

# Preliminary Statement of Canadian International Trade 

## October 1990

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# Preliminary Statement of Canadian <br> International Trade 

## October 1990

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Notice to Readers
Unification of Germany
Commencing with the October 1990 publications, trade with the Democratic Republic of Germany (East Germany) and the Federal Republic of Germany (West Germany) will be published together under the description Germany. Such trade will be attributed to the geographical region of Western Europe and the Principal Trading Area of EEC" 86 (European Economic Community).

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until the end of 1990. Data published for East Germany will include all trade atributed to that country prior to the
unification, as well as any late arrivals/entries received at Statistics Canada after the unification date.

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Note on Reconciliation of Canada/United States Data
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Discrepancies in Bilateral Merchandise Trade Statistics Published by Canada and Japan (A. MacDonald)

January 1990
Canada's Foreign Trade in Automotive Products
(January-December 1989)
November 1989
Note on the Revisions to the Balance

October 1989
Canada's Foreign Trade in Automotive Products
(January-September 1989)

August 1989
Canada's Foreign Trade in Automotive Products (January-June 1989)

June 1989
Canada's Foreign Trade in Automotive Products
(January-March 1989)
June 1989
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January 1989
Methodology Notes









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## Hiamicturs

Total exports increased by $\$ 650.4$ million, to reach $\$ 12.7$ bilion, the highest level registered within the last ten years:

A \$984, f milion rise in mparts brought the Cetober level to \$11.9 bilion, which was higher than any previous monthly total
4. Increased worid market prices for cruic petroleumas a resulit of hie Persian Cuitcrisis contributed substantilly to the increase in imports, but increases were observed in ofhersectorsas well notabiy machinerfy nite equipmentindastrial goods and materiais and altomotive products.

* Canada coninued to experience a trade surphus in October, alihough deficits wer: regiktered with all mafor trading partuers hit tie United States.

4. Prolonged strike activity ia the steel industry began to affect the behaviour of both experts and imports of iron and steal products:

## Merthly Summary

Exports increased in October by $\$ 569.4$ million over September levels, to reach $\$ 12.7$ billion, the highest level registered within the last ten years. Imports rose by even more ( $+\$ 984.7$ million), following two consecutive months of decline. The October increase brought import levels to $\$ 11.9$ billion, higher than any previous monthly import total. The very large increase in imports compared to exports generated a decline in the trade surplus in October to $\$ 802.6$ million, down by $\$ 415.3$ million from the revised September level. This follows surpluses of $\$ 1.2$ billion observed in both August and September.

Exports of automotive products advanced considerably in October, following declines in August and September. The greatest increase was observed in the passenger car series, which grew by $\$ 267.4$ million. Small declines in truck and part exports attenuated the overall increase in exports of this sector.

Increased exports were also observed in the machinery and equipment sector, chiefly as a result of a $\$ 100.8$ million increase in exports of aircraft. Most components of the industrial goods and materials group also showed higher exports in October, led by chemicals and plastics ( $\$ 75.8$ million higher than the September level).

Forestry products also showed increased exports in October, following several months of decline, but in spite of the improved performance of the sector in October, the level of exports is still not as high as observed earlier in the year and for all of last year.


Exports of agricultural and fishing products fell, chiefly because of a $\$ 100$ million drop in the export of wheat, bringing the value of October wheat exports to only half the level reported in September.

Total imports also increased in October, by $\$ 984.7$ million. The increase in imports was accounted for by several sectors. Energy products registered the highest increase ( $\$ 323.5$ million), due mostly to an increase in crude petroleum imports of $\$ 219$ million. This increase was a direct result of higher prices emanating from the Gulf crisis and of larger volumes. This effect was also seen in higher imports of petroleum and coal products because of higher prices and quantities.

A large increase was observed in the machinery and equipment sector ( $\$ 283.5$ million), but year-to-date imports were less than those achieved in 1989. Imports of industrial goods and materials also rose substantially, attributable in part to the lower domestic supply, due to strike activity, of steel bars and other iron and steel products. October imports of steel bars, at $\$ 179.4$ million, were at their highest level ever.

The only area with which Canada had a surplus in October was the United States ( $\$ 1.7$ billion), though the balance was lower by $\$ 180.2$ million than the September level. Canada's trade deficit with its other major trading partners excluding Japan increased in October. For Japan, the deficit declined by $\$ 89.9$ million.


