## Australian Bureau of Statistics

## Inventories (volume terms)

Trend estimates


Company gross operating profits Trend estimates


I NQUIRIES

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## KEY FIGURES

$\left.\begin{array}{lrr} & \begin{array}{r}\text { Sep Qtr 17 to } \\ \text { Dec Qtr 17 } \\ \%\end{array} & \begin{array}{r}\text { Dec Qtr 16 to } \\ \text { Dec Qtr 17 }\end{array} \\ \%\end{array}\right)$

## KEY POINTS

## CHAIN VOLUME ESTIMATES

- The trend estimate for inventories remained relatively unchanged in the December quarter 2017. The seasonally adjusted estimate rose $0.2 \%$ this quarter.
- The trend estimate for Manufacturing sales of goods and services rose $1.0 \%$ this quarter. The seasonally adjusted estimate fell $0.5 \%$ this quarter.
- The trend estimate for Wholesale trade sales of goods and services fell $0.4 \%$ this quarter. The seasonally adjusted estimate fell $1.2 \%$.


## CURRENT PRICE ESTIMATES

- The seasonally adjusted estimate for company gross operating profits rose $2.2 \%$ in the December quarter 2017.
- The seasonally adjusted estimate for wages and salaries rose $1.0 \%$ in the December quarter 2017.

FORTHCOMING ISSUES

COMPARISON BETWEEN
COMPANY GROSS
OPERATING PROFITS AND
GROSS OPERATING
SURPLUS

| ISSUE (Quarter) | RELEASE DATE |
| :--- | :--- |
| March 2018 | 4 June 2018 |
| June 2018 | 3 September 2018 |
| September 2018 | 3 December 2018 |
| December 2018 | 4 March 2019 |

Valuation changes have had an impact on the value of inventories held by Australian businesses this quarter. An inventories valuation adjustment (IVA) is applied in the calculation of the gross operating surplus of private non-financial corporations (GOS) estimate in the Australian National Accounts. The IVA for the December quarter 2017 is $\$ 2,422 \mathrm{~m}$ which is $\$ 3,650 \mathrm{~m}$ higher than the September quarter 2017 IVA of $-\$ 1,228 \mathrm{~m}$.

No adjustment is made to the company gross operating profits (CGOP) estimate in this publication and, as a result, users should exercise caution when comparing CGOP and GOS. It should be noted that there are other differences between the two series. In particular, changes are made to GOS when annual benchmarks are applied and slightly different seasonal factors apply to the two series. Given this, while CGOP movements are an appropriate indicator for GOS, the two series will not have equivalent seasonally adjusted movements from quarter to quarter.

## ABBREVIATIONS

| ABN | Australian Business Number |
| ---: | :--- |
| ABS | Australian Bureau of Statistics |
| ANZSIC | Australian and New Zealand Standard Industrial Classification |
| CGOP | company gross operating profits |
| GOS | gross operating surplus |
| PAYGW | pay-as-you-go withholding |
| QBIS | Quarterly Business Indicators Survey |
| SISCA | Standard Institutional Sector Classification of Australia |
| TAU | type of activity unit |

David W. Kalisch
Australian Statistician
$\qquad$
Analysis by Industry
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## ANALYSIS BY INDUSTRY

FEATURED SERIES

TOTAL ALL INDUSTRIES

The following graphs and commentary refer to seasonally adjusted and trend estimates for sales of goods and services and inventories in volume terms, and wages and salaries and company gross operating profits in current price terms.

In current prices, the trend estimate for company gross operating profits fell $0.2 \%$ this quarter. The seasonally adjusted estimate rose $2.2 \%$. In current price terms, the trend estimate for wages and salaries rose $1.2 \%$ this quarter. The seasonally adjusted estimate rose $1.0 \%$.


In volume terms, the trend estimate for total inventories remained relatively unchanged this quarter. The seasonally adjusted estimate rose $0.2 \%$.


## ANALYSIS BY INDUSTRY continued

MINING
In current prices, the trend estimate for company gross operating profits fell $1.8 \%$ this quarter. The seasonally adjusted estimate rose $4.2 \%$. In current price terms, the trend estimate for wages and salaries rose $1.4 \%$ this quarter. The seasonally adjusted estimate rose $1.3 \%$.


In volume terms, the trend estimate for sales of goods and services rose $2.4 \%$ this quarter. The seasonally adjusted estimate fell $0.5 \%$. In volume terms, the trend estimate for inventories fell $0.5 \%$ this quarter. The seasonally adjusted estimate rose $4.9 \%$.


## ANALYSIS BY INDUSTRY continued

MANUFACTURING
In current prices, the trend estimate for company gross operating profits rose $0.4 \%$ this quarter. The seasonally adjusted estimate rose $9.5 \%$. In current price terms, the trend estimate for wages and salaries rose $0.5 \%$ this quarter. The seasonally adjusted estimate fell $0.2 \%$.


In volume terms, the trend estimate for sales of goods and services rose $1.0 \%$ this quarter. The seasonally adjusted estimate fell $0.5 \%$. In volume terms, the trend estimate for inventories rose $1.2 \%$ this quarter. The seasonally adjusted estimate remained relatively unchanged.


## ANALYSIS BY INDUSTRY continued

ELECTRICITY, GAS,
WATER AND WASTE
SERVICES

In current prices, the trend estimate for company gross operating profits rose $4.6 \%$ this quarter. The seasonally adjusted estimate rose $4.7 \%$. In current price terms, the trend estimate for wages and salaries rose $0.5 \%$ this quarter. The seasonally adjusted estimate rose $0.4 \%$.


In volume terms, the trend estimate for sales of goods and services fell $1.2 \%$ this quarter. The seasonally adjusted estimate fell $1.9 \%$. In volume terms, the trend estimate for inventories fell $0.9 \%$ this quarter. The seasonally adjusted estimate rose $4.1 \%$.


## ANALYSIS BY INDUSTRY continued

CONSTRUCTION
In current prices, the trend estimate for company gross operating profits fell $2.0 \%$ this quarter. The seasonally adjusted estimate fell $2.9 \%$. In current price terms, the trend estimate for wages and salaries rose $2.6 \%$ this quarter. The seasonally adjusted estimate rose $1.9 \%$.


In volume terms, the trend estimate for sales of goods and services rose $1.7 \%$ this quarter. The seasonally adjusted estimate rose $1.8 \%$.


## ANALYSIS BY INDUSTRY continued

wholesale trade
In current prices, the trend estimate for company gross operating profits rose $5.0 \%$ this quarter. The seasonally adjusted estimate rose $11.2 \%$. In current price terms, the trend estimate for wages and salaries fell $0.5 \%$ this quarter. The seasonally adjusted estimate fell $0.8 \%$.


In volume terms, the trend estimate for sales of goods and services fell $0.4 \%$ this quarter. The seasonally adjusted estimate fell $1.2 \%$. In volume terms, the trend estimate for inventories fell $0.6 \%$ this quarter. The seasonally adjusted estimate fell $0.1 \%$.


## ANALYSIS BY INDUSTRY continued

RETAIL trade
In current prices, the trend estimate for company gross operating profits rose $1.9 \%$ this quarter. The seasonally adjusted estimate rose $4.9 \%$. In current price terms, the trend estimate for wages and salaries rose $0.5 \%$ this quarter. The seasonally adjusted estimate rose $0.8 \%$.


In volume terms, the trend estimate for sales of goods and services rose $0.7 \%$ this quarter. The seasonally adjusted estimate rose $1.0 \%$. In volume terms, the trend estimate for inventories fell $0.5 \%$ this quarter. The seasonally adjusted estimate fell $0.5 \%$.


## ANALYSIS BY INDUSTRY continued

ACCOMMODATION AND FOOD SERVICES

In current prices, the trend estimate for company gross operating profits rose $6.4 \%$ this quarter. The seasonally adjusted estimate rose $18.0 \%$. In current price terms, the trend estimate for wages and salaries rose $1.9 \%$ this quarter. The seasonally adjusted estimate rose $1.9 \%$.


In volume terms, the trend estimate for sales of goods and services rose $1.1 \%$ this quarter. The seasonally adjusted estimate rose $0.9 \%$. In volume terms, the trend estimate for inventories fell $0.6 \%$ this quarter. The seasonally adjusted estimate fell $1.2 \%$.


## ANALYSIS BY INDUSTRY continued

TRANSPORT, POSTAL AND WAREHOUSING

In current prices, the trend estimate for company gross operating profits fell $0.8 \%$ this quarter. The seasonally adjusted estimate fell $1.7 \%$. In current price terms, the trend estimate for wages and salaries rose $1.2 \%$ this quarter. The seasonally adjusted estimate rose $1.7 \%$.


In volume terms, the trend estimate for sales of goods and services fell $0.6 \%$ this quarter. The seasonally adjusted estimate fell $1.8 \%$.


## ANALYSIS BY INDUSTRY continued

$\begin{array}{ll}\text { INFORMATION MEDIA AND } & \text { In current prices, the trend estimate for company gross operating profits fell } 1.6 \% \text { this } \\ \text { TELECOMMUNICATIONS } & \text { quarter. The seasonally adjusted estimate fell } 14.4 \% \text {. In current price terms, the trend } \\ & \text { estimate for wages and salaries fell } 0.6 \% \text { this quarter. The seasonally adjusted estimate } \\ & \text { rose } 0.9 \% .\end{array}$


In volume terms, the trend estimate for sales of goods and services rose $0.4 \%$ this quarter. The seasonally adjusted estimate rose $2.2 \%$.


## ANALYSIS BY INDUSTRY continued

FINANCIAL AND
INSURANCE SERVICES

In current prices, the trend estimate for company gross operating profits rose $1.9 \%$ this quarter. The seasonally adjusted estimate fell $15.5 \%$. In current price terms, the trend estimate for wages and salaries rose $2.0 \%$ this quarter. The seasonally adjusted estimate rose $1.9 \%$.


In volume terms, the trend estimate for sales of goods and services rose $1.1 \%$ this quarter. The seasonally adjusted estimate fell $1.9 \%$.


## ANALYSIS BY INDUSTRY continued

RENTAL, HIRING AND
REAL ESTATE SERVICES

In current prices, the trend estimate for company gross operating profits fell $2.6 \%$ this quarter. The seasonally adjusted estimate rose $6.5 \%$. In current price terms, the trend estimate for wages and salaries rose $1.8 \%$ this quarter. The seasonally adjusted estimate rose $3.6 \%$


In volume terms, the trend estimate for sales of goods and services rose $0.3 \%$ this quarter. The seasonally adjusted estimate rose $2.4 \%$.


## ANALYSIS BY INDUSTRY continued

PROFESSIONAL,
SCIENTIFIC AND
TECHNICAL SERVICES

In current prices, the trend estimate for company gross operating profits fell $2.4 \%$ this quarter. The seasonally adjusted estimate fell $11.0 \%$. In current price terms, the trend estimate for wages and salaries rose $2.1 \%$ this quarter. The seasonally adjusted estimate rose $0.2 \%$.


In volume terms, the trend estimate for sales of goods and services rose $0.8 \%$ this quarter. The seasonally adjusted estimate rose $0.4 \%$.


## ANALYSIS BY INDUSTRY continued

ADMINISTRATIVE AND SUPPORT SERVICES

In current prices, the trend estimate for company gross operating profits rose $10.0 \%$ this quarter. The seasonally adjusted estimate rose $18.7 \%$. In current price terms, the trend estimate for wages and salaries rose $0.2 \%$ this quarter. The seasonally adjusted estimate rose $0.9 \%$.


In volume terms, the trend estimate for sales of goods and services rose $0.3 \%$ this quarter. The seasonally adjusted estimate fell $0.6 \%$.


## ANALYSIS BY INDUSTRY continued

EDUCATION AND

## TRAINING

HEALTH CARE AND
SOCIAL ASSISTANCE

In current price terms, the trend estimate for wages and salaries rose $1.0 \%$ this quarter. The seasonally adjusted estimate rose $1.5 \%$.


In current price terms, the trend estimate for wages and salaries rose $1.0 \%$ this quarter. The seasonally adjusted estimate rose $1.8 \%$.


## ANALYSIS BY INDUSTRY continued

ARTS AND RECREATION SERVICES

In current prices, the trend estimate for company gross operating profits fell $1.5 \%$ this quarter. The seasonally adjusted estimate fell $6.0 \%$. In current price terms, the trend estimate for wages and salaries rose $1.1 \%$ this quarter. The seasonally adjusted estimate rose $1.4 \%$.


In volume terms, the trend estimate for sales of goods and services rose $1.3 \%$ this quarter. The seasonally adjusted estimate rose $2.8 \%$.


## ANALYSIS BY INDUSTRY continued

other services
In current prices, the trend estimate for company gross operating profits fell $0.5 \%$ this quarter. The seasonally adjusted estimate fell $3.2 \%$. In current price terms, the trend estimate for wages and salaries rose $1.6 \%$ this quarter. The seasonally adjusted estimate rose $0.7 \%$.


In volume terms, the trend estimate for sales of goods and services rose $1.6 \%$ this quarter. The seasonally adjusted estimate rose $2.0 \%$.


INVENTORIES, Chain volume measures(a)

|  | Mining | Manufacturing | Electricity, gas, water and waste services | Wholesale trade | Retail trade | Accommodation and food services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 13303 | 43694 | 1057 | 55139 | 37835 | 1731 | 154434 |
| March | 12681 | 43859 | 947 | 53856 | 36711 | 1656 | 151512 |
| June | 13001 | 43257 | 915 | 55100 | 35575 | 1664 | 151054 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 13358 | 42839 | 900 | 58123 | 37932 | 1651 | 156560 |
| December | 12143 | 41922 | 925 | 60389 | 38477 | 1556 | 157259 |
| March | 12622 | 42490 | 985 | 59139 | 37788 | 1560 | 156299 |
| June | 12982 | 43003 | 881 | 57684 | 36134 | 1594 | 154104 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 12844 | 43983 | 890 | 58833 | 37930 | 1564 | 157918 |
| December | 12859 | 43339 | 964 | 59840 | 38199 | 1581 | 158738 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| December | 13452 | 44204 | 1030 | 53866 | 36990 | 1702 | 152828 |
| March | 13076 | 43674 | 941 | 54325 | 36890 | 1651 | 152316 |
| June | 12987 | 43052 | 942 | 56082 | 36847 | 1677 | 153277 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 12847 | 42740 | 906 | 57899 | 37373 | 1669 | 155245 |
| December | 12260 | 42412 | 896 | 59043 | 37549 | 1534 | 155415 |
| March | 13045 | 42298 | 981 | 59709 | 37963 | 1555 | 157166 |
| June | 12947 | 42840 | 910 | 58733 | 37429 | 1606 | 156515 |
| 2017-18 |  |  |  |  |  |  | 1579 |

TREND

| 2015-16 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 13287 | 44247 | 1012 | 54111 | 36680 | 1677 | 152703 |
| March | 13197 | 43606 | 973 | 54646 | 36921 | 1685 | 152735 |
| June | 12938 | 43113 | 926 | 56014 | 37044 | 1667 | 153442 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 12699 | 42672 | 913 | 57785 | 37296 | 1625 | 154725 |
| December | 12692 | 42379 | 925 | 59016 | 37616 | 1583 | 155930 |
| March | 12741 | 42472 | 931 | 59337 | 37727 | 1564 | 156559 |
| June | 12779 | 42949 | 926 | 59018 | 37590 | 1576 | 156713 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 12756 | 43525 | 915 | 58644 | 37403 | 1582 | 156754 |
| December | 12698 | 44048 | 908 | 58318 | 37208 | 1572 | 156697 |

