

The Daily

Statistics Canada

Friday, May 13, 1988

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Major Releases

Construction in Canada

1986-88

Intended capital expenditures on construction in Canada are expected to reach \$73.5 billion in 1988, up 5.5% from the latest estimates for 1987.

Highlights of reported intentions by type of structure for 1988 are as follows:

- Total expenditures on residential and non-residential building construction are expected to rise by only 1.3% (\$0.7 billion), compared to the 22.5% increase (\$9.2 billion) in 1987.
- Expenditures on residential construction are expected to decrease by 1.3% to a level of \$32.4 billion. This is in sharp contrast to the 1987 increase of 27.3% which saw spending rise to a level of \$32.8 billion.
- In the non-residential sector, notable increases are expected to be posted for construction of retail and wholesale stores (26.7%, \$0.7 billion), warehouses (10.2%, \$93 million) and factories (4.2%, \$91 million).
- Expenditures on highway, street and all other heavy engineering construction are expected to increase by \$3.2 billion, a rise of 16.4% compared to 1987's decrease of 3.5% (\$719 million).
- Oil and gas well construction expenditures are expected to advance 31.2% (\$1.2 billion) in sharp contrast to the 19.0% decline recorded in 1987.

Note to Users

Data for construction, by type of structure, supplement those in *Private and Public Investment in Canada, Intentions 1988* (61-205) which was released in the *Daily* and on CANSIM on March 9, 1988.

Provincial

- All provinces except Prince Edward Island are expected to experience lower growth in residential and non-residential building construction in 1988. Quebec is expected to show the greatest decline (-2.2%), largely due to an 8.1% drop in spending on residential construction.
- Manitoba expects the most significant recovery in engineering construction with a 27.3% rise in engineering spending. The anticipated rise reflects a 49.4% increase in spending on electric power generating plants and moderate strength in most other structures.

(see tables on pages 3 and 4)

Available on CANSIM: matrices 2849, 2850, 2855-2857, 3721-3774.

Construction in Canada, 1986-88 (64-201, \$35) will be available in June. See "How to Order Publications".

For more detailed information on this release, contact John Foley (613-951-2591), Capital Expenditures Section, Science, Technology and Capital Stock Division.

Total Value of Construction Work Purchased - Labour Content and Cost of Materials Used
by Province 1986-1988^{1,2,3}

Province and Year	Labour Content		Cost of Materials Used	Value of Work Purchased
	Number	Value		
			(\$'000)	
Canada				
1986	795,295	21,710,083	27,642,657	71,700,629
1987	857,390	24,278,620	31,324,891	80,856,059
1988	870,717	25,612,735	33,019,346	85,279,035
Newfoundland				
1986	16,464	414,519	647,940	1,611,595
1987	17,358	450,990	620,640	1,575,627
1988	16,870	454,867	604,807	1,562,944
Prince Edward Island				
1986	4,682	90,022	111,373	293,651
1987	4,293	88,313	111,018	295,055
1988	4,683	99,878	122,769	328,151
Nova Scotia				
1986	28,568	700,132	916,139	2,365,484
1987	28,964	737,508	925,893	2,410,237
1988	29,727	786,097	970,210	2,538,313
New Brunswick				
1986	20,344	465,265	551,337	1,471,396
1987	21,248	521,022	621,608	1,643,203
1988	21,226	538,700	644,161	1,700,183
Quebec				
1986	168,031	4,781,954	5,977,741	15,579,167
1987	182,321	5,436,454	6,955,049	18,129,302
1988	183,309	5,690,432	7,107,000	18,688,166
Ontario				
1986	286,237	7,812,614	9,642,861	25,304,784
1987	307,860	9,064,003	11,718,085	30,210,438
1988	309,792	9,484,390	12,107,809	31,316,717
Manitoba				
1986	32,905	890,253	1,036,838	2,798,191
1987	33,341	923,257	1,093,713	2,934,736
1988	34,738	1,008,641	1,177,296	3,188,335
Saskatchewan				
1986	38,367	929,301	1,121,989	2,960,108
1987	41,400	1,015,865	1,273,293	3,310,391
1988	41,510	1,063,405	1,361,096	3,525,109
Alberta				
1986	102,590	2,846,919	4,152,936	10,349,215
1987	111,029	2,996,968	4,169,362	10,439,470
1988	116,668	3,277,744	4,854,116	11,940,483
British Columbia²				
1986	97,107	2,779,104	3,483,503	8,967,038
1987	109,576	3,044,240	3,836,230	9,907,600
1988	112,194	3,208,581	4,070,082	10,490,634

¹ Actual expenditures 1986, preliminary 1987, intentions 1988.

