



# The Daily

Statistics Canada

Tuesday, November 17, 1998  
For release at 8:30 a.m.

---

## MAJOR RELEASES

---

- **Monthly Survey of Manufacturing, September 1998**  
Total manufacturing shipments edged up 0.1% to \$37.4 billion in September. Excluding the automotive sector, shipments declined slightly (-0.2%).

2
- **Travel between Canada and other countries, September 1998**  
Same-day and overnight travel by Canadians to the United States increased in September. Overnight trips by Canadians to overseas countries also rose slightly. Meanwhile, the number of travellers taking overnight trips by plane between Canada and the United States decreased in both directions — likely the result of pilot strikes at Air Canada and Northwest Airlines.

5

---

## OTHER RELEASES

---

- Oil pipeline transport, August 1998
8
- Plastic film and bags, third quarter 1998
8
- Environment industry: Business sector, 1995
8
- Analytical papers
8

---

## PUBLICATIONS RELEASED

---

10



## MAJOR RELEASES

### Monthly Survey of Manufacturing

September 1998

Total manufacturing shipments edged up 0.1% to \$37.4 billion in September. Excluding the automotive sector, shipments declined slightly (-0.2%).

September's result follows three months of volatility that was primarily the result of the General Motors strike in the United States. Shipments decreased sharply in both June and July and then rebounded dramatically in August after the strike was resolved. Total shipments were 2.9% above the September 1997 level but remained below the level observed in December 1997. Unfilled orders and inventories both increased in September.

Looking ahead, employment in the manufacturing sector increased for the first time in four months in October and is now back to the level observed at the beginning of the year. In addition, manufacturers reported in the October Business Conditions Survey that they planned to increase production in the coming three months — especially in the transportation equipment industries.

#### Shipments edged up in September

Manufacturers' shipments increased in 11 of the 22 major groups in September, representing 54.8% of the total.

The largest contributor to the increase in shipments was the motor vehicle parts and accessories (+2.0%) industry, which now stands 4.4% above the pre-General Motors strike level in May. The next largest contributor was the wood (+2.0%) industry where, an increase in shipments from the sawmill industry more than offset a fall in softwood lumber prices. The third largest contributor was the motor vehicle industry (+0.8%).

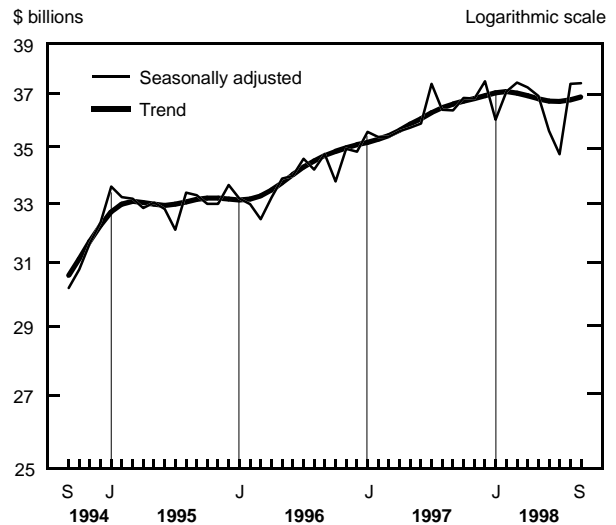
#### Note to readers

Unfilled orders are a stock of orders, which will contribute to future shipments, assuming that orders are not cancelled.

New orders represent orders received whether shipped in the current month or not. They are measured as the sum of shipments for the current month plus the change in unfilled orders. Some people interpret new orders as orders that will lead to future demand. This is inappropriate since the new orders variable includes orders that have already been shipped. Users should be aware that the month to month change in new orders may be volatile, particularly if the previous month's change in unfilled orders is large in relation to the current month's change.

Not all orders will be translated into Canadian factory shipments. This is because portions of large contracts can be subcontracted out to manufacturers in other countries.

#### Shipments edge up in September



The main offsetting decreases in shipments were in the primary metals (-3.0%), electrical and electronic products (-1.6%), and food (-1.0%) industries.

Manufacturers' shipments increased in 6 of the 12 provinces and territories in September.