(a) Reference year for chain volume estimates is 2015-16


|  | Mining | Manufacturing | Electricity, gas, water and waste services | Wholesale trade | Retail trade | Accommodation and food services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 13006 | 43999 | 1056 | 55644 | 37967 | 1738 | 153410 |
| March | 12166 | 43672 | 962 | 53416 | 36277 | 1679 | 148173 |
| June | 12944 | 42806 | 921 | 54412 | 35492 | 1671 | 148247 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 14048 | 42899 | 936 | 57305 | 37981 | 1662 | 154832 |
| December | 15230 | 42545 | 959 | 59481 | 39012 | 1584 | 158812 |
| March | 16815 | 43527 | 1032 | 58433 | 38531 | 1605 | 159943 |
| June | 16339 | 44352 | 961 | 57268 | 36733 | 1631 | 157283 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 15679 | 45056 | 981 | 58112 | 38189 | 1607 | 159625 |
| December | 16312 | 45171 | 1065 | 59589 | 39266 | 1643 | 163046 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 13154 | 44489 | 1029 | 54409 | 37119 | 1709 | 151908 |
| March | 12138 | 43459 | 956 | 53925 | 36454 | 1674 | 148606 |
| June | 13091 | 42610 | 949 | 55379 | 36761 | 1684 | 150474 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 13814 | 42797 | 943 | 57072 | 37421 | 1679 | 153725 |
| December | 15362 | 43021 | 929 | 58152 | 38071 | 1561 | 157097 |
| March | 16757 | 43338 | 1027 | 58995 | 38709 | 1601 | 160426 |
| June | 16491 | 44197 | 992 | 58308 | 38050 | 1642 | 159680 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 15497 | 44922 | 988 | 57873 | 37685 | 1624 | 158588 |
| December | 16416 | 45694 | 1029 | 58201 | 38274 | 1620 | 161235 |

TREND

| 2015-16 |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| December | 13022 | 44437 | 1005 | 54522 | 36698 | 1681 | 151365 |
| March | 12630 | 43445 | 980 | 54478 | 36727 | 1698 | 149957 |
| June | 12896 | 42847 | 944 | 55341 | 36878 | 1680 | 150586 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 14012 | 42697 | 938 | 56904 | 37418 | 1642 | 153611 |
| December | 15431 | 42956 | 962 | 58193 | 38107 | 1609 | 157258 |
| March | 16257 | 43463 | 985 | 58626 | 38332 | 1601 | 159265 |
| June | 16332 | 44151 | 1000 | 58428 | 38175 | 1618 | 159703 |
| 2017-18 |  |  |  |  |  |  | 1630 |
| September | 16136 | 44916 | 1006 | 58152 | 38006 | 159846 |  |
| December | 15961 | 45645 | 1009 | 57930 | 37932 | 1627 | 160104 |

SALES OF GOODS AND SERVICES, Chain volume measures(a)

|  | Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 46273 | 87010 | 14379 | 83323 | 115827 | 102810 | 22913 | 33055 |
| March | 45201 | 77798 | 14770 | 70927 | 107638 | 91496 | 21787 | 30803 |
| June | 46720 | 83307 | 15541 | 81394 | 117992 | 94265 | 21665 | 31795 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 46116 | 83076 | 16224 | 80116 | 118918 | 95498 | 22677 | 32639 |
| December | 48165 | 84614 | 15690 | 80004 | 124558 | 104923 | 23142 | 33466 |
| March | 43220 | 74702 | 16758 | 71379 | 115186 | 93276 | 22183 | 31600 |
| June | 44157 | 81112 | 18234 | 83009 | 120697 | 95805 | 22510 | 32454 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 48293 | 84811 | 18424 | 83578 | 120572 | 97178 | 23528 | 33340 |
| December | 49207 | 85760 | 16416 | 88292 | 123178 | 108354 | 24745 | 33717 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 44576 | 83616 | 15050 | 79184 | 111830 | 94822 | 21911 | 31802 |
| March | 47107 | 83230 | 15264 | 78425 | 113600 | 95810 | 22226 | 31983 |
| June | 46989 | 83193 | 15286 | 78974 | 116332 | 96497 | 22323 | 32251 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 45523 | 81211 | 15321 | 79023 | 118561 | 97017 | 22602 | 32254 |
| December | 46379 | 81254 | 16417 | 76042 | 120266 | 96721 | 22147 | 32163 |
| March | 45104 | 80023 | 17205 | 79108 | 120834 | 97712 | 22614 | 32824 |
| June | 44421 | 81007 | 17941 | 80440 | 119500 | 98054 | 23181 | 32919 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 47667 | 82766 | 17503 | 82420 | 120385 | 98822 | 23464 | 32970 |
| December | 47420 | 82382 | 17163 | 83929 | 118913 | 99766 | 23686 | 32392 |
| TREND |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 45266 | 84160 | 15036 | 78695 | 112470 | 94885 | 22047 | 32037 |
| March | 46374 | 83324 | 15173 | 79068 | 113750 | 95834 | 22183 | 32028 |
| June | 46688 | 82571 | 15260 | 78696 | 116111 | 96431 | 22338 | 32108 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 46394 | 81725 | 15602 | 78010 | 118589 | 96815 | 22372 | 32231 |
| December | 45555 | 80774 | 16354 | 77734 | 120040 | 97094 | 22407 | 32397 |
| March | 45206 | 80580 | 17212 | 78513 | 120493 | 97496 | 22647 | 32692 |
| June | 45634 | 81228 | 17599 | 80428 | 120199 | 98148 | 23060 | 32872 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 46542 | 82037 | 17568 | 82361 | 119744 | 98891 | 23453 | 32821 |
| December | 47642 | 82849 | 17356 | 83749 | 119260 | 99588 | 23715 | 32611 |

(a) Reference year for chain volume estimates is 2015-16

SALES OF GOODS AND SERVICES, Chain volume measures(a) continued

|  | Information media and telecommunications | Financial and insurance services(b) | Rental, hiring and real estate services | Professional, scientific and hnical services | Administrative and support services | Arts and recreation services | Other services |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| ORIGINAL |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 19620 | 10888 | 21991 | 43972 | 20314 | 7903 | 12890 |
| March | 19032 | 9931 | 20934 | 39571 | 19055 | 7442 | 11915 |
| June | 19687 | 11211 | 22269 | 45183 | 20104 | 7280 | 12817 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 19378 | 11138 | 21160 | 44617 | 19867 | 7510 | 12437 |
| December | 20280 | 11113 | 22570 | 47129 | 19990 | 7863 | 12837 |
| March | 19325 | 10365 | 21904 | 42602 | 19144 | 7311 | 11637 |
| June | 20379 | 11873 | 22809 | 48168 | 20317 | 7065 | 12094 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 19505 | 12237 | 21943 | 47577 | 20437 | 7436 | 12740 |
| December | 20746 | 12206 | 23355 | 49097 | 20753 | 8060 | 12870 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 19121 | 10433 | 21470 | 42412 | 19751 | 7517 | 12705 |
| March | 19452 | 10698 | 21432 | 42753 | 19764 | 7538 | 12453 |
| June | 19499 | 11039 | 22045 | 43906 | 19973 | 7569 | 12817 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 19642 | 10960 | 21420 | 44211 | 19826 | 7519 | 12105 |
| December | 19755 | 10704 | 22015 | 45495 | 19453 | 7480 | 12639 |
| March | 19730 | 11151 | 22417 | 46024 | 19888 | 7396 | 12166 |
| June | 20218 | 11683 | 22579 | 46763 | 20155 | 7359 | 12093 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 19767 | 12025 | 22225 | 47220 | 20352 | 7447 | 12404 |
| December | 20208 | 11791 | 22761 | 47422 | 20236 | 7653 | 12653 |
| TREND |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 19120 | 10523 | 21434 | 42469 | 19817 | 7477 | 12657 |
| March | 19386 | 10729 | 21632 | 42877 | 19824 | 7552 | 12592 |
| June | 19548 | 10887 | 21677 | 43625 | 19833 | 7561 | 12531 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 19624 | 10892 | 21766 | 44475 | 19745 | 7526 | 12460 |
| December | 19744 | 10910 | 22015 | 45314 | 19691 | 7463 | 12346 |
| March | 19864 | 11185 | 22278 | 46092 | 19837 | 7395 | 12227 |
| June | 19950 | 11586 | 22452 | 46703 | 20098 | 7401 | 12245 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 20023 | 11865 | 22503 | 47148 | 20274 | 7475 | 12357 |
| December | 20095 | 11992 | 22573 | 47526 | 20339 | 7571 | 12554 |

(a) Reference year for chain volume estimates is 2015-16
(b) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry

SALES OF GOODS AND SERVICES, Chain volume measures - Percentage change from previous quarter(a)

| Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% | \% | \% | \% | \% | \% | \% | \% |

ORIGINAL

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 3.4 | -0.7 | -8.2 | 5.0 | 2.5 | 10.8 | 3.3 | 1.3 |
| March | -2.3 | -10.6 | 2.7 | -14.9 | -7.1 | -11.0 | -4.9 | -6.8 |
| June | 3.4 | 7.1 | 5.2 | 14.8 | 9.6 | 3.0 | -0.6 | 3.2 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -1.3 | -0.3 | 4.4 | -1.6 | 0.8 | 1.3 | 4.7 | 2.7 |
| December | 4.4 | 1.9 | -3.3 | -0.1 | 4.7 | 9.9 | 2.0 | 2.5 |
| March | -10.3 | -11.7 | 6.8 | -10.8 | -7.5 | -11.1 | -4.1 | -5.6 |
| June | 2.2 | 8.6 | 8.8 | 16.3 | 4.8 | 2.7 | 1.5 | 2.7 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 9.4 | 4.6 | 1.0 | 0.7 | -0.1 | 1.4 | 4.5 | 2.7 |
| December | 1.9 | 1.1 | -10.9 | 5.6 | 2.2 | 11.5 | 5.2 | 1.1 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 0.8 | -2.4 | 1.9 | 1.1 | -0.6 | 0.7 | -0.9 | -1.4 |
| March | 5.7 | -0.5 | 1.4 | -1.0 | 1.6 | 1.0 | 1.4 | 0.6 |
| June | -0.3 | 0.0 | 0.1 | 0.7 | 2.4 | 0.7 | 0.4 | 0.8 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -3.1 | -2.4 | 0.2 | 0.1 | 1.9 | 0.5 | 1.3 | 0.0 |
| December | 1.9 | 0.1 | 7.2 | -3.8 | 1.4 | -0.3 | -2.0 | -0.3 |
| March | -2.7 | -1.5 | 4.8 | 4.0 | 0.5 | 1.0 | 2.1 | 2.1 |
| June | -1.5 | 1.2 | 4.3 | 1.7 | -1.1 | 0.4 | 2.5 | 0.3 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 7.3 | 2.2 | -2.4 | 2.5 | 0.7 | 0.8 | 1.2 | 0.2 |
| December | -0.5 | -0.5 | -1.9 | 1.8 | -1.2 | 1.0 | 0.9 | -1.8 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 3.1 | -1.1 | 2.4 | 0.7 | 0.2 | 1.0 | -0.2 | 0.0 |
| March | 2.4 | -1.0 | 0.9 | 0.5 | 1.1 | 1.0 | 0.6 | 0.0 |
| June | 0.7 | -0.9 | 0.6 | -0.5 | 2.1 | 0.6 | 0.7 | 0.2 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -0.6 | -1.0 | 2.2 | -0.9 | 2.1 | 0.4 | 0.2 | 0.4 |
| December | -1.8 | -1.2 | 4.8 | -0.4 | 1.2 | 0.3 | 0.2 | 0.5 |
| March | -0.8 | -0.2 | 5.2 | 1.0 | 0.4 | 0.4 | 1.1 | 0.9 |
| June | 0.9 | 0.8 | 2.2 | 2.4 | -0.2 | 0.7 | 1.8 | 0.5 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 2.0 | 1.0 | -0.2 | 2.4 | -0.4 | 0.8 | 1.7 | -0.2 |
| December | 2.4 | 1.0 | -1.2 | 1.7 | -0.4 | 0.7 | 1.1 | -0.6 |

(a) Reference year for chain volume estimates is 2015-16

SALES OF GOODS AND SERVICES, Chain volume measures - Percentage change from previous quarter(a) continued


[^0](b) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry

| Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |

ORIGINAL

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 46322 | 87355 | 14360 | 83306 | 117303 | 103290 | 22931 | 33400 |
| March | 42768 | 77076 | 14717 | 70770 | 106661 | 90740 | 21982 | 30698 |
| June | 45748 | 82604 | 15633 | 81697 | 115715 | 93970 | 21710 | 31596 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 48026 | 83344 | 16712 | 80725 | 117621 | 95664 | 22780 | 32576 |
| December | 61211 | 85652 | 16213 | 81140 | 125079 | 105659 | 23591 | 33937 |
| March | 59396 | 76489 | 18084 | 72876 | 117255 | 94001 | 22773 | 31933 |
| June | 56127 | 83594 | 19731 | 85302 | 122878 | 96217 | 23063 | 32970 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 59912 | 86752 | 20875 | 86371 | 122013 | 97238 | 24206 | 34072 |
| December | 62024 | 89383 | 18974 | 91910 | 127686 | 109482 | 25710 | 35185 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 44675 | 83879 | 15010 | 79172 | 113226 | 95254 | 21952 | 32093 |
| March | 44699 | 82586 | 15207 | 78269 | 112567 | 95245 | 22356 | 31921 |
| June | 45925 | 82534 | 15381 | 79264 | 114180 | 96321 | 22368 | 32057 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 47471 | 81459 | 15798 | 79629 | 117309 | 96887 | 22740 | 32180 |
| December | 59013 | 82241 | 16961 | 77124 | 120789 | 97425 | 22605 | 32610 |
| March | 62183 | 81868 | 18553 | 80774 | 122981 | 98688 | 23137 | 33225 |
| June | 56543 | 83500 | 19412 | 82665 | 121682 | 98639 | 23761 | 33440 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 59115 | 84689 | 19815 | 85180 | 121876 | 98461 | 24169 | 33660 |
| December | 59873 | 85905 | 19874 | 87370 | 123371 | 100953 | 24644 | 33808 |
| TREND |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 45236 | 84387 | 14979 | 78626 | 113298 | 95097 | 22028 | 32094 |
| March | 44448 | 82909 | 15147 | 79065 | 113053 | 95624 | 22250 | 31994 |
| June | 45661 | 82087 | 15373 | 78920 | 114434 | 96136 | 22447 | 32011 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 50740 | 81832 | 15978 | 78622 | 117450 | 96881 | 22578 | 32248 |
| December | 56475 | 81828 | 17074 | 78842 | 120494 | 97712 | 22778 | 32660 |
| March | 59642 | 82322 | 18359 | 80150 | 122052 | 98190 | 23158 | 33106 |
| June | 59463 | 83392 | 19263 | 82639 | 122261 | 98640 | 23672 | 33440 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 58774 | 84619 | 19768 | 85160 | 122365 | 99280 | 24191 | 33659 |
| December | 58974 | 85885 | 20035 | 87217 | 122675 | 100135 | 24633 | 33817 |


|  | Information media and telecommunications | Financial and insurance services(a) | Rental, hiring and rea estate senvices | Professional, scientific and technical senvices | Administrative and support services | Arts and recreation services | Other senvices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 20049 | 10898 | 21959 | 43955 | 20291 | 7917 | 12876 |
| March | 18737 | 9921 | 20954 | 39530 | 19048 | 7435 | 11937 |
| June | 19337 | 11241 | 22336 | 45215 | 20171 | 7294 | 12843 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 18847 | 11250 | 21410 | 45008 | 20074 | 7580 | 12559 |
| December | 19692 | 11286 | 22898 | 47590 | 20240 | 7980 | 12979 |
| March | 18612 | 10575 | 22331 | 43093 | 19421 | 7447 | 11819 |
| June | 19653 | 12135 | 23420 | 48830 | 20676 | 7197 | 12322 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 18687 | 12586 | 22848 | 48652 | 21021 | 7625 | 13086 |
| December | 19782 | 12634 | 24449 | 50442 | 21454 | 8324 | 13271 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 19497 | 10442 | 21417 | 42199 | 19741 | 7468 | 12691 |
| March | 19273 | 10688 | 21524 | 42853 | 19704 | 7602 | 12475 |
| June | 19027 | 11069 | 22154 | 43974 | 20100 | 7600 | 12843 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 19200 | 11071 | 21589 | 44636 | 20012 | 7574 | 12223 |
| December | 19108 | 10871 | 22307 | 45735 | 19714 | 7516 | 12777 |
| March | 19161 | 11377 | 22937 | 46714 | 20108 | 7608 | 12355 |
| June | 19320 | 11941 | 23211 | 47455 | 20582 | 7506 | 12321 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 19073 | 12368 | 23075 | 48257 | 20949 | 7628 | 12741 |
| December | 19166 | 12204 | 23799 | 48502 | 20912 | 7830 | 13046 |
| TREND |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |
| December | 19285 | 10514 | 21392 | 42400 | 19782 | 7460 | 12645 |
| March | 19289 | 10736 | 21681 | 42905 | 19835 | 7573 | 12610 |
| June | 19172 | 10928 | 21790 | 43765 | 19928 | 7598 | 12581 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 19100 | 10993 | 21956 | 44759 | 19921 | 7579 | 12557 |
| December | 19151 | 11076 | 22326 | 45719 | 19919 | 7553 | 12487 |
| March | 19197 | 11404 | 22757 | 46668 | 20129 | 7538 | 12415 |
| June | 19196 | 11862 | 23113 | 47471 | 20515 | 7573 | 12492 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 19176 | 12204 | 23347 | 48110 | 20836 | 7654 | 12677 |
| December | 19140 | 12395 | 23593 | 48654 | 21041 | 7748 | 12981 |

