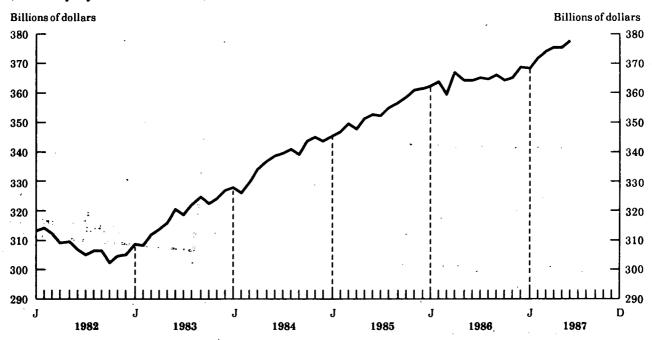
# TheDaily

# Statistics Canada

STATISTICS STATISTIQUE CANADA Tuesday, September 29, 1987 CANADA LIBRARY Major Releases Real Gross Domestic Product at Factor Cost, by Industry, 2 July 1987 • Real GDP advanced 0.4% from June. Employment, Earnings and Hours, July 1987 Average weekly earnings for all employees were estimated at \$443.29, up 3.2% from a year earlier. Federal Government Employment, Second Quarter 1987 General government employment declined for the fourth consecutive quarter. Data Availability Announcement Major Appliances, August 1987 Publications Released

#### **Major Releases**

## Real Gross Domestic Product at Factor Cost, by Industry in 1981 Prices (Seasonally adjusted at annual rates)



## Real Gross Domestic Product at Factor Cost, by Industry

(seasonally adjusted data) July 1987

#### Monthly Overview

Gross Domestic Product at factor cost, in 1981 prices, advanced 0.4% in July following a 0.6% increase in June. Since January of this year, GDP has advanced 3.1% and in July stood 3.9% above the corresponding month of last year. Almost 80% of the July GDP growth originated among the services-producing industries where output advanced 0.5%. Goods-producing industries increased 0.2% in July following a 1.3% gain the previous month.

#### Services-producing Industries

Three-quarters of the July output gain among services-producing industries stemmed from substantial growth in the finance, insurance and real estate industry. Increased volume of shares traded on Canadian stock exchanges, as well as gains among banking institutions and insurance carriers accounted for much of the July growth among finance industries.

Following four months of little or no growth, the community, business and personal services industry recorded a significant advance in July, mostly due to gains in business services and amusement and recreation services. Output of wholesale trade advanced 1.1% following a similar increase in June.

(continued on page 3)

Increased sales by wholesalers of industrial machinery and equipment, as well as wholesalers of food products were mainly responsible for the July gain. Elsewhere, communications industries advanced, partly due to increased activity in the postal service industry which was affected by rotating strikes in the latter half of June and first week of July.

The only significant decline in July occurred in retail trade where output fell 1.3%, the sharpest drop in output since last October. Within retail trade, a decrease in new motor vehicles accounted for about 70% of the total decline and was accompanied by a marked drop in sales of North American-built passenger automobiles. There were also declines for food and department stores.

#### Goods-producing Industries

The modest July output gain among goodsproducing industries resulted mostly from increases in the construction, mining and utilities industries. Residential construction activity continued to grow in July, advancing 2.4%, making this the tenth consecutive monthly gain. The growth in mining was due to increased production of crude petroleum, natural gas, coal and services to mining. Exports of these commodities were up substantially in the month. Oil and gas exploration activity continued to grow in July. Following gains in May and June, manufacturers output dropped slightly in July. Most of the decline was due to lower production levels for manufacturers of transportation equipment, paper and allied products, machinery and equipment, and primary metals. In the transportation equipment industry, producers of motor vehicle parts and accessories as well as motor vehicles both reported significant production decreases. Exports of passenger automobiles and motor vehicle parts declined sharply in July.

Users should note that agriculture and retail trade have been revised back to January 1987 to incorporate revised data.

(see table on page 4)

Available on CANSIM: matrices 4665-4668.

Order the July 1987 issue of Gross Domestic Product by Industry (15-001, \$10/\$100), scheduled for release in mid-October. Contact Ron Kennedy (613-990-3673), Industry Measures and Analysis Division.

