

## Catalogue 65-001P Monthly

## Preliminary Statement of Canadian International Trade

September 1990
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## Statistics Canada

International Trade Division

# Preliminary Statement of Canadian <br> International Trade 

September 1990

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## TABLE OF CONTENTS

Page
Highlights ..... 5
Monthly Summary ..... 6
Quarterly Summary ..... 12
Note on Reconciliation of Canada/United States Data ..... 14
Tables

1. Merchandise Trade of Canada ..... 7
2. Merchandise Trade by Principal Trading Areas ..... 13
2A. Statistical Alignment of Canadian Exports to the United States with United States Imports from Canada ..... 13
3. Exports by Commodity Groupings ..... 16
4. Imports by Commodity Groupings ..... 17
5. Constant Doliars, Laspeyres Price Indexes and Terms of Trade ..... 18
6. Exports by Commodity Groupings in 1986 Dollars ..... 19
7. Imports by Commodity Groupings in 1986 Dollars ..... 20



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## HIGHLIGHTS

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## Monthly Summary

Following two consecutive months of decline, merchandise exports for September increased by $\$ 424.3$ million over revised August figures, to total $\$ 12.2$ billion. Imports continued to decline in September, dropping by $\$ 373.1$ million, to a level of $\$ 10.8$ billion. The opposite movement of exports and imports generated an increase in the trade surplus of $\$ 797.4$ million, following declines of $\$ 848.3$ million in July and $\$ 367.1$ million in August. The surplus registered in September stood at $\$ 1.5$ billion.

Significant growth in exports occurred in the energy products sector. There was a large upward movement in the export of crude petroleum ( $\$ 352.1$ million), chiefly as a result of higher prices caused by the situation in the Persian Gulf. Both crude petroleum and natural gas exports were at their highest level thus far this year.

A marginal increase in exports of automotive products ( $\$ 4.6$ million) followed a plunge of $\$ 697.8$ million in August. September's increase resulted from higher exports of cars and trucks, tempered by a fall in the export of motor vehicle parts.

Decreases in the export of machinery and equipment of $\$ 187.6$ million moderated the overall increase in exports.

Contributing to the decline in imports were large decreases in automotive products, primarily cars, which accounted for the bulk of the drop ( $-\$ 283.4$ million).


Total car imports in September were the lowest recorded since July 1989, probably reflecting consumer uncertainty.

Imports of machinery and equipment were also down in September, which is consistent with the general slowdown of the economy, particularly in the construction sector. Decreases were also observed in the forestry products and food sectors.

These declines were somewhat offset by increased imports of crude petroleum. However, higher import prices were responsible for this increase.

The increase in Canada's trade surplus in September was almost totally accounted for by a $\$ 708.2$ million improvement in the merchandise trade balance with the United States. This increase followed two successive months of positive but declining surpluses with the U.S. Year-to-date improvement in the trade balance is the result of lower growth in imports.

Trade with all other principal trading partners resulted in deficits. However, the deficit with nonO.E.C.D. countries was reduced in September by $\$ 164.1$ million, and with "Other E.E.C. countries" by $\$ 116.9$ million. Canada's balance of trade with the United Kingdom changed from a surplus of $\$ 8.1$ million registered in August, to a September deficit of $\$ 65.9$ million. Trade with Japan produced a second consecutive monthly trade deficit (based on revised August figures).


Table 1
Merchandise Trade of Canada
September 1990

|  | Customs Basis |  | Balance of Payments Basis |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exports | Imports | Raw Values |  | Seasonally Adjusted |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | d-to-perio | d change |
|  |  |  | Expors | Impons | Expors | 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 quarter | 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 | 32,037 | 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 1990 | 35,174 | 33,435 | 35,895 | 33,304 | 34,905 | 33,765 | 1,139 | -0.5 | 1.5 | -673 |
| First quarter | 36,120 | 35,140 | 35,526 | 34,904 | 35,769 | 34,072 | 1,697 | 2.5 | 0.9 | 558 |
| Second quarter | 39,253 | 35,793 | 38,854 | 35,516 | 37.475 | 34,178 | 3,298 | 4.8 | 0.3 | 1,600 |
| Third quanter | 34,768 | 31,146 | 34,258 | 31,370 | 36.466 | 33,266 | 3,200 | -2.7 | -2.7 | -97 |
| 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 |  |  |  |  |  |  |  |  |  |  |
| January | 11,431 | 10,812 | 11,181 | 10,667 | 11,624 | 11,197 | 427 | -0.3 | 0.6 | -102 |
| February | 11.476 | 11,374 | 11,328 | 11,414 | 11,716 | 11,513 | 203 | 0.8 | 2.8 | -224 |
| March | 13,212 | 12.955 | 13,018 | 12,824 | 12,429 | 11,362 | 1,067 | 6.1 | -1.3 | 864 |
| April | 12,635 | 11,588 | 12,457 | 11,546 | 12,376 | 11,587 | 788 | -0.4 | 2.0 | -279 |
| May | 13.428 | 12,365 | 13,294 | 12,385 | 12,184 | 11,569 | 615 | -1.5 | -0.2 | -173 |
| June | 13.190 | 11,840 | 13,103 | 11,585 | 12.915 | 11,021 | 1,894 | 6.0 | -4.7 | 1,279 |
| July | 11,011 | 10,053 | 10,964 | 10,058 | 12,415 | 11,370 | 1,046 | -3.9 | 3.2 | -848 |
| August | 11,711 | 10,822 | 11,301 | 10,956 | 11,813 | 11,135 | 679 | -4.8 | -2.1 | -367 |
| September | 12,047 | 10,271 | 11,993 | 10,356 | 12,238 | 10.762 | 1,476 | 3.6 | -3.4 | 797 |
| Year-to-date |  |  |  |  |  |  |  |  |  |  |
| 1989 | 103,165 | 101,599 | 105,566 | 101,224 | 106,556 | 100,762 | 5,794 | 3.0 | 5.3 | -1,964 |
| 1990 | 110,141 | 102,079 | 108,638 | 101,790 | 109,711 | 101,515 | 8,195 | 3.0 | 0.7 | 2,401 |

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## ShormTerm. Trend

## Exports

The revised short-term trend for exports began to decline in July ( $-0.4 \%$ ), continuing in August with a further drop of $-0.6 \%$. This follows eight consecutive months of increase.