Table1
Merchandise Trade of Canada
October 1990

|  | Customs Basis |  | Balance of Payments Basis |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exports | Imports | Raw Values |  | Seasonally Adjusted |  |  |  |  |  |
|  |  |  |  |  |  |  |  | Peri | -to-perio | change |
|  |  |  | Exports | Imports | Exports | Imports | Balance | Exports | Imports | Balance |
|  | \$ millions |  |  |  |  |  |  | \% | \% | \$ millions |
| 1984 | 112,384 | 95,460 | 111,330 | 91,493 | 111,330 | 91,492 | 19,838 | 22.9 | 25.2 | 2,381 |
| 1985 | 119,474 | 104,355 | 119,061 | 102,669 | 119,061 | 102,669 | 16,392 | 6.9 | 12.2 | -3,446 |
| 1986 | 120,670 | 112,511 | 120,318 | 110,374 | 120,317 | 110,374 | 9.943 | 1.1 | 7.5 | -6,449 |
| 1987 | 125,087 | 116,239 | 126,226 | 115,119 | 126,225 | 115,119 | 11,106 | 4.9 | 4.3 | 1,163 |
| 1988 | 137,550 | 131,172 | 138,435 | 128,321 | 138,434 | 128,321 | 10,113 | 9.7 | 11.5 | -993 |
| 1989 | 138,340 | 135,033 | 141,462 | 134,528 | 141,461 | 134,528 | 6,934 | 2.2 | 4.8 | -3,180 |
| 1988 |  |  |  |  |  |  |  |  |  |  |
| First quarter | 33,966 | 35,191 | 33,731 | 32,903 | 33,647 | 32,001 | 1.646 | 2.1 | 2.7 | -172 |
| Second quarter | 36,217 | 33,574 | 36,444 | 33.165 | 35,250 | 31,799 | 3,452 | 4.8 | -0.6 | 1,806 |
| Third quater | 32,137 | 30,432 | 32,679 | 30,215 | 34,593 | 31,932 | 2,661 | -1.9 | 0.4 | -791 |
| Fourth quarter 1989 | 35,231 | 31,975 | 35,580 | 32,097 | 34,944 | 32,589 | 2,355 | 1.0 | 2.1 | -305 |
| First quarter | 34,656 | 33,747 | 35,798 | 33,540 | 36,214 | 33,357 | 2,857 | 3.6 | 2.4 | 502 |
| Second quarter | 36,281 | 36,426 | 36,978 | 36,079 | 35,262 | 34,138 | 1,124 | -2.6 | 2.3 | -1,733 |
| Third quarter | 32,228 | 31,425 | 32,791 | 31,605 | 35,080 | 33,268 | 1,813 | -0.5 | -2.5 | 688 |
| Fourth quarter | 35,174 | 33,435 | 35,895 | 33,304 | 34,905 | 33,765 | 1,139 | -0.5 | 1.5 | -673 |
| 1990 |  |  |  |  |  |  |  |  |  |  |
| First quarter | 36,121 | 35,156 | 35,492 | 34,921 | 35,720 | 34,083 | 1,637 | 2.3 | 0.9 | 498 |
| Second quarter | 39,258 | 35,820 | 38,731 | 35,544 | 36,964 | 34,111 | 2,854 | 3.5 | 0.1 | 1,217 |
| Third quarter | 34,647 | 31,265 | 34,398 | 31,484 | 36,794 | 33,436 | 3,358 | -0.5 | -2.0 | 504 |
| 1989 |  |  |  |  |  |  |  |  |  |  |
| January | 11,362 | 10,584 | 11,873 | 10,578 | 12,543 | 11,107 | 1,436 | 6.8 | 1.8 | 600 |
| February | 11,248 | 11,009 | 11,655 | 10,904 | 12,077 | 11,049 | 1,028 | -3.7 | -0.5 | -408 |
| March | 12,045 | 12,153 | 12,270 | 12,058 | 11,594 | 11,201 | 393 | -4.0 | 1.4 | -635 |
| April | 11,700 | 11,900 | 11,774 | 11,804 | 11,590 | 11,357 | 233 | 0.0 | 1.4 | -160 |
| May | 12,539 | 12,618 | 13,142 | 12,476 | 12,213 | 11,749 | 464 | 5.4 | 3.4 | 231 |
| June | 12,042 | 11,909 | 12,061 | 11,800 | 11,459 | 11,032 | 427 | -6.2 | -6.1 | -37 |
| July | 9,850 | 9,503 | 10,014 | 9,640 | 11,685 | 10,685 | 1,000 | 2.0 | -3.1 | 573 |
| August | 10,811 | 11,071 | 11,146 | 11.033 | 11,630 | 11,368 | 263 | -0.5 | 6.4 | -738 |
| September | 11,568 | 10,851 | 11,630 | 10,931 | 11,765 | 11,215 | 550 | 1.2 | -1.3 | 287 |
| October | 11,919 | 12,215 | 12,223 | 11,970 | 11,611 | 11,578 | 33 | -1.3 | 3.2 | -516 |
| November | 12,345 | 11,414 | 12,501 | 11,393 | 11,638 | 11,061 | 577 | 0.2 | -4.5 | 543 |
| December | 10,910 | 9,805 | 11,171 | 9.941 | 11,656 | 11,126 | 529 | 0.2 | 0.6 | -48 |
| 1990 |  |  |  |  |  |  |  |  |  |  |
| Jamuary | 11.431 | 10,819 | 11,181 | 10,675 | 11,648 | 11,183 | 465 | -0.1 | 0.5 | -64 |
| February | 11,476 | 11,382 | 11,335 | 11.422 | 11.794 | 11,529 | 265 | 1.3 | 3.1 | -200 |
| March | 13,213 | 12,955 | 12,976 | 12,824 | 12,277 | 11,371 | 906 | 4.1 | -1.4 | 641 |
| April | 12,636 | 11,593 | 12,408 | 11,552 | 12,278 | 11,605 | 673 | 0.0 | 2.1 | -233 |
| May | 13,430 | 12,372 | 13,246 | 12,393 | 12,204 | 11,495 | 709 | -0.6 | -0.9 | 36 |
| June | 13,192 | 11,855 | 13,077 | 11,600 | 12,483 | 11,011 | 1,472 | 2.3 | -4.2 | 763 |
| July | 11.068 | 10,065 | 10,984 | 10,070 | 12,246 | 11,349 | 897 | -1.9 | 3.1 | -574 |
| August | 11,722 | 10,911 | 11,505 | 11,045 | 12,461 | 11,218 | 1,243 | 1.8 | -1.2 | 346 |
| Seprember | 11,857 | 10,289 | 11,909 | 10,369 | 12,087 | 10,869 | 1,218 | -3.0 | -3.1 | -25 |
| October | 13,848 | 12,220 | 13,448 | 12,164 | 12,656 | 11,854 | 803 | 4.7 | 9.1 | -415 |
| Year-to-date |  |  |  |  |  |  |  |  |  |  |
| 1989 | 115,084 | 113,814 | 117,790 | 113,194 | 118,168 | 112,340 | 5,828 | 2.7 | 5.6 | -2,854 |
| 1990 | 123,874 | 114,460 | 122,070 | 114,113 | 122,134 | 113,483 | 8,651 | 3.4 | 1.0 | 2,824 |

[^0]
## Simotherm Trend

## Exports

The export trend for September increased marginally ( $0.2 \%$ ). Based on revised data, this represents the eleventh consecutive time there is a month-to-month increase, and this time it was slightly higher than the revised rate of increase in the trends for July and August of $0.1 \%$.

- The largest contributor to the increase in the export trend was crude petroleum, which rose by $12.4 \%$, but this was less than the increases registered in July and August of $13.1 \%$ and $13.7 \%$ respectively. Within the energy products sector, other energy products rose by $7.9 \%$, primarily because of an $11.4 \%$ increase in the export trend for electricity. The trend for natural gas slipped by $0.4 \%$, the first decrease since January 1990.
- Increases in the export trend were also noted for industrial goods and materials ( $+1.3 \%$ ), fuelled by a $3.8 \%$ increase in the trend for metal ores, which has been increasing since February 1990, following eight months of declining trends.
- The export trend for precious metals was up 7.3\% in September, but drops in other trends resulted in only a $1.3 \%$ increase in the metals and alloys series. The trend for steel bars declined by $9.6 \%$, following decreases in July and August of 3.2\% and 6.9\% respectively.
- Other commodity groups registered decreases in the export trend. Particularly noteworthy was the export trend for wheat, which had been falling since April and decreased by a further $16.9 \%$ in September. Machinery and equipmentexportscontinued their decline begun in June. While aircraft and other transportation equipment remained stable for August and September, the export trend for industrial and agricultural machinery decreased by $1.2 \%$ (the same monthly rate of decline since June), and that for other machinery and equipment dropped by $2.2 \%$, accelerating the rate of decline begun in June.
- The trend for forestry products has been falling since December 1989 but at a lower rate of de-
crease since May. Trends for both lumber products and newsprint continued to fall in September. Woodpulp exports, on the other hand, registered a $0.8 \%$ increase, which followed a $0.1 \%$ increase in August, after declines in the trend beginning in November 1989.

- The trend for exports of automotive products declined marginally ( $-0.3 \%$ ), due to decreases in car and parts exports which were not offset by the small increase in the trend for trucks.
- The trend was up in September for exports to "Other O.E.C.D. countries" (3.9\%), "Other E.E.C. countries" ( $2.0 \%$ ), the United States ( $0.6 \%$ ) and the United Kingdom (0.9\%). The decrease in the trend for exports to Japan ( $-1.4 \%$ ) was the sixth consecutive monthly decrease, though it was not as large a drop as observed from May through August. Exports to non-O.E.C.D. countries were down $6.0 \%$, almost identical to the August decrease of 6.2\%. This trend has been declining since May.


## Imports

The import trend increased by $0.3 \%$ in September, following decreases in June and July and no change in August.

- The trend for imports of energy products rose by $12.9 \%$, primarily accounted for by a $17.7 \%$ increase in the trend for crude petroleum. Most of this increase was price-induced, as import volumes did not change significantly in September.