British Columbia's shipments (+2.1%) increased for the fourth consecutive month and now stand 1.6% above the September 1997 level. The largest contributors to the September increase were the

paper and allied products (+5.9%) and wood (+3.2%) industries.

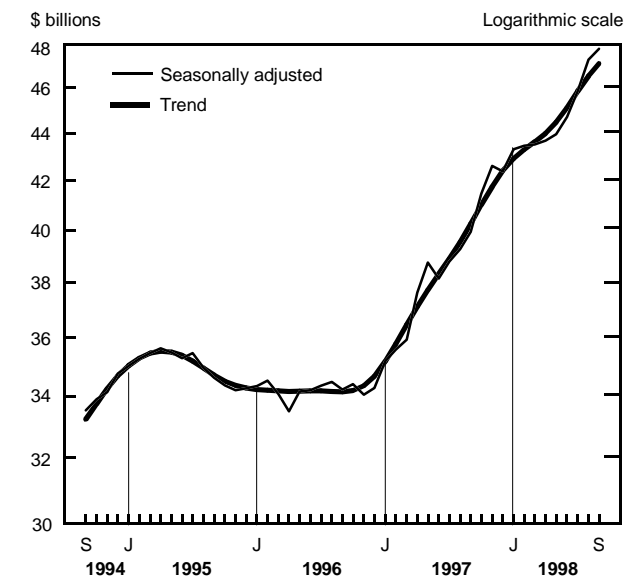
### Shipments by province

	Aug. 1998	Sept. 1998	Aug. to Sept. 1998
seasonally adjusted			
	\$ millions		% change
Newfoundland	139	129	-7.3
Prince Edward Island	80	87	9.0
Nova Scotia	564	542	-3.8
New Brunswick	662	677	2.2
Quebec	8,913	8,850	-0.7
Ontario	20,182	20,203	0.1
Manitoba	867	910	4.9
Saskatchewan	476	494	3.9
Alberta	2,702	2,654	-1.8
British Columbia	2,806	2,864	2.1
Yukon and Northwest Territories	3	3	-3.1

### Unfilled orders increase in September

Manufacturers' backlog of unfilled orders increased 1.1% to \$47.8 billion in September. Unfilled orders have increased strongly in the last four months, after slowing in the late winter and spring. Unfilled orders now stand 19.7% above the September 1997 level.

#### Unfilled orders continue to climb



The largest increases in unfilled orders in September were in the aircraft and parts (+6.0%) and motor vehicle (+3.6%) industries.

The largest offsetting decreases in unfilled orders were in the fabricated metal products (-3.4%), and electrical and electronic products (-2.3%) industries.

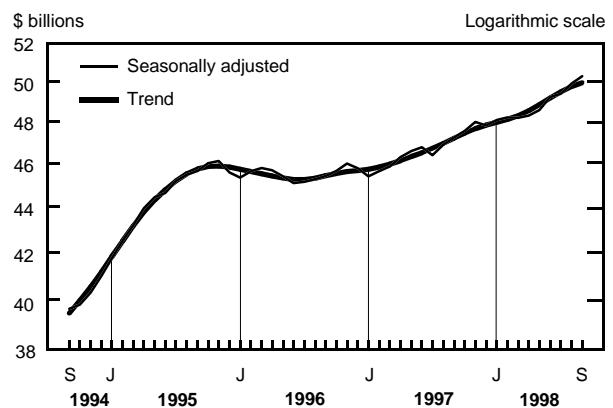
Unfilled orders are often considered a key determinant of future shipments. However, roughly half of the increase since the beginning of 1997 has been in the aircraft and parts industry, where some orders can be stretched out over a number of years before they are completed.

In addition, large orders in any industry may occasionally have a component that is manufactured in other countries.

### Inventories rise in September

Manufacturers' inventories increased 0.8% in September to \$50.3 billion. September's gain was due primarily to a build up in the finished product component (+1.9%).

#### Inventories increase in September



The major contributors to September's increase were the aircraft and parts (+3.1%) and motor vehicle (+8.0%) industries. The largest offsetting decreases were observed in the machinery (-0.9%), and printing and publishing (-2.2%) industries.