(a) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry

|  |  | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian <br> Capital Territory |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 202953 | 157507 | 122840 | 39686 | 99341 | 9271 | 7483 | 7132 |
| March | 186110 | 142497 | 108265 | 35198 | 89317 | 8463 | 6577 | 6547 |
| June | 200856 | 152238 | 116739 | 37920 | 95826 | 8507 | 7357 | 7667 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 205104 | 155885 | 120066 | 36932 | 93153 | 7951 | 7648 | 7438 |
| December | 218619 | 163243 | 129482 | 39149 | 100044 | 8820 | 8237 | 7553 |
| March | 199709 | 152592 | 120767 | 37204 | 93412 | 7941 | 7200 | 7281 |
| June | 215748 | 162891 | 125224 | 39862 | 96273 | 8161 | 7392 | 8564 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 217395 | 164079 | 131565 | 39565 | 97930 | 8448 | 7824 | 9140 |
| December | 229482 | 173749 | 136243 | 41902 | 102724 | 9223 | 8127 | 9260 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 194663 | 150011 | 116791 | 38073 | 95856 | 8757 | 7052 | 7032 |
| March | 196621 | 150858 | 116045 | 36720 | 92706 | 8544 | 7143 | 7090 |
| June | 200340 | 152085 | 116858 | 37687 | 95977 | 8702 | 7461 | 7339 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 203492 | 155233 | 118167 | 37204 | 93052 | 8185 | 7415 | 7299 |
| December | 209513 | 155458 | 123142 | 37540 | 96398 | 8295 | 7760 | 7454 |
| March | 211168 | 161516 | 129324 | 38835 | 97006 | 8042 | 7814 | 7887 |
| June | 215059 | 162678 | 125376 | 39595 | 96490 | 8346 | 7500 | 8208 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 215898 | 163485 | 129534 | 39882 | 97839 | 8705 | 7588 | 8951 |
| December | 219666 | 165442 | 129560 | 40160 | 98874 | 8653 | 7653 | 9144 |
| TREND |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 195974 | 149652 | 117156 | 37510 | 95800 | 8615 | 7170 | 7029 |
| March | 196976 | 151052 | 116168 | 37424 | 94298 | 8664 | 7195 | 7179 |
| June | 199914 | 152407 | 116530 | 37227 | 93942 | 8541 | 7332 | 7233 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 204221 | 154356 | 119432 | 37320 | 94739 | 8339 | 7554 | 7341 |
| December | 208400 | 157196 | 123300 | 37861 | 95707 | 8177 | 7688 | 7507 |
| March | 211788 | 160148 | 126424 | 38633 | 96443 | 8178 | 7699 | 7841 |
| June | 214333 | 162434 | 127846 | 39427 | 97176 | 8364 | 7638 | 8322 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 216710 | 164056 | 128608 | 39922 | 97749 | 8562 | 7587 | 8791 |
| December | 219284 | 165073 | 129315 | 40199 | 98610 | 8743 | 7587 | 9180 |

(a) State sales data should be used with caution. See paragraph 13 of the Technical Note.

|  |  | Victoria | Queensland | South Australia | Western Australia | Tasmania(b) | Northern Territory(b) | Australian Capital Territory(b) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% |
|  | ORIGINAL |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 1.9 | 5.9 | 1.8 | 7.0 | 0.3 | 13.7 | -1.7 | 1.0 |
| March | -8.3 | -9.5 | -11.9 | -11.3 | -10.1 | -8.7 | -12.1 | -8.2 |
| June | 7.9 | 6.8 | 7.8 | 7.7 | 7.3 | 0.5 | 11.9 | 17.1 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 2.1 | 2.4 | 2.8 | -2.6 | -2.8 | -6.5 | 4.0 | -3.0 |
| December | 6.6 | 4.7 | 7.8 | 6.0 | 7.4 | 10.9 | 7.7 | 1.5 |
| March | -8.6 | -6.5 | -6.7 | -5.0 | -6.6 | -10.0 | -12.6 | -3.6 |
| June | 8.0 | 6.7 | 3.7 | 7.1 | 3.1 | 2.8 | 2.7 | 17.6 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 0.8 | 0.7 | 5.1 | -0.7 | 1.7 | 3.5 | 5.9 | 6.7 |
| December | 5.6 | 5.9 | 3.6 | 5.9 | 4.9 | 9.2 | 3.9 | 1.3 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | -1.4 | 1.3 | -1.6 | 1.9 | -3.1 | 4.4 | -4.3 | 1.0 |
| March | 1.0 | 0.6 | -0.6 | -3.6 | -3.3 | -2.4 | 1.3 | 0.8 |
| June | 1.9 | 0.8 | 0.7 | 2.6 | 3.5 | 1.8 | 4.5 | 3.5 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 1.6 | 2.1 | 1.1 | -1.3 | -3.0 | -5.9 | -0.6 | -0.6 |
| December | 3.0 | 0.1 | 4.2 | 0.9 | 3.6 | 1.3 | 4.7 | 2.1 |
| March | 0.8 | 3.9 | 5.0 | 3.4 | 0.6 | -3.1 | 0.7 | 5.8 |
| June | 1.8 | 0.7 | -3.1 | 2.0 | -0.5 | 3.8 | -4.0 | 4.1 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 0.4 | 0.5 | 3.3 | 0.7 | 1.4 | 4.3 | 1.2 | 9.1 |
| December | 1.7 | 1.2 | 0.0 | 0.7 | 1.1 | -0.6 | 0.9 | 2.2 |
| TREND |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 0.3 | 1.0 | -0.9 | 0.7 | -2.5 | 2.5 | -0.6 | 3.8 |
| March | 0.5 | 0.9 | -0.8 | -0.2 | -1.6 | 0.6 | 0.4 | 2.1 |
| June | 1.5 | 0.9 | 0.3 | -0.5 | -0.4 | -1.4 | 1.9 | 0.8 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 2.2 | 1.3 | 2.5 | 0.3 | 0.8 | -2.4 | 3.0 | 1.5 |
| December | 2.0 | 1.8 | 3.2 | 1.5 | 1.0 | -1.9 | 1.8 | 2.3 |
| March | 1.6 | 1.9 | 2.5 | 2.0 | 0.8 | 0.0 | 0.1 | 4.4 |
| June | 1.2 | 1.4 | 1.1 | 2.1 | 0.8 | 2.3 | -0.8 | 6.1 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 1.1 | 1.0 | 0.6 | 1.3 | 0.6 | 2.4 | -0.7 | 5.6 |
| December | 1.2 | 0.6 | 0.5 | 0.7 | 0.9 | 2.1 | 0.0 | 4.4 |

(a) State sales data should be used with caution. See paragraph 13 of the Technical Note.
(b) The relative standard error on the movement estimates for these states are significantly higher than those for the larger states, and the quarterly movement estimates should be used with caution.

| Mining | Manufacturing | Electricity， gas，water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport， postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \＄m | \＄m | \＄m | \＄m | \＄m | \＄m | \＄m | \＄m |

ORIGINAL

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | ＊2 273 | 5203 | 686 | 4062 | 4892 | 4907 | 1394 | 3059 |
| March | 3403 | 2845 | 1176 | 3010 | 3929 | 2639 | 1240 | 2680 |
| June | 4800 | 4176 | 1464 | 3332 | 4173 | 1214 | ＾711 | 2236 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 6220 | 5096 | 1748 | ＾2871 | 4845 | 2881 | 1385 | 2890 |
| December | 13297 | 5972 | 955 | 4399 | 4986 | 4998 | 1153 | 3102 |
| March | 19204 | 4533 | 1412 | ヘ 3006 | 4396 | 2848 | 779 | 2675 |
| June | 13478 | 5177 | 1534 | 3296 | 4741 | 3068 | 595 | 2194 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 16643 | 5685 | 2479 | ヘ 3062 | 5476 | 2887 | 877 | 2894 |
| December | 15103 | 6690 | 1577 | ヘ 3896 | 6481 | 5629 | 1337 | 3013 |

## SEASONALLY ADJUSTED

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 3017 | 4717 | 978 | 3564 | 4511 | 3210 | 1194 | 2620 |
| March | 3269 | 3628 | 1301 | 3523 | 4399 | 3238 | 1272 | 2893 |
| June | 4810 | 4349 | 1505 | 3235 | 4275 | 1488 | 977 | 2677 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 5186 | 4492 | 1228 | 2981 | 4663 | 3447 | 1293 | 2686 |
| December | 17346 | 5297 | 1362 | 3817 | 4596 | 3254 | 945 | 2679 |
| March | 18432 | 5820 | 1571 | 3484 | 4866 | 3480 | 814 | 2866 |
| June | 13584 | 5378 | 1559 | 3221 | 4840 | 3805 | 861 | 2644 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 13996 | 5058 | 1760 | 3215 | 5306 | 3455 | 790 | 2671 |
| December | 19377 | 5862 | 2212 | 3356 | 6075 | 3648 | 1120 | 2626 |

TREND

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 3918 | 4345 | 1234 | 3628 | 4472 | 3272 | 1187 | 2824 |
| March | 3570 | 4130 | 1271 | 3371 | 4391 | 2704 | 1188 | 2763 |
| June | 4261 | 4160 | 1321 | 3251 | 4415 | 2537 | 1167 | 2714 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 5426 | 4649 | 1368 | 3314 | 4524 | 2798 | 1100 | 2710 |
| December | （a） 17215 | 5275 | 1384 | 3457 | 4660 | 3295 | 995 | 2722 |
| March | 16437 | 5498 | 1463 | 3482 | 4757 | 3613 | 865 | 2749 |
| June | 15415 | 5462 | 1638 | 3347 | 5000 | 3594 | 821 | 2713 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 15521 | 5417 | 1839 | 3243 | 5398 | 3624 | 899 | 2661 |
| December | 16737 | 5491 | 2015 | 3274 | 5736 | 3602 | 995 | 2647 |

＾estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution
＊estimate has a relative standard error of $25 \%$ to $50 \%$ and should be used with caution
（a）Break in series between this quarter and preceding quarter．

| Information media and tele－ communications | Financial and insurance senvices（a） | Rental，hiring and real estate services | Professional， scientific and technical services | Administrative and support services | Arts and recreation services | Other services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \＄m | \＄m | \＄m | \＄m | \＄m | \＄m | \＄m | \＄m |

ORIGINAL

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 2588 | 1611 | 9299 | ＾1303 | 117 | 852 | ＾ 595 | 42840 |
| March | 1979 | ヘ－1725 | 4938 | ＊＊366 | ～ 483 | 763 | ヘ 736 | 28462 |
| June | 2407 | ＾ 648 | 6958 | ＾2376 | ＊＊332 | 714 | ＾557 | 36098 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 1648 | ＾2633 | 5318 | ＾1703 | － 721 | 884 | ＾ 865 | 41709 |
| December | 2623 | 3384 | 9658 | ヘ 2048 | ＊156 | 784 | ヘ 782 | 58297 |
| March | 2339 | ＾2 587 | 5870 | ヘ 3320 | － 720 | 743 | ＾522 | 54955 |
| June | 1701 | 1934 | 8533 | ＾3022 | ＊＊132 | 529 | ＾591 | 50524 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 2615 | 4496 | 5574 | ヘ 3752 | ～ 993 | 852 | ＾913 | 59200 |
| December | 2053 | 5533 | 10734 | ヘ 3406 | ＾ 955 | 806 | ＾676 | 67887 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2015－16 |  |  |  |  |  |  |  |  |
| December | 2330 | 1611 | 7943 | 1060 | 239 | 756 | 679 | 38427 |
| March | 1987 | －1725 | 5957 | 1042 | 265 | 806 | 692 | 32547 |
| June | 2335 | 648 | 6424 | 2419 | 637 | 883 | 755 | 37418 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 1981 | 2633 | 6319 | 1203 | 508 | 765 | 630 | 40014 |
| December | 2345 | 3384 | 8091 | 1855 | 288 | 698 | 864 | 56821 |
| March | 2353 | 2587 | 7001 | 3977 | 489 | 780 | 479 | 59001 |
| June | 1635 | 1934 | 7920 | 3037 | 444 | 695 | 781 | 52338 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 2951 | 4496 | 6675 | 3256 | 780 | 734 | 686 | 55828 |
| December | 1762 | 5533 | 9061 | 3258 | 1087 | 724 | 755 | 66456 |

TREND

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 2214 | －1810 | 5692 | 1275 | 219 | 772 | 704 | 33947 |
| March | 2169 | －240 | 5797 | 1363 | 369 | 819 | 690 | 34356 |
| June | 2136 | 971 | 6277 | 1500 | 478 | 821 | 720 | 36727 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 2214 | 2113 | 6862 | 1806 | 485 | 788 | 718 | 40876 |
| December | 2184 | 2918 | 7351 | 2355 | 414 | 744 | 691 | （b） 55661 |
| March | 2189 | 2685 | 7445 | 3006 | 391 | 725 | 669 | 55974 |
| June | 2230 | 2960 | 7431 | 3382 | 548 | 728 | 679 | 55948 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 2218 | 3973 | 7671 | 3308 | 773 | 724 | 711 | 57983 |
| December | 2171 | 5106 | 8179 | 3170 | 998 | 718 | 769 | 61609 |

＾estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution
＊estimate has a relative standard error of $25 \%$ to $50 \%$ and should be used with caution
＊＊estimate has a relative standard error greater than $50 \%$ and is considered too unreliable for general use
（a）See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry
（b）Break in series between this quarter and preceding quarter．

| Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% | \% | \% | \% | \% | \% | \% | \% |

ORIGINAL

| 2015-16 |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | -69.3 | -1.1 | -67.7 | 9.2 | 5.5 | -1.9 |  |
| March | 49.7 | -45.3 | 71.5 | -25.9 | -19.7 | -46.2 | -11.0 |
| June | 41.0 | 46.8 | 24.5 | 10.7 | 6.2 | -54.0 | -42.6 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 29.6 | 22.0 | 19.4 | -13.8 | 16.1 | 137.4 | -16.6 |
| December | 113.8 | 17.2 | -45.4 | 53.2 | 2.9 | 73.5 | -16.8 |
| March | 44.4 | -24.1 | 47.9 | -31.7 | -11.8 | -43.0 | -32.4 |
| June | -29.8 | 14.2 | 8.6 | 9.6 | 7.8 | 7.7 | -23.7 |
| 2017-18 |  |  |  |  |  |  | 7.2 |
| September | 23.5 | 9.8 | 61.6 | -7.1 | 15.5 | -5.9 | -18.0 |
| December | -9.3 | 17.7 | -36.4 | 27.2 | 18.3 | 95.0 | 47.5 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | -51.1 | 4.3 | -34.6 | -6.0 | 1.9 | -12.6 | 0.9 | -10.6 |
| March | 8.4 | -23.1 | 33.1 | -1.2 | -2.5 | 0.9 | 10.4 |  |
| June | 47.1 | 19.9 | 15.6 | -8.2 | -2.8 | -54.0 | -23.2 | -7.5 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 7.8 | 3.3 | -18.4 | -7.8 | 9.1 | 131.6 | 32.3 | 0.3 |
| December | 234.5 | 17.9 | 10.9 | 28.0 | -1.4 | -5.6 | -26.9 | -0.2 |
| March | 6.3 | 9.9 | 15.4 | -8.7 | 5.9 | 6.9 | -13.8 | 7.0 |
| June | -26.3 | -7.6 | -0.8 | -7.6 | -0.5 | 9.3 | 5.8 |  |
| 2017-18 |  |  |  |  |  | -7.7 |  |  |
| September | 3.0 | -6.0 | 12.9 | -0.2 | 9.6 | -9.2 | -8.2 |  |
| December | 38.4 | 15.9 | 25.7 | 4.4 | 14.5 | 5.6 | 41.7 | 1.0 |

## TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | -28.7 | -2.9 | -1.7 | -7.1 | -1.0 | -13.1 | 3.2 | 1.7 |
| March | -8.9 | -4.9 | 2.9 | -7.1 | -1.8 | -17.4 | 0.1 | -1.2 |
| June | 19.4 | 0.7 | 4.0 | -3.6 | 0.5 | -6.2 | -1.8 |  |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 27.4 | 11.7 | 3.6 | 1.9 | 2.5 | 10.3 | -5.7 | -0.1 |
| December | (a)na | 13.5 | 1.2 | 4.3 | 3.0 | 17.8 | -9.5 | 0.4 |
| March | -4.5 | 4.2 | 5.7 | 0.7 | 2.1 | 9.6 | -13.1 | 1.0 |
| June | -6.2 | -0.7 | 11.9 | -3.9 | 5.1 | -0.5 | -5.1 | -1.3 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 0.7 | -0.8 | 12.3 | -3.1 | 8.0 | 0.9 | 9.5 | -1.9 |
| December | 7.8 | 1.4 | 9.5 | 1.0 | 6.2 | -0.6 | 10.8 | -0.5 |

[^1](a) Break in series between this quarter and preceding quarter.

|  | Information media and telecommunications | Financial and insurance senvices(a) | Rental, hiring and real estate services | Professional, scientific and technical services | Administrative and support services | Arts and recreation services | Other services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% |
|  | ORIGINAL |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 38.6 | 132.0 | 81.0 | -38.5 | -73.6 | -1.7 | -38.8 | 15.9 |
| March | -23.5 | -207.1 | -46.9 | -71.9 | 312.1 | -10.5 | 23.7 | -33.6 |
| June | 21.7 | 137.6 | 40.9 | 548.3 | -31.3 | -6.4 | -24.3 | 26.8 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -31.5 | 306.1 | -23.6 | -28.3 | 117.4 | 23.9 | 55.2 | 15.5 |
| December | 59.2 | 28.5 | 81.6 | 20.3 | -78.4 | -11.3 | -9.6 | 39.8 |
| March | -10.8 | -23.5 | -39.2 | 62.1 | 361.4 | -5.3 | -33.3 | -5.7 |
| June | -27.3 | -25.3 | 45.4 | -9.0 | -81.6 | -28.8 | 13.2 | -8.1 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 53.8 | 132.5 | -34.7 | 24.2 | 650.6 | 61.1 | 54.6 | 17.2 |
| December | -21.5 | 23.1 | 92.6 | -9.2 | -3.8 | -5.4 | -26.0 | 14.7 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 6.0 | 132.0 | 34.3 | -34.8 | 0.0 | 0.6 | -6.6 | 11.1 |
| March | -14.7 | -207.1 | -25.0 | -1.7 | 11.1 | 6.5 | 1.8 | -15.3 |
| June | 17.5 | 137.6 | 7.8 | 132.2 | 140.3 | 9.6 | 9.2 | 15.0 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -15.2 | 306.1 | -1.6 | -50.3 | -20.3 | -13.4 | -16.6 | 6.9 |
| December | 18.4 | 28.5 | 28.0 | 54.2 | -43.3 | -8.8 | 37.1 | 42.0 |
| March | 0.3 | -23.5 | -13.5 | 114.3 | 69.9 | 11.8 | -44.6 | 3.8 |
| June | -30.5 | -25.3 | 13.1 | -23.6 | -9.2 | -10.9 | 63.1 | -11.3 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 80.5 | 132.5 | -15.7 | 7.2 | 75.5 | 5.5 | -12.2 | 6.7 |
| December | -40.3 | 23.1 | 35.7 | 0.1 | 39.4 | -1.3 | 10.0 | 19.0 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 0.5 | 26.1 | 3.3 | -22.1 | -22.5 | 4.7 | -3.2 | -5.7 |
| March | -2.0 | 86.8 | 1.8 | 6.9 | 68.5 | 6.1 | -2.0 | 1.2 |
| June | -1.5 | 505.3 | 8.3 | 10.0 | 29.7 | 0.2 | 4.3 | 6.9 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 3.6 | 117.7 | 9.3 | 20.4 | 1.5 | -4.1 | -0.2 | 11.3 |
| December | -1.4 | 38.1 | 7.1 | 30.4 | -14.7 | -5.6 | -3.8 | (b) na |
| March | 0.2 | -8.0 | 1.3 | 27.7 | -5.4 | -2.6 | -3.2 | 0.6 |
| June | 1.9 | 10.3 | -0.2 | 12.5 | 40.0 | 0.5 | 1.5 | 0.0 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | -0.5 | 34.2 | 3.2 | -2.2 | 41.1 | -0.5 | 4.8 | 3.6 |
| December | -2.1 | 28.5 | 6.6 | -4.2 | 29.0 | -0.8 | 8.1 | 6.3 |

na not available
(a) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry
(b) Break in series between this quarter and preceding quarter.

| Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |


| ORIGINAL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 15580 | 7688 | 2675 | 4711 | 5649 | 6035 | 1939 | 5676 |
| March | 13833 | 5344 | 2554 | 3596 | 4713 | 3608 | 1714 | 5035 |
| June | 15749 | 6669 | 3019 | 3749 | 5109 | 3785 | 1238 | 5161 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 20150 | 7650 | 3263 | 3382 | 5641 | 3868 | 1878 | 6035 |
| December | 28120 | 8377 | 2835 | 5047 | 5741 | 6044 | 1673 | 6364 |
| March | 28864 | 6671 | 2960 | 3800 | 4872 | 3809 | 1264 | 5346 |
| June | 24584 | 7395 | 3780 | 4150 | 5429 | 4039 | 1111 | 5178 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 27143 | 7872 | 4321 | 3885 | 6209 | 3925 | 1384 | 5870 |
| December | 28734 | 9120 | 3736 | $\wedge 4318$ | 7338 | 6722 | 1796 | 6256 |

SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 15209 | 6931 | 2902 | 4256 | 5258 | 4375 | 1703 | 5127 |
| March | 13992 | 6162 | 2804 | 4179 | 5152 | 4222 | 1758 | 5372 |
| June | 16947 | 7107 | 2961 | 3623 | 5300 | 4199 | 1483 | 5594 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 19240 | 7095 | 2854 | 3414 | 5409 | 4482 | 1786 | 5845 |
| December | 26735 | 7406 | 3041 | 4504 | 5255 | 4321 | 1456 | 5685 |
| March | 29839 | 7836 | 3294 | 4430 | 5423 | 4520 | 1311 | 5779 |
| June | 26471 | 7884 | 3689 | 4012 | 5630 | 4489 | 1330 | 5626 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 26009 | 7322 | 3805 | 3961 | 5983 | 4560 | 1320 | 5682 |
| December | 27108 | 8015 | 3983 | 3846 | 6656 | 4783 | 1557 | 5584 |

## TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 15238 | 6786 | 2911 | 4282 | 5345 | 4407 | 1694 | 5283 |
| March | 15234 | 6674 | 2870 | 3927 | 5232 | 4265 | 1680 | 5388 |
| June | 16226 | 6785 | 2863 | 3723 | 5261 | 4262 | 1663 | 5580 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 18028 | 7142 | 2911 | 3816 | 5314 | 4345 | 1602 | 5747 |
| December | (a) 27778 | 7529 | 3063 | 4132 | 5338 | 4421 | 1495 | 5769 |
| March | 27983 | 7682 | 3319 | 4323 | 5401 | 4456 | 1363 | 5727 |
| June | 27363 | 7724 | 3602 | 4173 | 5681 | 4513 | 1316 | 5679 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 26666 | 7712 | 3825 | 3944 | 6075 | 4612 | 1383 | 5644 |
| December | 26183 | 7739 | 4003 | 3864 | 6378 | 4700 | 1471 | 5599 |

- estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution
(a) Break in series between this quarter and preceding quarter.

| Information media and telecommunications | Financial and insurance services(a) | Rental, hiring and real estate services | Professional, scientific and hnical services | Administrative and support services | Arts and recreation services | Other services | Tota |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$n |


| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 5007 | 984 | 5455 | 2824 | *597 | 1110 | **415 | 66345 |
| March | 4427 | ~ 481 | 5031 | ヘ1789 | ^ 665 | 1022 | *636 | 54449 |
| June | 4882 | ^1216 | 5458 | 3292 | ^ 813 | 994 | **332 | 61466 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 4099 | ^ 952 | 5684 | ^2923 | ^ 907 | 1181 | ^ 955 | 68567 |
| December | 4959 | ^1548 | 6535 | 4707 | ^ 696 | 1080 | ^ 813 | 84540 |
| March | 4656 | 1487 | 6422 | 3799 | $\wedge 862$ | 1030 | ^ 561 | 76403 |
| June | 4859 | 1935 | 6267 | 4109 | ^ 697 | 823 | ^ 773 | 75130 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 4954 | 2656 | 5720 | 5027 | 1043 | 1171 | ^1001 | 82182 |
| December | 4858 | 1939 | 6548 | 4317 | ^1087 | 1087 | ^ 685 | 88542 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 4732 | 1060 | 5168 | 2463 | 621 | 1011 | 476 | 61290 |
| March | 4528 | 592 | 5181 | 2409 | 693 | 1064 | 684 | 58790 |
| June | 4722 | 1344 | 5620 | 3373 | 889 | 1165 | 465 | 64792 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 4439 | 636 | 5688 | 2555 | 784 | 1065 | 710 | 66001 |
| December | 4635 | 1605 | 6126 | 4361 | 714 | 984 | 867 | 77694 |
| March | 4812 | 1611 | 6683 | 4354 | 896 | 1076 | 626 | 82490 |
| June | 4709 | 2091 | 6441 | 4346 | 768 | 991 | 895 | 79371 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 5296 | 2338 | 5750 | 4555 | 925 | 1057 | 761 | 79323 |
| December | 4535 | 1974 | 6124 | 4052 | 1098 | 993 | 737 | 81045 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 4702 | 938 | 5255 | 2631 | 631 | 1033 | 571 | 61649 |
| March | 4637 | 914 | 5296 | 2571 | 729 | 1082 | 545 | 60624 |
| June | 4569 | 916 | 5464 | 2829 | 792 | 1100 | 606 | 62877 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 4574 | 1073 | 5811 | 3323 | 806 | 1078 | 681 | 69116 |
| December | 4606 | 1352 | 6227 | 3873 | 790 | 1037 | 745 | (b) 76023 |
| March | 4758 | 1730 | 6430 | 4335 | 789 | 1022 | 792 | 80135 |
| June | 4899 | 2043 | 6330 | 4472 | 850 | 1030 | 784 | 80719 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 4909 | 2151 | 6100 | 4348 | 936 | 1024 | 780 | 80105 |
| December | 4831 | 2191 | 5939 | 4242 | 1030 | 1009 | 776 | 79944 |

^ estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution

* estimate has a relative standard error of $25 \%$ to $50 \%$ and should be used with caution
** estimate has a relative standard error greater than $50 \%$ and is considered too unreliable for general use
(a) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry
(b) Break in series between this quarter and preceding quarter.

|  | Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | -13.5 | -1.6 | -22.5 | 7.8 | -2.9 | 50.4 | 9.7 | 1.5 |
| March | -11.2 | -30.5 | -4.5 | -23.7 | -16.6 | -40.2 | -11.6 | -11.3 |
| June | 13.8 | 24.8 | 18.2 | 4.3 | 8.4 | 4.9 | -27.8 | 2.5 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 28.0 | 14.7 | 8.1 | -9.8 | 10.4 | 2.2 | 51.7 | 16.9 |
| December | 39.6 | 9.5 | -13.1 | 49.2 | 1.8 | 56.3 | -10.9 | 5.5 |
| March | 2.6 | -20.4 | 4.4 | -24.7 | -15.1 | -37.0 | -24.5 | -16.0 |
| June | -14.8 | 10.9 | 27.7 | 9.2 | 11.4 | 6.0 | -12.1 | -3.1 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 10.4 | 6.5 | 14.3 | -6.4 | 14.4 | -2.8 | 24.6 | 13.4 |
| December | 5.9 | 15.9 | -13.5 | 11.1 | 18.2 | 71.3 | 29.7 | 6.6 |

SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -10.6 | -3.7 | -3.2 | -2.4 | -5.4 | -5.6 | 1.6 | -5.4 |
| March | -8.0 | -11.1 | -3.4 | -1.8 | -2.0 | -3.5 | 3.2 | 4.8 |
| June | 21.1 | 15.3 | 5.6 | -13.3 | 2.9 | -0.5 | -15.6 | 4.1 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 13.5 | -0.2 | -3.6 | -5.8 | 2.1 | 6.7 | 20.5 | 4.5 |
| December | 39.0 | 4.4 | 6.5 | 32.0 | -2.8 | -3.6 | -18.5 | -2.7 |
| March | 11.6 | 5.8 | 8.3 | -1.7 | 3.2 | 4.6 | -9.9 | 1.7 |
| June | -11.3 | 0.6 | 12.0 | -9.4 | 3.8 | -0.7 | 1.4 | -2.6 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | -1.7 | -7.1 | 3.1 | -1.3 | 6.3 | 1.6 | -0.8 | 1.0 |
| December | 4.2 | 9.5 | 4.7 | -2.9 | 11.2 | 4.9 | 18.0 | -1.7 |


| TREND |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | -5.3 | -2.0 | -1.6 | -7.1 | -2.7 | -4.0 | -0.9 | 0.5 |
| March | 0.0 | -1.6 | -1.4 | -8.3 | -2.1 | -3.2 | -0.8 | 2.0 |
| June | 6.5 | 1.7 | -0.2 | -5.2 | 0.6 | -0.1 | -1.0 | 3.5 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 11.1 | 5.3 | 1.7 | 2.5 | 1.0 | 1.9 | -3.6 | 3.0 |
| December | (a) na | 5.4 | 5.2 | 8.3 | 0.5 | 1.8 | -6.7 | 0.4 |
| March | 0.7 | 2.0 | 8.4 | 4.6 | 1.2 | 0.8 | -8.8 | -0.7 |
| June | -2.2 | 0.5 | 8.5 | -3.5 | 5.2 | 1.3 | -3.5 | -0.8 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | -2.5 | -0.1 | 6.2 | -5.5 | 6.9 | 2.2 | 5.1 | -0.6 |
| December | -1.8 | 0.4 | 4.6 | -2.0 | 5.0 | 1.9 | 6.4 | -0.8 |

