# INTERNATIONAL TRADE IN GOODS AND SERVICES 

AUSTRALIA

## Balance on goods and services



## SEPTEMBER KEY FIGURES

|  | $\begin{aligned} & \text { Jul } 2002 \\ & \$ m \end{aligned}$ | $\begin{aligned} & \text { Aug } 2002 \\ & \$ m \end{aligned}$ | $\begin{aligned} & \text { Sep } 2002 \\ & \$ m \end{aligned}$ | Aug 2002 to <br> Sep 2002 <br> \% change |
| :---: | :---: | :---: | :---: | :---: |
| Balance on goods \& services | -829 | - 882 | -932 |  |
| Credits (exports of goods \& services) | 12531 | 12537 | 12542 | 0 |
| Debits (imports of goods \& services) | 13360 | 13419 | 13474 | 0 |
| SEASONALLY ADJUSTED |  |  |  | Aug 2002 to |
|  | Jul 2002 | Aug 2002 | Sep 2002 | Sep 2002 |
|  | \$m | \$m | \$m | \% change |
| Balance on goods \& services | - 717 | -831 | -948 |  |
| Credits (exports of goods \& services) | 12620 | 12737 | 12434 | -2 |
| Debits (imports of goods \& services) | 13337 | 13568 | 13382 | -1 |

## SEPTEMBER KEY POINTS

## TREND ESTIMATES

- The provisional trend estimate of the balance on goods and services was a deficit of $\$ 932 \mathrm{~m}$ in September, an increase of $\$ 50 \mathrm{~m}$ on the deficit in August.
- Goods and services credits rose $\$ 5 \mathrm{~m}$ to $\$ 12,542 \mathrm{~m}$, while goods and services debits rose $\$ 55 \mathrm{~m}$ to $\$ 13,474 \mathrm{~m}$.


## SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, the balance on goods and services was a deficit of $\$ 948 \mathrm{~m}$, an increase of $\$ 117 \mathrm{~m}$ on the deficit in August.
- Goods and services credits fell $\$ 303 \mathrm{~m}(2 \%)$, with a decrease in goods credits of $\$ 275 \mathrm{~m}(3 \%)$ and a decrease in services credits of $\$ 28 \mathrm{~m}(1 \%)$. Rural goods fell $\$ 135 \mathrm{~m}$ (6\%) while non-rural and other goods decreased $\$ 140 \mathrm{~m}(2 \%)$.
- Goods and services debits fell $\$ 186 \mathrm{~m}(1 \%)$ with goods debits down $\$ 177 \mathrm{~m}(2 \%)$ and services debits down $\$ 9 \mathrm{~m}$. The decrease in goods debits was driven by the fall in imports of intermediate and other goods, down $\$ 298 \mathrm{~m}$ (6\%).


## ORIGINAL ESTIMATES

- In original terms, the September balance on goods and services was a deficit of $\$ 1,673 \mathrm{~m}$, an increase of $\$ 557 \mathrm{~m}$ on the deficit in August.


## N O TES

FORTHCOMING ISSUES

CHANGES IN THIS ISSUE

CHANGES TO FORTHCOMING ISSUES

SYMBOLS AND OTHER USAGES

ISSUE
October 2002
November 2002
December 2002
January 2003
February 2003
March 2003

EXPECTED RELEASE DATE
2 December 2002
10 January 2003
31 January 2003
4 March 2003
1 April 2003
2 May 2003

## Revisions

In original terms, revisions since the previous issue have:

- increased the deficit on goods and services for 2001-2002 by $\$ 330 \mathrm{~m}$; and
- decreased the deficit on goods and services for the two months to August 2002 by $\$ 125 \mathrm{~m}$.

The major factors contributing to the revisions to the year to date estimate of the balance on goods and services are:

- incorporation of the latest available data on merchandise imports and exports; and
- incorporation of the latest available services data from administrative sources and the quarterly Survey of International Trade in Services.


## Feature Articles

Feature articles on Australia's international trade in goods and services by partner country, and international trade in services by state, for financial year 2001-2002 will be released on the ABS web site [http://www.abs.gov.au](http://www.abs.gov.au) on 30 October 2002. Comparable data for calendar year 2001 was released on 14 October 2002.

To access these articles on the web site
select Themes then International Trade then Topics of Interest.

## Seasonal factors

Seasonally adjusted and trend estimates of the balance on goods and services will be revised in the next issue of this publication as a result of the annual seasonal re-analysis. These revised forward seasonal factors will be re-issued (free of charge to existing subscribers) in mid November 2002. The factors will cover the period from October 2002 to September 2003.

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## ANALYSIS AND COMMENTS

EXPORTS OF GOODS AND SERVICES

The trend estimate of the balance on goods and services was a deficit of $\$ 932 \mathrm{~m}$ in September, up $\$ 50 \mathrm{~m}$ on the deficit in August.

In seasonally adjusted terms, the balance on goods and services was a deficit of $\$ 948 \mathrm{~m}$, an increase of $\$ 117 \mathrm{~m}$ on the deficit in August.

The sum of the preliminary seasonally adjusted balances for the three months to September 2002 is a deficit of $\$ 2,496 \mathrm{~m}$, up $\$ 251 \mathrm{~m}$ on the deficit for the three months to June 2002. However, if the more detailed seasonal factors used to compile the quarterly Balance of Payments time series are applied, the September quarter 2002 deficit is $\$ 2,610 \mathrm{~m}$, up $\$ 254 \mathrm{~m}$ on the deficit for June quarter 2002.

The trend estimate of goods and services credits rose $\$ 5 \mathrm{~m}$ in September to $\$ 12,542 \mathrm{~m}$.
In seasonally adjusted terms, goods and services credits decreased $\$ 303 \mathrm{~m}$ in September to $\$ 12,434 \mathrm{~m}$. Rural goods were down $\$ 135 \mathrm{~m}(6 \%)$ and non-rural and other goods fell $\$ 140 \mathrm{~m}(2 \%)$. Services credits decreased $\$ 28 \mathrm{~m}$ (1\%).

GOODS CREDITS

- Trend
- Seas adj.


## SERVICES CREDITS


(a) Trend estimates exclude the impact of the Olympics in September and October 2000

RURAL GOODS The trend estimate of rural goods fell $\$ 15 \mathrm{~m}$ to $\$ 2,315 \mathrm{~m}$. In seasonally adjusted terms, rural goods decreased $\$ 135 \mathrm{~m}$ (6\%).

Rural goods, in original terms, decreased $\$ 175$ million (7\%) to $\$ 2,180 \mathrm{~m}$. The major contributors to this decrease were:

- cereal and cereal preparations, down $\$ 71 \mathrm{~m}(16 \%)$ to $\$ 382 \mathrm{~m}$ as exports of wheat fell $\$ 75 \mathrm{~m}$ on account of a $25 \%$ decrease in volumes shipped; and
- other rural goods, down $\$ 137 \mathrm{~m}(12 \%)$, due largely to a $\$ 113 \mathrm{~m}$ fall in the volume of fish, crustaceans and molluscs exported as the tuna season wound down. Decreases also occurred in exports of wood, down $\$ 24 \mathrm{~m}(45 \%)$, and vegetables and fruit, down $\$ 24 \mathrm{~m}$ ( $16 \%$ ).
These decreases were partly offset by an increase in exports of wool and sheepskins; up $\$ 43 \mathrm{~m}(16 \%)$ to $\$ 311 \mathrm{~m}$. Exports of greasy wool rose $\$ 36 \mathrm{~m}$ ( $23 \%$ ), with volumes shipped up $21 \%$.


