

# The Daily

## Statistics Canada

Monday, July 27, 1987

### Major Releases

#### Private and Public Investment, Revised Intentions - 1987

- Capital expenditures for 1987 are estimated to reach \$106 billion, up 6.7% from the last investors' estimate of \$99.4 billion.

#### Real Gross Domestic Product at Factor Cost, by Industry, May 1987

- Real GDP advanced 0.2% from April 1987.

#### Wholesale Trade, May 1987

- Wholesale merchants' sales increased 11.6% from May 1986.

#### Employment, Earnings and Hours, May 1987

- Average weekly earnings for all employees were estimated at \$440.24, up 3.5% from a year earlier.

#### Crude Oil and Natural Gas, April 1987

- After registering year-over-year increases for the last 12 consecutive months, crude oil exports declined 4.3% from April 1986.

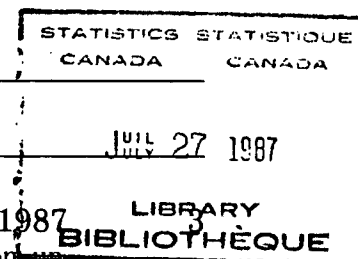
(continued on page 2)

#### Canada's International Trade in Business Services 1985

The results of the 1985 survey on Canada's international transactions in business services can be obtained by contacting Lucie Lalibertée (613-990-9050).

Tables similar to those published in *Canada's International Trade in Services*, 1969 to 1984 (Catalogue 67-510), are only available upon request.

A summary table and some textual analysis are in the *Quarterly Estimates of the Canadian Balance of International Payments*, First Quarter 1987 (67-001, \$25/\$100), now available.



Statistics  
Canada

Statistique  
Canada

Canada

---

## **Data Availability Announcements**

---

Railway Carloadings, Seven-day Period Ending July 7, 1987	20
Chain Store Stocks, May 1987	21
Government Revenue and Expenditure, First Quarter 1987	21
Production of Biscuits, Second Quarter 1987	21
Rigid Insulating Board, June 1987	22
Electric Lamps, June 1987	22

---

## **Publications Released**

---

23

---

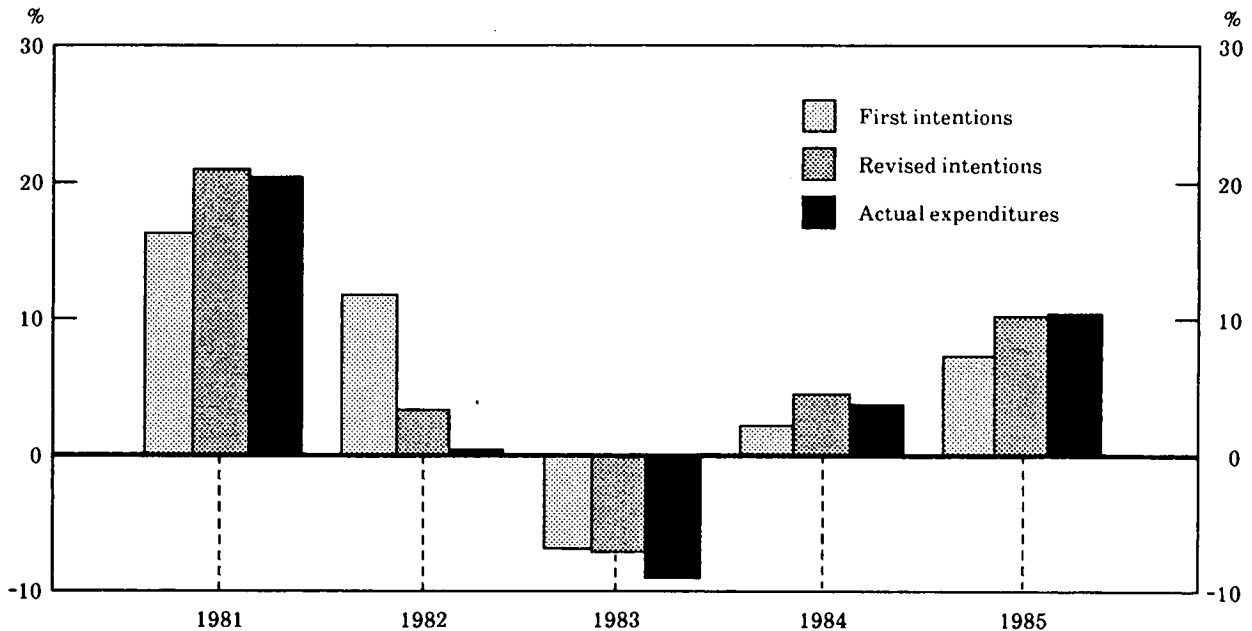
## **Regional Reference Centres**

---

24

## Major Releases

### Year-over-year Percentage Changes in Total Capital Expenditures (Excluding Housing) 1981 to 1985



### Private and Public Investment in Canada

#### Revised Intentions 1987

Investors have added \$6.6 billion (6.7%) to their intended expenditures on fixed assets during 1987. Their revised intentions amount to \$106 billion and supersede the \$99.4 billion reported at the beginning of this year.

Compared with 1986, the new total is 10.8% above the \$95.7 billion estimated for last year. Major contributions come from year-over-year increases of 17.8% for the trade-finance-commercial group, 14.6% for manufacturing, and 13.6% for utilities.

The current estimates are based on a survey conducted between the end of April and the beginning of July in which respondents were asked to update their investment intentions first reported between late October and the end of January.

In the past, changing economic conditions during the year and the cyclical pattern of investors' plans have contributed to differences

among reported intentions, revised intentions and the actual capital spending. The accompanying chart shows the first intentions falling short of the actual expenditures in three of the five years between 1981 and 1985. Expenditures were overestimated in 1982 and 1983. In the same period, the revised intentions were above the actual expenditures in the four years 1981 to 1984 and only marginally lower in 1985.

Highlights of the 1987 programs in relation to 1986 are as follows:

#### Business Sector

- The intended \$6.8 billion expenditures for mining in 1987 are now only 4.8% below 1986 compared with a 14.5% decrease reported earlier. Additions to the programs of drilling for petroleum and gas and in gold mining account for the improved outlook.

(continued on page 4)

- Total expenditures of \$15.9 billion in manufacturing are now expected to be 14.6% above 1986, following upward revisions in transportation equipment, wood and paper products and in food and beverages. The preceding estimate was of an 8.7% increase for total manufacturing.
- The estimate of \$15.5 billion for utilities now represents an increase of 13.6% as a result of further increases in expenditures reported in transportation and communications and in electric power. An increase of 9.0% was estimated in the earlier release for utilities.

#### **Governments and Institutions**

- Investment intentions of \$11.1 billion by governments are now reported to be 6.4% above last year with additions by federal and municipal governments exceeding a reduction at the provincial level. Governments reported an intended increase of 5% in the earlier estimates.
- An increase of 6.4% in the \$3.5 billion total for institutions reflects mostly the added expenditures reported by hospitals. This revises a gain of 4.2% for institutions reported in the earlier release.