- The trend also rose for industrial goods and materials ( $+1.4 \%$ ), Other consumer goods ( $+0.4 \%$ ) and agricultural and fishing products ( $+0.2 \%$ ).
- Declines in the import trend for September were observed in the forestry products sector ( $-3.8 \%$ ), machinery and equipment ( $-1.1 \%$ ) and automotive products ( $-2.1 \%$ ).
- The trend for car imports fell $3.5 \%$, continuing the decline begun in May, and accelerating from the $-0.5 \%$ registered in that month. In addition, truck imports have been declining since May, while parts decreased $0.9 \%$, the same drop noted in August.
- In the machinery and equipment sector, the import trend for aircraft and other transportation equipment fell by $2.6 \%$. While this was a decline, the decrease was smaller than that registered in previous months. Industrial and agricultural machinery imports have been dropping since July 1989, but the decline seen in September ( $-1.6 \%$ ) was much less than the $2.4 \%$ decreases posted in both June and July.
- The trend for imports from the United States, "Other E.E.C. countries" and Japan continued to decline in September, but at lower rates than those observed in previous months. Increases in the trend were noted for the United Kingdom ( $+8.1 \%$ ), "Other O.E.C.D. countries" ( $+4.3 \%$ ) and nonO.E.C.D. countries (+1.5\%).
 Thatimg Fanthar


## Commodities

Total exports rose by $\$ 569.4$ million in October to reach $\$ 12.7$ billion, the highest monthly level of exports ever observed. Year-to-date exports were $3.4 \%$ higher than for the same period in 1989.

The greatest increase in exports occurred in the automotive products sector. Exports of passenger cars rose by $\$ 267.4$ million to reach $\$ 1.5$ billion. At $\$ 3.0$ billion, exports of this sector represented $24 \%$ of total exports in October.


Exports of machinery and equipment rose in October, with gains being registered by aircraft and other transportation equipment ( $+\$ 135.7$ million) and industrial and agricultural machinery ( $+\$ 48.9$ million).

Industrial goods and materials also showed a substantial increase in exports in October ( $\$ 173.8$ million), with all major series reporting increases.

Following declines in July, August and September, exports of forestry products increased by $\$ 46.5$ million, but growth remained sluggish as levels were still not as high as experienced earlier this year and for all of 1989.

There were offsetting decreases in the export of certain commodities. Exports of energy products fell by $\$ 126.6$ million. Contributing to the decline in this sector was a large drop in the export of other energy products (- $\$ 95.9$ million), primarily because of reduced exports of petroleum and coal products.

Also observed in October was a decrease in exports of agricultural and fishing products. Wheat alone plummeted $\$ 100.0$ million, bringing exports to half the Sep-
tember value. This drop followed a $\$ 70.3$ million decline in September, but because of stronger sales earlier in the year, exports for the first ten months of 1990 were higher than for the same period in 1989. Increases in other agricultural products somewhat offset the decline in wheat exports. Barley exports, for instance, rose by \$25.4 million, the largest increase since March 1989. The level of barley exports in October was the highest since April 1990, but the year-to-date total ( $\$ 433.5$ million) was considerably lower than that observed in 1989 (\$537.5 million).


Exports of steel bars have been reduced as a result of strikes in September and October at major Canadian steel companies. The October decline of $\$ 13.2$ million brought the level of exports to $\$ 79.0$ million, their lowest level since June 1984. January to October 1990 exports were lower than for the same period in 1989, but strong exports in June and July prevented an even larger shortfall.

Total imports also increased in October, following two months of decline. The $\$ 984.7$ million rise brought the level of imports to $\$ 11.9$ billion, and the year-to-date total to $\$ 113.5$ billion (compared to $\$ 112.3$ billion in 1989). October imports were at their highest level ever, and the increase over September of $9.1 \%$ was the largest monthly rise observed since August 1988.

The increases in imports were spread over most sectors. The largest contributor was the energy products sector, which registered a gain of $\$ 323.5$ million, with $\$ 219.0$ million of the increase accounted for by crude petroleum alone. Imports of petroleum and coal products rose by $\$ 112.3$ million, reflecting the increasing price of crude petroleum.

Machinery and equipment imports increased by $\$ 283.5$ million in October, to reach $\$ 3.6$ billion. The largest increase was observed in the other machinery and equipment component ( $\$ 146.5$ million), followed by industrial and agricultural machinery ( $\$ 77.4$ million). In spite of high October gains, year-to-date totals for the sector were lower than those achieved in 1989.

The increase in imports of industrial goods and materials ( $\$ 124.7$ million) was the largest since April of this year. At $\$ 2.3$ billion, imports of these commodities were their highest level in 1990. Upward movements were seen in all major series, led by other industrial goods which rose by $\$ 75.4$ million. Higher imports of steel bars (up $\$ 40.1$ million from September) and other iron and steel products (\$9.4 million higher than September) were reflective of strike activity which reduced domestic supply. October imports of steel bars totalled \$179.4 million, which is the highest monthly level ever registered. On the other hand, year-to-date imports were not much higher than the levels observed in 1989.


Car imports declined by $\$ 24.5$ million, but both truck and automotive parts imports increased by $\$ 1.9$ million and $\$ 87.1$ million respectively. The decline in car imports was substantially less than that observed in September, and the increased imports of trucks and parts followed declines in both series in September.

Other consumer goods posted a rise of $\$ 84.7$ million in October, led by miscellaneous consumer goods which increased by $\$ 56.4$ million.

Marginal increases were noted in imports of agricultural and fishing products ( $\$ 22,6$ million) and forestry products ( $\$ 7.8$ million). The rise in forestry products imports followed two months of decline.

## Trading Partners

Most of the increase in exports during October resulted from a $\$ 464.3$ million rise in exports to the United States, to total \$9.8 billion. The October value of merchandise destined for U.S. markets represented a record high.

Exports to the United Kingdom remained stable, while those to "Other E.E.C. countries" increased marginally ( $\$ 12.1$ million). Exports to Japan and nonO.E.C.D. countries increased as well (\$51.4 million and $\$ 43.6$ million respectively). Exports to "Other O.E.C.D. countries" slipped by $\$ 2.3$ million.

Imports from the United States soared to $\$ 8.1$ billion in October, the highest level since April 1990. The

\$644.5 million increase contributed to higher year-todate totals as well. Imports from the United Kingdom also increased significantly ( $\$ 137.1$ million), bringing the October value to $\$ 524.7$ million, substantially higher than previous levels. The year-to-date figures, however, are not considerably higher than for the same period in 1989.

Increases were also observed in imports from nonO.E.C.D. countries (\$97.6 million), "Other O.E.C.D. countries" ( $\$ 81.3$ million) and "Other E.E.C. countries" ( $\$ 62.8$ million). The only country from which imports were down in October was Japan (\$-38.6 million). Year-to-date imports from Japan were marginally higher than last year's levels.