## ANALYSIS AND COMMENTS

NON-RURAL AND The trend estimate of non-rural and other goods exports rose $\$ 13 \mathrm{~m}$ to $\$ 7,643 \mathrm{~m}$. OTHER GOODS Seasonally adjusted, non-rural goods and other goods fell $\$ 140 \mathrm{~m}$ to $\$ 7,609 \mathrm{~m}$.

In original terms, non-rural and other goods declined $\$ 213 \mathrm{~m}$ to $\$ 7,803 \mathrm{~m}$. The most significant contributors to the decrease were:

- transport equipment, down $\$ 77 \mathrm{~m}(14 \%)$ to $\$ 476 \mathrm{~m}$, with other transport equipment falling $\$ 173 \mathrm{~m}$ on a high August result. This was partly offset by a $\$ 99 \mathrm{~m}(34 \%)$ rise in the exports of new road vehicles (predominantly of small engine capacity);
- metals (excluding gold), down $\$ 75 \mathrm{~m}(9 \%)$ to $\$ 727 \mathrm{~m}$. Exports of non-ferrous metals decreased $\$ 85 \mathrm{~m}$ due largely to falls in exports of unwrought, unalloyed and unrefined zinc, lead and aluminium; and
- coal, coke and briquettes, down $\$ 60 \mathrm{~m}(6 \%)$ to $\$ 1,024 \mathrm{~m}$. This was largely due to decreases in the volumes of semi-soft coking and high ranking metallurgical coal shipped; down $\$ 45 \mathrm{~m}$ (19\%) and $\$ 16 \mathrm{~m}$ (4\%) respectively.

Partially offsetting were increases in exports of other manufactures, up $\$ 131 \mathrm{~m}(12 \%)$ to $\$ 1,254 \mathrm{~m}$. The most significant increase occurred in non-metallic mineral manufactures, up $\$ 68 \mathrm{~m}(102 \%)$, reflecting increased volumes of pearl exports.

IMPORTS OF GOODS AND SERVICES

The trend estimate of goods and services debits increased $\$ 55 \mathrm{~m}$ to $\$ 13,474 \mathrm{~m}$.
In seasonally adjusted terms, goods and services debits fell $\$ 186 \mathrm{~m}(1 \%)$ to $\$ 13,382 \mathrm{~m}$. Goods debits decreased $\$ 177 \mathrm{~m}(2 \%)$, while services debits fell $\$ 9 \mathrm{~m}$.

GOODS DEBITS

(a) A trend break of $\$ 500 \mathrm{~m}$ has been applied to May 2000

## SERVICES DEBITS



## ANALYSIS AND COMMENTS

## CONSUMPTION GOODS The trend estimate of imports of consumption goods increased $\$ 38 \mathrm{~m}$ to $\$ 3,406 \mathrm{~m}$.

In seasonally adjusted terms, imports of consumption goods rose $\$ 158 \mathrm{~m}$ (5\%) to $\$ 3,494 \mathrm{~m}$.

Consumption goods, in original terms, rose $\$ 102 \mathrm{~m}(3 \%)$ to $\$ 3,703 \mathrm{~m}$.
Increases occurred in five of the six categories, most significantly in:

- non-industrial transport equipment, up $\$ 108 \mathrm{~m}$ (12\%), due to increased imports of passenger motor cars, up $\$ 108 \mathrm{~m}$ ( $13 \%$ );
- consumption goods n.e.s., up $\$ 46 \mathrm{~m}$ (4\%), mainly due to increased imports of medicaments, up $\$ 20 \mathrm{~m}$ (6\%); and
- household electrical, up $\$ 20 \mathrm{~m}(6 \%)$.

Offsetting these increases were falls in imports of textiles, clothing and footwear, down $\$ 87 \mathrm{~m}(17 \%)$, largely due to a fall in imports of articles of apparel, down $\$ 59 \mathrm{~m}(20 \%)$.

CAPITAL GOODS The trend estimate of imports of capital goods fell $\$ 9 \mathrm{~m}$ to $\$ 2,445 \mathrm{~m}$. Seasonally adjusted, capital goods imports decreased $\$ 37 \mathrm{~m}(2 \%)$ to $\$ 2,334 \mathrm{~m}$.

Imports of capital goods, in original terms, rose $\$ 15 \mathrm{~m}(1 \%)$ to $\$ 2,444 \mathrm{~m}$. Increases occurred in four out of six categories, the largest being:

- civil aircraft, up $\$ 148 \mathrm{~m}$ with no imports in the previous month;
- industrial transport equipment, up $\$ 37 \mathrm{~m}(12 \%)$; and
- ADP equipment, up $\$ 27 \mathrm{~m}$ ( $7 \%$ ).

These increases were largely offset by decreases in imports of machinery and industrial equipment, down $\$ 194 \mathrm{~m}$ ( $18 \%$ ), mainly due to decreased imports of other machinery and industrial equipment, down $\$ 124 \mathrm{~m}$ (22\%).

## INTERMEDIATE AND

 OTHER GOODSThe trend estimate of imports of intermediate and other goods increased $\$ 32 \mathrm{~m}$ to $\$ 4,917 \mathrm{~m}$. In seasonally adjusted terms, intermediate and other goods imports fell $\$ 298 \mathrm{~m}$ (6\%) to $\$ 4,864 \mathrm{~m}$.

Imports of intermediate and other goods, in original terms, decreased $\$ 310 \mathrm{~m}$ (6\%) to $\$ 4,838 \mathrm{~m}$. The largest decreases were in:

- fuels and lubricants, down $\$ 222 \mathrm{~m}(26 \%)$; driven by decreases in volumes (30\%) of crude petroleum, down $\$ 191 \mathrm{~m}$ (28\%); and
- other merchandise goods, down $\$ 75 \mathrm{~m}(35 \%)$, mainly due to decreased imports of other merchandise goods n.e.s., down $\$ 44 \mathrm{~m}$ ( $35 \%$ ).

Slightly offsetting these decreases were increases in imports of processed industrial supplies, up $\$ 40 \mathrm{~m}(4 \%)$, and goods for processing, up $\$ 21 \mathrm{~m}$ (7\%).