Real Gross Domestic Product at Factor Cost, by Industry, in 1981 Prices Monthly (Seasonally Adjusted at Annual Rates)

	1986			1987	
•	July	April	May	June	July
			(\$ millions)	•	
	•		(\$ mmons)		
Total Economy	365,189.7	375,242.6	375,653.9	377,883.4	379,352.9
Business Sector					
Agricultural and related					
services industries	12,384.0	11,305.2	11,319.6	11,328.0	11,286.0
Fishing and trapping industries	613.6	603.6	452.4	735.6	664.8
Logging and forestry industry	2,542.3	2,770.8	2,631.6	2,756.4	2,802.0
Mining, quarrying and	,	,	•	•	•
oil well industries	20,329.5	20,793.6	20,888.4	21,332.4	21,540.0
Manufacturing industries	71,840.7	73,353.6	73,651.2	74,132.4	73,879.2
Construction industries	24,945.1	27,064.8	27,338.4	27,590.4	27,838.8
Transportation and	,	,-	<b>,</b>	., .	•
storage industries	16,166.0	16,558.8	16,677.6	16,550.4	16,531.2
Communication industries	10,342.0	10,755.6	10,867.2	10,887.6	10,995.6
Other utility industries	10,719.1	11,341.2	11,283.6	11,539.2	11,698.8
Wholesale trade industries	18,997.9	20,170.8	20,103.6	20,354.4	20,574.0
Retail trade industries	23,968.5	25,038.0	24,919.2	25,478.4	25,147.2
Finance, insurance and				,	,
real estate	51,791.7	54,554.4	54,338.4	53,948.4	54,818.4
Community, business and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0 1,00 111	5 1,0 5 5 1	00,000	,
personal services	38,121.0	37,982.6	38,102.3	38,119.0	38,381.3
Non-business sector					
Mining industries	59.6	37.2	31.2	39.6	48.0
Manufacturing industries	63.4	60.0	58.8	58.8	58.8
Forestry services industry	231.7	237.6	240.0	240.0	241.2
Transportation industries	1,406.1	1,447.2	1,452.0	1,468.8	1,466.4
Communication industries	50.4	45.6	46.8	48.0	48.0
Water systems industry	522.7	542.4	544.8	543.6	543.6
Insurance and other finance					
industry	357.4	373.2	372.0	374.4	374.4
Government service industries	23,369.1	23,535.6	23,643.6	23,698.8	23,719.2
Community and personal services	36,367.9	36,670.8	36,691.2	36,658.8	36,696.0
Special aggregations					
Business sector:	302,761.4	312,293.0	312,573.5	314,752.6	316,157.3
- goods	143,374.3	147,232.8	147,565.2	149,414.4	149,709.6
- services	159,387.1	165,060.2	165,008.3	165,338.2	166,447.7
Non-business sector	62,428.3	62,949.6	63,080.4	63,130.8	<b>63,195.6</b>
- goods	645.7	639.6	634.8	642.0	650.4
- services	61,782.6	62,310.0	62,445.6	62,488.8	62,545.2
Goods-producing industries	144,020.0	147,872.4	148,200.0	150,056.4	150,360.0
Services-producing industries	221,169.7	227,370.2	227,453.9	227,827.0	228,992.9
Industrial production	103,535.0	106,128.0	106,458.0	107,646.0	107,768.4
Non-durable manufacturing	-	•	•		
industries	32,606.0	32,869.2	32,826.0	32,930.4	33,034.8
Durable manufacturing	,	•	•		•
industries	39,234.7	40,484.4	40,825.2	41,202.0	40,844.4

#### Employment, Earnings and Hours July 1987 (data not seasonally adjusted)

Preliminary data for July 1987 showed an estimated 10,097,000 employees at the Canada industrial aggregate level<sup>1</sup>, a decrease of 120,000 (-1.2%) from the previous month (not adjusted for seasonal variation). This represents a decrease similar to that observed between June and July in previous years. Compared to July 1986, industrial aggregate employment increased by 3.6%<sup>2</sup>.

