics and new cases of notifiable diseases for the four-week period ending October 22, 1988 are now available by sex and five-year age group for Canada and the provinces.

Available on CANSIM: cross-classified table 00050123.

For information on this release, contact Beth Sander (613-951-1746), Health Division.

Luggage, Purse and Handbag Industry

1986 Census of Manufactures

In 1986, the value of shipments of goods of own manufacture for the luggage, purse and handbag industry (SIC 1713) totalled \$151.8 million, up 9.1% from \$139.2 million in 1985.

Available on CANSIM: matrix 5422.

Data for the industry will be published at a later date (33-251B 1713, \$4). See "How to Order Publications".

For more information on this release, contact A. Shinnan (613-951-3510), Industry Division.

Men's and Boys' Suit and Jacket Industry

1986 Census of Manufactures

In 1986, the value of shipments of goods of own manufacture for the men's and boys' suit and jacket industry (SIC 2432) totalled \$398.9 million, up 8.9% from \$366.5 million in 1985.

Available on CANSIM: matrix 5441.

Data for the industry will be published at a later date (34-252B 2432, \$4). See "How to Order Publications".

For more information on this release, contact A. Shinnan (613-951-3510), Industry Division.

Men's and Boys' Clothing Contractors Industry

1986 Census of Manufactures

In 1986, the value of shipments of goods of own manufacture for the men's and boys' clothing contractors industry (SIC 2435) totalled \$187.0 million, up 11.9% from \$167.1 million in 1985.

Available on CANSIM: matrix 5444.

Data for the industry will be published at a later date (34-252B 2435, \$4). See "How to Order Publications".

For more information on this release, contact A. Shinnan (613-951-3510), Industry Division.

Sweater Industry

1986 Census of Manufactures

In 1986, the value of shipments of goods of own manufacture for the sweater industry (SIC 2491) totalled \$258.1 million, up 19.9% from \$215.2 million in 1985.

Available on CANSIM: matrix 5451.

Data for the industry will be published at a later date (34-252B 2491, \$4). See "How to Order Publications".

For more information on this release, contact A. Shinnan (613-951-3510), Industry Division.

Miscellaneous Concrete Products Industry

1986 Census of Manufactures

In 1986, the value of shipments of goods of own manufacture for the miscellaneous concrete products industry (SIC 3549) totalled \$427.0 million, up 15.6% from \$369.2 million in 1985.

Available on CANSIM: matrix 6854.

Data for the industry will be published at a later date (44-250B 3549, \$4). See "How to Order Publications".

For more information on this release, contact Sharon M. Boyer (613-951-3520), Industry Division.

Glass Products (except Glass Containers) Industry

1986 Census of Manufactures

In 1986, the value of shipments of goods of own manufacture for the glass products (except glass containers) industry (SIC 3562) totalled \$324.3 million, up 11.7% from \$290.3 million in 1985.

Available on CANSIM: matrix 6857.

Data for the industry will be published at a later date (44-250B 3562, \$4). See "How to Order Publications".

For more information on this release, contact Sharon M. Boyer (613-951-3520), Industry Division.

Publications Released

Earnings of Men and Women, 1987.
Catalogue number 13-217
(Canada: \$15; Other Countries: \$16).

Gross Domestic Product by Industry,
September 1988.
Catalogue number 15-001
(Canada: \$11.50/\$115; Other Countries:
\$12.50/\$125).

Production and Disposition of Tobacco
Products, November 1988.
Catalogue number 32-022
(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Particleboard, Waferboard and Hardboard,
October 1988.
Catalogue number 36-003
(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Primary Iron and Steel, October 1988.
Catalogue number 41-001
(Canada: \$4.50/\$45; Other Countries: \$5.50/\$55).

Production and Shipments of Blow-Moulded
Plastic Bottles, Quarter Ended September 30, 1988.
Catalogue number 47-006
(Canada: \$6.25/\$25; Other Countries: \$7.25/\$29).

Gas Utilities, August 1988.
Catalogue number 55-002
(Canada: \$11.50/\$115; Other Countries:
\$12.50/\$125).

Security Transactions with Non-residents,
September 1988
Catalogue number 67-002
(Canada: \$15/\$150; Other Countries: \$15/\$150).

Mechanical Trade Contractors, The Construction
Industry 1986.
Catalogue number 64-204
(Canada: \$20; Other Countries: \$21).

Local Government Employment, April-June
1988.
Catalogue number 72-009
(Canada: \$11.50/\$46; Other Countries: \$12.50/\$50).

Science Statistics - Service Bulletin, Vol. 12, No.
11, R & D Expenditures of Private Non-Profit
Organizations, 1987.
Catalogue number 88-001
(Canada: \$6.50/\$65; Other Countries: \$7.50/\$75).

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The Daily, December 23, 1988

Major Release Dates: January 1989

(Release dates are subject to change)

Anticipated
date(s) of
release

Title

Reference period

January

4-6	Canadian Composite Leading Indicator	October 1988
6	Labour Force Survey	December 1988
9	New Motor Vehicle Sales	November 1988
9	New Housing Price Index	November 1988
9	Estimate of Labour Income	October 1988
9-13	Industrial Corporations: Financial Statistics	Third Quarter (Final Data) 1988
10	Farm Product Price Index	November 1988
10	Department Store Sales by Province and Metropolitan Area	November 1988
12	Help-wanted Index	December 1988
13	Travel Between Canada and Other Countries	November 1988
16	Housing Starts	November 1988
17	Consumer Price Index	December 1988
18	Preliminary Statement of Canadian International Trade	November 1988
20	Building Permits	November 1988
23	Retail Trade	November 1988
24	Department Store Sales and Stocks	November 1988
24	Wholesale Trade	November 1988
24-27	Survey of Manufacturing Industries	November 1988
25	Unemployment Insurance Statistics	November 1988
26	Security Transactions with Non-residents	November 1988
26	Crude Petroleum and Natural Gas	October 1988
30	Employment, Earnings and Hours	November 1988
30	Sales of Refined Petroleum Products	December 1988
31	Gross Domestic Product at Factor Cost by Industry	November 1988
31	Industrial Product Price Index	December 1988
31	Raw Materials Price Index	December 1988
31	Major Release Dates	February 1989

The February 1989 release schedule will be published on January 31, 1989. Users note: This schedule can be retrieved from CANSIM by the command DATES.

Contact Greg Thomson (613-951-1116), Communications Division.