The inventory-to-shipments ratio increased to 1.34 in September, up from 1.33 in August. The inventory-to-shipments ratio increased dramatically in June and July before settling down somewhat in August. The trend of the inventory-to-shipments ratio has levelled off in the last three months at 1.35 after rising throughout the spring.

Available on CANSIM: matrices 9550-9555, 9558, 9559, 9562-9565, 9568-9579, 9581-9595.

For further information, consult the September 1998 issue of *Monthly Survey of Manufacturing* (31-001-XPB, \$20/\$196), available shortly. See *How to order publications*.

Data for shipments by province in greater detail than normally published may be available on request. For further information, or to enquire about the concepts, methods and data quality of this release, contact Craig Kuntz (613-951-7092; [kuncrai@statcan.ca](mailto:kuncrai@statcan.ca)), Monthly Survey of Manufacturing Section.

### Shipments, inventories and orders in all manufacturing industries

	Shipments		Inventories		Unfilled orders		New orders		Inventories-to-shipments ratio		
	seasonally adjusted										
	\$ millions	% change	\$ millions	% change	\$ millions	% change	\$ millions	% change			
September 1997	36,363	-0.0	47,231	0.7	39,954	1.7	37,040	0.5	1.30		
October 1997	36,836	1.3	47,565	0.7	41,466	3.8	38,348	3.5	1.29		
November 1997	36,823	-0.0	48,004	0.9	42,610	2.8	37,967	-1.0	1.30		
December 1997	37,492	1.8	47,815	-0.4	42,394	-0.5	37,276	-1.8	1.28		
January 1998	36,015	-3.9	48,079	0.6	43,315	2.2	36,936	-0.9	1.33		
February 1998	37,093	3.0	48,220	0.3	43,473	0.4	37,250	0.9	1.30		
March 1998	37,442	0.9	48,189	-0.1	43,518	0.1	37,487	0.6	1.29		
April 1998	37,254	-0.5	48,314	0.3	43,676	0.4	37,412	-0.2	1.30		
May 1998	36,912	-0.9	48,576	0.5	43,962	0.7	37,198	-0.6	1.32		
June 1998	35,587	-3.6	49,238	1.4	44,722	1.7	36,347	-2.3	1.38		
July 1998	34,732	-2.4	49,398	0.3	45,845	2.5	35,855	-1.4	1.42		
August 1998	37,393	7.7	49,912	1.0	47,301	3.2	38,849	8.4	1.33		
September 1998	37,413	0.1	50,301	0.8	47,807	1.1	37,919	-2.4	1.34		

### Manufacturing industries except motor vehicle, parts and accessories

	Shipments		Inventories		Unfilled orders		New orders	
	seasonally adjusted							
	\$ millions	% change	\$ millions	% change	\$ millions	% change	\$ millions	% change
September 1997	29,660	0.4	44,662	0.5	35,052	1.6	30,218	0.6
October 1997	29,892	0.8	44,984	0.7	36,420	3.9	31,260	3.4
November 1997	29,787	-0.4	45,298	0.7	37,384	2.6	30,750	-1.6
December 1997	30,154	1.2	45,141	-0.3	36,881	-1.3	29,651	-3.6
January 1998	29,254	-3.0	45,266	0.3	37,568	1.9	29,942	1.0
February 1998	29,883	2.2	45,402	0.3	37,557	-0.0	29,872	-0.2
March 1998	30,131	0.8	45,435	0.1	37,539	-0.0	30,113	0.8
April 1998	30,063	-0.2	45,466	0.1	37,770	0.6	30,294	0.6
May 1998	29,736	-1.1	45,806	0.7	37,935	0.4	29,902	-1.3
June 1998	29,889	0.5	46,290	1.1	38,590	1.7	30,543	2.1
July 1998	29,776	-0.4	46,547	0.6	39,478	2.3	30,664	0.4
August 1998	30,314	1.8	46,860	0.7	40,793	3.3	31,630	3.1
September 1998	30,248	-0.2	47,114	0.5	41,086	0.7	30,541	-3.4