Average weekly earnings for all employees were estimated at \$443.29 for July, little changed from June and 3.2% above the level of July 1986 (not adjusted for inflation).

#### **Employment**

Estimated employment in July in the goodsproducing industries was 0.5% higher than in June. Employment estimates decreased in mines, quarries and oil wells at a time of year when an increase is usually observed. The number of employees in the service-producing industries decreased by 1.8% between June and July, similar to the pattern observed in previous years. Employment estimates decreased less than usual in transportation, communication and other utilities. Finance, insurance and real estate registered a decrease at a time of year when an increase is usually observed.

The total number of employees at the Canada industrial aggregate level increased by an estimated 349,000 (+3.6%) from July 1986. The year-to-year growth rate in the goodsproducing industries was 3.0%, the highest it has been in 1987. The yearly rate of change in the service-producing industries was 3.7%, similar to the preceding months.

At the provincial level, estimated employment decreased more than usual between June and July in Manitoba, while Nova Scotia registered a decrease at a time of year when an increase is usually observed. In Quebec, the estimated employment declined less than usual. In July, Nova Scotia and Manitoba recorded their lowest year-to-year growth rates of 1987. Newfoundland and Quebec recorded their highest annual increases of the year.

#### Earnings

Average weekly earnings for all employees in the goods-producing industries decreased by 0.2% between June and July. Average weekly earnings decreased less than usual in forestry and manufacturing while earnings in construction decreased at a time of year when an increase is usually observed. In the service-producing industries, average weekly earnings increased by 0.4%. Community, business and personal services decreased less than usual.

Compared to July 1986, total average weekly earnings increased by \$13.80, bringing the yearly growth rate to 3.2%. Average weekly earnings in the goods-producing industries rose by 3.6% from a year earlier. The yearly rate of change in mines, quarries and oil wells was the highest recorded in 1987 while construction recorded its lowest growth rate of the year. The year-to-year growth rate was 3.1% in the service-producing industries. Community, business and personal services recorded their highest year-to-year growth rates of 1987 while trade recorded its lowest growth rate of the year.

At the provincial level, average weekly earnings decreased less than usual between June and July 1987 in British Columbia while earnings in Ontario increased more than usual. Average weekly earnings in Prince Edward Island increased at a time of year when a decrease is usually observed. The year-overyear growth rate in average weekly earnings in July was the highest of 1987 in Alberta and British Columbia. Newfoundland recorded its lowest annual increase of the year.

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

Changes to the survey of Employment, Payrolls and Hours sampling frame were introduced in January 1987. Adjustment factors have been used to remove the estimated impact of these changes from all year-to-year comparisons referred to in the accompanying text. For more information on the changes please consult the May issue of Employment, Earnings and Hours (catalogue 72-002) or contact the Labour Division.

#### **Hours and Hourly Earnings**

At the Canada industrial aggregate level, the average weekly hours for full-time and part-time employees paid by the hour (who account for approximately half of industrial aggregate employment) were estimated at 32.8 hours in July, a slight increase from June. Average weekly hours were estimated at 39.1 hours in the goods-producing industries and 29.3 hours in the service-producing industries.

Average hourly earnings of employees paid by the hour were estimated at \$10.80 in July, a slight decrease from June. Average hourly earnings were estimated at \$12.62 in the goodsproducing industries and \$9.47 in the serviceproducing industries.

(see tables on pages 7 and 8)

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

Order the July 1987 issue of *Employment*, *Earnings and Hours* (72-002, \$35/\$350), available at the end of October. Contact R. Arsenault (613-991-4090), Labour Division.