#### **Housing**

- Residential construction is now estimated at \$28.5 billion or 11.3% above 1986, following a 2.2% increase estimated earlier. The projection is based on 205,000 housing starts compared with the 182,000 used at the beginning of the year. The comparable starts used for 1986 were 199,785 and 165,826 for 1985.

#### **Provincial Comparisons**

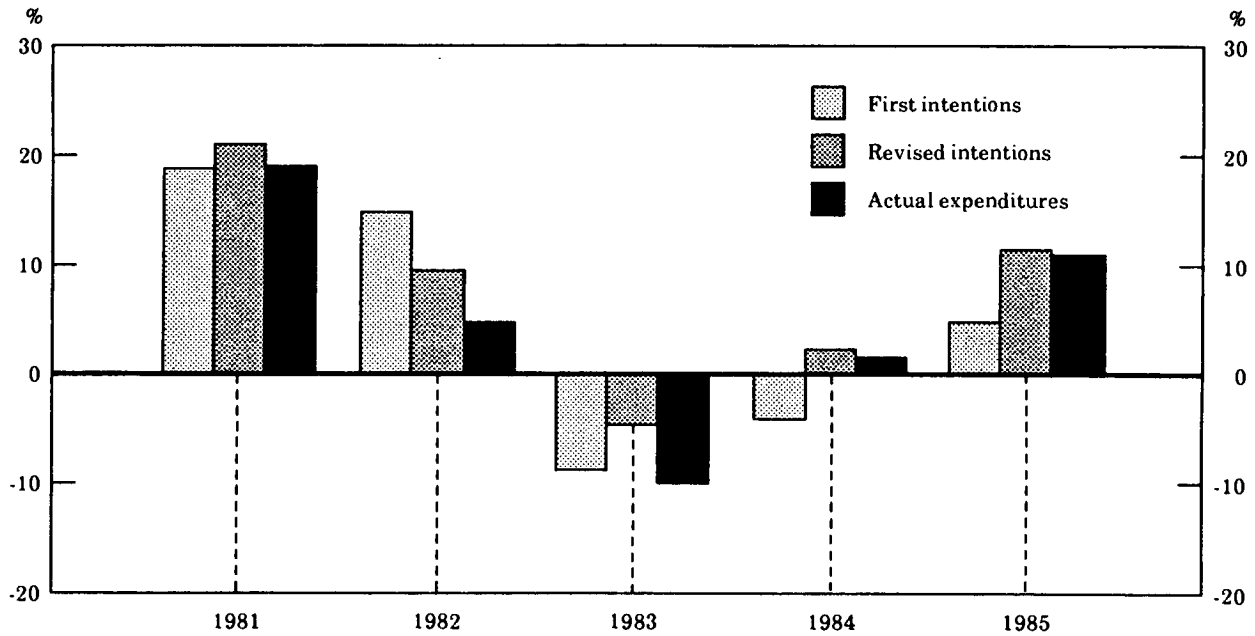
All of the provinces and the territories show additional strength in their revised intentions with the exception of Prince Edward Island. In the new totals for the provinces in 1987, the largest year-over-year increase is expected for Ontario (14.8%) where the major contributors are the trade-financial-commercial group and housing. British Columbia, Quebec and Saskatchewan are the other provinces exceeding the national average of 10.8% with anticipated increases of 14.3%, 12.2% and 12.1% respectively. Manufacturing is an important element underlying the increase in those three provinces.

(see charts and tables on pages 5 to 8)

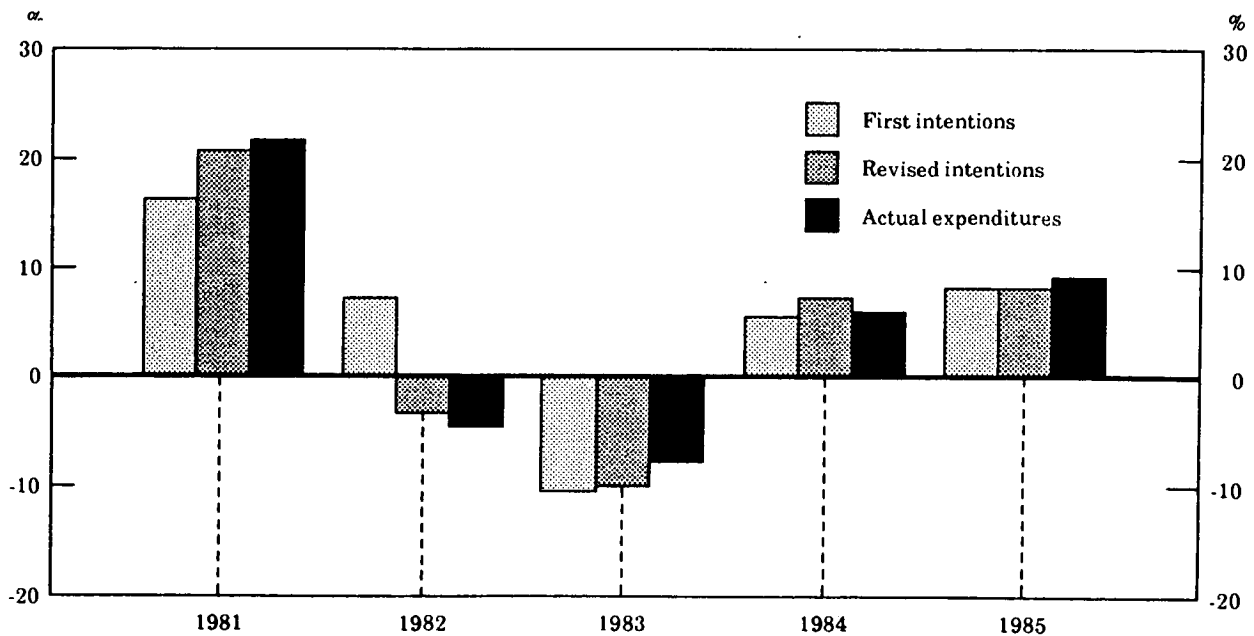
Additional statistics for the provinces by industry or according to private or public categories are available on CANSIM: matrices 1188, 1192, 1196, 1200, 1204, 1208, 1212, 1216, 1220, 1224, 1228 and 1244-1257.

*Order Private and Public Investment in Canada, Revised Intentions 1987* (61-206, \$25), available mid-August. Contact Duncan Lusick (613-991-2209) or Justin Lacroix (613-991-2589), Science, Technology and Capital Stock Division. Regional offices of Statistics Canada may also be contacted.