CREDITS $\qquad$ DEBITS $\qquad$

| Balance <br> on goods <br> and | Total <br> goods <br> services | and <br> services | Total <br> goods | Rural <br> goods(b) | Non-rural <br> and other <br> goods(b) | Total <br> services | Total goods <br> and services |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | | Total good |
| :---: |
| $\$ m$ |


| Con- <br> sumption <br> goods | Inter- <br> Capital <br> goods | mediate and <br> other goods | Total <br> services |
| :--- | :--- | :--- | :--- |
| $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ |

## SEASONALLY ADJUSTED

| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| July | 658 | 13108 | 10343 | 2621 | 7722 | 2765 | -12 450 | -9754 | -2 958 | -2 136 | -4 660 | -2 696 |
| August | 187 | 12898 | 10272 | 2678 | 7594 | 2626 | -12 711 | -9 975 | -3 022 | -2 077 | -4 876 | -2 736 |
| September | 323 | 13008 | 10448 | 2636 | 7812 | 2560 | -12 685 | -10 025 | -3 014 | -2 217 | -4 794 | -2660 |
| October | 143 | 12886 | 10400 | 2643 | 7757 | 2486 | -12 743 | -10 118 | -3 106 | -2 211 | -4 801 | -2 625 |
| November | - 114 | 12417 | 9978 | 2483 | 7495 | 2439 | -12 531 | -9 913 | -3 110 | -2 223 | -4 580 | -2 618 |
| December | - 358 | 12259 | 9679 | 2159 | 7520 | 2580 | -12 617 | -9995 | -2935 | -2 253 | -4807 | -2 622 |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | - 203 | 12861 | 10275 | 2386 | 7889 | 2586 | -13 064 | -10 411 | -3 176 | -2 328 | -4907 | -2653 |
| February | - 460 | 12724 | 10051 | 2485 | 7566 | 2673 | -13184 | -10 475 | -3 278 | -2 352 | -4 845 | -2 709 |
| March | - 265 | 12786 | 10169 | 2386 | 7783 | 2617 | -13 051 | -10 334 | -3 177 | -2 232 | -4 925 | -2717 |
| April | - 582 | 12451 | 9931 | 2344 | 7587 | 2520 | -13 033 | -10 330 | -3 265 | -2 293 | -4772 | -2703 |
| May | - 721 | 12568 | 9983 | 2456 | 7527 | 2585 | -13 289 | -10 560 | -3 304 | -2 532 | -4 724 | -2729 |
| June | -942 | 12333 | 9792 | 2357 | 7435 | 2541 | -13 275 | -10 536 | -3 291 | -2 403 | -4 842 | -2739 |
| July | - 717 | 12620 | 10013 | 2318 | 7695 | 2607 | -13 337 | -10 608 | -3 296 | -2644 | -4 668 | -2 729 |
| August | - 831 | 12737 | 10139 | 2390 | 7749 | 2598 | -13568 | -10 869 | -3 336 | -2 371 | -5 162 | -2 699 |
| September | -948 | 12434 | 9864 | 2255 | 7609 | 2570 | -13 382 | -10 692 | -3 494 | -2 334 | -4 864 | -2 690 |

## TREND ESTIMATES

| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| July | 467 | 13150 | 10489 | 2662 | 7827 | 2661 | -12 683 | -9 982 | -3 022 | -2 091 | -4 869 | -2 701 |
| August | 390 | 13023 | 10402 | 2645 | 7757 | 2621 | -12 633 | -9 948 | -3 019 | -2 127 | -4 802 | -2 685 |
| September | 255 | 12864 | 10291 | 2598 | 7693 | 2573 | -12 609 | -9 946 | -3 023 | -2 169 | -4754 | -2 663 |
| October | 85 | 12730 | 10191 | 2537 | 7654 | 2539 | -12 645 | -10 000 | -3 043 | -2 211 | -4 746 | -2 645 |
| November | -72 | 12643 | 10113 | 2467 | 7646 | 2530 | -12 715 | -10 078 | -3 069 | -2 242 | -4 767 | -2 637 |
| December | - 189 | 12612 | 10067 | 2409 | 7658 | 2545 | -12801 | -10 160 | -3 101 | -2 264 | -4 795 | -2 641 |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | - 286 | 12615 | 10043 | 2376 | 7667 | 2572 | -12901 | -10 244 | -3 141 | -2 280 | -4 823 | -2 657 |
| February | - 381 | 12618 | 10026 | 2370 | 7656 | 2592 | -12999 | -10 318 | -3 183 | -2 302 | -4 833 | -2 681 |
| March | -477 | 12617 | 10019 | 2382 | 7637 | 2598 | -13 094 | -10 389 | -3 222 | -2 337 | -4 830 | -2 705 |
| April | - 572 | 12599 | 10009 | 2394 | 7615 | 2590 | -13 171 | -10 451 | -3 254 | -2 380 | -4 817 | -2 720 |
| May | - 668 | 12564 | 9986 | 2391 | 7595 | 2578 | -13232 | -10 507 | -3 280 | -2 419 | -4 808 | -2 725 |
| June | - 759 | 12534 | 9961 | 2371 | 7590 | 2573 | -13 293 | -10 570 | -3 304 | -2 446 | -4 820 | -2 723 |
| July | - 829 | 12531 | 9956 | 2350 | 7606 | 2575 | -13 360 | -10 641 | -3 334 | -2 458 | -4 849 | -2 719 |
| August | -882 | 12537 | 9960 | 2330 | 7630 | 2577 | -13419 | -10 707 | -3 368 | -2 454 | -4885 | -2 712 |
| September | -932 | 12542 | 9958 | 2315 | 7643 | 2584 | -13474 | -10 768 | -3 406 | -2 445 | -4 917 | -2 706 |

(a) For sign conventions, see paragraph 8 of the Explanatory notes.
(b) For all time periods, estimates for sugar, sugar preparations and honey are included in Other non-rural

CREDITS $\qquad$ DEBITS $\qquad$

|  | Balance on goods and services | Total <br> goods <br> and services | Total goods | Rural <br> goods(b) | Non-rural and other goods(b) | Total services | Total <br> goods <br> and <br> services | Total goods | Con- <br> sumption <br> goods | Capital goods | Inter- <br> mediate and other goods | Total services |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| 1999-2000 | -14 289 | 126034 | 97665 | 23617 | 74048 | 28369 | - 140323 | - 110610 | -30 781 | -26 695 | -53 134 | -29 713 |
| 2000-2001 | 875 | 153511 | 120307 | 29061 | 91246 | 33204 | - 152636 | - 120337 | -35775 | -25 552 | -59 010 | -32 299 |
| 2001-2002 | -1921 | 152157 | 121199 | 29571 | 91628 | 30958 | - 154078 | - 121927 | -37422 | -27 151 | -57 354 | -32 151 |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |
| July | 895 | 13732 | 10612 | 2554 | 8058 | 3120 | -12 837 | -9 967 | -3 160 | -2 102 | -4 705 | -2 870 |
| August | -471 | 13004 | 10516 | 2650 | 7866 | 2488 | -13 475 | -10 683 | -3 357 | -2 273 | -5 053 | -2 792 |
| September | 328 | 12932 | 10628 | 2591 | 8037 | 2304 | -12 604 | -9 755 | -3 056 | -2 152 | -4 547 | -2 849 |
| October | -1248 | 13274 | 10835 | 2691 | 8144 | 2439 | -14 522 | -11703 | -3 749 | -2 476 | -5478 | -2 819 |
| November | - 778 | 12409 | 10057 | 2555 | 7502 | 2352 | -13 187 | -10 607 | -3 427 | -2 336 | -4 844 | -2 580 |
| December | 914 | 12786 | 10217 | 2341 | 7876 | 2569 | -11872 | -9 284 | -2 754 | -2 132 | -4 398 | -2 588 |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | - 676 | 11792 | 8897 | 2155 | 6742 | 2895 | -12 468 | -9802 | -2 801 | -2 232 | -4 769 | -2 666 |
| February | 590 | 12466 | 9293 | 2394 | 6899 | 3173 | -11876 | -9 510 | -3 057 | -1970 | -4 483 | -2 366 |
| March | 849 | 13067 | 10510 | 2553 | 7957 | 2557 | -12 218 | -9 709 | -2 900 | -2 080 | -4 729 | -2 509 |
| April | -805 | 12134 | 9744 | 2304 | 7440 | 2390 | -12939 | -10 257 | -3 171 | -2 181 | -4 905 | -2 682 |
| May | -1 032 | 12422 | 10108 | 2543 | 7565 | 2314 | -13 454 | -10 782 | -3 087 | -2 779 | -4 916 | -2 672 |
| June | -487 | 12139 | 9782 | 2240 | 7542 | 2357 | -12 626 | -9 868 | -2 903 | -2 438 | -4 527 | -2 758 |
| July | -988 | 13201 | 10246 | 2260 | 7986 | 2955 | -14 189 | -11 289 | -3673 | -2 777 | -4 839 | -2 900 |
| August | -1 116 | 12829 | 10371 | 2355 | 8016 | 2458 | -13945 | -11 178 | -3 601 | -2 429 | -5 148 | -2 767 |
| September | -1673 | 12271 | 9983 | 2180 | 7803 | 2288 | -13944 | -10 985 | -3 703 | -2 444 | -4838 | -2 959 |