- The largest percentage decrease occurred in the agricultural and fishing products sector ( $-4.3 \%$ ), primarily because of a $10.8 \%$ drop in the export of wheat.
- Machinery and equipment exports fell by $2.2 \%$, fuelled by accelerated decreases in the export of all components of the sector. Industrial and agricultural machinery, in its fourth month of decline, fell by $2.9 \%$; aircraft dropped by $1.7 \%$; and, exports of other machinery and equipment were lower by 2.1\%.
- In the automotive products sector, the August short-term trend for car exports showed a $2.2 \%$ decline, a larger decrease than that observed for July. Motor vehicle parts declined for the first time since January 1990, consistent with a slowdown in the rate of increase beginning in May. The August trend for trucks increased slightly ( $0.9 \%$ ); growth in this commodity was also showing signs of slowdown.
- Declines in the export trend were offset by increases in certain commodities. Energy products, for example, which have been on the rise since December 1989, posted an increase of $6.5 \%$ for August. Crude petroleum increased by $8.1 \%$, following increases in June and July of $2.8 \%$ and $5.8 \%$ respectively. In the case of natural gas, the trend was positive in August, but slowing. Other energy products have exhibited accelerated rates of growth, rising from a rate of increase in May of $1.4 \%$ to the August rise of $7.8 \%$.
- The export trend for industrial goods and materials was up marginally ( $0.6 \%$ ) in August, the same increase as observed in July. Although metal ores, and metals and alloys rose, chemicals, plastics and fertilizers continued the decline first noted in May.


## Imports

The import trend fell for the fourth consecutive month. The $1.0 \%$ decline was the same as that registered for July.

- Imports of machinery and equipment decreased by 2.3\% in August. The decrease in imports of industrial and agricultural machinery ( $-2.7 \%$ ) marked the fourteenth consecutive month of decline in this commodity. Aircraft and other transportation equipment imports fell for the sixth month in a row, and declines in the trend were also noted for imports of office machines and other machinery and equipment.
- In the automotive products sector, the import trend in August declined for all major components. Imports of cars have been declining at an increasing rate since February 1990. Imports of trucks showed a quickening of the decline begun in May. The trend for motor vehicle parts began to decline in July. The rate of decline in August, at $1.9 \%$ is over double the decrease noted in July.
- Decreases in the overall import trend were offset somewhat by increases in energy products of $3.1 \%$. The increased trend for crude petroleum of $5.9 \%$ was moderated by a decline in imports of other energy products of $1.9 \%$.


## Merchandise Trade



## Betailed Analysis by Commodilies and Trading Partners

## Commodities

September exports increased by $\$ 424.3$ million over revised August figures to reach $\$ 12.2$ billion. This increase follows two consecutive months of decreases ( $\$ 499.7$ million in July and $-\$ 602.1$ in August).

The largest single contributor to the increase in exports was the energy products sector, which grew by $\$ 594.4$ million. This growth in exports was generated by increases in all components of the sector. Exports of crude petroleum rose by $\$ 352.1$ million, other energy products increased by $\$ 219.2$ million, and there was a slight increase in the export of natural gas of $\$ 23.0$ million. A significant jump in exports of crude petroleum ( $107.6 \%$ ) was observed between August and September, bringing the level of exports from $\$ 327.1$ million to $\$ 679.2$ million. Although this level was the highest for the first nine months of 1990 , and in fact was $82.9 \%$ higher than the January to August monthly average, the total was only $8.9 \%$ above the level observed for the same period in 1989. September exports of natural gas were also the highest thus far in 1990 . At $\$ 308.8$ million, they were comparable to the $\$ 308.1$ million registered in June. Year-to-date exports of natural gas were greater than for the first nine months of 1989.

## Exports of Energy Products



The forestry products sector also showed an increase in exports in September of \$19.1 million, following significant declines in July and August ( $\$ 107.1$ million and $\$ \$ 53.9$ million respectively). Exports of both
woodpulp and lumber rose, while newsprint sales declined slightly, coinciding with the disruption of newsprint production in Eastem Canada as a result of strike activity during the third quarter.

Exports of automotive products increased marginally ( $\$ 4.6$ million) in September, following a significant decrease in August of $\$ 697.8$ million. Sales of cars rose by $\$ 25.7$ million (compared to a drop of $\$ 587.8$ million in August), while truck exports rose by $\$ 24.5$ million (compared to August's decline of $\$ 177.8$ million). After rising by $\$ 67.7$ million in August, exports of motor vehicle parts fell in September by $\$ 45.6$ million. Exports of automotive products could be reflective of reduced production due to strike activity in September.

Exports of machinery and equipment showed the largest sectoral decline in September ( $\$ 187.6$ million); decreases were registered in all commodity series with the exception of other transportation equipment, which increased by $\$ 23.4$ million. The greatest drop occurred in the export of television and telecommunication equipment group ( $\$ 71.8$ million), followed by industrial machinery ( $\$ 40.1$ million) and office machines and equipment ( $\$ 34.9$ million).

Agricultural and fishing products also registered a decrease in September, caused by a decline in the exports of wheat of $\$ 49.9$ million. Despite this decline, year-todate sales of wheat were a healthy $53.7 \%$ higher than for the same period in 1989, as a result of higher than average sales earlier in the year. Decreased wheat sales coincided with depressed world grain markets and low wheat prices.


In the industrial goods and materials sector, increases in the export of metal ores of $\$ 39.5$ million and other industrial goods and materials of $\$ 23.8$ million were offset by declines in chemicals and plastics ( $-\$ 70.1$ million) and metals and alloys ( $-\$ 7.1$ million). In the metals and alloys group, exports of nickel continued to increase, as did exports of copper and precious metals. These increases were moderated by declines in the export of zinc and aluminum, as well as all iron and steel products. Exports of steel to the United States were affected by a prolonged strike against Canada's major producers, as well as by the high Canadian dollar.