Employment, Earnings and Hours July 1987 (data not seasonally adjusted)

		All Employees				
		Number		Aver	age weekly ear	nings
Industry Group - Canada (1970 SIC)	July 1987	June 1987 <sup>r</sup>	May 1987 <sup>r</sup>	July 1987	June 1987 <sup>r</sup>	May 1987 <sup>r</sup>
		thousands		•	dollars	
Forestry	66.8	67.7	52.8	570.40	587.65	586.46
Mines, quarries and oil wells	156.7	158.2	150.7	706.33	713.26	717.86
Manufacturing	1,953.7	1,953.7	1,893.4	513.53	513.59	516.51
Durables	931.2	926.4	902.2	546.56	550.00	552:62
Non-durables	1,022.5	1,027.2	991.2	483.44	480.75	483.65
Construction	522.4	506.3	476.6	528.48	529.82	538.62
Building	436.7	421.3	399.1	505.36	507.82	519.06
Industrial and heavy	85.7	85.0	77.5	646.27	638.86	639.32
Goods-producing industries	2,699.6	2,685.8	2,573.5	529.02	530.28	533.83
Transportation, communication						•
and other utilities	830.3	831.5	816.2	578.30	571.93	· <b>572</b> .32
Transportation	461.6	465.0	457.6	<b>538.92</b>	<b>529.2</b> 2	527.35
Storage	13.4	13.4	13.1	536. <b>83</b>	<b>525.99</b>	537.42
Communication	230.1	229:7	224.8	592.78	591.31	593.42
Electric power, gas and						
water utilities	125.1	123.4	120.7	701.40	701.72	707.29
Trade	1,799.4	1,810.8	1,788.9	324.52	325.11	325.23
Wholesale	541.3	542.9	520.6	454.09	449.88	454.54
Retail	1,258.1	1,267.9	1,268.3	268.78	271.68	272.16
Finance, insurance and real estate	627.6	629.6	617.8	497.01	495.57	487.58
Community, business and						
personal services	3,447.3	3,568.9	3,547.5	370.69	371.48	366.95
Public administration	692.4	690.6	673.1	568.52	561.55	565.00
Service-producing industries	7,397.1	7,531.5	7,443.5	412.00	410.26	407.36
Industrial aggregate	10,096.7	10,217.3	10,017.0	443.29	441.81	439.86
Industrial aggregate - Provinces						
Newfoundland	147.3	145.9	136.0	418.28	417.40	415.88
Prince Edward Island	36.7	37.7	34.9	357.27	352.01	361.08
Nova Scotia	282.9	285.7	282.0	401.88	400.00	397.51
New Brunswick	220.5	220.6	211.0	404.60	400.95	404.76
Quebec	2,541.8	2,556.3	2,495.4	432.84	433.69	429.48
Ontario	4,215.7	4,249.6	4,183.2	457.17	452.65	452.91
Manitoba	383.7	395.8	390.2	411.29	411.54	406.74
Saskatchewan	291.3	300.7	295.5	402.03	407.47	405.87
Alberta	905.1	918.1	899.8	453.28	450.33	444.51
British Columbia	1,041.7	1.078.4	1,061.0	448.74	453.79	451.00
Yukon	10.5	9.4	9.7	514.78	496.11	474.04
Northwest Territories	19.6	19.2	18.2	641.60	632.47	619.12
Canada	10,096.7	10,217.3	10,017.0	443.29	441.81	439.86

Preliminary estimates. Revised estimates.

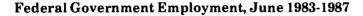
Employment, Earnings and Hours - Concluded

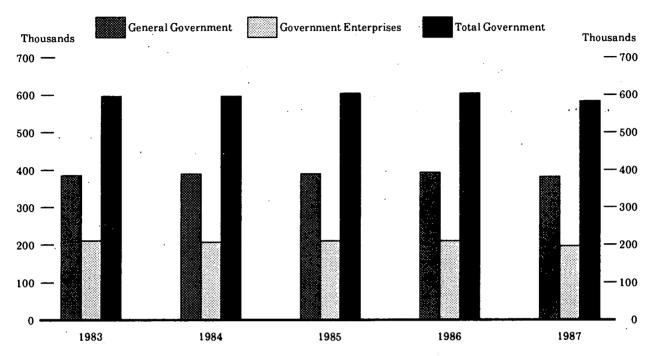
July 1987 (data not seasonally adjusted)

