# INTERNATIONAL TRADE IN GOODS AND SERVICES 

AUSTRALIA

## Balance on goods and services <br>  <br> 0 D F A J A O D <br> 20012002

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## DECEMBERKEY FIGURES

TREND ESTIMATES

|  | $\begin{aligned} & \text { Oct } 2002 \\ & \$ m \end{aligned}$ | Nov 2002 \$m | $\begin{aligned} & \text { Dec } 2002 \\ & \$ m \end{aligned}$ | Nov 2002 to Dec 2002 \% change |
| :---: | :---: | :---: | :---: | :---: |
| Balance on goods \& services | -1 329 | -1 626 | -1926 |  |
| Credits (exports of goods \& services) | 12594 | 12595 | 12601 | 0 |
| Debits (imports of goods \& services) | 13923 | 14221 | 14527 | 2 |


| SEASONALLYADJUSTED | Oct 2002 <br> \$m | Nov 2002 \$m | $\begin{aligned} & \text { Dec } 2002 \\ & \$ m \end{aligned}$ | Nov 2002 to Dec 2002 \% change |
| :---: | :---: | :---: | :---: | :---: |
| Balance on goods \& services | -1 125 | -1 106 | -2 995 |  |
| Credits (exports of goods \& services) | 12668 | 12686 | 12484 | -2 |
| Debits (imports of goods \& services) | 13793 | 13792 | 15479 | 12 |

## DECEMBERKEY POINTS

## TRENDESTIMATES

- The provisional trend estimate of the balance on goods and services was a deficit of $\$ 1,926 \mathrm{~m}$ in December, an increase of $\$ 300 \mathrm{~m}$ on the deficit in November.
- Goods and services credits rose $\$ 6 \mathrm{~m}$ to $\$ 12,601 \mathrm{~m}$. Goods and services debits rose $\$ 306 \mathrm{~m}$ to $\$ 14,527 \mathrm{~m}$.


## SEASONALLYADJUSTED ESTIMATES

- In seasonally adjusted terms, the balance on goods and services was a deficit of $\$ 2,995 \mathrm{~m}$ in December, an increase of $\$ 1,889 \mathrm{~m}$ on the deficit in November. Of the increase, $\$ 1.3 \mathrm{~b}$ was due to imports of civil aircraft.
- Goods and services credits fell $\$ 202 \mathrm{~m}$ to $\$ 12,484 \mathrm{~m}$. Rural goods fell by $\$ 217 \mathrm{~m}(10 \%)$ while non-rural and other goods fell $\$ 26 \mathrm{~m}$. Services credits rose $\$ 41 \mathrm{~m}(2 \%)$.
- Goods and services debits rose $\$ 1,687 \mathrm{~m}(12 \%)$ to $\$ 15,479 \mathrm{~m}$ with goods debits up $\$ 1,697 \mathrm{~m}(15 \%)$ and services debits down $\$ 10 \mathrm{~m}$. The increase in goods debits was driven by the rise in imports of capital goods, up $\$ 1,379 \mathrm{~m}$ (57\%), and by intermediate and other goods, up $\$ 328 \mathrm{~m}(6 \%)$ in seasonally adjusted terms.


## ORIGINALESTIMATES

- In original terms, the 2002 calendar year deficit on goods and services was $\$ 10,993 \mathrm{~m}$. The goods deficit was $\$ 9,547 \mathrm{~m}$ and the services deficit was $\$ 1,446 \mathrm{~m}$.


## N O T E S

FORTHCOMING ISSUES

CHANGES IN THIS ISSUE

SYMBOLS AND OTHER USAGES

## ISSUE

January 2003
February 2003
March 2003
April 2003
May 2003
June 2003

EXPECTED RELEASE DATE
4 March 2003
1 April 2003
2 May 2003
29 May 2003
30 June 2003
29 July 2003

In original terms, revisions since the previous issue have:

- increased the deficit on goods and services for September quarter 2002 by $\$ 3 \mathrm{~m}$; and
- increased the deficit on goods and services for the five months to November 2002
by $\$ 158 \mathrm{~m}$.
The revisions are the result of incorporating the latest available data relating to merchandise trade and the quarterly Survey of International Trade in Services.
n.e.s. not elsewhere specified
n.i.e. not included elsewhere
n.p. not published
not applicable

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## ANALYSIS AND COMMENTS

BALANCE ON GOODS AND SERVICES

The trend estimate of the balance on goods and services was a deficit of $\$ 1,926 \mathrm{~m}$ in December, an increase of $\$ 300 \mathrm{~m}$ on the deficit in November.

In seasonally adjusted terms, the balance on goods and services was a deficit of $\$ 2,995 \mathrm{~m}$, an increase of $\$ 1,889 \mathrm{~m}$ on the deficit in November.