Table 2
Merchandise Trade by Principal Trading Areas
October 1990
Balance of Payments Basis
Seasonally Adjusted

|  | Sepr. | Oct | Period-to-period change |  |  |  | Year-to-date Total | Change over previous year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Sepl. | Oct | Sepr. | Oct. |  |  |  |
|  | \$ millions |  | \% | \% | \$ millions |  | \$ millions | \% | \$ millions |
| Exports to: ${ }^{\text {a }}$ ( mille |  |  |  |  |  |  |  |  |  |
| United States | 9,298 | 9,762 | -1.2 | 5.0 | -110 | 464 | 92,138 | 4.4 | 3,875 |
| United Kingdom | 283 | 283 | -18.5 | 0.1 | . 64 | 0 | 2,875 | -4.8 | -144 |
| E.B.C. 86 excl U.K. | 772 | 784 | 12.3 | 1.6 | 85 | 12 | 6,947 | 2.9 | 193 |
| Japan | 586 | 638 | -4.9 | 8.8 | -30 | 51 | 6,479 | -9.0 | -642 |
| Other O.E.C.D. 86* | 311 | 309 | -10.0 | -0.7 | -34 | -2 | 2,961 | 7.7 | 212 |
| Other countries | 837 | 881 | -20.8 | 5.2 | -220 | 44 | 10,734 | 4.6 | 473 |
| Total | 12,087 | 12,656 | -3.0 | 4.7 | -374 | 569 | 122,134 | 3.4 | 3,966 |
| Imports from: |  |  |  |  |  |  |  |  |  |
| United States | 7,410 | 8,054 | -3.3 | 8.7 | -251 | 645 | 78,166 | 0.3 | 230 |
| United Kingdom * | 388 | 525 | 19.0 | 35.4 | 62 | 137 | 3,806 | 0.3 | 13 |
| E.E.C. 86 excl U.K | 787 | 850 | -0.4 | 8.0 | -3 | 63 | 8,349 | 0.9 | 76 |
| Japan | 684 | 645 | 4.1 | -5.6 | 27 | -39 | 6,956 | 0.6 | 44 |
| Other O.E.C.D. 86* | 413 | 494 | 9.3 | 19.7 | 35 | 81 | 3,953 | 19.5 | 644 |
| Other countries * | 1,187 | 1,285 | -15.6 | 8.2 | -219 | 98 | 12,254 | 1.1 | 135 |
| Total | 10,869 | 11,854 | -3.1 | 9.1 | -349 | 985 | 113,483 | 1.0 | 1,143 |
| Balance with: |  |  |  |  |  |  |  |  |  |
| United States | 1,888 | 1,707 |  |  | 140 | -180 | 13,972 |  | 3,645 |
| United Kingdom | -105 | -242 |  |  | -126 | -137 | -931 |  | -157 |
| E.E.C. 86 excl. U.K | -15 | -66 |  |  | 88 | -51 | -1,402 |  | 116 |
| Japan ${ }^{\text {a }}$ ( ${ }^{\text {a }}$ | -97 | -8 |  |  | -57 | 90 | -477 |  | -686 |
| Other O.E.C.D. $86 *$ | -102 | -186 |  |  | -70 | -84 | -991 |  | -432 |
| Other countries | -350 | -404 |  |  | -1 | -54 | -1,519 |  | 338 |
| Total | 1,218 | 803 |  |  | -25 | -415 | 8,651 |  | 2,823 |

* Raw values

Table 2A
Statistical Algnment of Canadian Exports to the United States with United States Imports from Canada Customs Basis
October 1990

|  | \$ millions |
| :---: | :---: |
| Total Canadian exports to United States | 10,658.7 |
| Freight and other related charges incurred in bringing the merchandise to the Canadian border | -260.1 |
| Canadian re-exports of goods of foreign origin to United States | -526.2 |
| United States imports of goods of Canadian origin from other countries | 26.7 |
| Re-exports of U.S. goods returned through Canada and designated as Canadian origin by the U.S. | 318.6 |
| Monthly average exchange rate (\$US/\$Cdn) | 1.1598 |
| Total United States imports from Canada (Country of Origin and F.O.B. place of lading Basis) | US \$8,809.9 |
| Notes: <br> 1. United States trade data includes Puerto Rico and Virgin Islands. <br> 2. Totals may not add due to rounding. <br> 3. Readers interested in aligning Canadian imports from United States to United States exports to Canada shou ment of Commerce News Release (FT900) or contact International Trade Division Data Dissemination Section | the United States 1-9647. |

## REVISIONS TO INTERNATIONAL TRADE DATA

This publication contains monthly preliminary figures on Canada's merchandise trade with the rest of the world. Readers of this publication are aware that trade figures for previous months are subject to revision and are usually different from what was originally published. As well, at the time of release of April figures each year, data for the previous four years are revised to ensure consistency with the revision policy of related series published by Statistics Canada, for example those on imports and exports of goods and services in the Canadian System of National Accounts.

In order to understand the process of revising the trade data, it is necessary to know how the monthly trade figures are compiled. The first step is on a customs basis. Import figures are obtained from Canadian Customs documents. Exports to all trading partners except the United States are also obtained from Canadian Customs documents. Beginning with January 1990 data, exports to the United States are based on U.S. import documentation. After the customs data are compiled, they are modified to estimate the timing at which ownership changes, a concept that is adopted in the framework of the balance of payments. ${ }^{1}$ Other adjustments also may be entered as BOP adjustments. These adjusted figures are further transformed by applying a set of forecasted seasonal adjustment factors established at the time of publication of April data, in order to remove seasonal fluctuations which exist in some of the commodity series.

A number of factors may create the need for revisions, among them late receipt of import and export documentation, incorrect information on customs documents, replacement of estimated figures with actual values once they become available, amendments to export data to align them more closely with aggregates produced by other Statistics Canada surveys where there is evidence that the latter are correct and misclassification of merchandise.

Both the raw customs data and the balance of payments adjustments may be revised. Revisions to
either one will be seen as a revision to the data on a BOP basis and consequently to the seasonally adjusted figures. However, the effect of counteracting revisions to the customs files and to the BOP adjustment files means that users are only aware of the net revisions, which may be substantially smaller than their gross counterpart.

Customs data are reported very soon after the close of the reference month, and, as a result of customs procedures, are subject to revision as more complete and accurate information becomes available. This is because in a number of important instances, merchandise is admitted into Canada or exported from Canada on the basis of incomplete information.

Where errors are detected too late in the production process to be reflected in the current month's customs figures, interim corrections may be made through balance of payments adjustments. When the customs figures are subsequently revised, it is of course necessary to reverse the BOP adjustments.

The largest revisions to exports in 1990 (first seven months only) have been made to March and April data in the automotive products group, primarily because of inconsistent application of customs procedures with respect to the date of export. In one case, a $\$ 250$ million shipment of cars was registered in May, but subsequent information showed it had taken place in April. Correction resulted in the following revisions to the data: (1) at the time of the May Preliminary Statement of Canadian International Trade, a BOP adjustment of $+\$ 250$ million was made to the April data; (2) in June, customs figures were revised to show the shipment as April exports; (3) the April BOP adjustment was removed.

Revisions may also be required in cases where export values are estimated by multiplying volume times price (as in the case of energy products, for example, where initial figures are supplied by the NEB). When the final export price or actual volumes are different from initial estimates, data for previous months are revised.

1. For a detailed explanation of the balance of payments adjustments, the reader may refer to Methodology Notes on Balance of Payments Adjustments which is contained in the June 1989 issue of this publication.

A further source of revision to exports of energy products occurred at the time of the March 1990 Preliminary Statement of Canadian International Trade, after completion of a study comparing 1989 exports of energy products based on NEB values with U.S import figures. The results indicated that energy imports as compiled by the United States were less reliable than the data on Canadian exports. It was therefore decided to use NEB estimates of exports of energy products to the United States to replace the U.S. import figures on a balance of payments basis. To implement this procedural change, the differences between the U.S. import figures and the NEB export figures are shown as BOP adjustments. Because the decision was retroactive to January 1990, there were significant revisions to the January and February BOP adjustments for exports of these commodities.

Some revisions to both the customs and BOP adjustments figures relate to transactions in monetary gold, which is not counted as trade. In order to ensure that only non-monetary gold is included in the trade data, Statistics Canada conducts a monthly verification of gold transactions by comparing customs information with data gathered by the Bank of Canada, the Canadian Mint and companies involved in gold refining. However, the full circumstances of some transactions are only known with a lag, which results in revisions to published data.