**Year-over-year Percentage Changes in Capital Expenditures for Non-residential Construction, 1981 to 1985**



**Year-over-year Percentage Changes in Capital Expenditures for Machinery and Equipment, 1981 to 1985**



# **Comparison of Capital Expenditures**

	Total Capital			% Change	
	(Millions of dollars)			Intentions 1987 vs. Preliminary 1986	Revised Intentions 1987 vs. Preliminary 1986
	1986 Preliminary	1987 Intentions	1987 Revised Intentions		
Agriculture/fishing	2,892	2,735	2,730	-5.4	-5.6
Forestry	211	261	243	23.7	15.2
Mining	7,167	6,131	6,821	-14.5	-4.8
Construction	1,444	1,471	1,560	1.8	8.0
Manufacturing	13,910	15,118	15,936	8.7	14.6
Utilities	13,656	14,886	15,512	9.0	13.6
Trade	2,466	2,731	2,933	10.7	18.9
Finance	6,885	7,593	8,682	10.3	26.1
Commercial	7,763	7,887	8,554	1.6	10.2
<b>Sub-total Business</b>	<b>56,394</b>	<b>58,813</b>	<b>62,971</b>	<b>4.3</b>	<b>11.7</b>
Institutions	3,281	3,419	3,490	4.2	6.4
Government departments	10,439	10,967	11,105	5.0	6.4
<b>Sub-total Social</b>	<b>13,720</b>	<b>14,386</b>	<b>14,595</b>	<b>4.9</b>	<b>6.4</b>
Housing	25,593	26,169	28,488	2.2	11.3
<b>Grand Total</b>	<b>95,707</b>	<b>99,368</b>	<b>106,054</b>	<b>3.8</b>	<b>10.8</b>

# Total Capital Expenditures

1977 to 1987

Year	January Inten- tions	Revised Inten- tions	Realiza- tions or Actual	Actual vs. January Inten- tions	Actual vs. Revised Inten- tions
(Millions of dollars)			%		
<b>Business Sector</b>					
1977	28,496	29,075	28,505	0.0	-2.0
1978	30,147	31,266	31,528	4.6	0.8
1979	34,865	36,481	38,960	11.7	6.8
1980	44,226	45,787	46,382	4.9	1.3
1981	54,936	56,964	56,340	2.6	-1.1
1982	63,133	57,369	55,354	-12.3	-3.5
1983	50,358	50,077	49,338	-2.0	-1.5
1984	49,569	50,696	50,810	0.2	0.2
1985	54,399	56,125	55,481	2.0	-1.1
1986	56,495	56,009	56,394	-0.2	0.7
1987	58,813	62,971	-	-	-
<b>Housing, Institutions and Governments</b>					
1977	16,953	17,434	18,092	6.7	3.8
1978	18,836	18,685	18,832	0.0	0.8
1979	19,858	19,961	19,394	-2.3	-2.8
1980	20,111	20,149	19,811	-1.5	-1.7
1981	21,587	22,334	23,264	7.8	4.2
1982	24,039	23,209	21,407	-10.9	-7.8
1983	22,408	23,721	24,181	7.9	1.9
1984	25,492	24,631	24,568	-3.6	-0.3
1985	25,729	25,978	35,023	36.1	34.8
1986	29,357	30,639	39,313	33.9	28.3
1987	40,555	43,082	-	-	-
<b>All Industries</b>					
1977	45,450	46,509	46,598	2.5	0.2
1978	48,983	49,951	50,360	2.8	0.8
1979	54,723	56,442	58,354	6.6	3.4
1980	64,337	65,936	66,193	2.9	0.4
1981	76,523	79,298	79,604	4.0	0.4
1982	87,172	80,578	76,761	-11.9	-4.7
1983	72,766	73,798	73,519	1.0	-0.4
1984	75,061	75,327	75,378	0.4	0.1
1985	80,128	82,102	90,504	12.9	10.2
1986	85,852	86,648	95,707 <sup>1</sup>	11.5	10.4
1987	99,368	106,054	-	-	-

<sup>1</sup> 1986 is subject to one more update to represent realizations or actual outlays.

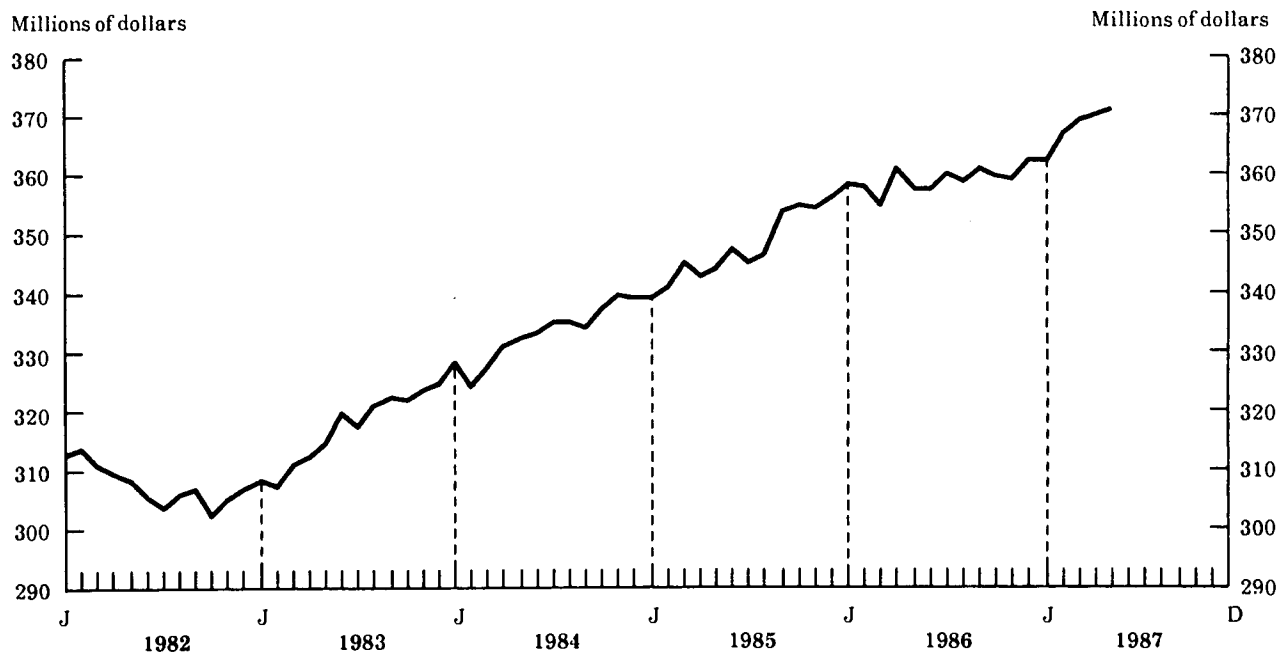
- Nil or zero.





## 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

May 1987 (seasonally adjusted data)

### Monthly Overview

Gross Domestic Product at factor cost, in 1981 prices, advanced 0.2% in May. The rise in the economy that began in December continued into the second quarter; the April-May average level now stands 1.2% above the first quarter of 1987. For the month of May, goods-producing industries supplied most of the growth, posting a 0.4% increase in output, while services-producing industries advanced by 0.1%.

### Goods-producing Industries

The May increase among goods-producing industries followed a 0.3% decline in April. Most of the growth occurred in construction and mining. Within mining, iron mines posted the largest gain, helped by the end of a strike. The increase in construction was due to a strong surge in residential building activity, particularly in the construction of single dwellings and apartment buildings.