The sum of the seasonally adjusted balances for the three months to December 2002 is a deficit of $\$ 5,226 \mathrm{~m}$, an increase of $\$ 2,556 \mathrm{~m}$ on the deficit of $\$ 2,670 \mathrm{~m}$ for the three months to September 2002. However, if the more detailed seasonal factors used in compiling quarterly Balance of Payments are applied, the December quarter 2002 deficit is $\$ 5,489 \mathrm{~m}$, an increase of $\$ 2,712 \mathrm{~m}$ on the revised September quarter 2002 deficit of $\$ 2,777 \mathrm{~m}$. SERVICES

The trend estimate of goods and services credits rose $\$ 6 \mathrm{~m}$ in December to $\$ 12,601 \mathrm{~m}$.

In seasonally adjusted terms, goods and services credits fell $\$ 202 \mathrm{~m}$ in December to $\$ 12,484 \mathrm{~m}$. Rural goods fell by $\$ 217 \mathrm{~m}(10 \%)$ while non-rural and other goods fell by $\$ 26 \mathrm{~m}$. Services credits increased by $\$ 41 \mathrm{~m}(2 \%)$.

GOODS CREDITS


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 $\$ 42 \mathrm{~m}(2 \%)$ to $\$ 2,186 \mathrm{~m}$. In seasonally adjusted terms, rural goods decreased $\$ 217 \mathrm{~m}(10 \%)$ to $\$ 2,036 \mathrm{~m}$.

Rural goods, in original terms, decreased $\$ 50$ million (2\%) to $\$ 2,263 \mathrm{~m}$. The largest decreases were in:

- Cereal and cereal preparations, down $\$ 58 \mathrm{~m}(18 \%)$. Exports of wheat fell $\$ 43 \mathrm{~m}$ (17\%) with volumes exported down $19 \%$ and prices up $3 \%$; and
- Wool and sheepskins, down $\$ 38 \mathrm{~m}$ (9\%). Exports of greasy wool decreased $\$ 40 \mathrm{~m}$ (14\%) with volumes exported down $15 \%$ and prices up $2 \%$.

Partly offsetting these decreases were increases in other rural goods exports, up $\$ 46 \mathrm{~m}$ (4\%) largely due to increased shipments of cotton, up $17 \%$, and fish, crustaceans and molluscs, up $\$ 49 \mathrm{~m}(48 \%)$, reflecting the seasonal rock lobster harvest.

## ANALYSIS AND COMMENTS

NON-RURAL AND The trend estimate of non-rural and other goods exports rose $\$ 34 \mathrm{~m}$ to $\$ 7,733 \mathrm{~m}$. OTHER GOODS Seasonally adjusted, non-rural and other goods fell $\$ 26 \mathrm{~m}$ to $\$ 7,759 \mathrm{~m}$.

In original terms, non-rural and other goods increased $\$ 481 \mathrm{~m}(6 \%)$ to $\$ 8,255 \mathrm{~m}$. The increase was largely driven by:

- Metal ores and minerals, up $\$ 168 \mathrm{~m}$ ( $15 \%$ ). Exports of metalliferous ores and metal scrap rose $\$ 152 \mathrm{~m}$ (14\%) due largely to increases in volumes shipped;
- Coal, coke and briquettes, up $\$ 97 \mathrm{~m}(10 \%)$ with increased volumes exported due to high demand and vessel availability. Semi-soft coking coal increased $\$ 53 \mathrm{~m}$ ( $35 \%$ ), hard coking coal rose $\$ 33 \mathrm{~m}(7 \%)$ and bituminous coal rose $\$ 15 \mathrm{~m}$ (4\%); and
- Other non-rural, up $\$ 87 \mathrm{~m}(14 \%)$. The most significant increases occurred in beverages, up $\$ 55 \mathrm{~m}(29 \%)$, with red and white table wines exports up $9 \%$.

Partially offsetting these increases were decreases in exports of :

- Other manufactures, down $\$ 39 \mathrm{~m}(3 \%)$; and
- Transport equipment, down $\$ 36 \mathrm{~m}(5 \%)$. This decrease was driven by road vehicles, down $\$ 29 \mathrm{~m}(6 \%)$, as exports of large motor vehicles fell $\$ 60 \mathrm{~m}$ after a strong result in November.

IMPORTS OF GOODS AND SERVICES

The trend estimate of goods and services debits rose $\$ 306 \mathrm{~m}$ to $\$ 14,527 \mathrm{~m}$.
In seasonally adjusted terms, goods and services debits rose $\$ 1,687 \mathrm{~m}(12 \%)$ to $\$ 15,479 \mathrm{~m}$. Goods debits rose $\$ 1,697 \mathrm{~m}(15 \%)$ to $\$ 12,681 \mathrm{~m}$, while services debits fell $\$ 10 \mathrm{~m}$ to $\$ 2,798 \mathrm{~m}$.

Preliminary analysis shows that goods import volumes, in seasonally adjusted terms, increased about $7.8 \%$ during the December quarter 2002. The Chain Laspeyres price index and the implicit price deflator both fell by about $0.1 \%$. The final volume and price outcomes will be published in the December quarter 2002 issue of Balance of Payments and International Investment Position, Australia (5302.0).