After review of individual transactions, revisions may also occur as a result of misclassification of com-
modities. For example, at the time of the March publication, it was discovered that some January and February imports of Other communication and related equipment (part of Other machinery and equipment) should in fact have been shown as imports of Electronic computers (part of the Office machines and equipment series) and a further portion should have been allocated to the Television, radios and phonographs group (included under Miscellaneous consumer goods). Revisions to the customs data for January and February were made to correct for these errors. This type of revision has no impact on the total raw customs data, but the seasonally adjusted total might change because of different seasonal adjustment factors applied to each commodity series.

The following table and graphs illustrate the effect of revisions to the trade figures. The table presents revised monthly seasonally adjusted figures for the first seven months of 1989 and 1990, which are well within monthly fluctuations. The graphs depict the smallest and largest monthly levels for exports and imports; therefore, the black interval represents the range of monthly values. A comparison between 1989 and 1990 indicates that revisions applied in 1990 caused no greater fluctuation in the monthly totals than revisions made to the 1989 data. It is expected that the data exchange with the United States will reduce the extent to which monthly preliminary figures have to be revised.

Merchandise Trade on a Balance of Payments Basis, Seasonally Adjusted (Revised Monthly Data through Time)

Exports - 1989

| Month of Revision |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug |
| ${ }^{1} \mathrm{Jan} 11,918$ | 12,081 | 12,278 | 12,179 | 12,183 | 12,211 | 12,187 | 12,189 |
| Feb | 11,469 | 11.856 | 11,896 | 11,888 | 11,878 | 11,879 | 11,853 |
| Mar |  | 11,800 | 11,599 | 11,641 | 11,588 | 11,600 | 11,555 |
| Apr |  |  | 11,402 | 11,406 | 11,423 | 11,443 | 11,402 |
| May |  |  |  | 12,117 | 12,450 | 12,599 | 12,636 |
| Jun |  |  |  |  | 11,120 | 11,181 | 11,227 |
| Jul |  |  |  |  |  | 11,064 | 11,091 |
| Aug |  |  |  |  |  |  | 11,473 |

Imports - 1989

| Month of Revision |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug |
| ${ }^{1} \mathrm{Jan} 11,037$ | 11,141 | 11,109 | 11,084 | 11,084 | 11,089 | 11,089 | 11,087 |
| Feb | 11,044 | 11,052 | 11,038 | 11,039 | 11,042 | 11,048 | 11,022 |
| Mar |  | 11,444 | 11,182 | 11,187 | 11,193 | 11,193 | 11,160 |
| Apr |  |  | 11,273 | 11,365 | 11,375 | 11,375 | 11,326 |
| May |  |  |  | 11,723 | 11,907 | 11,907 | 11,716 |
| Jun |  |  |  |  | 10,993 | 10,959 | 11,024 |
| Jul |  |  |  |  |  | 10,035 | 10,563 |
| Aug |  |  |  |  |  |  | 11,270 |

## 1. Reference Month

Exports - 1990

|  | Month of Revislon |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug |
| ${ }^{1}$ Jan 11,626 | 11,625 | 11,586 | 11,527 | 11,538 | 11,632 | 11,615 | 11,620 |
| Feb | 11,709 | 11,645 | 11,624 | 11,658 | 11,703 | 11,717 | 11,716 |
| Mar |  | 11,863 | 12,368 | 12,354 | 12,409 | 12,411 | 12,427 |
| Apr |  |  | 11,640 | 11,858 | 12,314 | 12,355 | 12,368 |
| May |  |  |  | 12,433 | 12,133 | 12,142 | 12,192 |
| Jun |  |  |  |  | 12,772 | 12,765 | 12,885 |
| Jul |  |  |  |  |  | 12,536 | 12,577 |
| Aug |  |  |  |  |  |  | 12,049 |

## Imports - 1990

|  | Month of Revision |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug





October 1990

Table 3

## Exports by Commodity Groupings <br> October 1990

Balance of Payments Basis

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Aug. | Sept. | Oat | Year-to-date |  | Percentage change |  |  |
|  |  |  |  | Valve | $\begin{gathered} \% \\ \text { change } \end{gathered}$ | $\begin{aligned} & \overline{\text { Oct' } ' 90 /} \\ & \text { Oct' } 89 \end{aligned}$ | $\begin{gathered} \text { Oct }{ }^{\prime} 89 / \\ \text { Oct. } 88 \end{gathered}$ | $\begin{aligned} & \text { Oct. }{ }^{\prime} 88 / \\ & \text { Ocl.'87 } \end{aligned}$ |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 1.019 | 944 | 906 | 10,772 | 11.1 | -6.6 | -12.1 | 5.9 |
| Wheat | 271 | 200 | 100 | 2,888 | 42.8 | -49.9 | -34.1 | 1.1 |
| Other agricultural and fishing products | 748 | 744 | 805 | 7,885 | 2.7 | 7.8 | -1.0 | 8.5 |
| ENERGY PRODUCTS | 1,234 | 1,565 | 1,438 | 11,407 | 11.1 | 47.8 | 8.6 | -21.2 |
| Crude petroleum* | 489 | 627 | 602 | 4,174 | 12.4 | 67.1 | 31.8 | -39.6 |
| Natural gas | 268 | 282 | 276 | 2,693 | 7.2 | 4.6 | 12.6 | 4.4 |
| Other energy products | 477 | 656 | 560 | 4,540 | 12.3 | 58.8 | -9.0 | -15.6 |
| FORESTRY PRODUCTS | 1,665 | 1,638 | 1,685 | 17,415 | -6.9 | -9.3 | 6.1 | 2.4 |
| Lumber and sawmill products | 498 | 499 | 514 | 5,470 | -6.0 | -16.3 | 16.1 | -16.5 |
| Woodpulp and other wood products | 470 | 482 | 511 | 5,019 | -12.9 | -9.9 | 3.8 | 25.1 |
| Newsprint and other paper and paperboard | 697 | 657 | 660 | 6,926 | -2.8 | -2.8 | 0.5 | 5.8 |
| INDUSTRIAL GOODS AND MATERIALS | 2,633 | 2.562 | 2,736 | 25,148 | -6.8 | 4.1 | 5.6 | 2.8 |
| Metal ores | 479 | 519 | 555 | 4,602 | -2.9 | 26.8 | -4.9 | -17.3 |
| Chemicals, plastics and fertilizers | 625 | 550 | 626 | 5,866 | 0.0 | 12.3 | -7.0 | 18.8 |
| Metals and alloys | 1,070 | 1,015 | 1,069 | 9,978 | -15.4 | -11.7 | 26.0 | 0.3 |
| Other industrial goods and materials | 459 | 478 | 486 | 4,701 | 2.8 | 14.2 | -8.9 | 15.7 |
| MACHINERY AND EQUIPMENT | 2,377 | 2,223 | 2,432 | 24,090 | 16.6 | 21.1 | 9.2 | 3.6 |
| Industrial and agricultural machinery | 488 | 446 | 495 | 5,004 | 10.0 | 10.9 | 6.8 | 5.0 |
| Aircraft and other transportation equipment | 485 | 494 | 629 | 5,441 | 21.2 | 58.5 | 5.5 | 9.4 |
| Other machinery and equipment | 1,404 | 1,283 | 1,308 | 13,645 | 17.4 | 12.1 | 11.4 | 1.2 |
| AUTOMOTIVE PRODUCTS | 3,059 | 2,790 | 3,020 | 28,952 | -0.1 | 9.7 | 3.7 | 19.4 |
| Passenger autos and chassis | 1,483 | 1,246 | 1,513 | 13,719 | 5.9 | 25.2 | 2.5 | 16.2 |
| Trucks and other motor vehicles | 700 | 716 | 714 | 6,971 | 1.1 | -2.4 | 5.5 | 58.4 |
| Motor vehicle parts | 875 | 829 | 792 | 8,262 | -9.4 | -2.4 | 3.9 | 1.8 |
| OTHER CONSUMER GOODS | 245 | 241 | 238 | 2,338 | 6.5 | 12.7 | -9.0 | -2.8 |
| SPECIAL TRANSACTIONS TRADE* | 264 | 157 | 241 | 2,427 | 94.3 | 70.0 | 55.9 | 89.4 |
| UNALLOCATED ADJUSTMENTS* | -36 | . 34 | -40 | -414 | -24.8 | -31.7 | -389.9 | -68.1 |
| TOTAL | 12,461 | 12,087 | 12,656 | 122,134 | 3.4 | 10.0 | 3.5 | 4.2 |