Employees paid by the hour Average weekly hours Average hourly earnings Industry Group - Canada July . June May July June May (1970 SIC) 1987P 1987 1987r 1987p 1987r 1987r 40.5 Forestry 38.8 38.4 15.76 16.11 16.59 Mines, quarries and oil wells 39.7 40.2 39.9 15.70 15.70 15.96 Manufacturing 39.1 39.2 38.8 11.94 11.93 12.21 12.77 Durables 39.5 39.9 40.1 12.79 12.83 Non-durables 38.6 38.6 37.4 11.08 11.04 11.53 Construction 14.54 39.2 38.9 38.7 14.06 14.16 Building 38.1 37.8 14.02 14.40 37.8 13.87 14.83 15.11 Industrial and heavy 44.2 43.9 42.8 14.73 Goods-producing industries 39.1 39.2 38.8 12.62 12.63 12.91 Transportation, communication 13.83 38.4 38.0 37.8 13.79 13.79 and other utilities Transportation 38.0 37.5 37.3 13.04 13.03 13.04 14.17 38.1 37.7 38.0 13.78 13.69 Storage Communication 36.7 36.4 36.4 14.33 14.32 14.52 Electric power, gas and 16.05 water utilities 41.2 41.0 40.8 15.95 16.01 8.46 Trade 29.1 29.0 28.8 8.29 8.41 10.05 Wholesale 35.9 36.2 36.3 10.00 9.93 27.3 7.98 8.03 Retail 27.6 27.5 7.81 Finance, insurance and real estate 27.7 27.0 26.0 8.83 8.78 8.93 Community, business and 9.27 personal services 27.9 27.2 26.8 9.30 .9.3732.3 11.99 Public administration 33.3 31.9 11.50 11.85 29.3 28.5 9.58 Service-producing industries 28.7 9.47 9.52 32.8 32.1 10.80 10.85 10.98 Industrial aggregate 32.4 Industrial aggregate - Provinces Newfoundland 36.0 35.7 34.9 9.37 9.48 9.49 34.2 7.12 7.28 Prince Edward Island 33.5 33.2 7.19 9.56 33.5 9.53 9.53 Nova Scotia 33.3 33.0 New Brunswick 34.7 34.3 33.9 9.48 9.48 9.63 33.0 10.47 10.55 10.71 34.0 33.8 Quebec 11.20 Ontario 33.0 32.7 32.5 11.04 11.06 10.09 Manitoba 32.1 31.9 31.2 10.07 10.08 10.38 29.4 28.8 10.01 10.17 Saskatchewan 28.6 Alberta 31.0 30.8 30.0 10.62 10.59 10.70 29.9 30.0 12.23 12.31 12.35 **British Columbia** 30.5 Yukon 31.1 30.1 28.5 12.86 12.44 12.32 13.86 14.53 32.6 13.95 Northwest Territories 34.2 32.8 32.8 32.4 32.1 10.80 10.85 10.98 Canada

P Preliminary estimates.

Revised estimates.





#### Federal Government Employment Second Quarter 1987

#### Highlights

#### **General Government**

There were 384,856 employees in departments and special funds in June 1987 compared to 392,698 employees in June 1986, a decrease of 2.0% or 7,842 employees. This marks the fourth consecutive quarterly decline in general government employment.

The departments and special funds which showed the largest actual changes in employment were as follows:

•	Canada Harbour Place		
	Corporation Inc.	-668	(-97.2%);
•	Statistics Canada	-5.161	(-50.3%);

 Indian Affairs and Northern Development -670 (-11.4%);

Atomic Energy of Canada
 Limited -624 (-10.6%);

•	Fisheries and Oceans	-346	(-4.9%);
•	National Research		
	Council of Canada	-156	(-4.4%);
•	Secretary of State	-103	(-3.4%);
•	National Revenue,		
	Customs and Excise	-357	(-3.3%);
•	National Defence		
	(civilian employees)	-1,244	(-3.2%);
•	Agriculture	-261	(-2.5%);
•	Supply and Services	-211	(-2.1%);
•	Public Works	319	(4.1%);
•	National Revenue,		
	Taxation	542	(2.3%);
•	National Defence		
	(military personnel)	919	(1.0%).