FINANCIAL YEAR TO DATE

| 3 months to Sep 2001 | 752 | 39668 | 31756 | 7795 | 23961 | 7912 | -38916 | -30405 | -9573 | -6527 | -14305 | -8511 |
| :--- | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3 months to Sep 2002 | -3777 | 38301 | 30600 | 6795 | 23805 | 7701 | -42078 | -33452 | -10977 | -7650 | -14825 | -8626 |

(a) For sign conventions, see paragraph 8 of the Explanatory notes
(b) For all time periods, estimates for sugar, sugar preparations and honey are included in Other non-rural
$\qquad$

|  | Total goods | Total rural goods(a) | Meat and meat preparations | Cereal grains and cereal preparations | Sugar, sugar preparations and honey(a) | Wool and sheepskins | Other rural |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| 1999-2000 | 97665 | 23617 | 4467 | 4941 | n.p. | 2963 | 11246 |
| 2000-2001 | 120307 | 29061 | 5796 | 5834 | n.p. | 3897 | 13534 |
| 2001-2002 | 121199 | 29571 | 6245 | 5994 | n.p. | 3687 | 13645 |
| 2001 |  |  |  |  |  |  |  |
| July | 10612 | 2554 | 555 | 460 | n.p. | 290 | 1249 |
| August | 10516 | 2650 | 563 | 540 | n.p. | 313 | 1234 |
| September | 10628 | 2591 | 624 | 533 | n.p. | 316 | 1118 |
| October | 10835 | 2691 | 617 | 498 | n.p. | 365 | 1211 |
| November | 10057 | 2555 | 516 | 546 | n.p. | 328 | 1165 |
| December | 10217 | 2341 | 504 | 445 | n.p. | 278 | 1114 |
| 2002 |  |  |  |  |  |  |  |
| January | 8897 | 2155 | 298 | 666 | n.p. | 176 | 1015 |
| February | 9293 | 2394 | 450 | 523 | n.p. | 313 | 1108 |
| March | 10510 | 2553 | 562 | 431 | n.p. | 421 | 1139 |
| April | 9744 | 2304 | 495 | 503 | n.p. | 291 | 1015 |
| May | 10108 | 2543 | 550 | 439 | n.p. | 322 | 1232 |
| June | 9782 | 2240 | 511 | 410 | n.p. | 274 | 1045 |
| July | 10246 | 2260 | 495 | 362 | n.p. | 308 | 1095 |
| August | 10371 | 2355 | 477 | 453 | n.p. | 268 | 1157 |
| September | 9983 | 2180 | 467 | 382 | n.p. | 311 | 1020 |
| FINANCIAL YEAR TO DATE |  |  |  |  |  |  |  |
| 3 months to Sep 2001 | 31756 | 7795 | 1742 | 1533 | n.p. | 919 | 3601 |
| 3 months to Sep 2002 | 30600 | 6795 | 1439 | 1197 | n.p. | 887 | 3272 |

(a) For all time periods, estimates for sugar, sugar preparations and
honey are included in Other non-rural

NON-RURAL GOODS $\qquad$

| Total non-rural goods(a) | Metal ores and minerals | Coal, coke and briquettes | Other mineral fuels | Metals (excl. gold) | Machinery | Transport equipment | Other manufactures | Other non-rural(a) | Other goods(b) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |


| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999-2000 | 66493 | 11760 | 8336 | 9082 | 8810 | 7133 | 4597 | 11539 | 5236 | 7555 |
| 2000-2001 | 83836 | 15205 | 10844 | 13464 | 10146 | 8797 | 5041 | 13530 | 6809 | 7410 |
| 2001-2002 | 84009 | 14763 | 13429 | 10970 | 9650 | 7998 | 5753 | 13789 | 7657 | 7619 |
| 2001 |  |  |  |  |  |  |  |  |  |  |
| July | 7454 | 1413 | 1135 | 1101 | 933 | 681 | 390 | 1178 | 623 | 604 |
| August | 7261 | 1263 | 1106 | 1006 | 784 | 730 | 443 | 1193 | 736 | 605 |
| September | 7395 | 1228 | 1228 | 1079 | 848 | 638 | 463 | 1246 | 665 | 642 |
| October | 7467 | 1351 | 1165 | 917 | 830 | 700 | 614 | 1165 | 725 | 677 |
| November | 6823 | 1124 | 1026 | 930 | 812 | 735 | 415 | 1219 | 562 | 679 |
| December | 7370 | 1385 | 1121 | 875 | 724 | 892 | 567 | 1148 | 658 | 506 |
| 2002 |  |  |  |  |  |  |  |  |  |  |
| January | 6019 | 1034 | 1246 | 879 | 810 | 470 | 205 | 881 | 494 | 723 |
| February | 6336 | 1143 | 1080 | 765 | 757 | 575 | 430 | 1118 | 468 | 563 |
| March | 7312 | 1137 | 1159 | 805 | 893 | 682 | 742 | 1247 | 647 | 645 |
| April | 6845 | 1276 | 1087 | 855 | 755 | 590 | 492 | 1094 | 696 | 595 |
| May | 6799 | 1147 | 1027 | 860 | 805 | 684 | 401 | 1165 | 710 | 766 |
| June | 6928 | 1262 | 1049 | 898 | 699 | 621 | 591 | 1135 | 673 | 614 |
| July | 7236 | 1183 | 1014 | 1028 | 807 | 665 | 535 | 1177 | 827 | 750 |
| August | 7379 | 1220 | 1084 | 1109 | 802 | 630 | 553 | 1123 | 858 | 637 |
| September | 7282 | 1273 | 1024 | 1057 | 727 | 659 | 476 | 1254 | 812 | 521 |