² British Columbia includes Northwest Territories and Yukon.

³ Number of employees are arrived at by dividing the labour value by average annual salaries and wages. That average was derived in multiplying by 52 the average weekly wages and salaries paid in the construction industry in that year (data obtained from Labour Division).

Total Value of Construction Work Purchased - Type of Structure by New and Repair, Canada 1986-1988^{1,2}

Type of Structure	1986			1987			1988		
	New	Repair	Total	New	Repair	Total	New	Repair	Total
(millions of dollars)									
Construction - Total	61,117	10,584	71,701	69,623	11,233	80,856	73,508	11,771	85,279
Building Construction - Total	40,897	6,530	47,427	50,122	7,106	57,228	50,806	7,470	58,277
Residential	25,764	3,121	28,885	32,803	3,200	36,003	32,351	3,300	35,651
Industrial	2,360	841	3,201	2,326	864	3,189	2,418	921	3,339
Commercial	8,567	1,552	10,119	10,376	1,692	12,068	11,274	1,823	13,097
Institutional	2,980	585	3,565	3,258	914	4,172	3,238	964	4,202
Other building construction	1,225	431	1,656	1,359	437	1,796	1,525	462	1,987
Engineering Construction - Total	20,220	4,053	24,274	19,501	4,127	23,628	22,702	4,301	27,002
Marine construction	246	89	335	274	88	361	395	94	489
Road, highway and airport runways	4,018	1,175	5,192	3,829	1,235	5,065	4,021	1,263	5,284
Waterworks and sewage systems	2,118	259	2,377	2,003	291	2,294	2,245	308	2,553
Dams and irrigation	212	31	243	216	32	248	253	334	287
Electric power construction	2,963	407	3,370	3,228	397	3,625	4,022	421	4,443
Railway, telephone and telegraph	1,665	1,088	2,753	1,932	1,023	2,954	1,961	1,063	3,024
Gas and oil facilities	6,137	591	6,728	5,285	631	5,917	6,822	668	7,490
Other engineering construction	2,862	413	3,275	2,735	429	3,164	2,982	451	3,432

¹ Actual expenditures 1986, preliminary actual 1987, intentions 1988.

² In the Statistics Canada report *Private and Public Investment in Canada*, the total value of construction work purchased is given as \$71,699.2 million for 1986, \$80,855.5 million for 1987 and \$85,276.9 million for 1988.

NOTE: Figures may not add to totals due to rounding.

Construction Union Wage Rate Index

April 1988

The Canada total Union Wage Rate Index (including supplements) for construction trades (1981=100) for April 1988 remained unchanged from March 1988's level of 141.1. On a year-over-year basis, the 18-city Canada composite index increased by 3.1%.

The following table shows wage rates for bricklayers, plasterers and cement finishers for selected cities.

Available on CANSIM: matrices 400-405, 956 and 958.

The second quarter 1988 issue of *Construction Price Statistics* (62-007, \$16.50/\$66) will be available in September. See "How to Order Publications".

For more detailed information on this release, contact the Information and Current Analysis Unit (613-951-9607), Prices Division.

Construction Union Wage Rates¹

April 1988

	Trades					
	Bricklayer		Plasterer		Cement Finisher	
	B	B&S	B	B&S	B	B&S
	(in dollars)					
St. John's	16.34	19.31	16.34	19.31	16.34	19.31
Halifax	18.65	21.43	15.50	16.89	15.61	16.90
Saint John	16.13	18.84	16.13	18.84	16.13	18.84
Montreal	18.33	21.45	17.64	20.69	16.75	19.71
Ottawa	19.89	23.18	17.73	20.87	18.02	21.21
Toronto	20.33	24.59	17.95	22.09	18.10	22.28
Thunder Bay	19.79	23.36	17.65	21.75	16.81	20.86
Winnipeg	17.75	20.04	17.00	18.95	15.70	17.62
Regina	..	..	..	..	..	..
Edmonton	..	..	..	..	..	..
Vancouver	19.19	23.98	20.26	23.80	18.25	23.33

¹ Rates are available for other trades and other cities.

.. Figures not available.

B = Basic rate.

B&S = Basic rate plus selected pay supplements: vacation pay, statutory holiday pay, employer's contribution to health and welfare and pension plans.

Farm Input Price Index

First Quarter 1988

The Farm Input Price Index (FIPI, 1981 = 100) for the first quarter of 1988 stood at a preliminary level of 112.7, up 1.7% from the previous quarter and an increase of 3.3% from a year earlier. Out of nine major group indexes of the FIPI, eight rose and one declined over the quarter.