The decrease in Canada Harbour Place Corporation Inc. was due to staff reductions after the closing of Expo 86 in October. The large decline in Statistics Canada numbers was caused by the termination of temporary employees previously hired for the one-time

(continued on page 10)

occurrence of the June 1986 Census. The decrease in Atomic Energy of Canada Limited was due to lay-offs over the year. The decline in the above-mentioned departments and others was the result of a reduction in person-years authorized, reflecting the government's focus on reducing the size of the public service required to deliver government programs as indicated in the February 1986 budget.

• The growth in the Department of Public Works was due primarily to increased student summer employment, while in National Revenue, Taxation it was the result of hiring more term employees for the processing of income tax returns. The rise in National Defence military personnel was due to increased person-years authorized for Canadian Forces in both Europe and in Canada.

#### **Government Enterprises**

There were 199,350 employees of government enterprises in June 1987 as compared to 213,476 in June 1986, a decrease of 6.6% or 14,126 employees.

 The decrease in government enterprise employment resulted primarily from the sale to the private sector of Canadair Limited, Transport Route Canada Inc., Pecheries Cartier Inc., Fishery Products International Limited and Teleglobe Canada during the year.

#### **Total Government**

 General government and government enterprise employment totalled 584,206 employees in June 1987, compared to 606,174 in June 1986, a decrease of 3.6% or 21,968 employees

Available on CANSIM: quarterly data are located in matrix 2717, monthly data by province in matrix 2718 and Canadian Armed Forces in matrix 2720.

The April-June 1987 issue of Federal Government Employment (72-004, \$20/\$80), will be released by the end of November. Questions pertaining to the data should be directed to T. Moore (613-990-8306) or M. Fathy (613-991-1843), Public Institutions Division.

#### **Data Availability Announcement**

#### **Major Appliances**

August 1987

Domestic sales of major appliances by Canadian manufacturers decreased to 166,197 units in August 1987, a drop of 34.1% from 252,047 units in July 1987, and down 3.9% from the 172,921 units sold in the same month of 1986.

Year-to-date domestic sales to August 1987 amounted to 1,514,340 units, up 10.3% from 1,373,415 units for the same period of 1986.

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

Order the August 1987 issue of Production, Sales and Stocks of Major Appliances (43-010, \$4/\$40), to be released the week of October 12. Contact J. P. Beauparlant (613-991-3526), Industry Division.



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#### **Publications Released**

Oils and Fats, July 1987. Catalogue number 32-006

(Canada: \$4/\$40; Other Countries: \$5/\$50).

Rigid Insulating Board, July 1987.

Catalogue number 36-002

(Canada: \$4/\$40; Other Countries: \$5/\$50).

Particleboard, Waferboard and Hardboard, July 1987.

Catalogue number 36-003

(Canada: \$4/\$40; Other Countries: \$5/\$50).

Steel Wire and Specified Wire Products, July 1987.

Catalogue number 41-006 (Canada: \$4/\$40; Other Countries: \$5/\$50).

Mineral Wool Including Fibrous Glass Insulation, August 1987. Catalogue number 44-004

(Canada: \$4/\$40; Other Countries: \$5/\$50).

Asphalt Roofing, July 1987. Catalogue number 45-001

(Canada: \$4/\$40; Other Countries: \$5/\$50).

Production and Sales of Phonograph Records and Pre-recorded Tapes in Canada, July 1987.

Catalogue number 47-004

(Canada: \$4/\$40; Other Countries: \$5/\$50).

Production and Shipments of Blow-moulded Plastic Bottles, Quarter Ended June 30, 1987.

Catalogue number 47-006

(Canada: \$5/\$20; Other Countries: \$6/\$24).

Population and Dwelling Counts - Yukon, 1986. Catalogue number 92-119

(Canada: \$18; Other Countries: \$19).

Population and Dwelling Counts – Northwest Territories, 1986. Catalogue number 92-120

(Canada: \$20; Other Countries: \$21).

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.

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, Sturgeon Falls, Toronto, Winnipeg, Regina, Edmonton and Vancouver, or from authorized bookstore agents or other booksellers.

A national toll-free telephone order service is now in operation in Central Inquiries Services. The toll-free line (1-800-267-6677) is to be used exclusively for the ordering of Statistics Canada products and services.