## Travel between Canada and other countries

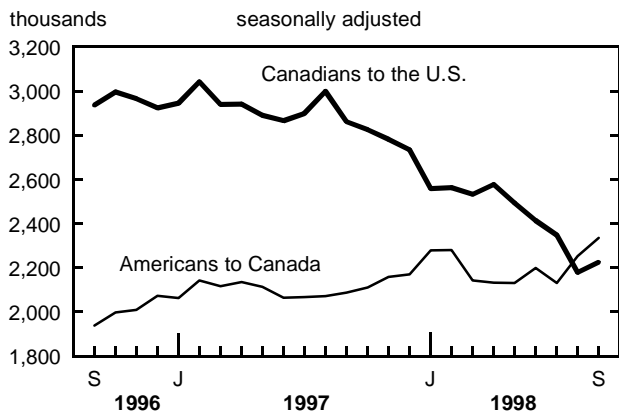
September 1998

Same-day and overnight travel by Canadians to the United States increased in September. Overnight trips (lasting one or more nights) by Canadians to overseas countries also rose slightly. Meanwhile, the number of travellers taking overnight trips by plane between Canada and the United States decreased in both directions — likely the result of pilot strikes at Air Canada and Northwest Airlines.

### More same-day car trips between Canada and the United States

Canadians made 2.2 million same-day car trips to the United States in September, up 2.1% from August. To put this increase into context, however, it should be noted that the August figure was the lowest number of same-day car excursions by Canadians to the United States since November 1986. Meanwhile, same-day car trips by Americans to Canada continued to rise (+3.7% to 2.3 million) in September.

Same day automobile excursions



#### Note to readers

Unless otherwise specified, data in this release are seasonally adjusted, (that is, adjusted for variations that repeat annually and for variability caused by the different volumes of travellers associated with different days of the week).

Month-to-month comparisons use seasonally adjusted data. Year-over-year comparisons use unadjusted data (the actual traffic counts).

An excursion is a same-day trip.

### Car excursions between Canada and the United States

	Americans to Canada		Canadians to the United States	
	Sept. 1998 <sup>P</sup>	Sept. 1997 to Sept. 1998.	Sept. 1998 <sup>P</sup>	Sept. 1997 to Sept. 1998
	unadjusted			
	'000	% change	'000	% change
<b>Canada</b>	<b>2,384</b>	<b>14.1</b>	<b>2,197</b>	<b>-22.7</b>
<b>Place of entry-re-entry</b>				
New Brunswick	144	10.9	340	-21.2
Quebec	119	13.9	201	-21.8
Ontario	1,822	12.9	1,077	-18.2
Manitoba	28	24.2	48	-12.2
Saskatchewan	8	31.6	12	-27.4
Alberta	13	7.7	13	-9.4
British Columbia	246	24.8	503	-32.8
Yukon	3	5.2	3	-3.7

<sup>P</sup> Preliminary figures.

On a year-over-year basis, Canadian travel to the United States fell sharply to 2.2 million same-day car trips in September, down 22.7% from September 1997 (unadjusted data). American visitors made 2.4 million car excursions to Canada in September, up 14.1% compared with September 1997. The tourism industry continues to credit the boom in American tourism to the strength of the U.S. economy, the attraction of Canada as a tourist destination and the relative value of the Canadian dollar.

### More overnight trips made by Canadians to the United States and overseas

In September, Canadians made 1,051,000 trips to the United States lasting one or more nights, up 4.6% from August. Canadians also travelled more to overseas destinations in September, up 1.4% to 351,000 overnight trips.

### American and overseas visitors make fewer overnight trips to Canada

Americans made 1.3 million overnight visits to Canada, down 1.7% from August. Meanwhile, residents of countries other than the United States made 315,000 trips to Canada lasting one night or more in September, down 0.6% from August.

### Drop in overnight air travel between Canada and the United States

In September, the number of travellers taking overnight (one or more nights) trips by plane between Canada and the United States decreased in both directions. There was a strong drop (-9.1% to 288,000) in the number of American visitors compared with August. Meanwhile, the number of Canadians travelling to the United States dropped slightly (-0.8% to 362,000). It would appear that separate strikes at Air Canada and the Minnesota-based Northwest Airlines affected air traffic volumes somewhat during September.