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 $\$ 26 \mathrm{~m}$ to $\$ 3,481 \mathrm{~m}$. In seasonally adjusted terms, imports of consumption goods fell $\$ 10 \mathrm{~m}$ to $\$ 3,483 \mathrm{~m}$.

Consumption goods, in original terms, fell $\$ 400 \mathrm{~m}(11 \%)$ to $\$ 3,324 \mathrm{~m}$. There were decreases in five of the six components, with significant falls in:

- consumption goods n.e.s., down $\$ 196 \mathrm{~m}(17 \%)$, mainly due to decreased imports of medicaments, down $\$ 77 \mathrm{~m}$ (22\%);
- toys, books, and leisure goods, down $\$ 140 \mathrm{~m}(33 \%)$, with other toys and leisure goods, down $\$ 47 \mathrm{~m}$ ( $47 \%$ ), and sound recorded media, down $\$ 37 \mathrm{~m}$ (41\%); and
- household electrical items, down $\$ 83 \mathrm{~m}(22 \%)$, with television receivers, down $\$ 26 \mathrm{~m}(27 \%)$, and video recording apparatus, down $\$ 12 \mathrm{~m}$ (21\%).

Partly offsetting these decreases was a rise in imports of non-industrial transport equipment, up $\$ 77 \mathrm{~m}$ (9\%), due to an increase in the number of motor vehicles imported, with off-road vehicles up $\$ 43 \mathrm{~m}$, and medium sized passenger cars up $\$ 30 \mathrm{~m}$.

CAPITAL GOODS The trend estimate of imports of capital goods rose $\$ 192 \mathrm{~m}$ to $\$ 3,027 \mathrm{~m}$. Seasonally adjusted, capital goods imports increased $\$ 1,379 \mathrm{~m}$ (57\%) to $\$ 3,796 \mathrm{~m}$.

Imports of capital goods, in original terms, rose $\$ 1,177 \mathrm{~m}$ ( $48 \%$ ) to $\$ 3,609 \mathrm{~m}$. Increases occurred in three out of the six categories:

- civil aircraft, up $\$ 1,204 \mathrm{~m}$;
- ADP equipment, up $\$ 46 \mathrm{~m}(13 \%)$; and
- telecommunications equipment, up $\$ 27 \mathrm{~m}(8 \%)$.

These increases were partly offset by decreases in imports of machinery and industrial equipment, down $\$ 56 \mathrm{~m}$ (5\%), mainly due to decreased imports of metal working machinery, down \$46m (53\%).

INTERMEDIATE AND OTHER GOODS

The trend estimate of imports of intermediate and other goods increased $\$ 76 \mathrm{~m}$ to $\$ 5,211 \mathrm{~m}$. Seasonally adjusted, intermediate and other goods imports rose $\$ 328 \mathrm{~m}$ (6\%) to $\$ 5,402 \mathrm{~m}$.

Imports of intermediate and other goods, in original terms, decreased $\$ 10 \mathrm{~m}$ to $\$ 5,216 \mathrm{~m}$. The major contributors to this decrease were:

- processed industrial supplies n.e.s., down $\$ 91 \mathrm{~m}(9 \%)$;
- other merchandise goods, down $\$ 73 \mathrm{~m}$ (31\%), largely due to decreased imports of military equipment, down $\$ 68 \mathrm{~m}$ ( $49 \%$ ); and
- parts for transport equipment, down $\$ 39 \mathrm{~m}(6 \%)$, due to decreased imports of parts and accessories for motor cars, down $\$ 35 \mathrm{~m}(17 \%)$

Largely offsetting these decreases were rises in imports of fuels and lubricants, up $\$ 119 \mathrm{~m}$ (15\%), driven by increases in crude petroleum, up $\$ 94 \mathrm{~m}$ (15\%); and organic and inorganic chemicals, up $\$ 54 \mathrm{~m}$ (26\%).

CREDITS $\qquad$ DEBITS $\qquad$

| Balance on goods and services | Total <br> goods <br> and <br> services | Total goods | Rural goods(b) | Non-rural and other goods(b) | Total senvices | Total goods and services |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |


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

## SEASONALLY ADJUSTED

## 2001

| October | 166 | 12913 | 10397 | 2637 | 7760 | 2516 | -12 747 | -10 116 | -3 105 | -2 198 | -4 813 | -2 631 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| November | 41 | 12484 | 10016 | 2503 | 7513 | 2468 | -12 443 | -9 870 | -3 109 | -2 223 | -4538 | -2 573 |
| December | -386 | 12251 | 9650 | 2146 | 7504 | 2601 | -12 637 | -9 992 | -2933 | -2 270 | -4 789 | -2 645 |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | - 292 | 12828 | 10234 | 2379 | 7855 | 2594 | -13 120 | -10 442 | -3 191 | -2 330 | -4 921 | -2 678 |
| February | -495 | 12682 | 10037 | 2458 | 7579 | 2645 | -13 177 | -10 465 | -3 278 | -2 353 | -4 834 | -2 712 |
| March | -313 | 12776 | 10174 | 2407 | 7767 | 2602 | -13 089 | -10 330 | -3183 | -2 223 | -4 924 | -2 759 |
| April | -492 | 12489 | 9913 | 2361 | 7552 | 2576 | -12981 | -10 315 | -3 257 | -2 300 | -4758 | -2 666 |
| May | - 604 | 12631 | 10001 | 2468 | 7533 | 2630 | -13 235 | -10 530 | -3 297 | -2 527 | -4706 | -2 705 |
| June | -863 | 12369 | 9793 | 2351 | 7442 | 2576 | -13 232 | -10 535 | -3 295 | -2 411 | -4829 | -2 697 |
| July | -826 | 12601 | 10019 | 2327 | 7692 | 2582 | -13 427 | -10 651 | -3 293 | -2 581 | -4777 | -2 776 |
| August | -868 | 12676 | 10037 | 2391 | 7646 | 2639 | -13 544 | -10 787 | -3 340 | -2 393 | -5 054 | -2 757 |
| September | -976 | 12434 | 9790 | 2252 | 7538 | 2644 | -13 410 | -10 722 | -3 465 | -2 408 | -4 849 | -2 688 |
| October | -1 125 | 12668 | 9993 | 2401 | 7592 | 2675 | -13 793 | -10 957 | -3 359 | -2 579 | -5 019 | -2 836 |
| November | -1 106 | 12686 | 10038 | 2253 | 7785 | 2648 | -13 792 | -10 984 | -3 493 | -2 417 | -5 074 | -2 808 |
| December | -2995 | 12484 | 9795 | 2036 | 7759 | 2689 | -15 479 | -12 681 | -3 483 | -3 796 | -5 402 | -2 798 |

## TREND ESTIMATES

| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 176 | 12811 | 10240 | 2587 | 7653 | 2571 | -12 635 | -9 997 | -3 042 | -2 214 | -4741 | -2 638 |
| November | 19 | 12732 | 10178 | 2537 | 7641 | 2554 | -12 713 | -10 075 | -3 070 | -2 247 | -4758 | -2638 |
| December | - 113 | 12693 | 10134 | 2485 | 7649 | 2559 | -12 806 | -10 157 | -3 104 | -2 269 | -4784 | -2649 |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | - 230 | 12678 | 10100 | 2444 | 7656 | 2578 | -12908 | -10 240 | -3 144 | -2 284 | -4 812 | -2 668 |
| February | - 341 | 12660 | 10062 | 2417 | 7645 | 2598 | -13 001 | -10 314 | -3 186 | -2 304 | -4 824 | -2 687 |
| March | - 446 | 12641 | 10034 | 2406 | 7628 | 2607 | -13 087 | -10 383 | -3 224 | -2 335 | -4824 | -2 704 |
| April | - 542 | 12612 | 10007 | 2399 | 7608 | 2605 | -13154 | -10 441 | -3 256 | -2 372 | -4 813 | -2 713 |
| May | -637 | 12571 | 9971 | 2390 | 7581 | 2600 | -13 208 | -10 492 | -3 280 | -2 410 | -4 802 | -2 716 |
| June | - 701 | 12541 | 9942 | 2381 | 7561 | 2599 | -13 242 | -10 522 | -3 301 | -2 419 | -4 802 | -2 720 |
| July | - 770 | 12543 | 9935 | 2369 | 7566 | 2608 | -13 313 | -10 582 | -3 325 | -2 423 | -4 834 | -2 731 |
| August | - 890 | 12562 | 9939 | 2347 | 7592 | 2623 | -13 452 | -10 705 | -3 358 | -2 454 | -4 893 | -2 747 |
| September | -1 076 | 12583 | 9943 | 2316 | 7627 | 2640 | -13 659 | -10 893 | -3 392 | -2 532 | -4 969 | -2 766 |
| October | -1 329 | 12594 | 9939 | 2275 | 7664 | 2655 | -13 923 | -11 141 | -3 425 | -2 665 | -5 051 | -2 782 |
| November | -1626 | 12595 | 9927 | 2228 | 7699 | 2668 | -14 221 | -11425 | -3 455 | -2 835 | -5 135 | -2 796 |
| December | -1926 | 12601 | 9919 | 2186 | 7733 | 2682 | -14 527 | -11719 | -3 481 | -3 027 | -5 211 | -2 808 |