FINANCIAL YEAR TO DATE

| 3 months to Sep 2001 | 22110 | 3904 | 3469 | 3186 | 2565 | 2049 | 1296 | 3617 | 2024 | 1851 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3 months to Sep 2002 | 21897 | 3676 | 3122 | 3194 | 2336 | 1954 | 1564 | 3554 | 2497 | 1908 |

[^0]CONSUMPTION GOODS $\qquad$

|  | Total goods | Total consumption goods | Food and beverages, mainly for consumption | Household electrical items | Non- <br> industrial <br> transport equipment | Textiles, clothing and footwear | Toys, books and leisure goods | Consumption goods n.e.s. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| 1999-2000 | - 110610 | -30 781 | -3 943 | -2 456 | -7 735 | -4 232 | -3 238 | -9 177 |
| 2000-2001 | - 120337 | -35775 | -4 483 | -3 000 | -9 627 | -4 811 | -3 359 | -10 495 |
| 2001-2002 | - 121927 | -37422 | -4 687 | -3 166 | -9 931 | -4 849 | -3 493 | -11296 |
| 2001 |  |  |  |  |  |  |  |  |
| July | -9 967 | -3160 | - 379 | - 232 | - 799 | - 452 | - 324 | - 974 |
| August | -10 683 | -3 357 | - 397 | - 281 | - 824 | - 503 | - 330 | -1 022 |
| September | -9 755 | -3 056 | - 376 | - 257 | - 810 | - 389 | - 330 | - 894 |
| October | -11703 | -3 749 | - 507 | - 348 | - 898 | - 420 | - 395 | -1 181 |
| November | -10 607 | -3 427 | - 460 | - 338 | -903 | - 388 | - 320 | -1 018 |
| December | -9 284 | -2 754 | - 386 | - 217 | -821 | -309 | - 218 | -803 |
| 2002 |  |  |  |  |  |  |  |  |
| January | -9 802 | -2 801 | -406 | - 186 | - 696 | - 440 | - 234 | - 839 |
| February | -9 510 | -3 057 | - 376 | - 238 | - 685 | - 528 | - 272 | -958 |
| March | -9 709 | -2 900 | - 365 | - 238 | -861 | - 371 | - 231 | - 834 |
| April | -10 257 | -3 171 | - 360 | - 286 | - 820 | - 393 | - 279 | -1 033 |
| May | -10 782 | -3 087 | - 358 | - 286 | - 908 | - 338 | - 275 | -922 |
| June | -9 868 | -2 903 | - 317 | - 259 | -906 | - 318 | - 285 | -818 |
| July | -11 289 | -3 673 | - 382 | - 314 | -1 095 | -476 | - 327 | -1 079 |
| August | -11 178 | -3 601 | - 409 | - 330 | - 893 | - 526 | - 356 | -1 087 |
| September | -10985 | -3 703 | - 419 | - 350 | -1 001 | -439 | - 361 | -1 133 |

FINANCIAL YEAR TO DATE

| 3 months to Sep 2001 | -30405 | -9573 | -1152 | -770 | -2433 | -1344 | -984 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3 months to Sep 2002 | -33452 | -10977 | -1210 | -994 | -2989 | -1441 | -1044 |

(a) For sign conventions, see paragraph 8 of the Explanatory Notes.

CAPITAL GOODS $\qquad$

|  | Machinery |  |  |  | Industrial |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total | and |  | Telecomm- |  | transport | Capital |
| capital | industrial | ADP | unications | Civil | equipment | goods |
| goods | equipment | equipment | equipment | aircraft | n.e.s. | n.e.s. |
| \$m | \$m | \$m | \$m | \$m | \$m | \$m |


| 1999-2000 | -26 695 | -8912 | -4 912 | -4150 | -1414 | -3 981 | -3 326 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000-2001 | -25 552 | -8876 | -5 260 | -4 379 | -609 | -2 753 | -3 675 |
| 2001-2002 | -27 151 | -9 506 | -5 055 | -3643 | -1513 | -3553 | -3 881 |
| 2001 |  |  |  |  |  |  |  |
| July | -2 102 | - 786 | -417 | - 302 | 0 | - 249 | - 348 |
| August | -2 273 | -915 | - 376 | - 368 | -28 | - 256 | - 330 |
| September | -2 152 | - 752 | - 366 | -475 | -3 | - 235 | - 321 |
| October | -2 476 | -976 | -422 | - 343 | -14 | -367 | - 354 |
| November | -2 336 | -874 | -436 | - 366 | -34 | - 289 | - 337 |
| December | -2 132 | - 773 | -477 | - 305 | -46 | - 228 | - 303 |
| 2002 |  |  |  |  |  |  |  |
| January | -2 232 | - 827 | - 378 | - 163 | - 354 | - 233 | - 277 |
| February | -1970 | - 654 | - 373 | - 171 | - 234 | - 249 | - 289 |
| March | -2 080 | - 713 | -457 | - 231 | - 133 | - 239 | - 307 |
| April | -2 181 | - 735 | -473 | - 228 | - 110 | - 287 | - 348 |
| May | -2 779 | - 781 | -435 | - 358 | - 231 | - 627 | - 347 |
| June | -2 438 | - 720 | - 445 | - 333 | - 326 | - 294 | - 320 |
| July | -2 777 | -916 | -450 | - 271 | -472 | - 298 | - 370 |
| August | -2 429 | -1 090 | - 393 | - 265 | 0 | - 301 | - 380 |
| September | -2 444 | -896 | - 420 | - 258 | - 148 | - 338 | - 384 |

FINANCIAL YEAR TO DATE

| 3 months to Sep 2001 | -6527 | -2453 | -1159 | -1145 | -31 | -740 |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: |
| 3 months to Sep 2002 | -7650 | -2902 | -1263 | -794 | -620 | -937 |

(a) For sign conventions, see paragraph 8 of the Explanatory Notes.