### Services-producing Industries

Services-producing industries, while still posting gains, grew at a slower pace than in the previous three months. The 0.1% gain in May followed a gain of 0.6% in both March and April and 1.0% in February. In May, the largest output advance occurred in the finance, real estate and insurance industries, which was mainly due to increases in activity by banks and trust companies. Modest gains were recorded among the transportation and storage industries, with pipeline transport posting the only significant decline. Declines occurred in wholesale and retail trade as consumer spending slackened during May. The decline in retail trade was due almost entirely to a drop in sales by new motor vehicle dealers and department stores.

(see table on page 10)

Available on CANSIM: matrices 4665-4668.

Order the May 1987 issue of *Gross Domestic Product by Industry* (15-001, \$10/\$100), scheduled for release in mid-August. Contact Richard Martel (613-990-9145), 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			
	May	February	March	April	May
	(\$ millions)				
<b>Total economy</b>	<b>357,477.0</b>	<b>366,644.4</b>	<b>369 142.8</b>	<b>370,099.6</b>	<b>370,972.8</b>
<b>Business sector</b>					
Agricultural and related services industries	11,518.8	11,361.6	11,329.2	11,460.0	11,330.4
Fishing and trapping industries	634.8	630.0	752.4	734.4	480.0
Logging and forestry industry	2,521.2	2,784.0	2,937.6	2,882.4	2,858.4
Mining, quarrying and oil well industries	19,014.0	18,768.0	18,754.8	18,388.8	18,811.2
Manufacturing industries	65,995.2	68,046.4	68,533.2	68,021.6	68,145.6
Construction industries	24,427.2	25,686.8	26,025.6	26,288.0	26,820.8
Transportation and storage industries	16,034.4	16,824.0	16,626.0	16,801.2	16,853.6
Communication industries	10,239.6	10,729.2	10,808.4	10,830.0	10,918.8
Other utility industries	10,884.0	11,370.0	11,456.4	11,596.8	11,532.0
Wholesale trade industries	17,277.6	19,002.0	18,973.2	19,140.0	19,107.6
Retail trade industries	23,095.2	23,928.0	24,030.0	24,447.6	24,307.2
Finance, insurance and real estate	53,473.2	53,536.8	54,966.0	55,386.0	55,592.4
Community, business and personal services	38,769.6	39,838.8	39,724.8	39,817.2	39,903.2
<b>Non-business sector</b>					
Mining industries	62.4	56.4	49.2	49.2	37.2
Manufacturing industries	63.6	63.6	66.0	61.2	61.0
Forestry services industry	280.8	270.0	267.6	267.6	270.0
Transportation industries	1,528.2	1,596.0	1,597.2	1,599.6	1,598.4
Communication industries	55.2	52.8	52.8	54.0	51.6
Water systems industry	549.6	558.0	562.8	566.4	562.8
Insurance and other finance industry	334.8	343.2	361.2	352.8	355.2
Government service industries	23,354.4	23,329.2	23,385.6	23,455.2	23,442.0
Community and personal services	37,363.2	37,869.6	37,882.8	37,899.6	37,933.4
<b>Special aggregations</b>					
Business sector:	293,884.8	302,505.6	304,917.6	305,794.0	306,661.2
- goods	134,995.2	138,646.8	139,789.2	139,372.0	139,978.4
- services	158,889.6	163,858.8	165,128.4	166,422.0	166,682.8
Non-business sector	63,592.2	64,138.8	64,225.2	64,305.6	64,311.6
- goods	675.6	678.0	678.0	676.8	661.0
- services	62,916.6	63,460.8	63,547.2	63,628.8	63,650.6
Goods-producing industries	135,670.8	139,324.8	140,467.2	140,048.8	140,639.4
Services-producing industries	221,806.2	227,319.6	228,675.6	230,050.8	230,333.4
Industrial production	96,568.8	98,862.4	99,422.4	98,684.0	99,149.8
Non-durable manufacturing industries	31,010.4	31,781.9	32,156.0	31,891.0	31,819.4
Durable manufacturing industries	34,984.8	36,264.5	36,377.2	36,130.6	36,326.2

## Wholesale Trade

May 1987

### Sales

- Preliminary estimates indicate that wholesale merchants' sales for May 1987 were 11.6% above those of May 1986. In the first five months of 1987, cumulative sales were up 12.7% compared to the corresponding period in 1986.
- In May, all major groups, except wholesalers of farm machinery, equipment and supplies (-13.0%), registered increased sales over a year earlier. The trade groups having the most significant impact on the overall sales increase were wholesalers of electrical and non-electrical machinery, equipment and supplies (+20.1%), food (+11.6%) and lumber and building materials (+17.6%).

- Wholesale trade increases between May 1986 and May 1987 were posted in all regions, ranging from 15.9% in Ontario to 4.3% in Quebec.

### Inventories

- Inventory levels in May 1987 were 2.8% higher than those reported in May 1986. The ratio of inventories to sales at the end of May 1987 stood at 1.37:1, down from the 1.49:1 recorded in the corresponding month of 1986.

(see table on page 12)

Available on CANSIM: matrix 44.

Order the May 1987 issue of *Wholesale Trade* (63-008, \$5/\$50), available the third week of August. Contact Gilles Simard (613-991-3541), Wholesale Trade Section, Industry Division.

## Wholesale Trade

Percentage Change in Sales and Inventories for May 1987/1986

Major Trade Groups - Regions	Sales			Inventories		Stocks/Sales Ratios	
	Apr. 1987/86 <sup>r</sup>	May 1987/86 <sup>p</sup>	Jan.-May 1987/86 <sup>p</sup>	Apr. 1987/86 <sup>r</sup>	May 1987/86 <sup>p</sup>	May 1986 <sup>r</sup>	May 1987 <sup>p</sup>
<b>Total all trades</b>	<b>11.9</b>	<b>11.6</b>	<b>12.7</b>	<b>2.5</b>	<b>2.8</b>	<b>1.49</b>	<b>1.37</b>
Food	16.3	11.6	13.3	5.4	5.7	0.72	0.68
Tobacco, drugs and toilet preparations	3.8	7.4	4.3	1.8	6.0	0.90	0.89
Apparel, dry goods, furniture and general merchandise	10.4	8.2	15.1	-2.0	0.1	2.51	2.32
Motor vehicles and accessories	5.2	7.0	7.7	7.3	7.5	1.65	1.66
Farm machinery, equipment and supplies	-8.8	-13.0	-2.0	-12.4	-11.7	2.83	2.87
Other machinery, equipment and supplies <sup>1</sup>	20.0	20.1	18.4	5.1	6.0	1.87	1.65
Metals, hardware, plumbing and heating equipment	12.9	18.3	11.9	4.1	4.2	1.71	1.50
Lumber and building materials	15.8	17.6	20.9	0.8	0.6	1.40	1.20
Other wholesalers <sup>2</sup>	8.9	7.7	9.7	2.4	0.5	1.22	1.14
<b>Regions</b>							
Atlantic provinces	10.4	12.7	11.9	10.2	11.7	1.31	1.30
Quebec	8.1	4.3	9.7	3.6	2.0	1.26	1.23
Ontario	16.4	15.9	16.8	6.1	7.7	1.47	1.36
Prairie provinces	9.2	11.2	8.4	-6.2	-6.0	2.09	1.77
B.C., Yukon and Northwest Territories	9.1	14.5	11.6	2.9	1.8	1.35	1.20

<sup>1</sup> Includes: electrical machinery, equipment and supplies; and machinery and equipment, n.e.s.