(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

GOODS AND SERVICES(a), Summary: Original

CREDITS
DEBITS

| Balance <br> on goods <br> and <br> services | Total <br> goods <br> and <br> services | Total goods | Rural goods(b) | Non-rural and other goods(b) | Total services | Total <br> goods <br> and <br> services | Total goods | Consumption goods | Capital goods | Inter- <br> mediate <br> and other <br> goods | Total senvices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$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 | -35 775 | -25 552 | -59 010 | -32 299 |
| 2001-2002 | -1581 | 152357 | 121157 | 29593 | 91564 | 31200 | - 153938 | - 121882 | -37422 | -27 148 | -57 312 | -32 056 |
| 2001 |  |  |  |  |  |  |  |  |  |  |  |  |
| October | -1 222 | 13306 | 10835 | 2691 | 8144 | 2471 | -14 528 | -11703 | -3 749 | -2 476 | -5 478 | -2 825 |
| November | -697 | 12439 | 10057 | 2555 | 7502 | 2382 | -13 136 | -10 607 | -3 427 | -2 336 | -4 844 | -2 529 |
| December | 920 | 12813 | 10217 | 2341 | 7876 | 2596 | -11893 | -9 284 | -2754 | -2 132 | -4 398 | -2 609 |
| 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
| January | - 727 | 11789 | 8897 | 2155 | 6742 | 2892 | -12 516 | -9802 | -2 801 | -2 232 | -4 769 | -2 714 |
| February | 563 | 12446 | 9293 | 2394 | 6899 | 3153 | -11883 | -9 510 | -3 057 | -1970 | -4 483 | -2 373 |
| March | 773 | 13046 | 10510 | 2553 | 7957 | 2536 | -12 273 | -9 709 | -2 900 | -2 080 | -4 729 | -2 564 |
| April | - 703 | 12182 | 9738 | 2305 | 7433 | 2444 | -12 885 | -10 248 | -3 172 | -2 180 | -4 896 | -2 637 |
| May | -968 | 12450 | 10096 | 2562 | 7534 | 2354 | -13 418 | -10 776 | -3 087 | -2 779 | -4 910 | -2 642 |
| June | -411 | 12147 | 9758 | 2242 | 7516 | 2389 | -12 558 | -9 838 | -2 902 | -2 436 | -4 500 | -2 720 |
| July | -1 078 | 13156 | 10218 | 2262 | 7956 | 2938 | -14 234 | -11 285 | -3 674 | -2 777 | -4 834 | -2 949 |
| August | -1 176 | 12795 | 10314 | 2375 | 7939 | 2481 | -13971 | -11 165 | -3 602 | -2 428 | -5 135 | -2 806 |
| September | -1703 | 12250 | 9900 | 2166 | 7734 | 2350 | -13953 | -11 007 | -3 702 | -2 483 | -4 822 | -2 946 |
| October | -2 403 | 13090 | 10474 | 2473 | 8001 | 2616 | -15 493 | -12 479 | -3 994 | -2 836 | -5 649 | -3 014 |
| November | -1434 | 12675 | 10087 | 2313 | 7774 | 2588 | -14 109 | -11 382 | -3 724 | -2 432 | -5 226 | -2 727 |
| December | -1726 | 13187 | 10518 | 2263 | 8255 | 2669 | -14 913 | -12 149 | -3 324 | -3609 | -5 216 | -2 764 |

FINANCIAL YEAR TO DATE


(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

RURAL GOODS $\qquad$

|  | 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 | 121157 | 29593 | 6246 | 5993 | n.p. | 3687 | 13667 |
| 2001 |  |  |  |  |  |  |  |
| 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 | 9738 | 2305 | 495 | 503 | n.p. | 291 | 1016 |
| May | 10096 | 2562 | 550 | 439 | n.p. | 322 | 1251 |
| June | 9758 | 2242 | 512 | 409 | n.p. | 274 | 1047 |
| July | 10218 | 2262 | 494 | 361 | n.p. | 307 | 1100 |
| August | 10314 | 2375 | 483 | 453 | n.p. | 267 | 1172 |
| September | 9900 | 2166 | 468 | 382 | n.p. | 304 | 1012 |
| October | 10474 | 2473 | 570 | 390 | n.p. | 423 | 1090 |
| November | 10087 | 2313 | 528 | 328 | n.p. | 419 | 1038 |
| December | 10518 | 2263 | 528 | 270 | n.p. | 381 | 1084 |
| FINANCIAL YEAR TO DATE |  |  |  |  |  |  |  |
| 6 months to Dec 2001 | 62865 | 15382 | 3379 | 3022 | n.p. | 1890 | 7091 |
| 6 months to Dec 2002 | 61511 | 13852 | 3071 | 2184 | n.p. | 2101 | 6496 |

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

NON-RURAL GOODS $\qquad$

| Total <br> non-rural <br> goods(a) | Metal ores <br> and <br> minerals | Coal, <br> coke and <br> briquettes | Other <br> mineral <br> fuels | Metals <br> (excl. <br> gold) | Mach- <br> inery | Transport <br> equipment | Other <br> manu- <br> factures | Other <br> non-rural(a) | Other <br> 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 | 83945 | 14774 | 13430 | 10940 | 9650 | 7999 | 5756 | 13758 | 7638 | 7619 |
| 2001 |  |  |  |  |  |  |  |  |  |  |
| 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 | 6838 | 1284 | 1086 | 855 | 756 | 590 | 492 | 1080 | 695 | 595 |
| May | 6768 | 1152 | 1027 | 856 | 805 | 684 | 402 | 1146 | 696 | 766 |
| June | 6902 | 1260 | 1051 | 872 | 698 | 622 | 593 | 1137 | 669 | 614 |
| July | 7205 | 1185 | 1006 | 1014 | 811 | 666 | 536 | 1177 | 810 | 751 |
| August | 7298 | 1212 | 1091 | 1077 | 800 | 641 | 554 | 1129 | 794 | 641 |
| September | 7211 | 1264 | 1020 | 1047 | 726 | 648 | 461 | 1213 | 832 | 523 |
| October | 7179 | 1224 | 972 | 908 | 791 | 630 | 657 | 1188 | 809 | 822 |
| November | 7119 | 1158 | 1017 | 974 | 770 | 639 | 743 | 1197 | 621 | 655 |
| December | 7531 | 1326 | 1114 | 988 | 827 | 703 | 707 | 1158 | 708 | 724 |