INTERMEDIATE AND OTHER MERCHANDISE GOODS $\qquad$

|  | Total intermediate and other merchandise goods | Food and beverages, mainly for industry | Primary industrial supplies n.e.s. | Fuels and lubricants | Parts for transport equipment | Parts for ADP equipment | Other parts for capital goods | Organic <br> and <br> inorganic <br> chemicals |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| 1999-2000 | -49 073 | - 731 | -1 117 | -7450 | -6874 | -1936 | -8008 | -3 572 |
| 2000-2001 | -54 652 | - 592 | -1 133 | -10 358 | -7 089 | -2 255 | -9 072 | -3 777 |
| 2001-2002 | -52 183 | - 576 | -1 117 | -8823 | -6835 | -2 159 | -8 216 | -3 448 |
| 2001 |  |  |  |  |  |  |  |  |
| July | -4 328 | -48 | -80 | - 794 | - 552 | - 193 | - 755 | - 259 |
| August | -4 606 | -50 | -88 | - 866 | - 653 | - 170 | - 715 | - 355 |
| September | -4 147 | -39 | -90 | - 810 | - 523 | - 158 | - 618 | - 296 |
| October | -4957 | -46 | - 115 | - 885 | - 694 | - 186 | - 781 | - 289 |
| November | -4 456 | -53 | - 101 | - 650 | - 550 | - 190 | - 712 | -281 |
| December | -3953 | -39 | -76 | - 690 | - 522 | - 191 | -631 | - 285 |
| 2002 |  |  |  |  |  |  |  |  |
| January | -4 419 | -56 | - 100 | - 618 | - 550 | - 177 | - 663 | - 369 |
| February | -4 028 | -51 | -73 | - 688 | - 547 | - 161 | - 619 | - 252 |
| March | -4 314 | -50 | - 107 | - 703 | - 538 | - 193 | - 650 | - 289 |
| April | -4 399 | -48 | - 106 | - 648 | - 564 | - 183 | - 690 | - 277 |
| May | -4554 | -50 | -96 | - 800 | - 584 | - 172 | - 716 | - 284 |
| June | -4 022 | -46 | -85 | - 671 | - 558 | - 185 | - 666 | - 212 |
| July | -4 408 | -62 | - 104 | - 697 | -621 | - 199 | - 718 | - 287 |
| August | -4758 | -63 | - 128 | - 847 | - 631 | - 178 | - 721 | - 237 |
| September | -4 424 | -60 | - 129 | - 625 | - 600 | - 159 | - 717 | - 239 |

financial year to date

| 3 months to Sep 2001 | -13081 | -137 | -258 | -2470 | -1728 | -521 | -2088 | -910 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3 months to Sep 2002 | -13590 | -185 | -361 | -2169 | -1852 | -536 | -2156 | -763 |

(a) For sign conventions, see paragraph 8 of the Explanatory Notes.

GOODS DEBITS(a): Original continued

INTERMEDIATE AND OTHER MERCHANDISE GOODS continued $\qquad$

|  | Paper and paperboard | Textile yarn and fabrics | Iron and steel | Plastics | Processed <br> industrial <br> supplies <br> n.e.s. | Other merchandise goods | Other goods(b) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| 1999-2000 | -2 207 | -1987 | -1509 | -2 037 | -10 772 | -873 | -4 061 |
| 2000-2001 | -2 311 | -1863 | -1437 | -2 193 | -11 252 | -1320 | -4 358 |
| 2001-2002 | -2 225 | -1830 | -1765 | -2 181 | -11443 | -1565 | -5 171 |
| 2001 |  |  |  |  |  |  |  |
| July | - 185 | - 172 | - 140 | - 186 | -874 | -90 | - 377 |
| August | - 199 | - 167 | - 149 | - 185 | -911 | -98 | - 447 |
| September | - 183 | - 145 | - 135 | - 172 | -905 | -73 | - 400 |
| October | - 221 | - 164 | - 172 | - 204 | -1 036 | - 164 | - 521 |
| November | - 206 | - 160 | - 163 | - 208 | -1 089 | -93 | - 388 |
| December | - 156 | - 117 | - 116 | - 155 | -853 | - 122 | -445 |
| 2002 |  |  |  |  |  |  |  |
| January | - 181 | - 151 | - 176 | - 194 | -1 017 | - 167 | - 350 |
| February | - 178 | - 142 | - 125 | - 157 | -913 | - 122 | - 455 |
| March | - 187 | - 133 | - 154 | - 176 | -959 | - 175 | - 415 |
| April | - 189 | - 155 | - 146 | - 183 | -1 068 | - 142 | - 506 |
| May | - 182 | - 172 | - 148 | - 193 | -1 022 | - 135 | - 362 |
| June | - 158 | - 152 | - 141 | - 168 | - 796 | - 184 | - 505 |
| July | - 183 | - 182 | - 135 | - 196 | -936 | -88 | -431 |
| August | - 205 | - 170 | - 164 | -205 | -993 | - 216 | - 390 |
| September | - 199 | - 160 | - 158 | -204 | -1 033 | - 141 | -414 |
| FINANCIAL YEAR TO DATE |  |  |  |  |  |  |  |
| 3 months to Sep 2001 | -567 | - 484 | -424 | - 543 | -2 690 | - 261 | -1224 |
| 3 months to Sep 2002 | - 587 | - 512 | -457 | - 605 | -2 962 | -445 | -1235 |

[^1]CREDITS $\qquad$ DEBITS. $\qquad$

|  | Total senvices | Freight | Other transport ation | Travel | Other senvices | Total senvices | Freight | Other transportation | Travel | Other services |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| 1999-2000 | 28369 | 1017 | 5848 | 13139 | 8365 | -29 713 | -5 257 | -4761 | -9 836 | -9 859 |
| 2000-2001 | 33204 | 1038 | 7024 | 15366 | 9776 | -32 299 | -5991 | -5 361 | -11 189 | -9758 |
| 2001-2002 | 30958 | 1001 | 6664 | 14530 | 8763 | -32 151 | -5 626 | -5 150 | -11 043 | -10 332 |
| 2001 |  |  |  |  |  |  |  |  |  |  |
| July | 3120 | 84 | 587 | 1748 | 701 | -2 870 | - 468 | - 502 | -1 088 | - 812 |
| August | 2488 | 84 | 585 | 1111 | 708 | -2 792 | - 531 | - 434 | -999 | -828 |
| September | 2304 | 84 | 564 | 949 | 707 | -2 849 | - 452 | - 484 | -1 046 | - 867 |
| October | 2439 | 93 | 536 | 1047 | 763 | -2 819 | - 554 | - 397 | -965 | -903 |
| November | 2352 | 93 | 519 | 963 | 777 | -2 580 | - 512 | - 360 | -805 | -903 |
| December | 2569 | 92 | 560 | 1154 | 763 | -2 588 | -422 | -434 | - 799 | -933 |
| 2002 |  |  |  |  |  |  |  |  |  |  |
| January | 2895 | 77 | 577 | 1531 | 710 | -2 666 | -449 | -407 | -993 | - 817 |
| February | 3173 | 77 | 571 | 1822 | 703 | -2 366 | - 430 | - 361 | - 736 | - 839 |
| March | 2557 | 76 | 591 | 1203 | 687 | -2 509 | - 466 | -413 | - 809 | -821 |
| April | 2390 | 80 | 526 | 1043 | 741 | -2 682 | - 468 | -422 | -934 | - 858 |
| May | 2314 | 80 | 526 | 957 | 751 | -2 672 | -472 | -445 | - 894 | - 861 |
| June | 2357 | 81 | 522 | 1002 | 752 | -2 758 | -402 | -491 | - 975 | -890 |
| July | 2955 | 82 | 560 | 1582 | 731 | -2 900 | -476 | -497 | -1 066 | - 861 |
| August | 2458 | 82 | 560 | 1074 | 742 | -2 767 | - 505 | - 430 | -959 | -873 |
| September | 2288 | 84 | 563 | 902 | 739 | -2959 | - 482 | - 484 | -1 115 | -878 |

## FINANCIAL YEAR TO DATE

| 3 months to Sep 2001 | 7912 | 252 | 1736 | 3808 | 2116 | -8511 | -1451 | -1420 | -3133 | -2507 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 3 months to Sep 2002 | 7701 | 248 | 1683 | 3558 | 2212 | -8626 | -1463 | -1411 | -3140 | -2612 |