* Raw values

Table 4
Imports by Commodity Groupings
October 1990
Balance of Payments Basis

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Aug. | Sept. | Oat. | Year-to-date |  | Percentage change |  |  |
|  |  |  |  | Value | $\begin{gathered} \%_{0} \\ \text { change } \end{gathered}$ | $\begin{aligned} & \hline \text { OcL.'901 } \\ & \text { Oct.'89 } \end{aligned}$ | $\begin{aligned} & \text { Ocl. }{ }^{\prime} 89 / \\ & \text { Oct.'88 } \end{aligned}$ | $\begin{aligned} & \text { Oct.'88/ } \\ & \text { Oct.'87 } \end{aligned}$ |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 730 | 720 | 742 | 7,287 | 6.7 | 7.5 | 13.5 | 0.6 |
| Fruits and vegetables | 247 | 243 | 249 | 2,427 | 6.4 | 3.6 | 8.9 | 5.6 |
| Other agriculural and fishing products | 483 | 477 | 493 | 4,860 | 6.8 | 9.1 | 15.6 | -1.5 |
| ENERGY PRODUCTS | 639 | 695 | 1.018 | 6,330 | 22.9 | 108.0 | 16.3 | -30.7 |
| Crude petroleum | 404 | 530 | 749 | 4,115 | 36.4 | 202.5 | 29.4 | -49.3 |
| Other energy products | 235 | 165 | 269 | 2,216 | 3.9 | 24.0 | 6.8 | -5.1 |
| PORESTRY PRODUCTS | 99 | 93 | 101 | 1,140 | 0.7 | -13.4 | 21.4 | -10.0 |
| INDUSTRIAL GOODS AND MATERIALS | 2,178 | 2,197 | 2,322 | 21,989 | -0.7 | 2.8 | 11.2 | 11.1 |
| Metals and metal ores | 626 | 632 | 656 | 5,875 | -7.9 | 1.7 | 10.6 | 5.3 |
| Chemicals and plastics | 669 | 708 | 733 | 6,977 | 2.5 | 8.3 | 7.1 | 17.5 |
| Other industrial goods and materials | 883 | 857 | 933 | 9,138 | 2.1 | -0.3 | 14.7 | 11.1 |
| MACHINERY AND EQUIPMENT | 3,356 | 3,325 | 3,608 | 35,975 | -0.4 | -4.5 | 11.0 | 24.6 |
| Industrial and agriculural machinery | 962 | 954 | 1,032 | 10,620 | -6.3 | -10.3 | 5.2 | 20.8 |
| Aircraft and other transportation equipment | 397 | 342 | 368 | 4,064 | -13.9 | -25.9 | 4.8 | 43.1 |
| Office machines and equipment | 497 | 508 | 542 | 5,294 | 1.3 | 7.5 | 4.2 | 7.3 |
| Other machinery and equipment | 1,499 | 1,520 | 1,667 | 15,997 | 7.9 | 1.8 | 20.1 | 29.9 |
| AUTOMOTIVE PRODUCTS | 2,710 | 2,376 | 2,440 | 25,794 | -3.9 | -11.6 | -0. 0 | 2.7 |
| Passenger autos and chassis | 946 | 808 | 783 | 9,133 | -7.1 | -18.2 | -5. 1 | -12.6 |
| Trucks and other motor vehicles | 288 | 266 | 268 | 2,918 | 0.2 | -7.0 | -11.6 | -2.9 |
| Motor vehicle parts | 1,477 | 1,302 | 1,389 | 13,743 | -2.5 | -8.1 | 5.9 | 20.3 |
| OTHER CONSUMER GOODS | 1,320 | 1,302 | 1,387 | 13,279 | 5.9 | 4.8 | 17.8 | 4.6 |
| Apparel and footwear | 291 | 293 | 321 | 3,158 | 9.7 | 0.7 | 30.3 | -11.5 |
| Miscellaneous consumer goods | 1,028 | 1,009 | 1,066 | 10,121 | 4.8 | 5.8 | 15.2 | 8.7 |
| SPECLAL TRANSACTIONS TRADE* | 261 | 230 | 316 | 2,455 | 2.4 | 15.5 | 24.3 | 23.4 |
| UNALLOCATED ADJUSTMENTS* | -76 | -68 | -81 | -767 | -3.9 | -5.1 | 9.5 | 11.7 |
| TOTAL | 11,218 | 10,869 | 11,854 | 113,483 | 1.0 | 1.6 | 9.4 | 8.7 |

*Raw values

Table 5
Merchandise Trade of Canada
Constant Dollars, Laspeyres Price Indexes and Terms of Trade
October 1990
Seasonally Adjusted, Balance of Payments Basis