<sup>2</sup> Includes: farm products (excluding grain); paper and paper products; scrap and waste materials; and wholesalers, n.e.s.

<sup>r</sup> Revised figures.

<sup>p</sup> Preliminary figures.

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

Preliminary data for May 1987 showed an estimated 9,892,000 employees at the Canada industrial aggregate level<sup>1</sup>, an increase of 96,000 (+1.0%) from the previous month (not adjusted for seasonal variation). This represents a smaller than usual increase in employment for this time of year. Compared to May 1986, industrial aggregate employment increased by 1.1% (after adjustment for sampling frame changes - see accompanying note).

Average weekly earnings for all employees were estimated at \$440.24 for May, little changed from April and 3.5% above the level of May 1986 (adjusted for sampling frame changes).

### Employment

Estimated employment in May in the goods-producing industries was 2.5% higher than in April, a smaller than usual increase for this time of year. Employment estimates increased less than usual in forestry and manufacturing. The number of employees in the service-producing industries rose by only 0.5% between April and May. Employment increased less than usual for this time of year in trade and community, business and personal services while it increased more than usual in finance, insurance and real estate.

The total number of employees at the Canada industrial aggregate level increased by an estimated 108,000 (+1.1%) from May 1986. The year-to-year growth rates were the lowest of 1987 in both the goods-producing and service-producing industries. Among the industries contributing to lower annual rates of change were forestry, manufacturing, trade and community, business and personal services. Finance, insurance and real estate showed the highest year-to-year growth rate since May 1985.

### Note to Users Regarding Data Revisions

Changes to the survey of Employment, Payrolls and Hours (SEPH) sampling frame were phased-in over a four-month period beginning with January 1987. Major changes included improvements to the coverage of firms in the survey sampling frame and a re-assignment of some establishments to more appropriate industry, geographic and/or employment size categories. Revised sampling fractions were also implemented in a number of areas to improve the efficiency of the sample. These changes were designed to improve the accuracy and reliability of the estimates and were expected to result in higher estimates of employment. The phase-in over the four months, however, affected the month-to-month comparability of the published estimates over this period.

The April 1987 data reflect the full impact of the sampling frame changes. Data for the months of January, February and March 1987 have been revised from previously published information to remove the impact of the phase-in and provide data for the first four months of 1987 on a consistent basis. The revised data are presented in the accompanying tables.

Although only the 1987 estimates have been revised, adjustments to SEPH data for the previous years will be required when making comparisons with the revised 1987 estimates. Adjustment factors needed to make such comparisons and explanations on their use will be published in the May issue of *Employment, Earnings and Hours* (Catalogue 72-002). The factors are also available on request from the Labour Division (613-991-4090).

Please note that these adjustment factors have been used to remove the estimated impact of the sampling frame changes from all year-over-year comparisons referred to in the accompanying text.

(continued on page 14)

<sup>1</sup> The industrial aggregate is the sum of all industries with the exception of agriculture; fishing and trapping; religious organizations; private households and military personnel.

At the provincial level, estimated employment increased less than usual between April and May in Nova Scotia, New Brunswick, Quebec, Ontario and British Columbia. All provinces except Newfoundland, Saskatchewan and Alberta showed lower year-to-year growth rates in May than in the previous four months.

### Earnings

Average weekly earnings for all employees in the goods-producing industries remained virtually unchanged between April and May 1987. Average weekly earnings increased in construction at a time of year when a decrease is usually observed. In the service-producing industries, average weekly earnings were little changed from April.

Compared to May 1986, total average weekly earnings increased by 3.5%, the highest yearly growth rate since February of last year. Average weekly earnings in the goods-producing industries rose by 5.3% from a year earlier. The year-to-year growth rates were the highest of 1987 in mines, quarries and oil wells, manufacturing and construction. The year-to-year growth rate in the service-producing industries was 2.9%. The yearly growth rate in trade was the lowest since the introduction of the survey of Employment, Payrolls and Hours in March 1983. The annual growth rates in transportation, communication and other utilities and in finance, insurance and real estate were the highest in the last 12 months.

At the provincial level, average weekly earnings increased more than usual between April and May in Quebec and decreased in

Saskatchewan at a time of year where an increase is usually observed. The yearly rates of change in average weekly earnings were higher in May than in the first four months of the year in New Brunswick, Quebec, Ontario, Alberta and British Columbia.

### 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 47% of industrial aggregate employment) were estimated at 32.0 hours in May, a slight increase from the previous month. Average weekly hours were estimated at 38.9 hours in the goods-producing industries and 28.3 hours in the service-producing industries.

Average hourly earnings of employees paid by the hour, estimated at \$11.00 in May 1987, remained virtually unchanged from April. Average hourly earnings in May were estimated at \$12.92 in the goods-producing industries and \$9.59 in the service-producing industries.

(see table on pages 15 to 18)

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

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

# Employment, Earnings and Hours

May 1987

(data not seasonally adjusted)

Industry Group - Canada (1970 SIC)	All Employees				
	Number				
	May	Apr.	Mar.	Feb.	Jan.
	1987 <sup>p</sup>	1987 <sup>r</sup>	1987 <sup>r</sup>	1987 <sup>r</sup>	1987 <sup>r</sup>
	thousands				
Forestry	48.0	42.2	47.4	53.8	52.8
Mines, quarries and oil wells	149.1	145.2	148.3	147.7	150.3
Manufacturing	1,873.3	1,855.3	1,836.3	1,816.9	1,820.1
Durables	899.0	891.9	881.1	872.7	869.2
Non-durables	974.3	963.4	955.1	944.1	950.8
Construction	452.1	417.2	387.9	377.7	393.0
Building	381.8	354.5	333.3	322.4	335.3
Industrial and heavy	70.2	62.8	54.6	55.3	57.7
<b>Goods-producing industries</b>	<b>2,522.5</b>	<b>2,459.8</b>	<b>2,419.8</b>	<b>2,396.1</b>	<b>2,416.3</b>
Transportation, communication and other utilities	809.4	796.2	791.8	791.0	798.5
Transportation	454.1	442.9	440.4	440.0	445.5
Storage	12.7	12.5	12.2	12.6	12.6
Communication	224.6	224.3	224.1	223.3	225.5
Electric power, gas and water utilities	117.9	116.5	115.0	115.1	114.9
Trade	1,759.6	1,759.0	1,747.8	1,760.0	1,799.4
Wholesale	522.2	499.8	491.9	489.5	500.5
Retail	1,237.4	1,259.1	1,255.9	1,270.5	1,298.9
Finance, insurance and real estate	619.9	605.9	598.6	590.3	600.1
Community, business and personal services	3,522.1	3,516.2	3,484.4	3,431.4	3,420.0
Public administration	659.0	659.0	656.4	648.9	642.1
<b>Service-producing industries</b>	<b>7,370.0</b>	<b>7,336.3</b>	<b>7,279.0</b>	<b>7,221.6</b>	<b>7,260.0</b>
<b>Industrial aggregate</b>	<b>9,892.5</b>	<b>9,796.2</b>	<b>9,698.9</b>	<b>9,617.7</b>	<b>9,676.3</b>
<b>Industrial aggregate - Provinces</b>					
Newfoundland	134.4	127.3	126.1	126.8	123.6
Prince Edward Island	33.0	31.7	30.6	30.3	30.2
Nova Scotia	276.6	271.9	269.3	264.6	269.7
New Brunswick	202.1	199.6	196.9	205.4	203.3
Quebec	2,458.7	2,430.6	2,404.3	2,387.8	2,402.3
Ontario	4,126.4	4,112.6	4,065.4	4,012.5	4,051.9
Manitoba	387.4	377.5	373.0	368.2	377.5
Saskatchewan	293.1	285.8	282.8	286.0	285.8
Alberta	896.9	886.1	886.6	889.5	885.9
British Columbia	1,056.5	1,046.2	1,036.7	1,019.8	1,019.7
Yukon	9.5	9.3	9.2	8.8	9.0
Northwest Territories	17.9	17.6	17.9	17.9	17.7
<b>Canada</b>	<b>9,892.5</b>	<b>9,796.2</b>	<b>9,698.9</b>	<b>9,617.7</b>	<b>9,676.3</b>