(a) For sign conventions, see paragraph 8 of the Explanatory Notes.
(b) For more detailed trade in services by commodity, see Table 6.


| SERVICES | 7360 | 8625 | 7061 | 7701 | -7987 | -7541 | -8112 | -8626 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Transportation services | 1893 | 1969 | 1815 | 1931 | -2 679 | -2 526 | -2 700 | -2 874 |
| Passenger | 1615 | 1739 | 1574 | 1683 | -951 | -940 | -1 138 | -1 176 |
| Freight | 278 | 230 | 241 | 248 | -1488 | -1 345 | -1 342 | -1463 |
| Other | n.p. | n.p. | n.p. | n.p. | - 240 | - 241 | - 220 | - 235 |
| Travel services | 3164 | 4556 | 3002 | 3558 | -2 569 | -2 538 | -2 803 | -3 140 |
| Business | 231 | 280 | 327 | 286 | - 564 | - 670 | - 653 | - 735 |
| Personal | 2933 | 4276 | 2675 | 3272 | -2 005 | -1868 | -2 150 | -2 405 |
| Education-related | 519 | 1755 | 714 | 1069 | - 165 | - 169 | - 148 | - 249 |
| Other | 2414 | 2521 | 1961 | 2203 | -1840 | -1699 | -2 002 | -2 156 |
| Communications services | 250 | 233 | 218 | 265 | - 394 | - 356 | - 301 | - 315 |
| Construction services | 24 | 24 | 35 | 20 | 0 | 0 | 0 | 0 |
| Insurance services | 169 | 169 | 166 | 169 | - 214 | - 214 | - 214 | - 214 |
| Financial services | 196 | 196 | 196 | 196 | - 139 | - 139 | - 139 | - 139 |
| Computer and information services | 238 | 245 | 255 | 235 | - 131 | -83 | - 130 | - 130 |
| Royalties and licence fees | 134 | 113 | 138 | 132 | -433 | - 483 | -437 | - 459 |
| Other business services | 956 | 776 | 855 | 853 | -1 045 | - 828 | -963 | -983 |
| Merchanting and other trade-related | 158 | 135 | 134 | 135 | -92 | -76 | -90 | -94 |
| Operational leasing | 7 | 5 | 9 | 6 | - 276 | -209 | - 207 | - 205 |
| Miscellaneous business, professional \& technical Legal, accounting, management consulting and public relations | 791 186 | 636 176 | 712 158 | 712 173 | -677 -85 | -543 -84 | -666 -124 | -684 -98 |
| Advertising, market research, and public opinion polling | 37 | 38 | 34 | 20 | -37 | -37 | -57 | -41 |
| Research and development | 80 | 50 | 66 | 68 | -35 | -19 | -21 | -32 |
| Architectural, engineering and other technical services | 185 | 118 | 137 | 147 | -99 | - 118 | - 142 | - 139 |
| Agricultural, mining, and on-site processing | 23 | 28 | 9 | 8 | -82 | -46 | -38 | -33 |
| Services between affiliated enterprises n.i.e. | 211 | 175 | 259 | 240 | - 231 | - 191 | - 209 | - 263 |
| Other | 69 | 51 | 49 | 56 | - 108 | -48 | -75 | -78 |
| Personal, cultural, and recreational services | 142 | 152 | 165 | 155 | - 223 | - 218 | - 235 | - 215 |
| Audiovisual and related services | 21 | 24 | 17 | 20 | - 181 | - 186 | - 200 | - 179 |
| Other personal, cultural and recreational services | 121 | 128 | 148 | 135 | -42 | -32 | -35 | -36 |
| Government services n.i.e. | 194 | 192 | 216 | 187 | - 160 | - 156 | - 190 | - 157 |

(a) For sign conventions, see paragraph 8 of the Explanatory Notes.
(b) For more information, see paragraphs 11 and 12 of the Explanatory Notes.

PERIOD AVERAGE EXCHANGE RATES(a)

UNITS OF FOREIGN CURRENCY PER AUSTRALIAN DOLLAR......

| Period | United States dollar | United Kingdom pound | Euro | Japanese yen | Special Drawing Right | Trade-weighted index of value of the $\$ A(b)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999-2000 | 0.6289 | 0.3948 | . | 67.90 | 0.4642 | 55.2 |
| 2000-2001 | 0.5379 | 0.3704 | 0.6023 | 61.49 | 0.4177 | 50.3 |
| 2001-2002 | 0.5239 | 0.3632 | 0.5850 | 66.10 | 0.4135 | 50.8 |
| 2001 |  |  |  |  |  |  |
| July | 0.5101 | 0.3608 | 0.5934 | 63.56 | 0.4079 | 49.8 |
| August | 0.5251 | 0.3654 | 0.5823 | 63.77 | 0.4120 | 50.0 |
| September | 0.5063 | 0.3461 | 0.5558 | 60.16 | 0.3937 | 48.1 |
| October | 0.5054 | 0.3482 | 0.5574 | 61.30 | 0.3952 | 48.6 |
| November | 0.5168 | 0.3597 | 0.5821 | 63.25 | 0.4075 | 50.0 |
| December | 0.5146 | 0.3573 | 0.5761 | 65.50 | 0.4070 | 50.1 |
| 2002 |  |  |  |  |  |  |
| January | 0.5169 | 0.3600 | 0.5836 | 68.51 | 0.4121 | 50.9 |
| February | 0.5130 | 0.3605 | 0.5897 | 68.54 | 0.4122 | 50.7 |
| March | 0.5243 | 0.3685 | 0.5982 | 68.74 | 0.4195 | 51.4 |
| April | 0.5354 | 0.3713 | 0.6047 | 70.06 | 0.4263 | 52.3 |
| May | 0.5497 | 0.3765 | 0.6000 | 69.55 | 0.4308 | 52.6 |
| June | 0.5694 | 0.3839 | 0.5962 | 70.29 | 0.4383 | 53.4 |
| July | 0.5544 | 0.3564 | 0.5580 | 65.43 | 0.4166 | 51.2 |
| August | 0.5422 | 0.3527 | 0.5543 | 64.48 | 0.4106 | 50.5 |
| September | 0.5470 | 0.3517 | 0.5578 | 66.01 | 0.4138 | 51.1 |

(a) These exchange rates and the trade-weighted index are derived using rates provided by the Reserve Bank of Australia in respect of each trading day.
(b) May $1970=100$. The trade-weighted index is reweighted annually (on 1 October) and on special occasions as required.

## EXPLANATORYNOTES

INTRODUCTION

CONCEPTS, SOURCES AND METHODS

1 This publication contains preliminary estimates of Australia's international trade in goods and services on a balance of payments basis. General merchandise imports and exports are derived mainly from international trade statistics, which are based on Australian Customs Service records. Adjustments for coverage and timing are made to international trade statistics to bring them to a balance of payments basis. The main source of services data is the quarterly Survey of International Trade in Services.

2 More comprehensive quarterly estimates of Australia's trade in goods and services, together with comprehensive details of Australia's balance of payments and international investment position statistics are included in the quarterly publication, Balance of Payments and International Investment Position, Australia (cat. no. 5302.0).