### Number of trips of one or more nights to Canada by residents of selected overseas countries

	Sept. 1998 <sup>P</sup>	Sept. 1997 to Sept. 1998
	unadjusted	
	'000	% change
<b>Europe</b>	<b>285</b>	<b>-8.3</b>
France	59	-16.9
Germany	60	-6.6
United Kingdom	89	-4.7
Other European countries	77	-6.3
<b>Asia</b>	<b>124</b>	<b>-18.9</b>
Hong Kong	12	-7.1
Japan	64	-14.7
South Korea	6	-57.6
Taiwan	13	-19.9
Other Asian countries	29	-16.1
<b>Other regions</b>	<b>62</b>	<b>-5.5</b>
Australia	16	-12.0
Mexico	11	18.1
Other countries	36	-8.1

<sup>P</sup> Preliminary figures.

On a year-over-year basis, the number of overnight trips to Canada by overseas visitors was down 11.0% compared with September 1997 (unadjusted data). The sharpest decline was measured from Asia (-18.9%), and in particular South Korea (-57.6%). There were also fewer visitors from European countries making trips of one or more nights to Canada in September, down 8.3% from September 1997. Contrary to the trend marked by the majority of overseas countries, the number of visitors from Mexico making overnight trips to Canada increased 18.1%.

**Available on CANSIM: matrices 2661-2697, 5780-6048 and 8200-8329.**

The September 1998 issue of *International travel, advance information* (66-001-PPB, \$8/\$73) will be available shortly. See *How to order publications*.

For further information, or to enquire about the concepts, methods and data quality of this release, contact Mark Irving (613-961-1674; fax: 613-951-2909; mark.Irving@statcan.ca), or André Cyr (613-951-0277; fax: 613-951-2909; andre.cyr@statcan.ca), International Travel Section, Culture, Tourism and the Centre for Education Statistics. □

**Travel between Canada and other countries**

	July 1998 <sup>r</sup>	Aug. 1998 <sup>r</sup>	Sept. 1998 <sup>p</sup>	Aug. 1998 to Sept. 1998 <sup>p</sup>
seasonally adjusted				
	'000			% change
<b>Canadian trips abroad</b>				
Same-day car trips to the United States	2,349	2,179	2,225	2.1
Total trips, one or more nights	1,426	1,351	1,402	3.8
United States <sup>1</sup>	1,077	1,005	1,051	4.6
Car	599	551	591	7.3
Plane	378	365	362	-0.8
Other modes of transportation	100	89	98	10.2
Other countries <sup>2</sup>	349	346	351	1.4
<b>Travel to Canada</b>				
Same-day car trips from the United States	2,131	2,253	2,336	3.7
Total trips, one or more nights	1,539	1,632	1,608	-1.5
United States <sup>1</sup>	1,220	1,315	1,293	-1.7
Car	756	836	842	0.7
Plane	320	317	288	-9.1
Other modes of transportation	144	162	163	0.5
Other countries <sup>2</sup>	319	317	315	-0.6
	Sept. 1998 <sup>p</sup>	Sept. 1997 to Sept. 1998 <sup>p</sup>	Jan.-Sept. 1998 <sup>p</sup>	Jan.-Sept. 1997 to Jan.-Sept. 1998 <sup>p</sup>
unadjusted				
	'000		% change	
	'000		% change	
<b>Canadian trips abroad</b>				
Same-day car trips to the United States	2,197	-22.7	22,153	-17.4
Total trips, one or more nights	1,335	-11.2	14,099	-8.2
United States <sup>1</sup>	1,032	-15.3	10,742	-11.7
Car	621	-19.9	6,281	-17.2
Plane	277	-7.7	3,438	-1.9
Other modes of transportation	133	-6.0	1,024	-4.8
Other countries <sup>2</sup>	303	5.9	3,356	5.4
<b>Travel to Canada</b>				
Same-day car trips from the United States	2,384	14.1	20,737	5.6
Total trips, one or more nights	2,018	14.8	15,539	5.8
United States <sup>1</sup>	1,547	25.9	12,250	10.2
Car	970	39.6	7,806	11.2
Plane	334	3.1	2,851	12.5
Other modes of transportation	243	15.9	1,593	2.1
Other countries <sup>2</sup>	471	-11.0	3,290	-7.9

<sup>r</sup> Revised figures.