<sup>p</sup> Preliminary estimates.

<sup>r</sup> Revised estimates.

# Employment, Earnings and Hours - Continued

May 1987

(data not seasonally adjusted)

Industry Group - Canada (1970 SIC)	All Employees				
	Average Weekly Earnings				
	May	Apr.	Mar.	Feb.	Jan.
	1987 <sup>p</sup>	1987 <sup>r</sup>	1987 <sup>r</sup>	1987 <sup>r</sup>	1987 <sup>r</sup>
	dollars				
Forestry	594.22	626.38	637.92	652.92	622.65
Mines, quarries and oil wells	724.40	725.80	724.74	725.23	731.13
Manufacturing	520.51	519.31	520.33	520.09	514.56
Durables	553.35	551.81	554.98	554.30	547.20
Non-durables	490.21	489.23	488.36	488.47	484.72
Construction	538.36	531.64	530.49	534.10	528.93
Building	521.42	516.39	516.00	518.04	511.88
Industrial and heavy	630.47	617.72	618.95	627.69	627.98
<b>Goods-producing industries</b>	<b>537.16</b>	<b>535.42</b>	<b>536.79</b>	<b>537.93</b>	<b>532.74</b>
Transportation, communication and other utilities	574.46	574.18	569.72	569.80	574.79
Transportation	530.80	528.47	526.76	527.66	527.86
Storage	541.21	546.90	535.14	540.77	541.44
Communication	596.15	595.67	589.84	587.47	599.81
Electric power, gas and water utilities	704.92	709.54	698.65	699.82	711.33
Trade	325.10	322.33	322.85	318.68	320.72
Wholesale	454.91	454.30	453.44	456.11	455.09
Retail	270.32	269.94	271.70	265.72	268.95
Finance, insurance and real estate	485.67	482.30	473.29	465.69	455.09
Community, business and personal services	365.53	364.45	362.93	364.75	365.41
Public administration	568.33	568.79	567.93	571.71	571.00
<b>Service-producing industries</b>	<b>407.06</b>	<b>405.20</b>	<b>403.36</b>	<b>402.83</b>	<b>402.96</b>
<b>Industrial aggregate</b>	<b>440.24</b>	<b>437.90</b>	<b>436.65</b>	<b>436.49</b>	<b>435.36</b>
<b>Industrial aggregate - Provinces</b>					
Newfoundland	421.57	419.95	423.20	428.21	426.48
Prince Edward Island	363.73	366.06	363.82	365.03	368.68
Nova Scotia	398.49	398.22	393.32	396.10	392.54
New Brunswick	410.62	408.43	402.31	405.21	404.14
Quebec	429.48	423.50	421.32	422.30	420.67
Ontario	452.36	451.40	449.43	449.54	447.04
Manitoba	406.47	406.28	404.56	402.62	400.40
Saskatchewan	405.62	409.05	406.76	399.73	405.37
Alberta	446.51	444.72	445.67	443.12	450.30
British Columbia	452.68	448.72	452.20	451.34	448.70
Yukon	478.10	481.46	481.26	514.15	523.44
Northwest Territories	610.82	616.04	612.78	607.64	613.15
<b>Canada</b>	<b>440.24</b>	<b>437.90</b>	<b>436.65</b>	<b>436.49</b>	<b>435.36</b>

<sup>p</sup> Preliminary estimates.

<sup>r</sup> Revised estimates.



**Employment, Earnings and Hours - Continued**

May 1987

(data not seasonally adjusted)

Industry Group - Canada (1970 SIC)	Employees Paid by the Hour				
	Average weekly hours				
	May 1987 <sup>p</sup>	Apr. 1987 <sup>r</sup>	Mar. 1987 <sup>r</sup>	Feb. 1987 <sup>r</sup>	Jan. 1987 <sup>r</sup>
	Number				
Forestry	39.0	39.4	39.8	41.3	40.3
Mines, quarries and oil wells	39.8	39.3	39.8	39.6	40.3
Manufacturing	39.0	38.9	39.0	39.0	38.6
Durables	40.2	40.0	40.4	40.3	39.8
Non-durables	37.9	37.7	37.5	37.6	37.3
Construction	38.0	37.5	37.3	37.1	37.1
Building	37.2	37.1	37.0	36.8	36.7
Industrial and heavy	41.7	39.8	39.3	39.3	39.2
<b>Goods-producing industries</b>	<b>38.9</b>	<b>38.7</b>	<b>38.8</b>	<b>38.7</b>	<b>38.4</b>
Transportation, communication and other utilities	37.8	37.7	37.3	37.5	38.0
Transportation	37.2	37.0	36.6	36.9	37.4
Storage	38.0	38.6	37.5	38.2	37.0
Communication	36.8	36.8	36.7	36.6	36.6
Electric power, gas and water utilities	40.6	40.6	40.5	40.4	41.3
Trade	28.7	28.2	28.1	27.6	28.2
Wholesale	36.1	35.7	35.5	35.2	36.1
Retail	27.1	26.7	26.7	26.2	26.7
Finance, insurance and real estate	...	...	...	...	...
Community, business and personal services	26.7	26.4	26.4	26.2	26.4
Public administration	...	...	...	...	...
<b>Service-producing industries</b>	<b>28.3</b>	<b>28.0</b>	<b>27.9</b>	<b>27.7</b>	<b>28.0</b>
<b>Industrial aggregate</b>	<b>32.0</b>	<b>31.6</b>	<b>31.6</b>	<b>31.4</b>	<b>31.5</b>
<b>Industrial aggregate - Provinces</b>					
Newfoundland	34.6	33.8	34.5	34.5	34.4
Prince Edward Island	31.3	30.8	29.8	30.1	30.5
Nova Scotia	32.7	32.4	32.0	31.9	31.5
New Brunswick	34.0	33.7	33.0	33.2	33.0
Quebec	32.9	32.4	32.6	32.4	32.3
Ontario	32.4	32.1	32.0	31.9	31.9
Manitoba	31.1	31.0	30.8	30.4	30.8
Saskatchewan	28.3	28.4	28.3	27.7	28.4
Alberta	29.8	29.5	29.8	29.4	30.2
British Columbia	30.2	29.8	29.8	29.4	29.9
Yukon	29.2	29.5	29.8	32.3	32.5
Northwest Territories	32.2	32.7	33.8	33.0	34.1
Canada	32.0	31.6	31.6	31.4	31.5

<sup>p</sup> Preliminary estimates.