Highlights

- The animal production index contributed about 70% of the quarterly increase of the total FIPI. Within this major group, prices rose 6.4% for feeder cattle and 5.0% for feed, while prices for weanling pigs fell 12.7%.
- The crop production index increased due to higher fertilizer prices (4.1%), although prices for seed and pesticides marginally declined.
- In the machinery and motor vehicles major group, a 1.1% rise in machinery replacement was partially offset by lower prices for petroleum products (-1.2%), resulting in a 0.4% increase in the component index.

- The animal production index was also responsible for about half of the year-over-year increase of the total index, as prices for feeder cattle were up by 11.6%; however, a sharp decline of 23.1% was recorded in piglet prices from the same quarter a year ago.
- Regionally, the Eastern Canada FIPI was 114.4 (up 1.8% over the quarter and 4.1% over the year) and the Western Canada index stood at 111.4 (up 1.6% and 2.7%). Higher feeder cattle prices were the main factor in the increases.

Data users should note that in accordance with the revision of this series, some indexes for 1986 and 1987 have been revised. The indexes for 1986 are now final.

(see table on page 7)

Available on CANSIM: matrices 1900-1909.

The first quarter 1988 issue of *Farm Input Price Indexes* (62-004, \$11.25/\$45) will be available at the end of May. See "How to Order Publications".

For more detailed information on this release, contact the Information and Current Analysis Unit (613-951-9607), Prices Division.

Farm Input Price Indexes
(1981 = 100)

				% change	
	1st Quarter 1988	4th Quarter 1987	1st Quarter 1987	1st Q 1988/ 4th Q 1987	1st Q 1988/ 1st Q 1987
Eastern Canada					
Total Farm Input ^P	114.4	112.4	109.9	1.8	4.1
Building and fencing	141.8	139.7	135.8	1.5	4.4
Machinery and motor vehicles	122.0	119.6	116.8	2.0	4.5
Crop production	114.5	110.6	102.5	3.5	8.8
Animal production	111.6	109.6	108.5	1.8	2.9
Supplies and services	136.5	134.7	129.4	1.3	5.5
Hired farm labour	138.9	137.8	132.7	.8	4.7
Property taxes ^P	117.2	111.8	111.8	4.8	4.8
Interest ^P	80.4	79.9	78.6	.6	2.3
Farm rent ^P	67.4	65.5	65.5	2.9	2.9
Western Canada					
Total Farm Input ^P	111.4	109.6	108.5	1.6	2.7
Building and fencing	126.7	127.8	125.4	-.9	1.0
Machinery and motor vehicles	116.2	116.4	113.3	-.2	2.6
Crop production	92.7	93.0	97.6	-.3	-5.0
Animal production	124.6	118.3	117.6	5.3	6.0
Supplies and services	126.9	125.1	123.4	1.4	2.8
Hired farm labour	126.9	125.8	122.0	.9	4.0
Property taxes ^P	152.5	146.3	146.3	4.2	4.2
Interest ^P	77.0	76.6	75.3	.5	2.3
Farm rent ^P	80.7	82.4	82.4	-2.1	-2.1
Canada					
Total Farm Input ^P	112.7	110.8	109.1	1.7	3.3
Building and fencing	134.5	133.9	130.8	.4	2.8
Machinery and motor vehicles	118.0	117.5	114.4	.4	3.1
Crop production	101.2	99.9	100.5	1.3	.7
Animal production	118.0	113.9	113.0	3.6	4.4
Supplies and services	131.3	129.5	126.1	1.4	4.1
Hired farm labour	133.7	132.6	128.1	.8	4.4
Property taxes ^P	140.3	134.3	134.3	4.5	4.5
Interest ^P	78.4	78.0	76.7	.5	2.2
Farm rent ^P	77.7	78.6	78.6	-1.1	-1.1

^P Preliminary figures.

Data Availability Announcements

Labour Market Activity Survey 1986

A micro-data tape for the 1986 Labour Market Activity Survey is available at a cost of \$1,000.

For further information contact T.S. Murray (613-951-9476), Household Surveys Division or Richard Veevers (613-951-4617) or Maryanne Webber (613-951-6984), Labour and Household Surveys Analysis Division.

Restaurants, Caterers and Taverns March 1988

Restaurant, caterer and tavern receipts totalled \$1,237.9 million for March 1988, an increase of 15.4% over the \$1,072.9 million reported for the same period last year.

Available on CANSIM: matrix 52.

The March 1988 issue of *Restaurants, Caterers and Taverns* (63-011, \$5.50/\$55) will be available in approximately three weeks time. See "How to Order Publications".

For more detailed information on this release, contact Services Division (613-951-3506).

Railway Carloadings

Nine-day Period ending April 30, 1988

Highlights

- Revenue freight loaded by railways in Canada during the week totalled 6.8 million tonnes, an increase of 5.2% from the previous year.