|  | Constant 1986 dollars (1) |  |  |  | Laspeyres price index (2) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exports |  | Period-to-period change (4) |  | 1986=100.0 |  |  | Period-to-period change (4) |  |  |
|  |  | Imports | Exports | Imports | Exports | Imports | $\begin{aligned} & \text { Terms of } \\ & \text { Trade(3) } \end{aligned}$ | Exports | Imports | Tems of Trade(3) |
|  | \$ millions |  | \% |  |  |  |  |  | \% |  |
| 1986 | 120,317 | 110,374 | $\ldots$ | ... | 100.0 | 100.0 | 100.0 |  |  |  |
| 1987 | 124,717 | 117,271 | 3.7 | 6.2 | 101.8 | 98.8 | 103.0 | 1.8 | -1.2 | 3.0 |
| 1988 | 136,376 | 133,265 | 9.3 | 13.6 | 103.0 | 97.5 | 105.6 | 1.2 | -1.4 | 2.5 |
| 1989 | 137,498 | 139,647 | 0.8 | 4.8 | 104.8 | 97.9 | 107.0 | 1.8 | -1.4 | 1.3 |
| 1988 |  |  |  |  |  |  |  |  |  |  |
| First quarter | 33,201 | 32,762 | 3.3 | 3.4 | 102.0 | 97.8 | 104.3 | -1.4 | -1.8 | 1.9 |
| Second quarter | 34,955 | 33,047 | 5.3 | 0.9 | 101.9 | 96.9 | 105.2 | -0.2 | -0.9 | 0.8 |
| Thind quarter | 34,003 | 33,280 | -2.7 | 0.7 | 103.4 | 97.0 | 106.6 | 1.5 | 0.1 | 1.4 |
| Fourth quarter 1989 | 34,217 | 34,176 | 0.6 | 2.7 | 104.3 | 97.6 | 106.9 | 0.9 | 0.7 | 0.3 |
| First quarter | 34,920 | 34,522 | 2.1 | 1.0 | 105.6 | 97.3 | 108.6 | 1.3 | -0.3 | 1.7 |
| Second quarter | 33,848 | 35,155 | -3.1 | 1.8 | 106.2 | 98.2 | 108.1 | 0.5 | 0.9 | -0.4 |
| Thind quarter | 34,390 | 34,582 | 1.6 | -1.6 | 104.2 | 97.8 | 106.5 | -1.9 | -0.5 | -1.5 |
| Fourth quarter | 34,341 | 35,387 | -0.1 | 2.3 | 103.8 | 97.6 | 106.4 | -0.4 | -0.2 | -0.2 |
| 1990 | 35,070 | 34,906 | 2.1 | -1.4 | 104.3 | 99.5 | 104.8 |  |  |  |
| Second quarter | 36,805 | 35,546 | 4.9 | -1.4 1.8 | 103.0 | 99.5 98.6 | 104.5 | 0.5 -1.2 | - 2.0 | -1.4 -0.3 |
| Third quarter | 36,331 | 34,601 | -1.3 | -2.7 | 103.5 | 98.8 | 104.8 | 0.4 | 0.2 | 0.3 |
| 1989 |  |  |  |  |  |  |  |  |  |  |
| January | 12,107 | 11,526 | 5.7 | 0.4 | 105.5 | 97.3 | 108.4 | 1.0 | -0.1 | 1.0 |
| February | 11,605 | 11,439 | -4.2 | -0.8 | 105.5 | 97.4 | 108.3 | 0.1 | 0.1 | -0.1 |
| March | 11,208 | 11,557 | -3.4 | 1.0 | 106.0 | 97.3 | 108.9 | 0.4 | 0.0 | 0.6 |
| April | 11,114 | 11,599 | -0.8 | 0.4 | 106.3 | 98.2 | 108.2 | 0.3 | 0.9 | -0.6 |
| May | 11,738 | 12,182 | 5.6 | 5.0 | 106.4 | 98.3 | 108.2 | 0.1 | 0.1 | 0.0 |
| June | 10,997 | 11,374 | -6.3 | -6.6 | 106.0 | 98.5 | 107.6 | -0.4 | 0.3 | -0.6 |
| July | 11.384 | 11,002 | 3.5 | -3.3 | 105.0 | 98.1 | 107.0 | -0.9 | -0.4 | -0.5 |
| August | 11,389 | 11,884 | 0.0 | 8.0 | 104.0 | 97.3 | 106.9 | -0.9 | -0.8 | -0.1 |
| September | 11.616 | 11,696 | 2.0 | -1.6 | 103.6 | 97.7 | 106.0 | -0.4 | 0.4 | -0.8 |
| October | 11,356 | 12,073 | -2.2 | 3.2 | 104.4 | 97.9 | 106.6 | 0.7 | 0.2 | 0.6 |
| November | 11,468 | 11,623 | 1.0 | -3.7 | 103.9 | 97.7 | 106.3 | -0.5 | -0.3 | -0.3 |
| December | 11.517 | 11,691 | 0.4 | 0.6 | 103.6 | 97.2 | 106.6 | -0.3 | -0.4 | 0.2 |
| 1990 |  |  |  |  |  |  |  |  |  |  |
| January | 11,417 | 11,551 | -0.9 | -1.2 | 103.7 | 98.7 | 105.1 | 0.2 | 1.5 | -1.4 |
| February | 11,463 | 11,693 | 0.4 | 1.2 | 105.7 | 100.5 | 105.2 | 1.9 | 1.9 | 0.1 |
| March | 12,191 | 11,662 | 6.4 | -0.3 | 103.6 | 99.4 | 104.2 | -2.0 | -1.1 | -0.9 |
| April | 12,261 | 12,114 | 0.6 | 3.9 | 103.0 | 98.5 | 104.6 | -0.5 | -0.9 | 0.3 |
| May | 12,066 | 11,939 | -1.6 | -1.4 | 103.4 | 98.7 | 104.8 | 0.4 | 0.2 | 0.2 |
| June | 12,477 | 11,492 | 3.4 | -3.7 | 102.5 | 98.5 | 104.1 | -0.8 | -0.2 | -0.7 |
| July | 12,331 | 11,858 | -1.2 | 3.2 | 101.5 | 97.7 | 103.9 | -1.1 | -0.8 | -0.2 |
| August | 12,353 | 11,663 | 0.2 | -1.6 | 102.8 | 98.1 | 104.8 | 1.3 | 0.4 | 0.9 |
| September | 11,648 | 11,078 | -5.7 | -5.0 | 106.2 | 100.5 | 105.7 | 3.3 | 2.4 | 0.8 |
| October | 12,209 | 11,940 | 4.8 | 7.8 | 105.9 | 101.0 | 104.9 | -0.2 | 0.5 | -0.8 |
| Year-to-date |  |  |  |  |  |  |  |  |  |  |
| 1989 | 114,514 | 116,332 | 0.8 | 5.5 |  |  |  |  |  |  |
| 1990 | 120,415 | 116,993 | 5.2 | 0.6 |  |  |  |  |  |  |

(1) The Passche current weighted price index used to calculate constant dollars can be derived by dividing current values by the constant dollars above.
(2) The Laspeyres price index uses fixed weights based on 1986 trade and therefore reflects changes in price only.
(3) The Terms of Trade are the ratios of export price indexes to import price indexes, multiplied by 100.
(4) Change over previous period.

Note: Due to rounding, monthly data may not add up to quarterly data and quarterly data may not add up co annual data.
... figures not appropriate.