<sup>r</sup> Revised estimates.

... Figures not appropriate or not applicable.

# Employment, Earnings and Hours – Concluded

May 1987

(data not seasonally adjusted)

Industry Group – Canada (1970 SIC)	Employees Paid by the Hour				
	Average hourly earnings				
	May 1987 <sup>p</sup>	Apr. 1987 <sup>r</sup>	Mar. 1987 <sup>r</sup>	Feb. 1987 <sup>r</sup>	Jan. 1987 <sup>r</sup>
	dollars				
Forestry	16.99	17.17	16.96	16.92	16.86
Mines, quarries and oil wells	16.13	16.26	16.15	16.21	16.01
Manufacturing	12.19	12.20	12.19	12.19	12.17
Durables	12.80	12.79	12.79	12.80	12.72
Non-durables	11.52	11.54	11.52	11.50	11.57
Construction	14.73	14.78	14.87	15.02	14.82
Building	14.63	14.62	14.71	14.82	14.61
Industrial and heavy	15.21	15.59	15.87	16.14	16.04
<b>Goods-producing industries</b>	<b>12.92</b>	<b>12.90</b>	<b>12.89</b>	<b>12.92</b>	<b>12.90</b>
Transportation, communication and other utilities	13.92	13.99	13.93	13.88	13.96
Transportation	13.14	13.19	13.17	13.16	13.23
Storage	14.35	14.29	13.80	13.84	14.01
Communication	14.49	14.62	14.54	14.32	14.29
Electric power, gas and water utilities	16.20	16.28	16.14	16.10	16.26
Trade	8.40	8.43	8.42	8.48	8.33
Wholesale	10.07	10.05	9.95	10.05	10.04
Retail	7.93	8.00	8.03	8.08	7.90
Finance, insurance and real estate	...	...	...	...	...
Community, business and personal services	9.40	9.40	9.25	9.30	9.20
Public administration	...	...	...	...	...
<b>Service-producing industries</b>	<b>9.59</b>	<b>9.60</b>	<b>9.51</b>	<b>9.57</b>	<b>9.46</b>
<b>Industrial aggregate</b>	<b>11.00</b>	<b>10.98</b>	<b>10.92</b>	<b>10.97</b>	<b>10.88</b>
<b>Industrial aggregate – Provinces</b>					
Newfoundland	9.75	9.59	9.52	9.75	9.84
Prince Edward Island	7.50	7.63	7.65	7.72	7.72
Nova Scotia	9.64	9.67	9.56	9.65	9.54
New Brunswick	9.89	9.92	9.78	9.73	9.79
Quebec	10.66	10.59	10.45	10.47	10.45
Ontario	11.21	11.20	11.17	11.24	11.10
Manitoba	10.11	10.05	9.91	9.90	9.83
Saskatchewan	10.31	10.43	10.32	10.40	10.35
Alberta	10.72	10.71	10.67	10.77	10.80
British Columbia	12.34	12.39	12.44	12.48	12.24
Yukon	12.49	12.18	12.16	12.51	13.01
Northwest Territories	14.56	14.69	14.35	14.41	14.49
<b>Canada</b>	<b>11.00</b>	<b>10.98</b>	<b>10.92</b>	<b>10.97</b>	<b>10.88</b>

<sup>p</sup> Preliminary estimates.

<sup>r</sup> Revised estimates.

... Figures not appropriate or not applicable.

## Crude Oil and Natural Gas

April 1987

### Highlights

- Preliminary figures indicate that production of crude oil and equivalent hydrocarbons in April 1987 amounted to 7 417.4 thousand cubic metres, a 5.3% increase over April 1986.
- After registering year-over-year increases in the last 12 consecutive months, crude oil exports declined 4.3% from April 1986, while imports rose 59.6% for the same period. On a cumulative basis, imports of crude oil in 1987 are now 21.7% above those for same period last year.

- On a year-to-year basis, marketable production of natural gas (6 042.9 million cubic metres) increased for the second consecutive month, posting a gain of 9.1% over April 1986. This follows a period of 14 successive decreases. Sales of natural gas maintained their downward trend in April, registering a decrease of 8.8% over April 1986. Exports increased for the fourth time this year, rising 60.9%.

Available on CANSIM: matrices 127 and 128.

Order the April 1987 issue of *Crude Petroleum and Natural Gas Production* (26-006, \$8/\$80), to be released the third week of August. Contact G. O'Connor (613-991-3562), Industry Division.

## Crude Oil and Natural Gas

	Apr. 1987	% Change from Apr. 1986	Jan. - Apr. 1987	% Change from Jan. - Apr. 1986
(thousands of cubic metres)				
<b>Crude oil and equivalent</b>				
Production	7 417.4	5.3	29 958.7	3.6
Exports	2 986.5	-4.3	11 020.3	4.7
Imports	1 404.9	59.6	7 049.9	21.7
Refinery receipts	5 886.6	14.3	26 025.6	6.7
(millions of cubic metres)				
<b>Natural gas</b>				
Marketable production	6 042.9	9.1	27 738.7	2.9
Exports	1 936.8	60.9	9 553.8	24.2
Canadian sales	3 916.1	-8.8	20 082.1	-7.6

## Data Availability Announcements

### Railway Carloadings

Seven-day Period Ending July 7, 1987

#### Highlights:

- Revenue freight tonnages loaded by railways in Canada during the week totalled 4.2 million tonnes, a decrease of 1.9% from the previous year.
- Piggyback traffic increased 11.3% from the same period last year. The number of cars loaded increased 10.9% during the same period.

- The tonnage of revenue freight loaded to date this year is 2.7% more than that loaded in the previous year.

**Note:** Piggyback traffic includes trailers and containers on flat cars. The 1986 figures and the 1987 year-to-date figures have been revised. Piggyback traffic numbers are included in total carload traffic.

Contact the Surface Transport Unit (613-991-2484), Transportation Division.

	Seven-day Period Ending July 7, 1987	Year-to-date
<b>Carload Traffic</b>		
Tonnes	4 167 305	127 951 953
% change from previous year	-1.9	2.7
Cars	61,548	1,896,377
% change from previous year	-2.1	1.4
<b>Piggyback Traffic</b>		
Tonnes	212 600	6 590 863
% change from previous year	11.3	5.5
Cars	7,724	237,674
% change from previous year	10.9	5.8

## Chain Store Stocks

May 1987

### Highlights

- Retail chain store stocks totalled \$4,217 million at the end of May 1987, down 0.1% from the level reached in May 1986.
- The inventories to sales ratio stood at 1.03:1 in May 1987, down from the average ratio of 1.13:1 observed in the first four months of 1987.