[^2]|  | Information media and telecommunications | Financial and insurance services(a) | Rental, hiring and real estate services | Professional, scientific and technical services | Administrative and support services | Arts and recreation services | Other senvices | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% |
|  |  |  |  | ORIGINAL |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 12.7 | -25.2 | 0.3 | -7.8 | -15.3 | -2.2 | -52.7 | -2.2 |
| March | -11.6 | -51.1 | -7.8 | -36.6 | 11.4 | -7.9 | 53.3 | -17.9 |
| June | 10.3 | 152.7 | 8.5 | 83.9 | 22.2 | -2.7 | -47.8 | 12.9 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -16.0 | -21.7 | 4.1 | -11.2 | 11.6 | 18.8 | 187.1 | 11.6 |
| December | 21.0 | 62.5 | 15.0 | 61.0 | -23.2 | -8.5 | -14.8 | 23.3 |
| March | -6.1 | -3.9 | -1.7 | -19.3 | 23.8 | -4.6 | -31.0 | -9.6 |
| June | 4.4 | 30.1 | -2.4 | 8.2 | -19.1 | -20.1 | 37.8 | -1.7 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 2.0 | 37.2 | -8.7 | 22.3 | 49.7 | 42.2 | 29.5 | 9.4 |
| December | -1.9 | -27.0 | 14.5 | -14.1 | 4.2 | -7.1 | -31.6 | 7.7 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -1.0 | 1.9 | -4.3 | -12.4 | 8.3 | -1.0 | -24.7 | -5.9 |
| March | -4.3 | -44.2 | 0.2 | -2.2 | 11.7 | 5.2 | 43.7 | -4.1 |
| June | 4.3 | 127.1 | 8.5 | 40.0 | 28.2 | 9.6 | -32.0 | 10.2 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -6.0 | -52.7 | 1.2 | -24.2 | -11.8 | -8.6 | 52.9 | 1.9 |
| December | 4.4 | 152.5 | 7.7 | 70.7 | -8.9 | -7.6 | 22.0 | 17.7 |
| March | 3.8 | 0.4 | 9.1 | -0.2 | 25.5 | 9.4 | -27.7 | 6.2 |
| June | -2.1 | 29.8 | -3.6 | -0.2 | -14.3 | -7.9 | 42.9 | -3.8 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 12.5 | 11.8 | -10.7 | 4.8 | 20.5 | 6.7 | -15.0 | -0.1 |
| December | -14.4 | -15.5 | 6.5 | -11.0 | 18.7 | -6.0 | -3.2 | 2.2 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -0.6 | 2.4 | 0.2 | -6.1 | 6.5 | 2.2 | -8.7 | -3.0 |
| March | -1.4 | -2.6 | 0.8 | -2.3 | 15.5 | 4.8 | -4.6 | -1.7 |
| June | -1.5 | 0.2 | 3.2 | 10.1 | 8.8 | 1.6 | 11.2 | 3.7 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 0.1 | 17.1 | 6.4 | 17.4 | 1.7 | -1.9 | 12.3 | 9.9 |
| December | 0.7 | 26.0 | 7.2 | 16.5 | -1.9 | -3.9 | 9.5 | (b) na |
| March | 3.3 | 28.0 | 3.3 | 11.9 | -0.2 | -1.4 | 6.2 | 5.4 |
| June | 3.0 | 18.1 | -1.6 | 3.2 | 7.8 | 0.8 | -1.0 | 0.7 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 0.2 | 5.3 | -3.6 | -2.8 | 10.2 | -0.5 | -0.5 | -0.8 |
| December | -1.6 | 1.9 | -2.6 | -2.4 | 10.0 | -1.5 | -0.5 | -0.2 |

[^3](b) Break in series between this quarter and preceding quarter.

|  | Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | ^43 | ^ 678 | ^20 | ^2324 | ^512 | 1618 | ^950 | ^ 602 |
| March | ヘ 58 | ^466 | **59 | ^1341 | ^479 | 971 | ^ 808 | ^ 431 |
| June | *71 | ^351 | *96 | ^1030 | $\wedge 416$ | ^1023 | ^522 | ^447 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | **15 | ^510 | *46 | ^1114 | ^ 613 | ^982 | ^ 828 | ^ 395 |
| December | *79 | ^ 635 | *87 | 1508 | ^ 586 | ^1582 | ^1059 | ^467 |
| March | *57 | ^455 | ^ 206 | ^1481 | ^417 | ヘ1432 | ^518 | ^406 |
| June | *33 | ^ 575 | *56 | ^1311 | ^517 | ^1266 | 597 | ^343 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | *71 | ^495 | *49 | ^ 1203 | ^525 | ^1220 | ^ 670 | ^ 336 |
| December | **35 | ^ 718 | *81 | ^1329 | ^549 | ^1887 | ^1036 | ^353 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 43 | 605 | 32 | 2165 | 453 | 1258 | 762 | 531 |
| March | 58 | 558 | 47 | 1521 | 491 | 1081 | 848 | 489 |
| June | 71 | 346 | 71 | 993 | 513 | 1131 | 638 | 466 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 15 | 504 | 60 | 1139 | 569 | 1085 | 845 | 388 |
| December | 79 | 555 | 140 | 1338 | 516 | 1226 | 846 | 410 |
| March | 57 | 547 | 159 | 1648 | 427 | 1589 | 545 | 461 |
| June | 33 | 563 | 42 | 1297 | 640 | 1397 | 731 | 357 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 71 | 496 | 65 | 1222 | 488 | 1359 | 685 | 331 |
| December | 35 | 619 | 131 | 1154 | 483 | 1453 | 825 | 308 |
| TREND |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 45 | 574 | 60 | 1920 | 436 | 1201 | 787 | 521 |
| March | 54 | 504 | 46 | 1559 | 484 | 1145 | 761 | 494 |
| June | 53 | 457 | 55 | 1187 | 532 | 1084 | 775 | 450 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 53 | 469 | 94 | 1138 | 527 | 1141 | 779 | 421 |
| December | 52 | 529 | 122 | 1344 | 516 | 1296 | 748 | 419 |
| March | 55 | 556 | 114 | 1467 | 519 | 1418 | 692 | 412 |
| June | 54 | 544 | 90 | 1384 | 528 | 1446 | 669 | 381 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 48 | 551 | 79 | 1246 | 526 | 1418 | 721 | 337 |
| December | 47 | 572 | 94 | 1141 | 505 | 1395 | 795 | 299 |

estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution

* estimate has a relative standard error of $25 \%$ to $50 \%$ and should be used with caution
** estimate has a relative standard error greater than $50 \%$ and is considered too unreliable for general use



## ORIGINAL

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | ＊59 | ＊59 | 3409 | ＾ 899 | ＊143 | ＊114 | ＾414 | 11844 |
| March | ＊36 | ＊＊－60 | 3512 | ＾ 658 | ＊207 | ＊123 | ＾ 631 | 9719 |
| June | ＊21 | ＊＊77 | 4740 | ＾1295 | ＾262 | ＾140 | ＊286 | 10775 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | ＊59 | ＊＊49 | 4094 | ＾952 | ＊＊126 | ＾ 140 | ＾ 346 | 10270 |
| December | ＊61 | ＊223 | ヘ 3604 | ヘ 1384 | ＊284 | ＊107 | ＾273 | 11939 |
| March | ＊33 | ＊209 | ヘ 3845 | ＾1588 | － 337 | ヘ 140 | ＾200 | 11323 |
| June | ＊30 | ＊225 | ＾2841 | ＾1909 | ＾315 | ＊119 | ＾284 | 10419 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | ＊41 | ＊208 | 3168 | ＾2217 | ＾209 | ＊106 | ＾ 288 | 10808 |
| December | ＊30 | ＾ 196 | 3425 | ＾1529 | ＾217 | ＊84 | ＊131 | 11598 |

SEASONALLY ADJUSTED

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 59 | 8 | 3460 | 931 | 132 | 108 | 485 | 11033 |
| March | 36 | 5 | 3469 | 838 | 188 | 128 | 603 | 10359 |
| June | 21 | 58 | 4846 | 1251 | 280 | 148 | 320 | 11153 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 59 | 54 | 3974 | 770 | 137 | 130 | 286 | 10015 |
| December | 61 | 173 | 3669 | 1441 | 275 | 111 | 319 | 11158 |
| March | 33 | 271 | 3793 | 1754 | 319 | 140 | 195 | 11936 |
| June | 30 | 209 | 2944 | 1873 | 328 | 121 | 308 | 10873 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 41 | 211 | 3051 | 2024 | 223 | 98 | 241 | 10607 |
| December | 30 | 147 | 3494 | 1599 | 209 | 93 | 153 | 10733 |

TREND

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 41 | －20 | 3691 | 968 | 154 | 129 | 542 | 11047 |
| March | 33 | 29 | 3910 | 950 | 187 | 130 | 474 | 10760 |
| June | 40 | 38 | 4144 | 961 | 210 | 133 | 400 | 10519 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 47 | 94 | 4191 | 1096 | 222 | 132 | 306 | 10708 |
| December | 50 | 170 | 3870 | 1351 | 259 | 128 | 260 | 11113 |
| March | 43 | 227 | 3430 | 1694 | 301 | 125 | 268 | 11321 |
| June | 34 | 230 | 3233 | 1889 | 299 | 119 | 256 | 11157 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 33 | 198 | 3162 | 1870 | 253 | 105 | 229 | 10777 |
| December | 34 | 158 | 3230 | 1774 | 207 | 94 | 197 | 10542 |

－estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution
＊estimate has a relative standard error of $25 \%$ to $50 \%$ and should be used with caution
＊＊estimate has a relative standard error greater than $50 \%$ and is considered too unreliable for general use
（a）See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry

| Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% | \% | \% | \% | \% | \% | \% | \% |

ORIGINAL

| 2015-16 |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | 61.5 | 14.9 | -76.3 | 21.6 | 21.2 | 45.4 | 20.0 | 24.0 |
| March | 36.4 | -31.2 | 195.2 | -42.3 | -6.4 | -40.0 | -14.9 | -28.4 |
| June | 22.1 | -24.8 | 61.4 | -23.2 | -13.1 | 5.4 | -35.4 |  |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -78.8 | 45.5 | -52.4 | 8.2 | 47.5 | -4.0 | 58.7 | -11.6 |
| December | 428.2 | 24.5 | 91.2 | 35.4 | -4.4 | 61.1 | 27.9 | 18.1 |
| March | -28.8 | -28.4 | 136.4 | -1.8 | -28.9 | -9.5 | -51.0 | -13.0 |
| June | -42.1 | 26.4 | -72.9 | -11.5 | 23.9 | -11.5 | 15.2 | -15.5 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 118.0 | -14.0 | -11.7 | -8.2 | 1.7 | -3.6 | 12.3 | -1.9 |
| December | -51.4 | 45.1 | 63.5 | 10.4 | 4.5 | 54.6 | 54.5 | 4.8 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | 61.5 | 6.7 | -69.2 | 11.9 | 16.7 | 3.7 | -5.7 | 12.4 |
| March | 36.4 | -7.9 | 44.6 | -29.7 | 8.3 | -14.1 | 11.3 | -8.0 |
| June | 22.1 | -37.9 | 52.5 | -34.7 | 4.6 | 4.6 | -24.8 | -4.6 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -78.8 | 45.6 | -16.3 | 14.7 | 10.9 | -4.1 | 32.5 | -16.9 |
| December | 428.2 | 10.2 | 133.4 | 17.5 | -9.4 | 13.0 | 0.1 | 5.7 |
| March | -28.8 | -1.4 | 13.5 | 23.2 | -17.3 | 29.6 | -35.6 | 12.6 |
| June | -42.1 | 2.9 | -73.5 | -21.3 | 49.9 | -12.0 | 34.0 | -22.6 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 118.0 | -11.9 | 54.9 | -5.8 | -23.8 | -2.7 | -6.2 |  |
| December | -51.4 | 24.8 | 100.7 | -5.5 | -0.9 | 6.9 | 20.4 | -7.2 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | 54.3 | -5.0 | -26.3 | -2.6 | 1.2 | -0.1 | -2.9 | 9.2 |
| March | 19.0 | -12.2 | -23.4 | -18.8 | 11.1 | -4.6 | -3.2 | -5.2 |
| June | -1.3 | -9.4 | 21.6 | -23.9 | 9.9 | -5.4 | 1.9 | -8.8 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -0.6 | 2.5 | 70.2 | -4.1 | -1.0 | 5.2 | 0.4 | -6.5 |
| December | -0.7 | 12.9 | 29.1 | 18.2 | -2.1 | 13.6 | -4.0 | -0.5 |
| March | 5.5 | 5.1 | -6.2 | 9.1 | 0.6 | 9.4 | -7.5 | -1.5 |
| June | -2.4 | -2.2 | -21.6 | -5.6 | 1.8 | 2.0 | -3.2 | -7.5 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | -10.2 | 1.3 | -11.6 | -10.0 | -0.5 | -1.9 | 7.8 | -11.7 |
| December | -3.3 | 3.7 | 18.2 | -8.4 | -3.9 | -1.7 | 10.2 | -11.3 |


|  | Information media and telecommunications | Financial and insurance senvices(a) | Rental, hiring and rea estate service | $\begin{array}{r} \text { Professional, } \\ \text { scientific and } \\ \text { technical services } \end{array}$ | Administrative and support services | Arts and recreation services | Other services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 253.4 | 245.4 | -18.2 | -27.3 | 37.7 | -25.7 | -31.8 | 1.5 |
| March | -39.7 | -200.6 | 3.0 | -26.8 | 44.5 | 8.4 | 52.2 | -17.9 |
| June | -42.2 | 228.7 | 35.0 | 96.9 | 26.4 | 13.6 | -54.6 | 10.9 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 188.0 | -36.3 | -13.6 | -26.5 | -51.8 | 0.1 | 20.8 | -4.7 |
| December | 2.6 | 354.6 | -12.0 | 45.4 | 124.9 | -24.0 | -21.1 | 16.2 |
| March | -46.3 | -6.1 | 6.7 | 14.8 | 18.8 | 31.8 | -26.8 | -5.2 |
| June | -9.2 | 7.5 | -26.1 | 20.2 | -6.6 | -15.3 | 42.0 | -8.0 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 37.9 | -7.6 | 11.5 | 16.2 | -33.7 | -10.8 | 1.7 | 3.7 |
| December | -27.3 | -5.6 | 8.1 | -31.0 | 4.1 | -20.5 | -54.4 | 7.3 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | 253.4 | 122.3 | -14.6 | -13.5 | 15.7 | -24.5 | -2.6 | -3.0 |
| March | -39.7 | -30.7 | 0.3 | -10.0 | 42.7 | 17.8 | -6.1 |  |
| June | -42.2 | 983.3 | 39.7 | 49.3 | 48.8 | 15.6 | -46.9 |  |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 188.0 | -7.6 | -18.0 | -38.5 | -51.0 | -12.1 | -10.6 | -10.2 |
| December | 2.6 | 220.3 | -7.7 | 87.3 | 100.3 | -14.4 | 11.5 | -38.9 |
| March | -46.3 | 56.7 | 3.4 | 21.7 | 16.0 | 26.6 | 7.0 |  |
| June | -9.2 | -22.6 | -22.4 | 6.8 | 3.0 | -13.6 | -8.9 |  |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 37.9 | 1.0 | 3.7 | 8.0 | -32.1 | -19.2 | -21.6 |  |
| December | -27.3 | -30.4 | 14.5 | -21.0 | -6.4 | -5.5 | -36.7 | 1.2 |


|  | TREND |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | -21.9 | 79.4 | -0.6 | -3.4 | 22.7 | 4.5 | -1.5 | -0.2 |
| March | -17.6 | 247.4 | 5.9 | -1.8 | 21.4 | 0.9 | -12.6 | -2.6 |
| June | 21.1 | 31.9 | 6.0 | 1.2 | 12.0 | 2.2 | -15.6 | -2.2 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 16.4 | 144.7 | 1.1 | 14.0 | 6.1 | -0.7 | -23.4 | 1.8 |
| December | 7.2 | 81.2 | -7.7 | 23.3 | 16.4 | -3.0 | -15.0 | 3.8 |
| March | -15.0 | 34.1 | -11.4 | 25.3 | 16.3 | -1.7 | 2.9 | 1.9 |
| June | -20.5 | 1.2 | -5.8 | 11.5 | -0.6 | -5.4 | -4.6 | -1.5 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | -3.8 | -13.9 | -2.2 | -1.0 | -15.3 | -11.3 | -10.4 | -3.4 |
| December | 3.3 | -20.3 | 2.2 | -5.1 | -18.2 | -10.7 | -13.9 | -2.2 |

(a) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry

BUSINESS GROSS OPERATING PROFITS(a), Current prices

| Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |


| ORIGINAL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | 15622 | 8366 | 2696 | 7036 | 6160 | 7653 | 2889 | 6277 |
| March | 13891 | 5810 | 2613 | 4936 | 5191 | 4578 | 2522 | 5466 |
| June | 15819 | 7020 | 3115 | 4778 | 5525 | 4808 | 1760 | 5609 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 20166 | 8160 | 3308 | 4496 | 6254 | 4850 | 2706 | 6430 |
| December | 28200 | 9012 | 2922 | 6555 | 6328 | 7626 | 2732 | 6831 |
| March | 28921 | 7126 | 3166 | 5281 | 5289 | 5241 | 1783 | 5753 |
| June | 24617 | 7970 | 3836 | 5461 | 5946 | 5305 | 1708 | 5522 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 27215 | 8367 | 4370 | 5088 | 6734 | 5146 | 2055 | 6207 |
| December | 28769 | 9838 | 3816 | 5646 | 7887 | 8609 | 2832 | 6609 |

SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 15251 | 7536 | 2935 | 6421 | 5711 | 5633 | 2465 | 5658 |
| March | 14050 | 6720 | 2851 | 5700 | 5642 | 5303 | 2606 | 5861 |
| June | 17018 | 7453 | 3033 | 4617 | 5813 | 5330 | 2121 | 6060 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 19255 | 7599 | 2914 | 4553 | 5978 | 5567 | 2631 | 6233 |
| December | 26815 | 7961 | 3180 | 5843 | 5771 | 5547 | 2301 | 6095 |
| March | 29895 | 8384 | 3453 | 6078 | 5850 | 6108 | 1856 | 6240 |
| June | 26504 | 8447 | 3731 | 5309 | 6269 | 5887 | 2060 | 5983 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 26080 | 7819 | 3870 | 5183 | 6471 | 5919 | 2005 | 6013 |
| December | 27142 | 8634 | 4114 | 5001 | 7139 | 6236 | 2382 | 5892 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 15283 | 7360 | 2971 | 6202 | 5780 | 5608 | 2481 | 5804 |
| March | 15288 | 7178 | 2916 | 5486 | 5716 | 5410 | 2441 | 5882 |
| June | 16279 | 7242 | 2918 | 4910 | 5793 | 5346 | 2438 | 6030 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 18080 | 7611 | 3006 | 4953 | 5840 | 5485 | 2381 | 6168 |
| December | (b) 27830 | 8059 | 3185 | 5477 | 5853 | 5717 | 2242 | 6188 |
| March | 28038 | 8239 | 3433 | 5790 | 5920 | 5874 | 2055 | 6139 |
| June | 27417 | 8268 | 3692 | 5557 | 6209 | 5960 | 1985 | 6061 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 26714 | 8263 | 3904 | 5190 | 6600 | 6030 | 2104 | 5981 |
| December | 26230 | 8311 | 4096 | 5005 | 6883 | 6095 | 2266 | 5898 |

[^4]BUSINESS GROSS OPERATING PROFITS（a），Current prices continued

| Information media and tele－ communications | Financial and insurance services（b） | Rental，hiring and rea estate services | Professional， scientific and hnical services | Administrative and support services | Arts and recreation services | Other services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \＄m | \＄m | \＄m | \＄m | \＄m | \＄m | \＄m | \＄m |


| ORIGINAL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015－16 |  |  |  |  |  |  |  |  |
| December | 5066 | 1043 | 8864 | 3723 | ＊740 | 1224 | ＊829 | 78189 |
| March | 4463 | ＾422 | 8543 | ヘ2447 | ＾ 872 | 1145 | ＾1267 | 64168 |
| June | 4903 | ＾1293 | 10198 | 4586 | ＾1074 | 1134 | ＊619 | 72242 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 4158 | ＾1001 | 9778 | ヘ 3875 | ＾1033 | 1321 | 1300 | 78837 |
| December | 5019 | 1771 | 10140 | 6091 | ＾980 | 1186 | ＾1086 | 96478 |
| March | 4688 | 1696 | 10266 | 5387 | ＾1199 | 1171 | ＾761 | 87727 |
| June | 4889 | 2160 | 9107 | 6018 | ＾1012 | 942 | 1057 | 85549 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 4995 | 2864 | 8888 | 7244 | 1252 | 1277 | 1290 | 92990 |
| December | 4888 | 2136 | 9973 | 5846 | ヘ1304 | 1171 | ＾ 816 | 100140 |

## SEASONALLY ADJUSTED

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 4791 | 1068 | 8628 | 3394 | 752 | 1119 | 961 | 72322 |
| March | 4563 | 597 | 8650 | 3247 | 881 | 1191 | 1287 | 69149 |
| June | 4743 | 1402 | 10465 | 4624 | 1169 | 1313 | 785 | 75946 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 4498 | 690 | 9662 | 3325 | 921 | 1194 | 997 | 76015 |
| December | 4695 | 1778 | 9795 | 5802 | 988 | 1095 | 1186 | 88852 |
| March | 4845 | 1882 | 10476 | 6107 | 1215 | 1216 | 821 | 94426 |
| June | 4738 | 2300 | 9384 | 6219 | 1096 | 1112 | 1203 | 90244 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 5336 | 2549 | 8801 | 6579 | 1148 | 1155 | 1002 | 89930 |
| December | 4565 | 2121 | 9618 | 5651 | 1306 | 1086 | 889 | 91778 |

## TREND

| 2015－16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 4743 | 918 | 8946 | 3599 | 785 | 1161 | 1113 | 72696 |
| March | 4671 | 943 | 9206 | 3521 | 916 | 1212 | 1019 | 71383 |
| June | 4609 | 954 | 9608 | 3791 | 1002 | 1232 | 1006 | 73397 |
| 2016－17 |  |  |  |  |  |  |  |  |
| September | 4621 | 1166 | 10002 | 4419 | 1028 | 1210 | 987 | 79824 |
| December | 4657 | 1521 | 10097 | 5224 | 1049 | 1164 | 1005 | （c） 87136 |
| March | 4800 | 1957 | 9860 | 6029 | 1089 | 1147 | 1059 | 91456 |
| June | 4933 | 2273 | 9563 | 6361 | 1149 | 1148 | 1039 | 91876 |
| 2017－18 |  |  |  |  |  |  |  |  |
| September | 4942 | 2349 | 9262 | 6217 | 1190 | 1130 | 1009 | 90882 |
| December | 4865 | 2350 | 9169 | 6016 | 1237 | 1103 | 973 | 90486 |

＾estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution
＊estimate has a relative standard error of $25 \%$ to $50 \%$ and should be used with caution
（a）This is the sum of company and unincorporated gross operating profits．
（b）See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry
（c）Break in series between this quarter and preceding quarter．

|  | Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accommodation and food services | Transport, postal and warehousing |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |
| December | -13.4 | -0.4 | -23.8 | 12.0 | -1.3 | 49.3 | 12.9 | 3.3 |
| March | -11.1 | -30.6 | -3.1 | -29.8 | -15.7 | -40.2 | -12.7 | -12.9 |
| June | 13.9 | 20.8 | 19.2 | -3.2 | 6.4 | 5.0 | -30.2 | 2.6 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 27.5 | 16.2 | 6.2 | -5.9 | 13.2 | 0.9 | 53.8 | 14.6 |
| December | 39.8 | 10.4 | -11.7 | 45.8 | 1.2 | 57.2 | 1.0 | 6.2 |
| March | 2.6 | -20.9 | 8.4 | -19.4 | -16.4 | -31.3 | -34.8 | -15.8 |
| June | -14.9 | 11.8 | 21.2 | 3.4 | 12.4 | 1.2 | -4.2 | -4.0 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 10.6 | 5.0 | 13.9 | -6.8 | 13.3 | -3.0 | 20.3 | 12.4 |
| December | 5.7 | 17.6 | -12.7 | 11.0 | 17.1 | 67.3 | 37.8 | 6.5 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -10.5 | -2.9 | -5.4 | 2.0 | -3.9 | -3.7 | -0.8 | -4.0 |
| March | -7.9 | -10.8 | -2.9 | -11.2 | -1.2 | -5.9 | 5.7 | 3.6 |
| June | 21.1 | 10.9 | 6.4 | -19.0 | 3.0 | 0.5 | -18.6 | 3.4 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 13.1 | 2.0 | -3.9 | -1.4 | 2.8 | 4.4 | 24.1 | 2.8 |
| December | 39.3 | 4.8 | 9.1 | 28.3 | -3.5 | -0.4 | -12.5 | -2.2 |
| March | 11.5 | 5.3 | 8.6 | 4.0 | 1.4 | 10.1 | -19.3 | 2.4 |
| June | -11.3 | 0.8 | 8.1 | -12.7 | 7.2 | -3.6 | 11.0 | -4.1 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | -1.6 | -7.4 | 3.7 | -2.4 | 3.2 | 0.6 | -2.7 | 0.5 |
| December | 4.1 | 10.4 | 6.3 | -3.5 | 10.3 | 5.3 | 18.8 | -2.0 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -5.2 | -2.3 | -2.2 | -5.7 | -2.4 | -3.2 | -1.5 | 1.2 |
| March | 0.0 | -2.5 | -1.9 | -11.5 | -1.1 | -3.5 | -1.6 | 1.3 |
| June | 6.5 | 0.9 | 0.1 | -10.5 | 1.4 | -1.2 | -0.1 | 2.5 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 11.1 | 5.1 | 3.0 | 0.9 | 0.8 | 2.6 | -2.4 | 2.3 |
| December | (b) na | 5.9 | 6.0 | 10.6 | 0.2 | 4.2 | -5.8 | 0.3 |
| March | 0.7 | 2.2 | 7.8 | 5.7 | 1.1 | 2.7 | -8.4 | -0.8 |
| June | -2.2 | 0.4 | 7.5 | -4.0 | 4.9 | 1.5 | -3.4 | -1.3 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | -2.6 | -0.1 | 5.7 | -6.6 | 6.3 | 1.2 | 6.0 | -1.3 |
| December | -1.8 | 0.6 | 4.9 | -3.6 | 4.3 | 1.1 | 7.7 | -1.4 |

[^5]| Information <br> media and tele- <br> communications | Financial and <br> insurance <br> services(b) | Rental, hiring <br> and real | Professional, <br> scientific and | Administrative <br> and support <br> estate senvices | Arts and <br> recreation <br> senvices | Other <br> senvices | Total |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

ORIGINAL

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 13.6 | -18.2 | -7.7 | -13.4 | -8.5 | -5.0 | -44.1 | -1.6 |
| March | -11.9 | -59.6 | -3.6 | -34.3 | 17.8 | -6.4 | 52.8 | -17.9 |
| June | 9.9 | 206.7 | 19.4 | 87.4 | 23.2 | -1.0 | -51.2 | 12.6 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -15.2 | -22.6 | -4.1 | -15.5 | -3.9 | 16.5 | 110.2 | 9.1 |
| December | 20.7 | 76.8 | 3.7 | 57.2 | -5.1 | -10.2 | -16.5 | 22.4 |
| March | -6.6 | -4.2 | 1.2 | -11.5 | 22.3 | -1.3 | -30.0 | -9.1 |
| June | 4.3 | 27.3 | -11.3 | 11.7 | -15.6 | -19.5 | 38.9 | -2.5 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 2.2 | 32.6 | -2.4 | 20.4 | 23.8 | 35.5 | 22.0 | 8.7 |
| December | -2.1 | -25.4 | 12.2 | -19.3 | 4.2 | -8.2 | -36.7 | 7.7 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -0.1 | 6.2 | -8.7 | -12.7 | 9.5 | -3.9 | -15.0 | -5.5 |
| March | -4.7 | -44.1 | 0.3 | -4.3 | 17.1 | 6.4 | 33.9 | -4.4 |
| June | 3.9 | 134.9 | 21.0 | 42.4 | 32.6 | 10.2 | -39.0 | 9.8 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | -5.2 | -50.8 | -7.7 | -28.1 | -21.2 | -9.0 | 27.0 | 0.1 |
| December | 4.4 | 157.8 | 1.4 | 74.5 | 7.4 | -8.3 | 19.0 | 16.9 |
| March | 3.2 | 5.8 | 7.0 | 5.3 | 22.9 | 11.1 | -30.8 | 6.3 |
| June | -2.2 | 22.3 | -10.4 | 1.8 | -9.7 | -8.6 | 46.5 | -4.4 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 12.6 | 10.8 | -6.2 | 5.8 | 4.7 | 3.9 | -16.7 | -0.3 |
| December | -14.5 | -16.8 | 9.3 | -14.1 | 13.8 | -6.0 | -11.2 | 2.1 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -0.8 | 11.8 | -0.1 | -5.4 | 9.3 | 2.5 | -5.3 | -2.6 |
| March | -1.5 | 2.7 | 2.9 | -2.2 | 16.6 | 4.4 | -8.5 | -1.8 |
| June | -1.3 | 1.2 | 4.4 | 7.7 | 9.4 | 1.7 | -1.2 | 2.8 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 0.2 | 22.2 | 4.1 | 16.6 | 2.6 | -1.8 | -1.9 | 8.8 |
| December | 0.8 | 30.4 | 0.9 | 18.2 | 2.0 | -3.8 | 1.9 | (c) na |
| March | 3.1 | 28.7 | -2.3 | 15.4 | 3.9 | -1.5 | 5.4 | 5.0 |
| June | 2.8 | 16.2 | -3.0 | 5.5 | 5.5 | 0.1 | -1.9 | 0.5 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 0.2 | 3.3 | -3.1 | -2.3 | 3.5 | -1.6 | -2.9 | -1.1 |
| December | -1.6 | 0.0 | -1.0 | -3.2 | 4.0 | -2.4 | -3.6 | -0.4 |

na not available
(a) This is the sum of the company and unincorporated gross operating profits.
(b) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry
(c) Break in series between this quarter and preceding quarter.

|  | Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accom. and food services | Transport, postal and warehousing | Information media and telecom. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | 6056 | 13554 | 1183 | 14889 | 9172 | 10944 | 5763 | 6904 | 3212 |
| March | 5784 | 12816 | 1171 | 13918 | 8851 | 10377 | 5613 | 6606 | 3047 |
| June | 5752 | 13176 | 1197 | 14430 | 9456 | 10339 | 5461 | 6800 | 3087 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 5583 | 12959 | 1174 | 14699 | 9668 | 10625 | 5473 | 6696 | 3214 |
| December | 5478 | 13082 | 1276 | 14449 | 9376 | 11202 | 5564 | 6796 | 3197 |
| March | 5352 | 12223 | 1250 | 13375 | 8928 | 10608 | 5485 | 6583 | 3064 |
| June | 5591 | 12960 | 1316 | 14721 | 9296 | 10579 | 5535 | 6746 | 3269 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 5577 | 13064 | 1317 | 15214 | 9099 | 10697 | 5724 | 6912 | 3140 |
| December | 5663 | 13287 | 1336 | 15634 | 9072 | 11392 | 5967 | 7115 | 3234 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | 6081 | 13199 | 1171 | 14544 | 9105 | 10491 | 5635 | 6776 | 3146 |
| March | 5823 | 13318 | 1201 | 14709 | 9033 | 10527 | 5654 | 6806 | 3143 |
| June | 5686 | 13094 | 1188 | 14173 | 9353 | 10526 | 5524 | 6792 | 3063 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 5591 | 12893 | 1167 | 14511 | 9652 | 10754 | 5490 | 6639 | 3207 |
| December | 5485 | 12750 | 1260 | 14131 | 9309 | 10731 | 5448 | 6664 | 3127 |
| March | 5400 | 12704 | 1283 | 14129 | 9118 | 10753 | 5519 | 6782 | 3165 |
| June | 5526 | 12869 | 1306 | 14477 | 9192 | 10787 | 5605 | 6738 | 3244 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 5589 | 12991 | 1312 | 15001 | 9085 | 10824 | 5738 | 6859 | 3135 |
| December | 5662 | 12964 | 1317 | 15288 | 9014 | 10905 | 5847 | 6978 | 3162 |
| TREND |  |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | 6012 | 13276 | 1191 | 14517 | 9066 | 10403 | 5672 | 6781 | 3110 |
| March | 5856 | 13226 | 1184 | 14529 | 9176 | 10520 | 5619 | 6797 | 3131 |
| June | 5704 | 13097 | 1183 | 14442 | 9360 | 10610 | 5543 | 6748 | 3131 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 5565 | 12907 | 1201 | 14290 | 9455 | 10680 | 5484 | 6696 | 3136 |
| December | 5479 | 12758 | 1238 | 14180 | 9379 | 10742 | 5466 | 6683 | 3163 |
| March | 5452 | 12756 | 1281 | 14234 | 9218 | 10765 | 5515 | 6718 | 3184 |
| June | 5504 | 12847 | 1304 | 14508 | 9127 | 10787 | 5614 | 6787 | 3183 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 5584 | 12941 | 1312 | 14913 | 9087 | 10836 | 5729 | 6862 | 3177 |
| December | 5665 | 13007 | 1319 | 15304 | 9043 | 10885 | 5837 | 6943 | 3157 |