3 The conceptual framework used in Australia's balance of payments and international investment position statistics is based on the Fifth Edition of the International Monetary Fund's Balance of Payments Manual (BPM5, 1993). Descriptions of the underlying concepts and structure of the balance of payments and international investment position, and the sources, methods and terms used in compiling the estimates are presented in Balance of Payments and International Investment Position, Australia: Concepts, Sources and Methods, 1998 (cat. no. 5331.0).

4 Monthly original estimates are volatile, being subject to calendar related and large irregular influences. Seasonally adjusted estimates are derived by estimating and removing systematic calendar related effects, such as seasonal and trading day influences, from the original series. The trading day influences arise from the varying length of months and the varying number of Sundays, Mondays, Tuesdays etc in each month. Seasonal adjustment does not aim to remove the irregular or non-seasonal influences which may be present in any particular month. The irregular influences may reflect both random economic events and difficulties of statistical recording.

5 The factors used to seasonally adjust the monthly goods and services statistics can be obtained from Kevin Yeadon on Canberra (02) 6252 6255. There is a charge for this service.

6 The month-to-month movements of the seasonally adjusted estimates may not be reliable indicators of trend behaviour. For example, irregular factors unrelated to the trend account for more than half the seasonally adjusted monthly movements with the following frequency:
balance on goods and services: 9 in 10 months
goods and services credits: 8 in 10 months
goods and services debits: 8 in 10 months.
7 Trend estimates are derived by applying a 13 -term Henderson moving average to the seasonally adjusted series. The 13 -term Henderson average (like all Henderson averages) is symmetric, but as the end of a time series is approached, asymmetric forms of the average are applied. While the asymmetric weights enable trend estimates for recent months to be produced, they result in revisions to the estimates for the most recent six months as additional observations become available. There may also be revisions because of changes in the original data and as a result of the re-estimation of the seasonal factors. Details of trend-cycle weighting patterns are available on request from Time Series Analysis Section on Canberra 0262526076.

## EXPLANATORYNOTES

SIGN CONVENTION

COMMODITY BREAKDOWNS OF GOODS

COMMODITY BREAKDOWNS OF SERVICES

RELATED PRODUCTS AND SERVICES

8 In keeping with balance of payments conventions, credit entries are shown without sign and debit items are shown as negative entries. However, references to debit items in Key Figures, Key Points, and Analysis and Comments are made without regard to sign.

9 For details of the classification used for rural and non-rural goods see table 6.6 in Balance of Payments and International Investment Position, Australia: Concepts, Sources and Methods, 1998 (cat. no. 5331.0).

10 Table 6.7 in 5331.0 provides details of the classification used for goods debits. Most of the 25 commodity groups shown in table 4 for merchandise goods debits are further sub-divided into a total of 106 commodity sub-groups. The information at this level is available as a special data service, and can be obtained from Kevin Yeadon on Canberra 0262526255.

11 The quarterly detailed services data published in Table 6 are consistent with the monthly aggregates shown in Table 5. Subject to confidentiality constraints, a further breakdown of services data on a quarterly basis is available on request. Services trade data by major partner countries and by Australian state of production/consumption are published on a financial year basis and a calendar year basis in feature articles in this publication. Additional detail and additional presentations of the data are available on request. For further information contact Kevin Yeadon on Canberra 0262526255.

12 Monthly indicators for many of the services components that are surveyed only quarterly are not available. In particular, the Freight and Other transportation components of Total services credits are not available for publication on a monthly basis. Therefore the estimates for these items shown in table 5 are derived by dividing the quarterly estimate by three.

13 Detailed data of exports and imports of goods dissected by commodity and country are available on an international trade basis by contacting the National Information and Referral Service. Contact details are shown on the back of this publication.

14 Users may also wish to refer to the following publications which are available from ABS Bookshops:

- Balance of Payments and International Investment Position, Australia (cat. no. 5302.0)—issued quarterly
- International Merchandise Trade, Australia (cat no. 5422.0)—issued quarterly
- Balance of Payments and International Investment Position, Australia: Concepts, Sources and Methods (cat. no. 5331.0)
- Information Paper: Quality of Australian Balance of Payments Statistics (cat. no. 5342.0)
- International Merchandise Trade, Australia: Concepts, Sources and Methods (cat. no. 5489.0)
- A Guide to Australian Balance of Payments and International Investment Position Statistics (cat. no. 5362.0.55.001).

15 The last four publications are located on the ABS web site [http://www.abs.gov.au](http://www.abs.gov.au)
-select About Statistics then Concepts \& Classifications.

## WHAT IF... ? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES


#### Abstract

Readers should exercise care in the interpretation of the trend data as the last three observations, in particular, are likely to be revised with the addition of subsequent months' data. For further information, see Explanatory Note 7.

TREND REVISIONS The graph below presents the effect of two possible scenarios on the previous trend estimates:

1 The October seasonally adjusted estimate of the balance on goods and services 'improves' by $\$ 200$ million when compared with the September seasonally adjusted estimate. (An 'improvement' refers to an increase in a surplus or a decrease in a deficit.)

2 The October seasonally adjusted estimate of the balance on goods and services 'deteriorates' by $\$ 200$ million when compared with the September seasonally adjusted estimate. (A 'deterioration' refers to a decrease in a surplus or an increase in a deficit.)

The change of $\$ 200$ million has been chosen because in the last decade the average monthly movement, without regard to sign, of the seasonally adjusted balance on goods and services series has been approximately $\$ 200$ million.


| BALANCE ON GOODS AND |  |  |  |  |  | PUBLISHED | WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SERVICES |  |  |  |  |  |  | 1 | 2 |
|  |  |  |  | $\begin{aligned} & \$ m \\ & 1100 \end{aligned}$ |  |  | improves by | deteriorates by |
|  |  |  |  | ${ }_{7}^{1100}$ |  |  | \$200m on | \$200m on |
|  |  |  |  | -700 |  |  | Sep 2002 | Sep 2002 |
|  |  |  |  | -300 |  | \$m | \$m | \$m |
|  |  |  |  | - - -100 |  |  |  |  |
|  |  |  |  |  | March 2002 | - 477 | - 477 | - 477 |
|  |  |  |  | — | April 2002 | - 572 | - 577 | - 569 |
|  |  |  |  | - ${ }_{-1300}$ | May 2002 | -668 | -677 | - 663 |
| 0 D | F A | J | A | 0 | June 2002 | - 759 | - 762 | - 755 |
| 2001 | 2002 |  |  |  | July 2002 | -829 | - 817 | -835 |
|  |  |  |  |  | August 2002 | -882 | -848 | -907 |
|  |  |  |  |  | September 2002 | -932 | -865 | -976 |
|  |  |  |  |  | October 2002 |  | -854 | -1 023 |

## BALANCE ON GOODS AND



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[^2]
[^0]:    (a) For all time periods, estimates for sugar, sugar preparations and honey are included in Other non-rural
    (b) Includes non-monetary gold.

[^1]:    (a) For sign conventions, see paragraph 8 of the Explanatory Notes
    (b) Includes non-monetary gold.

[^2]:    © Commonwealth of Australia 2002