FINANCIAL YEAR TO DATE

| 6 months to Dec 2001 | 43770 | 7764 | 6781 | 5908 | 4931 | 4376 | 2892 | 7149 | 3969 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 6 months to Dec 2002 | 43543 | 7369 | 6220 | 6008 | 4725 | 3927 | 3658 | 7062 | 4574 |

(a) For all time periods, estimates for Sugar, sugar preparations and honey are included in Other non-rural
(b) Includes non-monetary gold.

CONSUMPTION GOODS

|  | Total goods | Total consumption goods | Food and beverages, mainly for consumption | Household electrical items | Nonindustrial 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 | -3943 | -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 | - 121882 | -37422 | -4 687 | -3 166 | -9 930 | -4 849 | -3 494 | -11 296 |
| 2001 |  |  |  |  |  |  |  |  |
| October | -11703 | -3749 | - 507 | - 348 | - 898 | - 420 | - 395 | -1 181 |
| November | -10 607 | -3 427 | - 460 | - 338 | -903 | - 388 | - 320 | -1 018 |
| December | -9 284 | -2754 | -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 | -2900 | - 365 | - 238 | -861 | - 371 | - 231 | -834 |
| April | -10 248 | -3 172 | - 360 | - 286 | -820 | - 393 | - 280 | -1 033 |
| May | -10 776 | -3 087 | - 358 | - 286 | - 908 | - 338 | -275 | -922 |
| June | -9 838 | -2 902 | - 317 | - 259 | -905 | - 318 | - 285 | -818 |
| July | -11 285 | -3674 | - 382 | - 314 | -1 095 | -477 | - 327 | -1 079 |
| August | -11 165 | -3602 | -409 | - 330 | -893 | - 526 | - 356 | -1 088 |
| September | -11 007 | -3 702 | -419 | - 350 | -1 001 | -438 | - 360 | -1 134 |
| October | -12 479 | -3 994 | -486 | -413 | -918 | -495 | -463 | -1219 |
| November | -11382 | -3 724 | -469 | - 370 | -896 | -427 | -421 | -1 141 |
| December | -12 149 | -3 324 | - 465 | - 287 | - 973 | -373 | - 281 | -945 |

FINANCIAL YEAR TO DATE

| 6 months to Dec 2001 | -61999 | -19503 | -2505 | -1673 | -5055 | -2461 | -1917 | -5892 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 6 months to Dec 2002 | -69467 | -22020 | -2630 | -2064 | -5776 | -2736 | -2208 | -6606 |

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

CAPITAL GOODS $\qquad$

|  | Total capital goods | Machinery <br> and <br> industrial equipment | ADP equipment | Telecommunications equipment | Civil aircraft | Industrial <br> transport equipment n.e.s. | Capital goods n.e.s. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| 1999-2000 | -26 695 | -8912 | -4 912 | -4 150 | -1414 | -3 981 | -3 326 |
| 2000-2001 | -25 552 | -8876 | -5 260 | -4 379 | -609 | -2 753 | -3675 |
| 2001-2002 | -27 148 | -9 502 | -5 055 | -3643 | -1513 | -3 553 | -3 882 |
| 2001 |  |  |  |  |  |  |  |
| 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 | -2 180 | - 734 | -473 | - 228 | - 110 | - 287 | - 348 |
| May | -2 779 | - 779 | - 436 | - 358 | - 231 | -627 | - 348 |
| June | -2 436 | - 719 | - 444 | - 333 | - 326 | - 294 | - 320 |
| July | -2 777 | -914 | - 451 | - 271 | - 473 | - 298 | - 370 |
| August | -2 428 | -1 089 | - 393 | - 265 | 0 | - 301 | - 380 |
| September | -2 483 | - 894 | - 420 | - 258 | - 189 | -338 | - 384 |
| October | -2 836 | -1 004 | - 428 | - 324 | - 368 | - 313 | - 399 |
| November | -2 432 | -1 032 | - 360 | - 323 | -30 | -314 | - 373 |
| December | -3 609 | -976 | -406 | - 350 | -1 234 | - 288 | - 355 |

FINANCIAL YEAR TO DATE

| 6 months to Dec 2001 | -13471 | -5076 | -2494 | -2159 | -125 | -1624 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 6 months to Dec 2002 | -16565 | -5909 | -2458 | -1791 | -2294 | -1852 |

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


## FINANCIAL YEAR TO DATE

| 6 months to Dec 2001 | -26447 | -275 | -550 | -4695 | -3494 | -1088 | -4212 | -1765 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 6 months to Dec 2002 | -28114 | -356 | -675 | -4929 | -3826 | -1050 | -4373 | -1483 |