Table 6

## Exports by Commodity Groupings in 1986 Dollars <br> October 1990

Balance of Payments Basis

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Aug. | Sept | Oa. | Year-to-date |  | Percentage change |  |  |
|  |  |  |  | Value | $\begin{gathered} \% \\ \text { change } \end{gathered}$ | $\begin{aligned} & \text { Oct. '90 } \\ & \text { Oct. } 89 \end{aligned}$ | $\begin{aligned} & \text { Oct' } 89 / \\ & \text { Oct. } 88 \end{aligned}$ | $\begin{aligned} & \text { Oct. }{ }^{\text {Oct }} \times 87 \\ & \text { Oct } \end{aligned}$ |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 1,045 | 960 | 883 | 10,384 | 16.9 | -1.6 | -6.2 | -12.5 |
| Wheat | 304 | 223 | 109 | 2.721 | 73.9 | -37.3 | -22.5 | -39.2 |
| Other agricultural and fishing products | 742 | 738 | 774 | 7,664 | 4.7 | -8.9 | -22.5 -0.1 | -39.2 5.0 |
| ENERGY PRODUCTS | 1,279 | 1,365 | 1,278 | 12,215 | 2.5 | 14.5 | -7.4 |  |
| Crude petroleam * | 369 | 337 | 347 | 3,468 | -1.6 | 2.3 | -8.4 | 2.1 |
| Natural gas | 422 | 438 | 405 | 4,056 | 7.8 | 2.4 | 17.6 | 8.1 |
| Other energy products | 488 | 590 | 527 | 4,690 | 1.2 | 35.5 | -22.4 | 1.1 |
| FORESTRY PRODUCTS | 1,541 | 1,486 | 1,557 | 15,761 | -2.0 | -3.0 | 4.6 | -0.6 |
| Lumber and sawmill products | . 526 | 1, 521 | 541 | 5,585 | -5.0 | -11.9 | 11.1 | --7.4 |
| Woodpulp and other wood products | 326 | 334 | 371 | 3,360 | -5.2 | - 7.2 | -5.0 | -7.4 |
| Newsprint and other paper and paperboard | 689 | 631 | 646 | 6,816 | 2.5 | -0.2 | 4.3 | 2.2 |
| INDUSTRIAL GOODS AND MATERIALS | 2,499 | 2,444 | 2,614 | 24,335 | -0.2 | 4.7 | 12.1 | -1.5 |
| Metal ores | 417 | 448 | 486 | 3,996 | 0.4 | 25.0 | -0.8 | -23.9 |
| Chemicals, plastics and fertilizers | 626 | 574 | 654 | 5,967 | 5.5 | 19.4 | -5.1 | 19.6 |
| Metals and alloys | 989 | 928 | 957 | 9,429 | -5.5 | -14.0 | 48.7 | -10.0 |
| Other industrial goods and materials | 467 | 494 | 517 | 4,943 | 3.8 | 15.2 | -11.3 | 17.8 |
| MACHINERY AND EQUIPMENT | 2,272 | 2,133 | 2,311 | 23,138 | 15.1 | 17.5 | 7.1 | 3.7 |
| Industrial and agricultural machinery | 431 | 388 | 430 | 4,371 | 6.4 | 8.1 | 2.2 | 3.1 |
| Aircraft and other transportation equipment | 430 | 437 | 553 | 4,834 | 18.9 | 54.7 | 0.9 | 5.1 |
| Other machinery and equipment | 1,411 | 1,308 | 1,328 | 13,932 | 16.7 | 9.4 | 10.7 | 3.5 |
| AUTOMOTIVE PRODUCTS | 3,277 | 2,930 | 3,163 | 30,562 | 0.1 | 10.1 | 3.3 | 24.6 |
| Passenger autos and chassis | 1,633 | 1,325 | 1,585 | 14,750 | 6.7 | 25.8 | 1.2 | 22.3 |
| Trucks and other motor vehicles | 748 | 763 | 772 | 7,430 | 0.5 | -1.8 | 7.0 | 65.1 |
| Motor vehicle parts | 896 | 841 | 807 | 8,382 | -10.0 | -2.5 | 3.3 | 4.5 |
| OTHER CONSUMER GOODS | 215 | 212 | 209 | 2,033 | 4.4 | 13.3 | -13.9 | -6.5 |
| SPECIAL TRANSACTIONS TRADE* | 262 | 151 | 232 | 2,396 | 97.9 | 68.0 | 51.3 | 85.3 |
| UNALLOCATED ADJUSTMENTS* | -36 | -33 | -39 | -409 | -23.5 | -32.5 | -381.6 | -68.8 |
| TOTAL | 12,353 | 11,648 | 12,209 | 120,415 | 5.2 | 8.7 | 3.1 | 4.4 |

*Raw values


Table 7
Imports by Commodity Groupings in 1986 Dollars
October 1990
Balance of Payments Basis

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Aug. | Sept. | Oct. | Year-to-date |  | Percentage change |  |  |
|  |  |  |  | Value | $\begin{gathered} \text { \% } \\ \text { change } \end{gathered}$ | $\begin{array}{r} \hline \text { Oct.'90/ } \\ \text { Oct.' } 89 \end{array}$ | Oct' $89 /$ Oct.' 88 | Oct. ${ }^{\prime 88 /}$ Oct.'87 |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 734 | 724 | 730 | 7,405 | 7.4 | 4.0 | 13.2 | -1.2 |
| Fruits and vegetables | 233 | 231 | 229 | 2,345 | 6.8 | 2.1 | 11.7 | -13.2 |
| Other agriculmral and fishing products | 501 | 492 | 501 | 5,060 | 7.7 | 4.7 | 13.9 | 4.8 |
| ENERGY PRODUCTS | 629 | 529 | 706 | 6,044 | 8.6 | 38.6 | 1.1 | -9.6 |
| Crude petroleum | 360 | 332 | 426 | 3,508 | 14.4 | 65.8 | 0.3 | -24.2 |
| Other energy products | 269 | 197 | 280 | 2,536 | 1.4 | 16.7 | 1.8 | 7.2 |
| FORESTRY PRODUCTS | 96 | 87 | 95 | 1,036 | 6.6 | -5.6 | 25.2 | -20.7 |
| INDUSTRIAL GOODS AND MATERIALS | 2,204 | 2,189 | 2,301 | 21,680 | 1.0 | 2.4 | 13.7 | 7.3 |
| Metals and metal ores | 624 | 593 | 636 | 5,559 | -4.0 | 1.4 | 16.6 | -1.6 |
| Chemicals and plastics | 709 | 749 | 759 | 7,234 | 8.2 | 11.9 | 9.1 | 12.8 |
| Other industrial goods and materials | 871 | 847 | 907 | 8,888 | -1.2 | -3.6 | 15.1 | 10.3 |
| MACHINERY AND EQUIPMENT | 3,771 | 3,737 | 4,034 | 39,998 | 0.9 | -3.4 | 12.9 | 28.0 |
| Industrial and agricultural machinery | 1,026 | 1,006 | 1,086 | 11,190 | -7.8 | -12.1 | 4.2 | 26.3 |
| Aircraft and other transportation equipment | 406 | 349 | 382 | 4,194 | -14.1 | -26.4 | 4.8 | 41.8 |
| Office machines and equipment | 818 | 846 | 902 | 8,496 | 12.8 | 17.7 | 18.2 | 15.4 |
| Other machinery and equipment | 1,521 | 1,536 | 1,665 | 16,118 | 6.9 | -0.3 | 20.4 | 32.0 |
| AUTOMOTIVE PRODUCTS | 2,736 | 2,387 | 2,513 | 26,143 | -5.5 | -12.2 | -0.4 | 7.5 |
| Passenger amtos and chassis | 795 | 690 | 725 | 8,107 | -9.8 | -16.4 | -7.7 | -13.2 |
| Trucks and other motor vehicles | 312 | 284 | 279 | 3,129 | -1.9 | -12.0 | -12.0 | 2.2 |
| Motor vehicle parts | 1,630 | 1.414 | 1,508 | 14,907 | -3.7 | -10.0 | 6.8 | 28.1 |
| OTHER CONSUMER GOODS | 1,303 | 1,260 | 1,324 | 12,947 | 4.2 | 2.9 | 15.0 | 5.6 |
| Apparel and footwear | 220 | 220 | 234 | 2,406 | -0.2 | -3.0 | 14.7 | -15.4 |
| Miscellaneous consumer goods | 1,083 | 1,040 | 1,090 | 10,542 | 5.3 | 3.9 | 15.1 | 10.1 |
| SPECIAL TRANSACTIONS TRADE* | 272 | 234 | 318 | 2,530 | -2.2 | 8.7 | 25.6 | 24.7 |
| UNALLOCATED ADJUSTMENTS* | -79 | -69 | -81 | -791 | -8.1 | -10.6 | 10.7 | 12.9 |
| TOTAL | 11,665 | 11,078 | 11,940 | 116,993 | 0.6 | -1.4 | 9.6 | 11.7 |

*Raw values

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[^0]:    Note: Due to rounding, monthly data may not add up to quarterly data and quarterly data may not add up to annual data.