Imports declined for the second consecutive month by $\$ 373.1$ million following a decline of $\$ 235.0$ million in August to reach a level of $\$ 10.8$ billion.

The largest declines in imports were experienced in the automotive products sector, which fell by $\$ 382.1$ million. Following a major increase in August of $\$ 277.4$ million, imports of cars fell $\$ 283.4$ million to a level of $\$ 780.1$ million, the lowest level since July 1989. Automobile sales (for both domestic and imported cars) declined in Canada during September, attributable in part to high interest rates. Imports of motor vehicle parts fell for the second consecutive month to a level of $\$ 1.3$ billion. September's decline of $\$ 71.4$ million follows a decrease in August of $\$ 314.0$ million. This was the lowest level of imports since January 1990, when sales totalled $\$ 1.2$ billion. The previous import low of $\$ 1.0$ billion occurred in July 1988.

## Automotive Product Imports



Imports of machinery and equipment were also down in September. The decline of $\$ 32.4$ million to $\$ 3.3$ billion followed a significant decrease in August of $\$ 275.1$ million. Year-to-date levels were marginally
higher than those recorded in 1989. The largest decrease was observed in the imports of aircraft and other transportation equipment ( $-\$ 54.2$ million), while industrial and agricultural machinery imports decreased by $\$ 8.9$ million.

These declines were partially offset by increased imports of office machines and equipment ( $\$ 12.0$ million) and other machinery and equipment ( $\$ 18.6$ million).


Forestry products and food also showed slight decreases.

These decreases were offset by increases in the imports of certain commodities. Energy products rose by $\$ 46.8$ million, primarily as a result of a large increase in imports of crude petroleum of $\$ 16.7$ million, which was offset by a decline in the imports of other energy products of $\$ 69.9$ million. Imports of crude petroleum, at $\$ 520.5$ million, are the highest since March 1982, when imports totalled $\$ 522.6$ million. While there was a slight increase in import volumes, the increase in imports is mostly atuributable to the extremely large price rise which occurred as a result of the crisis in the Middle East.


## Trading Partners

Increased exports to the United States in September were the major cause of the $\$ 424.3$ million increase in total exports. Exports to the United States grew by $\$ 447.5$ million, following declines in July and August of $\$ 462.7$ million and $\$ 564.2$ million respectively. At $\$ 9.4$ billion, September's exports to the United States were $2.7 \%$ higher than the January to August monthly average of $\$ 9.2$ billion.

Exports to "Other E.E.C. countries" also increased to reach a level of $\$ 771.7$ million. Exports to Japan remained stable, following declines registered in June, July and August.

Decreases were noted in exports to "Other O.E.C.D. countries" ( $-\$ 34.9$ million), as well as to nonO.E.C.D. countries ( $-\$ 105.5$ million). Exports to the United Kingdom showed a slight decline of $\$ 4.0$ million, after increasing by $\$ 43.5$ million in August. Despite the decrease in exports to the United Kingdom, exports for September stood $14.0 \%$ higher than the January to August average.

When the first nine months of 1990 are compared to the same period last year, year-to-date exports were up for the United States, "Other E.E.C. countries", "Other O.E.C.D. countries", and significantly higher for non-O.E.C.D. countries. Exports to the United Kingdom were down marginally, while exports to Japan showed a dramatic decrease.

Total imports declined by $\$ 373.1$ million in September. The main contributor to the decline was imports from the United States, which fell by $\$ 260.6$ million to $\$ 7.3$ billion, following a decrease in August of $\$ 409.9$ million. Nevertheless, imports from the United States for the first nine months of 1990 were still greater than for the same period in 1989.


The largest drop occurred in imports from nonO.E.C.D. countries ( $-\$ 269.7$ million). This drop to a level of $\$ 1.1$ billion puts the year-to-date total at less than that observed in 1989.

Increases were posted in imports from the United Kingdom ( $\$ 70.0$ million), "Other O.E.C.D. countries" ( $\$ 64.8$ million), Japan ( $\$ 18.0$ million) and "Other E.E.C. countries" ( $\$ 4.2$ million).


## Quarterly Summary

Total exports dropped by $\$ 1.0$ billion during the third quarter, following a large increase in the second quarter of $\$ 1.7$ billion. Nevertheless, the level of exports, at $\$ 36.5$ billion for the quarter, was higher than for the third quarter of 1989.

The major reason for the third quarter drop was a decrease of $\$ 631.6$ million in machinery and equipment exports to a total for the quarter of $\$ 7.0$ billion. This decline followed increases in the first and second quarters of $\$ 747.9$ million and $\$ 497.0$ million. The third quarter level for this sector remained higher than third quarter totals in 1989, and the year-to-date total was also larger. The biggest decline occurred in the other machinery and equipment group, which fell by $\$ 413.9$ million. This represents the first decline since the third quarter of 1989 . The decrease of $\$ 59.6$ million in exports of aircraft and other transportation equipment was also the first decline since the third quarter of 1989 . Industrial and agricultural machinery, on the other hand, posted a second consecutive quarterly decrease, falling by $\$ 158.0$ million during the third quarter.

The drop observed during the third quarter in the exports of agricultural and fishing products ( $\$ 537.5$ million) continued the decrease seen in the second quarter. Wheat alone fell by $\$ 351.8$ million. In spite of this large decrease, third quarter wheat sales were greater than for the same period in 1989, and year-to-date figures were significanly higher.

Forestry products exports declined significantly ( $-\$ 326.3$ million). On a quarterly basis, exports have been falling all year, with the third quarter decline $73 \%$ greater than the drop experienced in the second quarter. Lumber products fell the most ( $-\$ 143.8$ million), followed by woodpulp ( $-\$ 119.2$ ) and newsprint ( $-\$ 63.4$ million). The behaviour of lumber exports reflects the slowdown in construction in the United States.