| Financial and insurance services | Rental, hiring and real estate services | Professional, scientific and technical services | Administrative and support services | Education and Training | Health Care and Social Assistance | Arts and recreation services | Other services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |


| ORIGINAL |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | 9049 | 3603 | 15395 | 9523 | 4754 | 10687 | 1505 | 4416 | 130611 |
| March | 8755 | 3293 | 14753 | 8778 | 4340 | 10418 | 1470 | 4057 | 124046 |
| June | 9156 | 3504 | 16050 | 9299 | 4770 | 11091 | 1470 | 4247 | 129283 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 9478 | 3557 | 15974 | 9298 | 4940 | 10920 | 1514 | 4126 | 129899 |
| December | 9394 | 3757 | 16424 | 9446 | 5203 | 11102 | 1632 | 4361 | 131738 |
| March | 8780 | 3446 | 15481 | 9124 | 4571 | 10886 | 1528 | 4084 | 124770 |
| June | 9187 | 3627 | 17038 | 9703 | 4908 | 11574 | 1549 | 4277 | 131877 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 9488 | 3628 | 17413 | 9646 | 4979 | 11386 | 1565 | 4414 | 133265 |
| December | 9951 | 3989 | 17641 | 9954 | 5276 | 11633 | 1655 | 4584 | 137383 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 8770 | 3438 | 15094 | 9241 | 4512 | 10639 | 1455 | 4294 | 127591 |
| March | 8962 | 3458 | 15417 | 9120 | 4671 | 10671 | 1494 | 4209 | 128215 |
| June | 9251 | 3482 | 15760 | 9287 | 4739 | 10909 | 1485 | 4235 | 128549 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 9456 | 3587 | 15868 | 9247 | 4896 | 10899 | 1528 | 4115 | 129501 |
| December | 9090 | 3574 | 16131 | 9163 | 4929 | 11047 | 1577 | 4222 | 128639 |
| March | 9021 | 3620 | 16186 | 9482 | 4910 | 11138 | 1552 | 4243 | 129002 |
| June | 9273 | 3612 | 16708 | 9695 | 4881 | 11382 | 1567 | 4269 | 131131 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 9453 | 3657 | 17305 | 9580 | 4937 | 11375 | 1578 | 4403 | 132818 |
| December | 9630 | 3788 | 17339 | 9667 | 5010 | 11579 | 1600 | 4435 | 134185 |

## TREND

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 8809 | 3389 | 15185 | 9159 | 4578 | 10593 | 1449 | 4264 | 127456 |
| March | 9002 | 3462 | 15398 | 9233 | 4646 | 10734 | 1481 | 4237 | 128231 |
| June | 9236 | 3517 | 15687 | 9218 | 4760 | 10845 | 1505 | 4195 | 128780 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 9285 | 3554 | 15902 | 9214 | 4870 | 10933 | 1531 | 4175 | 128880 |
| December | 9184 | 3590 | 16055 | 9298 | 4914 | 11045 | 1554 | 4191 | 128919 |
| March | 9117 | 3603 | 16328 | 9443 | 4912 | 11170 | 1565 | 4236 | 129496 |
| June | 9236 | 3629 | 16725 | 9584 | 4909 | 11311 | 1569 | 4304 | 130927 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 9440 | 3682 | 17123 | 9651 | 4939 | 11435 | 1579 | 4371 | 132663 |
| December | 9625 | 3748 | 17475 | 9672 | 4989 | 11547 | 1596 | 4442 | 134252 |


|  | Mining | Manufacturing | Electricity, gas, water and waste services | Construction | Wholesale trade | Retail trade | Accom. and food services | Transport, postal and warehousing | Information media and telecom |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% | \% |
|  | ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | -0.3 | 1.3 | -2.4 | 2.6 | 1.0 | 8.7 | 1.0 | 1.8 | 4.7 |
| March | -4.5 | -5.4 | -1.0 | -6.5 | -3.5 | -5.2 | -2.6 | -4.3 | -5.2 |
| June | -0.6 | 2.8 | 2.2 | 3.7 | 6.8 | -0.4 | -2.7 | 2.9 | 1.3 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | -2.9 | -1.7 | -1.9 | 1.9 | 2.2 | 2.8 | 0.2 | -1.5 | 4.1 |
| December | -1.9 | 1.0 | 8.6 | -1.7 | -3.0 | 5.4 | 1.7 | 1.5 | -0.5 |
| March | -2.3 | -6.6 | -2.0 | -7.4 | -4.8 | -5.3 | -1.4 | -3.1 | -4.2 |
| June | 4.5 | 6.0 | 5.3 | 10.1 | 4.1 | -0.3 | 0.9 | 2.5 | 6.7 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | -0.2 | 0.8 | 0.1 | 3.3 | -2.1 | 1.1 | 3.4 | 2.5 | -4.0 |
| December | 1.5 | 1.7 | 1.4 | 2.8 | -0.3 | 6.5 | 4.2 | 2.9 | 3.0 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 0.1 | -0.9 | -2.6 | 1.4 | 0.4 | 3.0 | -1.6 | 0.9 | 2.7 |
| March | -4.2 | 0.9 | 2.6 | 1.1 | -0.8 | 0.3 | 0.3 | 0.4 | -0.1 |
| June | -2.3 | -1.7 | -1.1 | -3.6 | 3.5 | 0.0 | -2.3 | -0.2 | -2.5 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | -1.7 | -1.5 | -1.8 | 2.4 | 3.2 | 2.2 | -0.6 | -2.3 | 4.7 |
| December | -1.9 | -1.1 | 7.9 | -2.6 | -3.6 | -0.2 | -0.8 | 0.4 | -2.5 |
| March | -1.5 | -0.4 | 1.8 | 0.0 | -2.1 | 0.2 | 1.3 | 1.8 | 1.2 |
| June | 2.3 | 1.3 | 1.8 | 2.5 | 0.8 | 0.3 | 1.6 | -0.6 | 2.5 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 1.1 | 0.9 | 0.4 | 3.6 | -1.2 | 0.3 | 2.4 | 1.8 | -3.4 |
| December | 1.3 | -0.2 | 0.4 | 1.9 | -0.8 | 0.8 | 1.9 | 1.7 | 0.9 |

## TREND

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | -1.8 | -0.1 | 0.2 | 0.7 | 0.5 | 1.2 | -0.2 | 1.0 | 1.5 |
| March | -2.6 | -0.4 | -0.6 | 0.1 | 1.2 | 1.1 | -0.9 | 0.2 | 0.7 |
| June | -2.6 | -1.0 | -0.1 | -0.6 | 2.0 | 0.9 | -1.4 | -0.7 | 0.0 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | -2.4 | -1.4 | 1.5 | -1.1 | 1.0 | 0.7 | -1.1 | -0.8 | 0.2 |
| December | -1.5 | -1.2 | 3.1 | -0.8 | -0.8 | 0.6 | -0.3 | -0.2 | 0.9 |
| March | -0.5 | 0.0 | 3.5 | 0.4 | -1.7 | 0.2 | 0.9 | 0.5 | 0.6 |
| June | 1.0 | 0.7 | 1.8 | 1.9 | -1.0 | 0.2 | 1.8 | 1.0 | 0.0 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 1.5 | 0.7 | 0.6 | 2.8 | -0.4 | 0.5 | 2.0 | 1.1 | -0.2 |
| December | 1.4 | 0.5 | 0.5 | 2.6 | -0.5 | 0.5 | 1.9 | 1.2 | -0.6 |


| Financial and insurance services | Rental, hiring and real estate senices | Professional, scientific and technical services | Administrative and support senvices | Education and Training | Health Care and Social Assistance | Arts and recreation services | Other services | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% | \% | \% | \% | \% | \% | \% | \% | \% |

## ORIGINAL

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December | 4.1 | 13.0 | 1.4 | 4.5 | 2.3 | 2.5 | 8.7 | 4.0 | -8.1 |
| March | -3.3 | -8.6 | -4.2 | -7.8 | -8.7 | -2.5 | -2.3 | -5.0 |  |
| June | 4.6 | 6.4 | 8.8 | 5.9 | 9.9 | 6.5 | 0.0 | 4.7 |  |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 3.5 | 1.5 | -0.5 | 0.0 | 3.5 | -1.5 | 3.0 | -2.9 | 0.5 |
| December | -0.9 | 5.6 | 2.8 | 1.6 | 5.3 | 1.7 | 7.8 | 5.7 | 1.4 |
| March | -6.5 | -8.3 | -5.7 | -3.4 | -12.1 | -2.0 | -6.4 | -6.3 | -5.3 |
| June | 4.6 | 5.2 | 10.1 | 6.3 | 7.4 | 6.3 | 1.4 | 4.7 | 5.7 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 3.3 | 0.0 | 2.2 | -0.6 | 1.5 | -1.6 | 1.0 | 3.2 | 1.1 |
| December | 4.9 | 9.9 | 1.3 | 3.2 | 6.0 | 2.2 | 5.7 | 3.8 | 3.1 |

## SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 1.0 | 7.1 | -0.1 | 2.0 | -2.2 | 2.3 | 4.3 | 1.4 | 0.9 |
| March | 2.2 | 0.6 | 2.1 | -1.3 | 3.5 | 0.3 | 2.7 | -2.0 | 0.5 |
| June | 3.2 | 0.7 | 2.2 | 1.8 | 1.5 | 2.2 | -0.6 | 0.6 | 0.3 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 2.2 | 3.0 | 0.7 | -0.4 | 3.3 | -0.1 | 2.9 | -2.8 | 0.7 |
| December | -3.9 | -0.4 | 1.7 | -0.9 | 0.7 | 1.4 | 3.2 | 2.6 | -0.7 |
| March | -0.8 | 1.3 | 0.3 | 3.5 | -0.4 | 0.8 | -1.6 | 0.5 | 0.3 |
| June | 2.8 | -0.2 | 3.2 | 2.3 | -0.6 | 2.2 | 1.0 | 0.6 | 1.7 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 1.9 | 1.2 | 3.6 | -1.2 | 1.1 | -0.1 | 0.7 | 3.1 | 1.3 |
| December | 1.9 | 3.6 | 0.2 | 0.9 | 1.5 | 1.8 | 1.4 | 0.7 | 1.0 |

TREND

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 0.9 | 3.8 | 0.5 | 2.0 | 0.1 | 1.8 | 3.9 | 0.5 | 0.8 |
| March | 2.2 | 2.2 | 1.4 | 0.8 | 1.5 | 1.3 | 2.2 | -0.6 | 0.6 |
| June | 2.6 | 1.6 | 1.9 | -0.2 | 2.5 | 1.0 | 1.7 | -1.0 | 0.4 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 0.5 | 1.1 | 1.4 | 0.0 | 2.3 | 0.8 | 1.7 | -0.5 | 0.1 |
| December | -1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 1.0 | 1.5 | 0.4 | 0.0 |
| March | -0.7 | 0.4 | 1.7 | 1.6 | 0.0 | 1.1 | 0.7 | 1.1 | 0.4 |
| June | 1.3 | 0.7 | 2.4 | 1.5 | -0.1 | 1.3 | 0.2 | 1.6 | 1.1 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 2.2 | 1.5 | 2.4 | 0.7 | 0.6 | 1.1 | 0.7 | 1.6 | 1.3 |
| December | 2.0 | 1.8 | 2.1 | 0.2 | 1.0 | 1.0 | 1.1 | 1.6 | 1.2 |


|  | New |  |  |  |  |  |  | ustrali |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | South <br> Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Capital Territory | Total |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| ORIGINAL |  |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | 44444 | 31616 | 23876 | 7659 | 17954 | 1890 | 1497 | 1675 | 130611 |
| March | 42445 | 30232 | 22583 | 7140 | 16803 | 1843 | 1381 | 1619 | 124046 |
| June | 43887 | 31614 | 23881 | 7458 | 17392 | 1840 | 1456 | 1754 | 129283 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 44321 | 32249 | 23920 | 7260 | 17008 | 1774 | 1567 | 1800 | 129899 |
| December | 45097 | 33260 | 23815 | 7428 | 16833 | 1890 | 1526 | 1887 | 131738 |
| March | 42849 | 31412 | 22483 | 7065 | 15941 | 1806 | 1385 | ^1830 | 124770 |
| June | 45252 | 33533 | 23516 | 7360 | 16792 | 1860 | 1541 | ^2024 | 131877 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 45317 | 33774 | 24125 | 7658 | 16772 | 1865 | 1678 | ^2074 | 133265 |
| December | 46689 | 35058 | 24756 | 7757 | 17291 | 1950 | 1697 | ^ 2183 | 137383 |

SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| December | 43343 | 30722 | 23419 | 7474 | 17570 | 1844 | 1448 | 1658 | 127591 |
| March | 43802 | 31328 | 23505 | 7425 | 17339 | 1863 | 1495 | 1687 | 128215 |
| June | 43548 | 31414 | 23730 | 7452 | 17226 | 1849 | 1481 | 1714 | 128549 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 44393 | 32252 | 23596 | 7165 | 17021 | 1792 | 1482 | 1790 | 129501 |
| December | 44005 | 32324 | 23361 | 7254 | 16466 | 1842 | 1476 | 1864 | 128639 |
| March | 44224 | 32562 | 23416 | 7344 | 16455 | 1827 | 1497 | 1906 | 129002 |
| June | 44911 | 33332 | 23362 | 7354 | 16632 | 1867 | 1564 | 1981 | 131131 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 45361 | 33761 | 23794 | 7559 | 16784 | 1885 | 1592 | 2065 | 132818 |
| December | 45574 | 34066 | 24285 | 7575 | 16910 | 1898 | 1638 | 2151 | 134185 |

## TREND

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| December | 43226 | 30733 | 23535 | 7508 | 17495 | 1850 | 1449 | 1657 | 127456 |
| March | 43669 | 31197 | 23550 | 7442 | 17393 | 1853 | 1479 | 1684 | 128231 |
| June | 43905 | 31651 | 23609 | 7349 | 17199 | 1838 | 1486 | 1726 | 128780 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 44017 | 32018 | 23574 | 7272 | 16894 | 1822 | 1479 | 1787 | 128880 |
| December | 44142 | 32353 | 23434 | 7244 | 16610 | 1821 | 1482 | 1851 | 128919 |
| March | 44398 | 32750 | 23347 | 7303 | 16491 | 1839 | 1508 | 1915 | 129496 |
| June | 44805 | 33213 | 23502 | 7411 | 16600 | 1863 | 1551 | 1985 | 130927 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 45279 | 33711 | 23802 | 7504 | 16769 | 1882 | 1596 | 2064 | 132663 |
| December | 45685 | 34160 | 24170 | 7592 | 16920 | 1902 | 1634 | 2139 | 134252 |

[^6]WAGES AND SALARIES BY STATE, Current prices - Percentage change from previous quarter

|  |  | Victoria | Queensland | South Australia | Western Australia | Tasmania(a) | Northern Territory (a) | Australian Capital Territory (a) | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | \% | \% | \% | \% | \% | \% | \% | \% |
|  | ORIGINAL |  |  |  |  |  |  |  |  |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | 4.8 | 4.7 | -0.3 | 0.1 | 2.2 | 4.1 | 0.1 | 0.8 | 3.1 |
| March | -4.5 | -4.4 | -5.4 | -6.8 | -6.4 | -2.5 | -7.7 | -3.3 | -5.0 |
| June | 3.4 | 4.6 | 5.7 | 4.5 | 3.5 | -0.1 | 5.4 | 8.3 | 4.2 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 1.0 | 2.0 | 0.2 | -2.7 | -2.2 | -3.6 | 7.6 | 2.6 | 0.5 |
| December | 1.8 | 3.1 | -0.4 | 2.3 | -1.0 | 6.5 | -2.6 | 4.9 | 1.4 |
| March | -5.0 | -5.6 | -5.6 | -4.9 | -5.3 | -4.5 | -9.2 | -3.1 | -5.3 |
| June | 5.6 | 6.8 | 4.6 | 4.2 | 5.3 | 3.0 | 11.2 | 10.6 | 5.7 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 0.1 | 0.7 | 2.6 | 4.1 | -0.1 | 0.3 | 8.9 | 2.5 | 1.1 |
| December | 3.0 | 3.8 | 2.6 | 1.3 | 3.1 | 4.6 | 1.2 | 5.3 | 3.1 |