- Piggyback traffic decreased 5.7% from the same period last year. The number of cars loaded decreased 10.4% during the same period.
- The tonnage of revenue freight loaded to date this year is 5.4% more than that loaded in the previous year.

	Nine-day Period ending April 30, 1988	Year to date
Carload Traffic		
Tonnes	6 768 869	84 036 916
% change from previous year	5.2	5.4
Cars	97,526	1,218,776
% change from previous year	-0.5	1.8
Piggyback Traffic		
Tonnes	352 211	4 583 443
% change from previous year	-5.7	7.2
Cars	11,805	155,822
% change from previous year	-10.4	1.8

Note: Piggyback traffic includes trailers and containers on flat cars. The 1987 figures and the 1988 year-to-date figures have been revised. Piggyback traffic numbers are included in total carload traffic.

Contact Angus McLean (613-951-2484), Surface Transport Unit, Transportation Division.

Oil Pipeline Transport

February 1988

Highlights

- In February, net receipts of crude oil and refined petroleum products into Canadian pipelines increased 15.3% from the same period last year to 13 984 343 cubic metres(m³). Year-to-date receipts, at 28 251 894 m³, were up 11.4% from 1987.
- Pipeline exports of crude oil increased 27.4% compared to February 1987 while pipeline imports declined 33.8% for the same period. On a cumulative basis, exports in 1988 were up 18.7% from 1987 levels, while imports decreased 24.8%.
- Deliveries of crude oil by pipeline to Canadian refineries this month rose 3.1% from 1987 while deliveries of liquid petroleum gases and refined petroleum products increased 46.8%.

Available on CANSIM: matrix 181.

The February 1988 issue of *Oil Pipeline Transport* (55-001, \$9/\$90) will be available the second week of June. See "How to Order Publications".

For more detailed information on this release, contact G. O'Connor (613-951-3562), Industry Division.

Sugar Sales

April 1988

Canadian sugar refiners reported total sales of 72 341 680 kilograms for all types of sugar in April 1988, comprising 68 845 548 kilograms in domestic sales and 3 496 132 kilograms in export sales. The 1988 year-to-date sales reported for all types of sugar totalled 294 447 537^r (revised figure) kilograms, 277 443 063 kilograms in domestic sales and 17 004 474^r kilograms in export sales.

This compares to total sales of 84 406 000 kilograms in April 1987, of which 80 664 000 kilograms were domestic sales and 3 742 000 kilograms were export sales. The 1987 year-to-date sales reported for all types of sugar totalled 313 182 000 kilograms: 293 531 000 kilograms in domestic sales and 19 651 000 export sales.

The April 1988 issue of *The Sugar Situation* (32-013, \$4.50/\$45) is scheduled to be released the week of June 6. See "How to Order Publications".

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

Steel Ingots

Week Ending May 7, 1988

Preliminary estimates indicate that Canadian steel ingot production for the week ending May 7, 1988 totalled 312 680 tonnes, an increase of 2.3% from the preceding week's total of 305 741 tonnes and up 6.3% from the year-earlier level of 294 177 tonnes.

The cumulative total in 1988 was 5 369 267 tonnes, an increase of 1.2% from 5 307 695 tonnes for the same period in 1987.

For more detailed information on this release, contact Gerry Barrett (613-951-3515), Industry Division.

The Dairy Review
March 1988

Available on CANSIM: matrices 5632-5638,
5650-5667 and 5673.

Creamery butter production in Canada totalled 8 699 tonnes in March 1988, an increase of 5.8% compared to March 1987. The March 1988 production of cheddar cheese in Canada amounted to 9 090 tonnes, a decrease of 11.2% compared to March 1987.

The March 1988 issue of *The Dairy Review* (23-001, \$11/\$110) is scheduled for release on May 31. See "How to Order Publications".

An estimated 576 354 kilolitres of milk were sold off Canadian farms for all purposes in February 1988, an increase of approximately 0.8% over February 1987. This brought the total estimate of milk sold off farms during the first two months of 1988 to 1 176 949 kilolitres, an increase of 0.5% over the January-February period a year ago.

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

Publication Released

**Security Transactions with
Non-residents, February 1988.**
Catalogue number 67-002
(Canada: \$15/\$150; Other Countries:
\$16/\$160).

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**Anticipated
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Reference period

May

17	Preliminary Statement of Canadian International Trade	March 1988
17	New Motor Vehicle Sales	March 1988
18	Department Store Sales by Province and Metropolitan Area	March 1988
20	The Consumer Price Index	April 1988
20	International Travel Account - Receipts and Payments	First Quarter 1988