These declines in exports were offset by increases in some commodities during the third quarter. Exports of energy products rose by $\$ 479.5$ million, continuing the increases observed during the first and second quarters. Crude petroleum was up $\$ 206.5$ million, and natural gas showed an increase of $\$ 35.1$ million. Exports of other energy products rose by $\$ 237.9$ million, mostly because of an increase in the export of petroleum and coal products of $\$ 217.9$ million.

The automotive products sector registered a third quarter increase of $\$ 90.5$ million, considerably lower than the $\$ 894.2$ million rise noted in the second quarter.

Exports of cars and trucks increased, but the decrease in exports of motor vehicle parts of $\$ 166.0$ million had a dampening effect on total exports of automotive products during the most recent quarter. Year-to-date exports of cars and trucks were greater than for the same period in 1989, while exports of parts were lower.

Exports of industrial goods and materials rose marginally (\$12.7 million) during the third quarter, primarily because of a large increase in metals and alloys (\$228.5 million). However, this increase was offset by third quarter declines in chemicals and plastics ( $-\$ 141.2$ million), other industrial goods ( $-\$ 39.3$ million) and metal ores ( $-\$ 35.3$ million).

Total imports declined dramatically in the third quarter, by $\$ 911.7$ million, to reach a level of $\$ 33.3$ billion, almost the same level as that recorded for the third quarter of 1989. Despite this decline, imports for the first nine months of 1990 remained slightly higher than for the first three quarters of 1989.

The machinery and equipment sector was primarily responsible for the decrease in imports, falling by $\$ 801.1$ million to $\$ 10.3$ billion. Imports of both industrial and agricultural machinery ( $-\$ 255.7$ million) and aircraft and other transportation equipment ( $\$ 146.0$ million) fell for the second consecutive quarter. The decline in imports of other machinery and equipment followed an increase during the second quarter; however, at $-\$ 458.9$ million, this decrease was the largest single decline within the sector.

Imports of automotive products declined by $\$ 386.3$ million, after increasing $\$ 411.7$ million during the second quarter. Car imports fell for the second consecutive quarter ( $-\$ 173.2$ million), while imports of trucks and motor vehicle parts were down by $\$ 190.5$ million and $\$ 22.7$ million following strong increases in the second quarter.

Increased imports of certain commodities moderated the decline in total imports. Energy products rose by $\$ 121.8$ million, as a result of higher imports of crude petroleum of $\$ 161.6$ million. Other energy products, on the other hand, fell by $\$ 39.8$ million. Imports of industrial goods and materials grew by $\$ 84.1$ million. Although other industrial goods dropped by $\$ 88.2$ million during the quarter, the increase in imports of metals and ores of $\$ 173.1$ million following a second quarter decline of $\$ 319.8$ million resulted in the increase in imports of goods in this sector.

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


* Raw series

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

|  | \$ millions |
| :--- | ---: |
| Total Canadian exports to United States | $9,165.8$ |
| Freight and other related charges incurred in bringing the merchandise to the Canadian border | -220.9 |
| Canadian re-exports of goods of foreign origin to United States | -458.0 |
| United States imports of goods of Canadian origin from other countries | 8.5 |
| Re-exports of U.S. goods returned through Canada and designated as Canadian origin by the U.S. | 304.9 |
| Monthly average exchange rate (\$US/\$Cdn) | 1.1582 |
| Total United States imports from Canada | US $\$ 7,598.2$ |
| (Country of Origin and F.O.B. place of lading Basis) |  |
| Notes: |  |
| 1. United States trade data includes Puerto Rico and Virgin Islands. |  |
| 2. Totals may not add due to rounding. |  |
| 3. Readers interested in aligning Canadian imporss from United States to United States exports to Canada should refer to the United States Depart- |  |
| ment of Commerce News Release (FT900) or contact Intemational Trade Division Data Dissemination Section at $613-951-9647$. |  |

## Note on Reconciliation of Canada/ United States Data

Bilateral trade between Canada and the United States is significant to both countries. In $1989,75 \%$ of Canada's exports were destined for the United States, while almost $70 \%$ of Canada's imports came from that country. Likewise, Canada was the largest buyer of American goods ( $22 \%$ ), while $19 \%$ of America's imports were from Canada. Only U.S. imports from Japan were higher than those from Canada in 1989.

Given the importance of the bilateral trade, there has long been a concern with ensuring that it be accurately measured. In the early 1970's, both countries' customs and statistical agencies met to discuss the growing discrepancies between the bilateral trade data. A reconciliation program was developed, its shortterm goal being the 'reconciliation' of differences in concepts and classification systems, to arrive at a single best measure of trade between the two countries. The long-term goal was the "exploration of the feasibility of harmonizing the conceptual frameworks of the two sets of statistics and eventually of using each other's import data as a means of reducing the reporting burden on exporters in both countries". ${ }^{1}$

Discrepancies between the two sets of data result from the use of customs administrative documents to compile trade statistics. Import data tend to be more accurate than export data because imports are subject to greater administrative control. Under the reconciliation program, a number of adjustments were made to correct for these discrepancies. On the import side, there were adjustments for trade definition, freight and errors, while for exports, there were adjustments for trade definition, valuation, freight and a particularly large adjustment for undercoverage.

In 1988, Canada adopted the Harmonized System of Coding and Classification, a system developed under the Customs Cooperation Council for trade and tariff classification. The United States followed in 1989. These steps facilitated the data exchange program whereby Canada and the United States agreed to replace their export statistics (bilateral trade only) with counterpart import statistics starting in January 1990.

Consequently, since January 1990, Canada has been using United States imports from Canada data (compiled by the United States Bureau of the Census) to produce exports to the United States. Likewise, the United States has been using Canadian imports from the United States (compiled by Statistics Canada) to
measure exports to Canada. Due to conceptual differences, however, discrepancies still arise when comparing both countries' published data. The differences covering Canadian exports to the U.S. and United States imports from Canada are outlined each month in Table 2A of this publication.