Available on CANSIM: matrix 194.

Order the May 1987 issue of *Merchandising Inventories* (63-014, \$12/\$120), available the fourth week of August. Contact Roger Laplante (613-991-3549), Retail Trade Section, Industry Division.

## Government Revenue and Expenditure

First Quarter 1987

Government revenue and expenditure detail by level of government on a national accounts basis for the quarter ended March 31, 1987 is now available.

Available on CANSIM: matrices 2711-2713.

Contact Dan Finnerty (613-991-1820), Public Institutions Division.

## Production of Biscuits

Second Quarter 1987

Production of biscuits (all types) totalled 48 111 216 kilograms during the second quarter of 1987, an increase of 3.1% from the 46 648 167<sup>r</sup> (revised figure) kilograms produced during the second quarter of 1986. The year-to-date production for 1987 was 95 010 784 kilograms, up from the 85 917 950<sup>r</sup> kilograms for the same period a year earlier.

Available on CANSIM: matrix 190.

Order the second quarter 1987 issue of *Production of Selected Biscuits* (32-026, \$5/\$20), to be released the week of August 10. Contact Brian Preston (613-991-3511), Industry Division.

## **Rigid Insulating Board**

June 1987

Shipments of rigid insulating board totalled 5 005 thousand square metres (12.7 mm basis) in June 1987, an increase of 7.4% compared to 4 658 thousand square metres (12.7 mm basis) in June 1986.

For January to June 1987, year-to-date shipments amounted to 27 290 thousand square metres (12.7 mm basis) compared to 25 985 thousand square metres (12.7 mm basis) for the same period in 1986, an increase of 5.0%.

Available on CANSIM: matrices 31 and 122 (series 4-7).

Order the June 1987 issue of *Rigid Insulating Board* (36-002, \$4/\$40), to be released the week of August 10. Contact Jacques Lepage (613-991-3516), Industry Division.

## **Electric Lamps**

June 1987

Canadian light bulb and tube manufacturers sold 20,877,683 light bulbs and tubes in June 1987, an increase of 17.1% from the 17,834,001 units sold a year earlier.

Year-to-date sales for 1987 amounted to 135,738,383 light bulbs and tubes, up 12.8% from the 120,378,392 sold during the January-June period in 1986.

Order the June 1987 issue of *Electric Lamps* (43-009, \$4/\$40), available the week of August 10. Contact: J.P. Beauparlant (613-991-3526), Industry Division.

---

## Publications Released

---

**Air Carrier Operations in Canada,**  
January-March 1986.

**Catalogue number 51-002**

(Canada: \$20/\$80; Other Countries: \$21/\$84).

**Employment, Earnings and Hours,**  
April 1987. **Catalogue number 72-002**

(Canada: \$35/\$350; Other Countries:  
\$36.50/\$365).

**Science Statistics Service Bulletin,**  
Vol. 11, No. 8, **Regional Distribution**  
**of R&D in Canada, 1979 to 1985.**

**Catalogue number 88-001**

(Canada: \$6/\$60; Other Countries: \$7/\$70).

*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.*

**The  
Daily**

### **Statistics Canada's Official Release Bulletin for Statistical Information**

Catalogue 11-001E. Price: Canada \$100/year; other countries \$125/year

Published by the Communications Division (Director - Tim Davis)  
Statistics Canada, 3-O, R.H. Coats Bldg., Ottawa K1A 0T6.

Senior Editor: Greg Thomson (613-991-1103)

Editor: Deanna Jamieson (613-991-1198)

Published under the authority of the Minister of Supply and Services  
Canada. Statistics Canada should be credited when reproducing or  
quoting any part of this document.



1010496732

The Daily, July 27, 1987

## Regional Reference Centres

Statistics Canada's regional reference centres provide a full range of the bureau's products and services. Each reference centre is equipped with a library and a sales counter where users can consult or purchase our publications, microcomputer diskettes, microfiche, maps and more.

Each centre has facilities to retrieve information from Statistics Canada's computerized data retrieval systems CANSIM and Telichart. A telephone inquiry service is also available with toll free numbers for regional clients outside local calling areas. Many other valuable services – from seminars to consultations – are offered. Call or write your regional reference centre for information.

### Newfoundland and Labrador

Advisory Services  
Statistics Canada  
3<sup>rd</sup> floor  
Viking Building  
Crosbie Road  
St. John's, Newfoundland  
A1B 3P2  
Local calls: 772-4073  
Toll free service: 1-800-563-4255

### Ontario

Advisory Services  
Statistics Canada  
10<sup>th</sup> Floor  
Arthur Meighen Building  
25 St. Clair Avenue East  
Toronto, Ontario  
M4T 1M4  
Local calls: 973-6586  
Toll free service: 1-800-268-1151

### Manitoba

Advisory Services  
Statistics Canada  
6<sup>th</sup> Floor  
General Post Office Building  
266 Graham Avenue  
Winnipeg, Manitoba  
R3C 0K4  
Local calls: 983-4020  
Toll free service: 1-800-282-8006

### Maritime Provinces

Advisory Services  
Statistics Canada  
North American Life Centre  
1770 Market Street  
Halifax, Nova Scotia  
B3J 3M3  
Local calls: 426-5331  
Toll free service: 1-800-565-7192

### Nipissing Region

Advisory Services  
Statistics Canada  
Civic Administration Centre  
225 Holditch Street  
Sturgeon Falls, Ontario  
P0H 2G0  
Local calls: 753-4888  
If outside the local calling area,  
please dial the toll free number given  
for Ontario residents.

### Saskatchewan

Advisory Services  
Statistics Canada  
530 Midtown Centre  
Regina, Saskatchewan  
S4P 2B6  
Local calls: 780-5405  
Toll free service: 1-800-667-7164

### British Columbia and the Yukon

Advisory Services,  
Statistics Canada,  
3<sup>rd</sup> Floor,  
Federal Building, Sinclair Centre,  
757 West Hastings Street,  
Suite 440F  
Vancouver, B.C. V6C 3C9.  
Local calls: 666-3691  
Toll free service: South and Central  
B.C. 1-800-663-1551;  
Yukon and Northern B.C.  
Zenith 08913

### Quebec

Advisory Services  
Statistics Canada  
200 Dorchester Avenue  
Guy Favreau Complex  
Suite 412 East Tower  
Montreal, Quebec  
H2Z 1X4  
Local calls: 283-5725  
Toll free service: 1-800-361-2831

### National Capital Region

Advisory Services  
Central Inquiries  
Statistics Canada  
Lobby  
R.H. Coats Building  
Holland Avenue  
Ottawa, Ontario  
K1A 0T6  
Local calls: 990-8116  
If outside the local calling area, please  
dial the toll free number for your  
province.

### Alberta and the Northwest

**Territories**  
Advisory Services  
Statistics Canada  
2<sup>nd</sup> Floor  
Hys Centre  
11010 – 101 Street  
Edmonton, Alberta  
T5H 4C5  
Local calls: (403) 420-3027  
Toll free service: 1-800-222-6400  
N.W.T. – Call collect (403) 420-2011