- (a) ${ }^{\circ}$ For signconventions, see paragraphr 8 of the Explarratory 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 industrial supplies 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 | -2 182 | -11441 | -1563 | -5 140 |
| 2001 |  |  |  |  |  |  |  |
| 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 | -1 066 | - 142 | - 498 |
| May | - 182 | - 172 | - 148 | - 194 | -1 023 | - 135 | - 359 |
| June | - 158 | - 152 | - 141 | - 168 | - 795 | - 182 | -485 |
| July | - 184 | - 182 | - 135 | - 196 | -936 | -87 | - 427 |
| August | - 205 | - 169 | - 164 | - 205 | -992 | - 216 | - 380 |
| September | - 199 | - 160 | - 158 | - 204 | -1 031 | - 141 | - 396 |
| October | - 236 | - 171 | - 170 | -227 | -1 037 | - 193 | - 584 |
| November | - 203 | - 159 | - 147 | - 217 | -1 043 | - 239 | - 455 |
| December | - 176 | - 137 | - 178 | -207 | -952 | - 166 | - 526 |
| FINANCIAL YEAR TO DATE |  |  |  |  |  |  |  |
| 6 months to Dec 2001 | -1 150 | -925 | - 875 | -1 110 | -5 668 | -640 | -2 578 |
| 6 months to Dec 2002 | -1203 | -978 | -952 | -1 256 | -5 991 | -1 042 | -2 768 |

[^0]CREDITS $\qquad$ DEBITS.

| Total <br> services | Freight | Other <br> transport- <br> ation | Travel | Other <br> services |
| :--- | :--- | :--- | :--- | :--- |
| $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ |


| Total <br> senvices | Freight | Other <br> transport- <br> ation | Travel | Other <br> senvices |
| :--- | :--- | :--- | :--- | :--- |
| $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ |


| 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 | -9 758 |
| 2001-2002 | 31200 | 1001 | 6664 | 14775 | 8760 | -32 056 | -5626 | -5 150 | -10934 | -10 346 |
| 2001 |  |  |  |  |  |  |  |  |  |  |
| October | 2471 | 93 | 536 | 1079 | 763 | -2 825 | - 554 | - 397 | -971 | -903 |
| November | 2382 | 93 | 519 | 993 | 777 | -2 529 | -512 | - 360 | - 754 | -903 |
| December | 2596 | 92 | 560 | 1181 | 763 | -2 609 | - 422 | -434 | - 820 | -933 |
| 2002 |  |  |  |  |  |  |  |  |  |  |
| January | 2892 | 77 | 577 | 1529 | 709 | -2 714 | - 449 | -407 | -1 041 | - 817 |
| February | 3153 | 77 | 571 | 1803 | 702 | -2 373 | -430 | - 361 | - 743 | -839 |
| March | 2536 | 76 | 591 | 1183 | 686 | -2 564 | -466 | -413 | - 864 | -821 |
| April | 2444 | 80 | 526 | 1097 | 741 | -2 637 | -468 | -422 | -885 | -862 |
| May | 2354 | 80 | 526 | 997 | 751 | -2 642 | -472 | -445 | -860 | -865 |
| June | 2389 | 81 | 522 | 1034 | 752 | -2 720 | -402 | - 491 | -931 | -896 |
| July | 2938 | 81 | 560 | 1581 | 716 | -2 949 | -464 | - 551 | -1 066 | -868 |
| August | 2481 | 81 | 560 | 1113 | 727 | -2 806 | -499 | -476 | -951 | -880 |
| September | 2350 | 81 | 559 | 979 | 731 | -2 946 | -474 | - 511 | -1 070 | -891 |
| October | 2616 | 82 | 589 | 1188 | 757 | -3 014 | -515 | -499 | -1 079 | -921 |
| November | 2588 | 82 | 589 | 1153 | 764 | -2 727 | -492 | -434 | -876 | -925 |
| December | 2669 | 82 | 589 | 1239 | 759 | -2 764 | -478 | -488 | - 868 | -930 |


| 6 months to Dec 2001 | 15432 | 530 | 3351 | 7132 | 4419 | -16406 | -2939 | -2611 | -5610 | -5246 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 6 months to Dec 2002 | 15642 | 489 | 3446 | 7253 | 4454 | -17206 | -2922 | -2959 | -5910 | -5415 |

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

CREDITS.