Canadian imports from the United States, on a country of consignment basis, are valued FOB (free-on-board) plant. Thus, inland freight ( $\$ 324$ million in August 1990) must be added to arrive at American exports to Canada (published by the United States Bureau of the Census), which are valued at the port of exit. Likewise, various adjustments are made to American imports from Canada (published by the United States) to arrive at Canadian exports to the United States (as published by Statistics Canada), including the subtraction of American goods returned to measure Canadian domestic exports and the addition of Canadian re-exports to the United States to arrive at total exports.

Lastly, data published in the United States Bu reau of the Census release FT- 900 concerning Canada are on a raw, customs basis (in American dollars), whereas data published in this issue are on a seasonally adjusted, BOP basis (in Canadian dollars). These last two adjustments added $\$ 279$ million and $\$ 46$ million respectively to Canada's trade balance in August. The effect of these adjustments impacts greatly on the trade balance of each country with respect to its partner, as shown in the table following.

The Bureau of Economic Analysis in the U.S. publishes trade data on a Balance of Payments, seasonally adjusted basis, quarterly. Data for the third quarter will be released on November 27, 1990.

Merchandise Trade Balance Between Canada and the Unlted States


1. The reconciliation of U.S.-Canada trade statistics 1970 , U.S. Department of Commerce, Bureau of the Census, and Statistics Canada, 1973.

Canada/U.S. Reconciliation of Data - August 1990

|  |  | Cdn exports/ <br>  <br>  <br>  <br>  <br>  <br> U.S. imports | Cdn imports/ <br> U.S. exports |
| :--- | ---: | ---: | ---: |
| U.S. Published - Customs basis |  |  | Balance |
| Exchange rate | $7,158.2$ | $6,648.3$ | -509.9 |
|  | 1.1444 | 0.8735 |  |
| Canadian re-exports of goods of foreign origin to U.S. | 536.9 |  |  |
| U.S. imports of goods of Canadian origin from |  |  |  |
| $\quad$ other countries | -8.192 .1 | $7,608.1$ |  |
| Re-exports of U.S. goods returned | -353.1 |  |  |
| U.S. Inland Freight |  |  |  |
| Canadian - Customs basis * | $8,375.9$ | $7,284.3$ |  |
| BOP Adjustments | 44.3 | -1.3 | $1,092.1$ |
| Seasonal Adjustment | 546.8 | 268.3 | 45.6 |
| Canadian Published | $8,967.0$ | $7,550.8$ | $1,416.2$ |

* Exports data on a Customs basis excludes freight. Imports data on a Customs basis is on a country of consignment basis.


Table 3
Exports by Commodity Groupings
September 1990
Balance of Payments Basis

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | Aug. | Sept. | Year-to-date |  | Percentage change |  |  |
|  |  |  |  | Value | $\begin{gathered} \% \\ \text { change } \end{gathered}$ | $\begin{aligned} & \text { Sept.'90 } \\ & \text { Sept. } 89 \end{aligned}$ | $\begin{aligned} & \text { Sept.' }{ }^{\prime} 89 / \\ & \text { Sept. } 88 \end{aligned}$ | $\begin{aligned} & \text { Sept.'88/ } \\ & \text { Sept.'87 } \end{aligned}$ |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 972 | 1,002 | 956 | 9,887 | 13.1 | -3.8 | -12.4 | 5.4 |
| Wheat | 202 | 261 | 211 | 2,797 | 53.7 | -17.8 | -28.9 | 46.1 |
| Other agricultural and fishing products | 770 | 741 | 745 | 7,091 | 2.5 | 0.7 | -5.2 | -6.0 |
| ENERGY PRODUCTS | 1,027 | 1,055 | 1,649 | 10,073 | 8.4 | 51.8 | 15.5 | -7.1 |
| Crude petroleum* | 349 | 327 | 679 | 3,650 | 8.9 | 69.8 | 35.5 | -29.1 |
| Natural gas | 287 | 286 | 309 | 2,468 | 9.1 | 13.5 | 9.5 | 16.9 |
| Other energy products | 391 | 442 | 661 | 3,954 | 7.4 | 57.0 | 2.4 | 7.3 |
| FORESTRY PRODUCTS | 1,686 | 1,632 | 1,651 | 15,750 | -6.4 | -13.4 | 5.4 | -6.7 |
| Lumber and sawmill products | 541 | 497 | 502 | 4,969 | -4.5 | -15.4 | 15.7 | -30.7 |
| Woodpulp and other wood products | 443 | 457 | 485 | 4,510 | -13.2 | -20.5 | 10.5 | 17.1 |
| Newsprint and other paper and paperboard | 702 | 679 | 665 | 6,271 | -2.3 | -5.4 | -5.7 | 3.0 |
| INDUSTRIAL GOODS AND MATERIALS | 2,390 | 2,594 | 2,580 | 22,377 | -8.0 | -3.7 | 3.5 | 22.7 |
| Metal ores | 392 | 476 | 515 | 4,036 | -6.2 | 8.8 | -0.7 | 44.1 |
| Chemicals, plastics and fertilizers | 525 | 599 | 529 | 5,194 | -2.1 | -0.4 | -16.5 | 23.9 |
| Metals and alloys | 991 | 1,064 | 1,057 | 8,933 | -15.6 | -11.8 | 24.1 | 16.0 |
| Other industrial goods and materials | 482 | 455 | 478 | 4,214 | 1.8 | -0.4 | -6.4 | 16.6 |
| MACHINERY AND EQUIPMENT | 2,419 | 2.362 | 2,174 | 21,630 | 16.1 | 4.3 | 3.5 | 9.4 |
| Industrial and agricultural machinery | 485 | 478 | 421 | 4,484 | 9.1 | -5.7 | 4.3 | 1.0 |
| Aircraft and other transporation equipment | 609 | 488 | 492 | 4,817 | 18.2 | 6.9 | 7.0 | 13.4 |
| Other machinery and equipment | 1,325 | 1,396 | 1,261 | 12,329 | 18.1 | 7.0 | 1.9 | 11.4 |
| AUTOMOTIVE PRODUCTS | 3,482 | 2,784 | 2.789 | 26,092 | -0.2 | -0.5 | -4.2 | 11.4 |
| Passenger autos and chassis | 1,822 | 1,234 | 1,260 | 12,295 | 5.1 | -3.1 | -10.4 | 29.7 |
| Trucks and other motor vehicles | 862 | 684 | 709 | 6,344 | 3.0 | 6.0 | 0.4 | 5.3 |
| Motor vehicle parts | 798 | 866 | 821 | 7.453 | -10.0 | -1.9 | 2.5 | -6.7 |
| OTHER CONSUMER GOODS | 222 | 243 | 236 | 2,096 | 5.4 | 13.5 | -18.9 | 2.7 |
| SPECIAL TRANSACTIONS TRADE* | 251 | 176 | 236 | 2,176 | 96.6 | 81.7 | 29.5 | 90.6 |
| UNALLOCATED ADJUSTMENTS* | -34 | -34 | -34 | -371 | -24.6 | -38.4 | -137.3 | 2.1 |
| TOTAL | 12,415 | 11,813 | 12,238 | 109,711 | 3.0 | 3.1 | -0.8 | 7.9 |