<sup>p</sup> Preliminary figures.

<sup>1</sup> Estimates for the United States include counts of cars and buses, and estimated numbers for planes, trains, boats and other methods.

<sup>2</sup> Figures for other countries exclude same-day entries by land only, via the United States.



---

## OTHER RELEASES

---

### Oil pipeline transport

August 1998

Net receipts of crude oil and equivalent hydrocarbons totalled 13 037 366 cubic metres in August, down 3.0% from August 1997. Year-to-date receipts to the end of August (103 381 488 cubic metres) rose 4.3% over the same period in 1997. Net receipts of liquefied petroleum gases and refined petroleum products in August (6 704 758 cubic metres) increased 0.6% from August 1997. Year-to-date receipts increased 2.1% to 51 442 819 cubic metres.

Pipeline exports of crude oil (5 764 864 cubic metres) decreased 8.1% from August 1997, and pipeline imports (1 736 190 cubic metres) increased 11.0%. Year-to-date exports (48 925 041 cubic metres) were up 9.0% from 1997. Year-to-date imports (12 264 522 cubic metres) increased 9.7%. Canadian crude oil has found a ready market in the United States, where indigenous production has been declining in recent years.

August deliveries of crude oil by pipeline to Canadian refineries totalled 6 005 468 cubic metres, a decrease of 1.5% from 1997. August deliveries of liquefied petroleum gases and refined petroleum products increased 32.3% to 615 039 cubic metres. Year-to-date deliveries of crude oil to refineries at the end of August 1998 totalled 44 900 868 cubic metres, up 0.1% from the same period in 1997.

**Available on CANSIM: matrices 181 and 591-595.**

The August 1998 issue of *Oil pipeline transport* (55-001-XPB,\$12/\$114) will be available the third week of November. See *How to order publications*.

For further information, or to enquire about the concepts, methods and data quality of this release, contact Eleonore Harding (613-951-5708; [hardele@statcan.ca](mailto:hardele@statcan.ca)), Energy Section, Manufacturing, Construction and Energy Division. ■

### Plastic film and bags

Third quarter 1998

Data for the third quarter of 1998 on shipments of plastic film and bags are now available.

The publication *Shipments of plastic film and bags manufactured from resin* (47-007-XPB, \$10/\$33) will be available shortly. See *How to order publications*.

For further information on this release, contact Randall Sheldrick (613-951-7199; [shelran@statcan.ca](mailto:shelran@statcan.ca)) Manufacturing, Construction and Energy Division. ■

### Environment industry: Business sector

1995

In 1995, businesses belonging to the environment industry in Canada had revenues of environmental goods and services of \$10.2 billion. These revenues accounted for 53% of their total revenues of \$19.4 billion. Businesses generated \$4.2 billion of sales from environmental goods, \$3.9 billion from environmental services and \$2.1 billion from environment-related construction services.

Provincially, Ontario led the way with environmental revenues of \$4.3 billion and Quebec followed with \$2.7 billion.

Small firms (under 100 employees) accounted for 67% of these revenues while medium-sized firms (100 to 499 employees) and large firms (500 and more employees) earned 23% and 10% of the environmental revenues, respectively.

The \$17 billion recently reported in newspapers in relation with the environment industry referred to total supply of environmental goods and services. The latter includes not only environmental goods and services produced by commercial businesses but also those produced by governments and those imported from abroad.

*Environment industry: Business sector, 1995* (16F0008XIE, free) is now available on the Internet ([www.statcan.ca](http://www.statcan.ca)).

For further information, or to enquire about the concepts, methods and data quality of this release, contact the information officer (613-951-0297; [environ@statcan.ca](mailto:environ@statcan.ca)), Environment Statistics Program. ■

### Analytical papers

Statistics Canada today announced the release of two research papers. "Computers, fax machines and wages in Canada: What really matters?" (Research paper no. 126), and "The intergenerational earnings and income mobility of Canadian men: evidence from longitudinal income tax data" (Research paper no. 113).