| Mar Qtr | Jun Qtr | Sep Qtr | Dec Qtr | Mar Qtr | Jun Qtr | Sep Qtr | Dec Qtr |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 |
| $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ |


| SERVICES | 8581 | 7187 | 7769 | 7873 | -7651 | -7999 | -8701 | -8505 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Transportation services | 1969 | 1815 | 1922 | 2013 | -2 526 | -2 700 | -2 975 | -2 906 |
| Passenger | 1739 | 1574 | 1679 | 1767 | - 940 | -1 138 | -1 284 | -1 136 |
| Freight | 230 | 241 | 243 | 246 | -1345 | -1 342 | -1437 | -1485 |
| Other | n.p. | n.p. | n.p. | n.p. | - 241 | - 220 | - 254 | -285 |
| Travel services | 4515 | 3128 | 3673 | 3580 | -2648 | -2 676 | -3 087 | -2 823 |
| Business | 271 | 289 | 275 | 284 | - 717 | - 698 | - 712 | -667 |
| Personal | 4244 | 2839 | 3398 | 3296 | -1 931 | -1978 | -2 375 | -2 156 |
| Education-related | 1755 | 714 | 1156 | 578 | - 172 | - 125 | - 204 | - 159 |
| Other | 2489 | 2125 | 2242 | 2718 | -1759 | -1853 | -2 171 | -1997 |
| Communications services | 233 | 219 | 264 | 251 | - 356 | - 301 | -295 | -413 |
| Construction services | 24 | 35 | 22 | 24 | 0 | 0 | 0 | 0 |
| Insurance services | 169 | 166 | 169 | 169 | - 214 | - 214 | - 214 | - 214 |
| Financial services | 196 | 196 | 196 | 196 | - 139 | - 139 | - 139 | - 139 |
| Computer and information services | 245 | 255 | 259 | 239 | -83 | - 132 | - 133 | - 137 |
| Royalties and licence fees | 113 | 138 | 115 | 119 | -483 | -439 | -476 | - 457 |
| Other business services | 776 | 851 | 813 | 957 | - 828 | - 958 | -1 019 | -1 022 |
| Merchanting and other trade-related | 135 | 134 | 96 | 158 | -76 | -90 | - 113 | -96 |
| Operational leasing | 5 | 9 | 9 | 7 | - 209 | - 207 | - 218 | - 216 |
| Miscellaneous business, professional \& technical | 636 | 708 | 708 | 792 | - 543 | - 661 | - 688 | - 710 |
| Legal, accounting, management consulting and public relations | 176 | 158 | 176 | 186 | -84 | - 124 | -70 | -90 |
| Advertising, market research, and public opinion polling | 38 | 34 | 24 | 37 | -37 | -57 | -27 | -39 |
| Research and development | 50 | 66 | 79 | 80 | -19 | -21 | -38 | -37 |
| Architectural, engineering and other technical services | 118 | 134 | 133 | 185 | - 118 | - 139 | - 213 | - 103 |
| Agricultural, mining, and on-site processing | 28 | 9 | 9 | 23 | -46 | -38 | -38 | -86 |
| Services between affiliated enterprises n.i.e. | 175 | 259 | 209 | 212 | - 191 | - 209 | - 214 | - 242 |
| Other | 51 | 48 | 78 | 69 | -48 | -73 | -88 | - 113 |
| Personal, cultural, and recreational services | 152 | 165 | 149 | 142 | - 218 | - 250 | - 206 | - 226 |
| Audiovisual and related services | 24 | 17 | 26 | 21 | - 186 | - 215 | - 178 | - 182 |
| Other personal, cultural and recreational services | 128 | 148 | 123 | 121 | -32 | -35 | -28 | -44 |
| Government services n.i.e. | 189 | 219 | 187 | 183 | - 156 | - 190 | - 157 | - 168 |

(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.....

(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) 62526255 . 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 January seasonally adjusted estimate of the balance on goods and services 'improves' by $\$ 200$ million when compared with the December seasonally adjusted estimate. (An 'improvement' refers to an increase in a surplus or a decrease in a deficit.)

2 The January seasonally adjusted estimate of the balance on goods and services 'deteriorates' by $\$ 200$ million when compared with the December 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 <br> SERVICES



TREND AS PUBLISHED
\$m

| June 2002 | -701 |
| :--- | ---: |
| July 2002 | -770 |
| August 2002 | -890 |
| September 2002 | -1076 |
| October 2002 | -1329 |
| November 2002 | -1626 |
| December 2002 | -1926 |

January 2003

WHAT IF NEXT MONTH'S SEASONALLY adJUSTED ESTIMATE:

| $\mathbf{1}$ | $\mathbf{2}$ |
| :--- | :--- |
| improves by |  |
| $\$ 200 m$ on | deteriorates by |
| Dec 2002 | $\$ 200 m$ on |
| $\$ m$ | Dec 2002 |
|  | $\$ m$ |
| -698 | -698 |
| -751 | -743 |
| -858 | -845 |
| -1061 | -1054 |
| -1366 | -1384 |
| -1745 | -1804 |
| -2143 | -2255 |
| -2525 | -2693 |

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INTERNET www.abs.gov.au the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now-a statistical profile.

LIBRARY A range of ABS publications is available from public and tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.

CPI INFOLINE For current and historical Consumer Price Index data, call 1902981074 (call cost 77c per minute).

DIAL-A-STATISTIC For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900986400 (call cost 77c per minute).

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[^1]
[^0]:    (a) For sign conventions, see paragraph 8 of the Explanatory Notes.
    (b) Includes non-monetary gold.

[^1]:    © Commonwealth of Australia 2002