* Raw series

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

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | Aug. | Sept. | Year-10-date |  | Percentage change |  |  |
|  |  |  |  | Value | $\begin{gathered} \% \\ \text { change } \end{gathered}$ | $\begin{aligned} & \text { Sept.'90/ } \\ & \text { Sept.'89 } \end{aligned}$ | $\begin{aligned} & \text { Sept. } \quad 89 / 1 \\ & \text { Sept.'88 } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sept.'88/ } \\ & \text { Sept.'87 } \end{aligned}$ |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 754 | 729 | 719 | 6,540 | 6.5 | -0.7 | 8.3 | 7.1 |
| Fruits and vegetables | 249 | 247 | 242 | 2,177 | 6.6 | 6.0 | -2.9 | 19.3 |
| Other agricultural and fishing products | 505 | 482 | 476 | 4,363 | 6.4 | -3.2 | 13.0 | 2.7 |
| ENERGY PRODUCTS | 442 | 639 | 686 | 5,275 | 12.2 | 39.3 | 10.7 | -15.5 |
| Crude petroleum | 258 | 404 | 521 | 3,356 | 21.0 | 77.7 | 17.6 | -17.5 |
| Other energy products | 183 | 235 | 165 | 1,918 | -0.5 | -14.4 | 2.2 | -12.9 |
| FORESTRY PRODUCTS | 122 | 99 | 93 | 1,039 | 2.4 | -21.2 | 15.1 | -12.0 |
| INDUSTRIAL GOODS AND MATERIALS | 2,173 | 2,173 | 2,187 | 19.653 | -1.1 | -2.5 | 3.6 | 12.7 |
| Metals and metal ores | 492 | 625 | 630 | 5,216 | -9.2 | -2.5 | 6.0 | 2.7 |
| Chemicals and plastics | 737 | 669 | 706 | 6,243 | 2.0 | 2.0 | 1.1 | 19.1 |
| Other industrial goods and materials | 944 | 878 | 851 | 8,194 | 2.4 | -5.8 | 3.7 | 16.6 |
| MACHINERY AND EQUIPMENT | 3,620 | 3,345 | 3,312 | 32,332 | 0.1 | -8.6 | 1.3 | 25.0 |
| Industrial and agricultural machinery | 1,070 | 961 | 952 | 9,580 | -5.8 | -18.8 | 2.6 | 14.4 |
| Aircraft and other transportation equipment | 359 | 396 | 342 | 3,694 | -12.4 | -3.2 | -27.5 | 51.2 |
| Office machines and equipment | 569 | 497 | 509 | 4,754 | 1.1 | -8.7 | 2.4 | 14.0 |
| Other machinery and equipment | 1,621 | 1,490 | 1,509 | 14,303 | 8.2 | -2.8 | 9.8 | 31.2 |
| AUTOMOTIVEPRODUCTS | 2.698 | 2.674 | 2.292 | 23,354 | -3.2 | -14.2 | -5.2 | 7.5 |
| Passenger autos and chassis | 786 | 1,064 | 780 | 8,345 | -6.0 | -18.2 | -6.8 | -5.3 |
| Trucks and other motor vehicles | 270 | 284 | 257 | 2,646 | 0.7 | -13.6 | 8.0 | -10.4 |
| Motor vehicle parts | 1,641 | 1,327 | 1,256 | 12,362 | -2.0 | -11.5 | -6.7 | 24.2 |
| OTHER CONSUMER GOODS | 1,412 | 1,290 | 1,299 | 11,861 | 5.9 | -1.6 | 7.9 | 10.8 |
| Apparel and footwear | 342 | 291 | 292 | 2,836 | 10.6 | -7.1 | 21.3 | -11.6 |
| Miscellaneous consumer goods | 1,070 | 999 | 1,006 | 9,025 | 4.5 | -0.0 | 4.6 | 18.0 |
| SPECIAL TRANSACTIONS TRADE* | 222 | 262 | 243 | 2,150 | 1.3 | -5.4 | 21.4 | 19.8 |
| UNALLOCATED ADJUSTMENTS* | -72 | . 76 | -68 | -689 | -3.4 | -12.4 | 0.9 | 21.4 |
| TOTAL | 11,370 | 11,135 | 10,762 | 101,515 | 0.7 | -5.3 | 2.1 | 12.3 |