Statistics Canada produces research papers on a variety of topics such as labour, business firm dynamics, mortality, immigration, statistical computing and simulation among others. These papers are based on research conducted by Agency staff,

visiting fellows and academic associates. The series can be downloaded from the Internet free of charge ([www.statcan.ca](http://www.statcan.ca)). The series is also available on paper for \$5 by contacting Valerie Thibault (613-951-1804; [thibaul@statcan.ca](mailto:thibaul@statcan.ca)), Analytical Studies Branch. ■

## PUBLICATIONS RELEASED

Environment industry: Business sector, 1995

Catalogue number 16F0008XIE

(Canada: \$Free; outside Canada: US\$Free).

All prices exclude sales tax.

Catalogue numbers with an -XIB or an -XIE extension are Internet versions; those with -XMB or -XME are microfiche; and -XPB or -XPE denote a paper version.

### How to order publications

Simplify your data search with the *Statistics Canada Catalogue* (11-204-XPE, \$16; outside Canada: US\$16).

Its keyword index will guide you to statistics on Canada's social and economic activity.

#### Order publications by phone:

Please refer to the • Title • Catalogue number • Volume number • Issue number • Your VISA or MasterCard number.

In Canada and the United States call:

**1-800-267-6677**

From other countries call:

**1-613-951-7277**

To fax your order:

**1-800-889-9734**

Address changes or account inquiries:

**1-800-700-1033**

Internet:

**order@statcan.ca**

**To order a publication by mail write:** Statistics Canada, Circulation Management, Operations and Integration Division, Ottawa, K1A 0T6.

Include a cheque or money order payable to **Receiver General of Canada/Publications**. Canadian customers add 7% GST and applicable PST.

**Authorized agents and bookstores also carry Statistics Canada's catalogued publications.**

Catalogue 11-001E (F) English 11001E155040337-0-05

**The Daily**  
Statistics Canada

Thursday, June 5, 1997  
For release at 9:30 a.m.

**MAJOR RELEASES**

- **Urban transit, 1995** 2  
Despite the emphasis on taking urban transit, Canadians are using it less and less. In 1995, each Canadian took an average of about 5.1 trips on some form of urban transit, the lowest level in the past 25 years.
- **Productivity, hourly compensation and unit labour cost, 1995** 4  
Growth in productivity among Canadian businesses was modest weak again in 1996 accompanied by sluggish gains in employment and slow economic growth during the year.

**OTHER RELEASES**

- **Help-wanted index, May 1997** 3
- **Short-term Expectations Survey** 9
- **Steel primary forms, week ending May 31, 1997** 12
- **Egg production, April 1997** 13

**PUBLICATIONS RELEASED** 11

Statistics Canada / Statistique Canada

### Statistics Canada's official release bulletin

Catalogue 11-001E.

Published each working day by the Communications Division, Statistics Canada, 10-H, R.H. Coats Bldg., Tunney's Pasture, Ottawa, Ontario K1A 0T6.

To access *The Daily* on the Internet, visit our site at <http://www.statcan.ca>. To receive *The Daily* each morning by E-mail, send an E-mail message to [listproc@statcan.ca](mailto:listproc@statcan.ca). Leave the subject line blank. In the body of the message, type "subscribe daily firstname lastname".

Editor: Duncan Currie (613-951-1103, [currdun@statcan.ca](mailto:currdun@statcan.ca))

Head of Official Release: Chantal Prévost (613-951-1088, [prevcha@statcan.ca](mailto:prevcha@statcan.ca))

Published by authority of the Minister responsible for Statistics Canada. © Minister of Industry, 1998. Citation in newsprint, magazine, radio, and television reporting is permitted subject to the requirement that Statistics Canada is acknowledged as the source. Any other reproduction is permitted subject to the requirement that Statistics Canada is acknowledged as the source on all copies as follows: Statistics Canada, *The Daily*, catalogue 11-001E, along with date and page references.