[^1]Table 5
Merchandise Trade of Canada
Constant Dollars, Laspeyres Price Indexes and Terms of Trade
September 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 | Terms of Trade(3) | Exports | Imports | Terms of Trade(3) |
|  | \$ millions |  | \% |  |  |  |  | \% |  |  |
| 1986 | 120,317 | 110,374 | $\ldots$ | $\ldots$ | 100.0 | 100.0 | 100.0 | ..' | $\ldots$ | $\ldots$ |
| 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 | 0.4 | 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 |
| Third quarter | 34,003 | 33,280 | -2.7 | 0.7 | 103.4 | 97.0 | 106.6 | 1.5 | 0.1 | 1.4 |
| Fourth quarter | 34,217 | 34,176 | 0.6 | 2.7 | 104.3 | 97.6 | 106.9 | 0.9 | 0.7 | 0.3 |
| 1989 ( 10.9 |  |  |  |  |  |  |  |  |  |  |
| 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 |
| Third 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 |  |  |  |  |  |  |  |  |  |  |
| First quarter | 35,056 | 34,875 | 2.1 | -1.4 | 104.4 | 99.5 | 104.9 | -0.6 | 1.9 | -1.4 |
| Second quarter | 37,188 | 35,619 | 6.1 | 2.1 | 103.4 | 98.5 | 105.0 | -1.0 | -1.0 | 0.1 |
| Third quarter | 36,228 | 34,431 | -2.6 | -3.3 | 102.9 | 98.7 | 104.3 | -0.5 | 0.2 | -0.7 |
| 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 | 11,388 | 11,565 | -1.1 | -1.1 | 103.8 | 98.7 | 105.2 | 0.2 | 1.5 | -1.3 |
| February | 11,384 | 11,674 | 0.0 | 0.9 | 105.7 | 100.5 | 105.2 | 1.9 | 1.9 | 0.0 |
| March | 12,284 | 11,637 | 7.9 | -0.3 | 104.1 | 99.4 | 104.7 | -1.5 | -1.1 | -0.4 |
| April | 12,306 | 12,095 | 0.2 | 3.9 | 103.5 | 98.5 | 105.1 | -0.5 | -0.9 | 0.3 |
| May | 11,992 | 12,016 | -2.5 | -0.7 | 103.8 | 98.8 | 105.1 | 0.3 | 0.2 | -0.0 |
| June | 12,890 | 11,508 | 7.5 | -4.2 | 102.8 | 98.4 | 104.5 | -1.0 | -0.3 | -0.6 |
| July | 12,520 | 11,919 | -2.9 | 3.6 | 101.6 | 97.8 | 103.9 | -1.2 | -0.7 | -0.6 |
| August | 11,877 | 11,550 | -5.1 | -3.1 | 101.1 | 98.1 | 103.1 | -0.4 | 0.4 | -0.8 |
| September | 11,830 | 10,962 | -0.4 | -5.1 | 105.7 | 100.5 | 105.2 | 4.6 | 2.4 | 2.1 |
| Year-to-date |  |  |  |  |  |  |  |  |  |  |
| 1989 | 103,157 | 104,259 | 1.0 | 5.2 |  |  |  |  |  |  |
| 1990 | 108,471 | 104,926 | 5.2 | 0.6 |  |  |  |  |  |  |

(1) The Paasche 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 to annual data.
... figures not appropriate.

Table 6
Exports by Commodity Groupings in 1986 Dollars
September 1990
Balance of Payments Basis

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Year-to-date |  | Percentage change |  |  |
|  | July | Aug. | Sept. | Value | $\begin{gathered} \% \\ \text { change } \end{gathered}$ | $\begin{gathered} \text { Sept.'90/ } \\ \text { Sept.'89 } \end{gathered}$ | ept.'89/ | Sepl.'88/ <br> Sepr.'87 |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 940 | 1,031 | 958 | 9,500 | 19.0 | 2.5 | -4.2 | -14.7 |
| Wheat | 202 | 297 | 224 | 2,614 | 88.4 | 7.8 | -21.7 | -16.3 |
| Other agricultural and fishing products | 738 | 734 | 734 | 6,885 | 4.4 | 1.0 | 1.9 | -14.1 |
| ENERGY PRODUCTS | 1,270 | 1,264 | 1,465 | 11,037 | 2.1 | 16.2 | 5.4 | 19.0 |
| Crude petroleum* | 363 | 360 | 365 | 3,136 | -1.5 | 0.1 | 2.7 | 9.3 |
| Natural gas | 455 | 444 | 480 | 3,732 | 10.1 | 15.8 | 16.8 | 29.5 |
| Other energy products | 452 | 459 | 620 | 4,170 | -1.6 | 30.3 | -0.9 | 20.6 |
| FORESTRY PRODUCTS | 1,539 | 1,518 | 1,506 | 14,236 | -1.5 | -8.3 | 4.2 | -9.5 |
| Lumber and sawmill products | 555 | 525 | 527 | 5,061 | -3.9 | -12.9 | 14.3 | -21.3 |
| Woodpulp and other wood products | 302 | 317 | 337 | 2,991 | -6.5 | -9.1 | 1.5 | -3.9 |
| Newsprint and other paper and paperboard | 682 | 675 | 642 | 6,184 | 3.4 | -3.7 | -2.3 | -1.0 |
| NDUSTRIAL GOODS AND MATERIALS | 2,357 | 2,458 | 2,459 | 21,686 | -0.8 | -5.7 | 11.5 | 14.3 |
| Metal ores | 356 | 410 | 441 | 3,492 | -2.8 | 6.3 | -2.8 | 28.0 |
| Chemicals, plastics and fertilizers | 503 | 606 | 546 | 5,264 | 3.1 | -7.3 | -4.0 | 21.6 |
| Metals and alloys | 997 | 978 | 980 | 8,505 | -4.0 | -10.1 | 44.5 | 1.6 |
| Other industrial goods and materials | 501 | 464 | 492 | 4,426 | 2.7 | -4.5 | -5.8 | 16.6 |
| MACHINERY AND EQUIPMENT | 2,322 | 2,276 | 2,104 | 20,838 | 15.0 | 3.7 | 1.0 | 9.7 |
| Industrial and agricultural machinery | 425 | 421 | 366 | 3,918 | 5.5 | -7.6 | -0.9 | -0.3 |
| Aircraft and other transpornation equipment | 546 | 432 | 441 | 4,290 | 16.1 | 6.7 | 2.0 | 8.8 |
| Other machinery and equipment | 1,351 | 1.423 | 1,297 | 12,629 | 17.9 | 6.4 | 1.4 | 13.8 |
| AUTOMOTIVE PRODUCTS | 3.676 | 2,976 | 2,934 | 27,570 | 0.0 | -1.1 | -3.1 | 16.8 |
| Passenger autos and chassis | 1.942 | 1.359 | 1,343 | 13,256 | 6.0 | -3.8 | -9.4 | 38.0 |
| Trucks and other motor vehicles | 922 | 730 | 757 | 6,754 | 2.4 | 5.2 | 2.3 | 11.6 |
| Motor vehicle parts | 812 | 886 | 834 | 7,559 | -10.6 | -2.3 | 3.6 | -5.6 |
| OTHER CONSUMER GOODS | 197 | 212 | 207 | 1,821 | 2.9 | 13.3 | -22.9 | 0.1 |
| SPECIAL TRANSACTIONS TRADE* | 253 | 177 | 229 | 2,151 | 100.7 | 78.0 | 27.3 | 89.6 |
| UNALLOCATED ADJUSTMENTS* | -34 | -34 | -32 | -367 | -23.1 | -39.6 | -136.7 | 1.6 |
| TOTAL | 12,520 | 11,877 | 11,830 | 108,471 | 5.2 | 1.0 | 0.4 | 7.5 |

* Raw series


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

|  | Seasonally adjusted |  |  |  |  | Raw values |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | July | Aug. | Sept. | Year-to-date |  | Percentage change |  |  |
|  |  |  |  | Value | $\begin{gathered} \% \\ \text { change } \end{gathered}$ | $\begin{aligned} & \text { Sept.'90 } \\ & \text { Sep. }{ }^{\prime} 8 \end{aligned}$ | $\begin{aligned} & \text { epp.' } 89 / \\ & \text { Sept. } 88 \end{aligned}$ | $\begin{aligned} & \hline \text { Sept.' } 88 / \\ & \text { Sept.' } 87 \end{aligned}$ |
| \$ millions |  |  |  |  |  |  |  |  |
| AGRICULTURAL AND FISHING PRODUCTS | 747 | 732 | 720 | 6,670 | 7.6 | -2.2 | 13.7 | 1.3 |
| Fruits and vegetables | 237 | 233 | 229 | 2,115 | 7.1 | 1.4 | 9.9 | 1.7 |
| Other agricultural and fishing products | 510 | 499 | 491 | 4,555 | 7.8 | -3.5 | 15.2 | 1.2 |
| ENERGY PRODUCTS | 513 | 626 | 544 | 5,304 | 4.4 | 3.8 | -0.8 | 6.5 |
| Crude petroleum | 304 | 360 | 340 | 3,089 | 9.8 | 11.4 | -0.9 | 14.6 |
| Other energy products | 208 | 266 | 204 | 2,215 | -2.3 | -5.8 | -0.7 | -2.3 |
| FORESTRY PRODUCTS | 111 | 96 | 91 | 945 | 8.4 | -13.2 | 19.6 | -21.3 |
| INDUSTRIAL GOODS AND MATERIALS | 2,146 | 2,201 | 2,183 | 19,371 | 0.8 | -2.7 | 6.4 | 9.9 |
| Metals and metal ores | 461 | 626 | 592 | 4,924 | -4.7 | -5.1 | 10.6 | -2.0 |
| Chemicals and plastics | 761 | 709 | 751 | 6,479 | 7.9 | 9.9 | 1.2 | 14.9 |
| Other industrial goods and materials | 923 | 866 | 840 | 7,968 | -1.0 | -9.7 | 7.4 | 15.9 |
| MACHINERY AND EQUIPMENT | 4,070 | 3,760 | 3,695 | 35,920 | 1.4 | -8.1 | 3.5 | 27.7 |
| Industrial and agricultural machinery | 1,135 | 1,025 | 1,008 | 10,117 | -7.0 | -19.4 | 1.9 | 17.7 |
| Aircraft and other transportation equipment | 371 | 404 | 349 | 3,812 | -12.6 | -6.0 | -26.3 | 49.9 |
| Office machines and equipment | 929 | 819 | 847 | 7,598 | 12.8 | 2.9 | 13.1 | 20.7 |
| Other machinery and equipment | 1,635 | 1,512 | 1,491 | 14,394 | 7.2 | -5.8 | 10.4 | 33.5 |
| AUTOMOTIVE PRODUCTS | 2,793 | 2,666 | 2,304 | 23,632 | -4.8 | -16.8 | -6.8 | 12.2 |
| Passenger autos and chassis | 701 | 894 | 666 | 7,373 | -9.2 | -23.7 | -13.6 | -3.1 |
| Trucks and other motor vehicles | 289 | 307 | 273 | 2,846 | -1.1 | -16.3 | 7.0 | -5.1 |
| Motor vehicle parts | 1,803 | 1,465 | 1,365 | 13,413 | -3.1 | -12.8 | -5.0 | 30.8 |
| OTHER CONSUMER GOODS | 1,384 | 1.276 | 1,247 | 11,573 | 4.1 | -4.0 | 7.2 | 11.3 |
| Apparel and footwear | 262 | 220 | 219 | 2,171 | 0.2 | -12.8 | 15.3 | -20.6 |
| Miscellaneous consumer goods | 1,122 | 1,057 | 1,028 | 9,402 | 5.0 | -2.3 | 5.8 | 19.8 |
| SPECIAL TRANSACTIONS TRADE* | 232 | 271 | 247 | 2,223 | -3.0 | -12.4 | 23.9 | 21.9 |
| UNALLOCATED ADJUSTMENTS* | -75 | -79 | -69 | -712 | -7.3 | -18.9 | 2.9 | 23.4 |
| TOTAL | 11,919 | 11,550 | 10,962 | 104,926 | 0.6 | -7.9 | 2.6 | 15.0 |

* Raw series


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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.

[^1]:    * Raw series