SEASONALLY ADJUSTED

| 2015-16 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 1.9 | 1.7 | -0.9 | -1.1 | 0.0 | 0.7 | 2.4 | 0.4 | 0.9 |
| March | 1.1 | 2.0 | 0.4 | -0.7 | -1.3 | 1.0 | 3.2 | 1.8 | 0.5 |
| June | -0.6 | 0.3 | 1.0 | 0.4 | -0.7 | -0.7 | -1.0 | 1.6 | 0.3 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 1.9 | 2.7 | -0.6 | -3.9 | -1.2 | -3.1 | 0.1 | 4.4 | 0.7 |
| December | -0.9 | 0.2 | -1.0 | 1.2 | -3.3 | 2.8 | -0.4 | 4.1 | -0.7 |
| March | 0.5 | 0.7 | 0.2 | 1.2 | -0.1 | -0.8 | 1.4 | 2.3 | 0.3 |
| June | 1.6 | 2.4 | -0.2 | 0.1 | 1.1 | 2.2 | 4.5 | 3.9 | 1.7 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 1.0 | 1.3 | 1.8 | 2.8 | 0.9 | 1.0 | 1.8 | 4.2 | 1.3 |
| December | 0.5 | 0.9 | 2.1 | 0.2 | 0.8 | 0.7 | 2.9 | 4.2 | 1.0 |


| TREND |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |  |  |  |
| December | 1.6 | 1.6 | -0.3 | -0.4 | -0.8 | 1.5 | 2.3 | 0.7 | 0.8 |
| March | 1.0 | 1.5 | 0.1 | -0.9 | -0.6 | 0.2 | 2.0 | 1.6 | 0.6 |
| June | 0.5 | 1.5 | 0.3 | -1.2 | -1.1 | -0.8 | 0.5 | 2.5 | 0.4 |
| 2016-17 |  |  |  |  |  |  |  |  |  |
| September | 0.3 | 1.2 | -0.1 | -1.1 | -1.8 | -0.9 | -0.5 | 3.5 | 0.1 |
| December | 0.3 | 1.0 | -0.6 | -0.4 | -1.7 | -0.1 | 0.2 | 3.6 | 0.0 |
| March | 0.6 | 1.2 | -0.4 | 0.8 | -0.7 | 1.0 | 1.8 | 3.4 | 0.4 |
| June | 0.9 | 1.4 | 0.7 | 1.5 | 0.7 | 1.3 | 2.9 | 3.7 | 1.1 |
| 2017-18 |  |  |  |  |  |  |  |  |  |
| September | 1.1 | 1.5 | 1.3 | 1.3 | 1.0 | 1.0 | 2.9 | 4.0 | 1.3 |
| December | 0.9 | 1.3 | 1.5 | 1.2 | 0.9 | 1.1 | 2.4 | 3.6 | 1.2 |

(a) The relative standard errors on movement estimates for these states are significantly higher than those of the larger states, and the quarterly movement estimates should be used with caution.


| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 7.65 | 6.44 | 12.14 | 5.59 | 12.79 | 9.44 | 3.98 | 4.84 |
| March | 7.39 | 6.01 | 12.57 | 5.08 | 12.05 | 8.74 | 3.92 | 4.65 |
| June | 7.95 | 6.27 | 13.06 | 5.66 | 12.24 | 9.09 | 3.98 | 4.65 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 8.60 | 6.43 | 14.23 | 5.49 | 12.17 | 9.00 | 4.16 | 4.86 |
| December | 11.17 | 6.55 | 12.71 | 5.62 | 13.34 | 9.43 | 4.24 | 4.99 |
| March | 11.10 | 6.26 | 14.47 | 5.45 | 13.13 | 8.86 | 4.15 | 4.85 |
| June | 10.04 | 6.45 | 14.99 | 5.79 | 13.22 | 9.09 | 4.17 | 4.89 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 10.74 | 6.64 | 15.85 | 5.68 | 13.41 | 9.09 | 4.23 | 4.93 |
| December | 10.95 | 6.73 | 14.20 | 5.88 | 14.07 | 9.61 | 4.31 | 4.95 |

(a) Sales refer to Sales of goods and services.
(b) Ratio is calculated by dividing Sales by Wages and salaries.


SALES/WAGES AND SALARIES RATIO(a)(b), Current prices - Original continued

| Information media and telecommunications | Financial and insurance services(c) | Rental, hiring and real estate services | Professional, scientific and hnical services | Administrative and support services | Arts and recreation services | Other senvices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| 2015-16 |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| December | 6.24 | 1.20 | 6.09 | 2.86 | 2.13 | 5.26 | 2.92 |
| March | 6.15 | 1.13 | 6.36 | 2.68 | 2.17 | 5.06 | 2.17 |
| June | 6.26 | 1.23 | 6.38 | 2.82 |  |  |  |
| 2016-17 |  |  |  |  |  |  |  |
| September | 5.86 | 1.19 | 6.02 | 2.82 | 2.16 | 5.01 | 3.02 |
| December | 6.16 | 1.20 | 6.10 | 2.90 | 2.14 | 4.89 | 2.94 |
| March | 6.07 | 1.20 | 6.48 | 2.78 | 2.13 | 4.87 | 2.89 |
| June | 6.01 | 1.32 | 6.46 | 2.87 | 2.13 | 4.64 | 2.88 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 5.95 | 1.33 | 6.30 | 2.79 | 2.18 | 4.87 | 2.96 |
| December | 6.12 | 1.27 | 6.13 | 2.86 | 2.16 | 5.03 | 2.90 |

(a) Sales refer to Sales of goods and services.
(b) Ratio is calculated by dividing Sales by Wages and salaries.
(c) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry


| 2015-16 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | 0.34 | 0.10 | 0.19 | 0.08 | 0.05 | 0.07 | 0.13 | 0.19 |
| March | 0.32 | 0.08 | 0.18 | 0.07 | 0.05 | 0.05 | 0.11 | 0.18 |
| June | 0.35 | 0.08 | 0.20 | 0.06 | 0.05 | 0.05 | 0.08 | 0.18 |
| 2016-17 |  |  |  |  |  |  |  |  |
| September | 0.42 | 0.10 | 0.20 | 0.06 | 0.05 | 0.05 | 0.12 | 0.20 |
| December | 0.46 | 0.11 | 0.18 | 0.08 | 0.05 | 0.07 | 0.12 | 0.20 |
| March | 0.49 | 0.09 | 0.18 | 0.07 | 0.05 | 0.06 | 0.08 | 0.18 |
| June | 0.44 | 0.10 | 0.19 | 0.06 | 0.05 | 0.06 | 0.07 | 0.17 |
| 2017-18 |  |  |  |  |  |  |  |  |
| September | 0.45 | 0.10 | 0.21 | 0.06 | 0.06 | 0.05 | 0.08 | 0.18 |
| December | 0.46 | 0.11 | 0.20 | 0.06 | 0.06 | 0.08 | 0.11 | 0.19 |

[^7]BUSINESS GROSS OPERATING PROFITS/SALES RATIO(a)(b), Current prices - Original continued

|  | Information media and telecommunications | Financial and insurance senvices(c) | Rental, hiring and rea estate services | Professional, scientific and technical services | Administrative and support services | Arts and recreation services | Other senvices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |  |
| December | 0.25 | 0.10 | 0.40 | 0.08 | 0.04 | 0.15 | 0.06 |
| March | 0.24 | 0.04 | 0.41 | 0.06 | 0.05 | 0.15 | 0.11 |
| June | 0.25 | 0.12 | 0.46 | 0.10 | 0.05 | 0.16 | 0.05 |
| 2016-17 |  |  |  |  |  |  |  |
| September | 0.22 | 0.09 | 0.46 | 0.09 | 0.05 | 0.17 | 0.10 |
| December | 0.25 | 0.16 | 0.44 | 0.13 | 0.05 | 0.15 | 0.08 |
| March | 0.25 | 0.16 | 0.46 | 0.13 | 0.06 | 0.16 | 0.06 |
| June | 0.25 | 0.18 | 0.39 | 0.12 | 0.05 | 0.13 | 0.09 |
| 2017-18 |  |  |  |  |  |  |  |
| September | 0.27 | 0.23 | 0.39 | 0.15 | 0.06 | 0.17 | 0.10 |
| December | 0.25 | 0.17 | 0.41 | 0.12 | 0.06 | 0.14 | 0.06 |

(a) Sales refers to Sales of goods and services.
(b) Ratio is calculated by dividing Business gross operating profits by Sales.
(c) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry

INVENTORIES/SALES RATIO(a)(b), Current prices - Original

|  | Mining | Manufacturing | Electricity, gas, water and waste services | Wholesale trade | Retail trade | Accommodation and food senvices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2015-16 |  |  |  |  |  |  |
| December | 0.28 | 0.50 | 0.07 | 0.47 | 0.37 | 0.08 |
| March | 0.28 | 0.57 | 0.07 | 0.50 | 0.40 | 0.08 |
| June | 0.28 | 0.52 | 0.06 | 0.47 | 0.38 | 0.08 |
| 2016-17 |  |  |  |  |  |  |
| September | 0.29 | 0.51 | 0.06 | 0.49 | 0.40 | 0.07 |
| December | 0.25 | 0.50 | 0.06 | 0.48 | 0.37 | 0.07 |
| March | 0.28 | 0.57 | 0.06 | 0.50 | 0.41 | 0.07 |
| June | 0.29 | 0.53 | 0.05 | 0.47 | 0.38 | 0.07 |
| 2017-18 |  |  |  |  |  |  |
| September | 0.26 | 0.52 | 0.05 | 0.48 | 0.39 | 0.07 |
| December | 0.26 | 0.51 | 0.06 | 0.47 | 0.36 | 0.06 |

[^8]
## WHAT IF...? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

## TREND REVISIONS

The most recent seasonally adjusted and trend estimates are likely to be revised when original estimates for subsequent quarters become available. To assess reliability of the trend estimate at the current end, the 'what-if' chart presents trend estimates under different scenarios for the next quarter. The approximate effect of two possible scenarios on the current and previous trend estimates for total company gross operating profits and total inventories are presented below.

1. Next quarter's seasonally adjusted estimate of total inventories, and seasonally adjusted estimate for company gross operating profits respectively, are higher than the current quarter's estimate by the percentage shown.
2. Next quarter's seasonally adjusted estimate of total inventories, and seasonally adjusted estimate for company gross operating profits respectively, are lower than the current quarter's estimate by the percentage shown.

## INVENTORIES (CHAIN VOLUME MEASURES)



|  |  | WHAT IF NEXT QUARTER'S |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: |

COMPANY GROSS OPERATING PROFITS (CURRENT PRICES)

WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE:


| 2017 | Trend as published |  | WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE: <br> rises by $4.0 \%$ on this falls by $4.0 \%$ on <br> quarter (1) this quarter (2) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \% | \$m | \% | \$m | \% |
|  |  |  |  |  |  |  |
| March | 80135 | 5.4 | 80135 | 5.4 | 80135 | 5.4 |
| June | 80719 | 0.7 | 80750 | 0.8 | 81169 | 1.3 |
| September | 80105 | -0.8 | 80178 | -0.7 | 80033 | -1.4 |
| December | 79944 | -0.2 | 81370 | 1.5 | 79355 | -0.8 |

INTRODUCTION

SCOPE AND COVERAGE

1 This publication contains estimates of sales of goods and services, wages and salaries (from the December quarter 2001 issue), company profits, and the book value of inventories for selected industries in Australia. The series have been compiled from data collected by the Australian Bureau of Statistics (ABS) in its Quarterly Business Indicators Survey. The survey, which was fully implemented in the March quarter 2001, collects data from private sector businesses.

2 The Quarterly Business Indicators Survey, like most ABS economic collections, takes its frame from Employing and Non-Employing Units on the ABS Business Register which is primarily based on ABN registrations to the Australian Business Register, which is managed by the Australian Taxation Office (ATO). The frame is updated quarterly to take account of new businesses and changes in the characteristics of businesses, such as industry and size.

3 Businesses are removed from the frame when their ABN has been cancelled by the ATO. This may occur when the business requests for its ABN to be cancelled or otherwise does not remit either Income Tax Withholding, or Goods and Services Tax, for the previous five quarters.
4 The statistics in this publication exclude micro non-employing businesses. Though there are a substantial number of these businesses, it is expected that they would not contribute significantly to the estimates, although the impact would vary from industry to industry.
5 Inventories data are not collected from businesses with fewer than 20 employees, as smaller businesses generally have difficulty in providing accurate quarterly information on the level of their inventories. Estimates for these businesses are derived by applying sales information to an estimated inventories to sales ratio.

6 Profits data are not collected from employing businesses with less than 20 employees. Estimates for these businesses are derived by applying sales information to an estimated profits to sales ratio.
7 The industries and the data items collected, classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 (cat. no. 1292.0), included in this publication are:

| Industries | Sales of goods and services | Wages and salaries | Profits | Inventories |
| :---: | :---: | :---: | :---: | :---: |
| Mining (Division B) | Y | Y | Y | Y |
| Manufacturing (Division C) | Y | Y | Y | Y |
| Electricity, Gas, Water and Waste Services (Division D) |  |  |  |  |
| Electricity Supply (26) | Y | Y | Y | Y |
| Gas Supply (27) | Y | Y | Y | Y |
| Water Supply, Sewerage and Drainage Services (28) | Y | Y | Y | N |
| Waste Collection, Treatment and Disposal Services (29) | Y | Y | Y | N |
| Construction (Division E) | Y | Y | Y | N |
| Wholesale Trade (Division F) | Y | Y | Y | Y |
| Retail Trade (Division G) | Y | Y | Y | Y |
| Accommodation and Foods Services (Division H) | Y | Y | Y | Y |
| Transport, Postal and Warehousing (Division I) | Y | Y | Y | N |
| Information Media and Telecommunications (Division J) | Y | Y | Y | N |
| Finance and Insurance Services (Div. K) |  |  |  |  |
| Depository Financial Intermediation (622) | N | Y | N | N |
| Non-Depository Financing (623) | Y | Y | Y | N |
| Financial Asset Investing (624) | Y | Y | Y | N |
| Insurance and Super. Funds (63) | N | Y | N | N |
| Auxiliary Finance and Insurance Services (64) | Y | Y | Y | N |
| Rental, Hiring and Real Estate Services (Division L) | Y | Y | Y | N |
| Professional, Scientific and Technical Services (Division M) | Y | Y | Y | N |
| Administrative and Support Services (Division N) | Y | Y | Y | N |
| Education and Training (Division P) | N | Y | N | N |
| Health Care and Social Assistance (Division Q) | N | Y | N | N |
| Arts and Recreational Services (Division R) | Y | Y | Y | N |
| Other Services (Division S) | Y | Y | Y | N |

8 In the Quarterly Business Indicators Survey the statistical unit used to represent businesses, and for which statistics are reported, is the Australian Business Number ( ABN ) unit, in most cases. The ABN unit is the business unit which has registered for an ABN, and thus appears on the ATO administered Australian Business Register. This unit is suitable for ABS statistical needs when the business is simple in structure.

9 For more significant and diverse businesses where the ABN unit is not suitable for ABS statistical needs, the statistical unit used is the Type of Activity Unit (TAU). A TAU is comprised of one or more business entities, sub-entities or branches of a business entity within an Enterprise Group that can report production and employment data for similar economic activities. When a minimum set of data items is available, a TAU is created which covers all the operations within an industry subdivision (and the TAU is classified to the relevant subdivision of the Australian and New Zealand Standard Industrial Classification (ANZSIC)). Where a business cannot supply adequate data for each industry, a TAU is formed which contains activity in more than one industry subdivision and the TAU is classified to the predominant ANZSIC subdivision. The businesses that contribute to the statistics in this publication are classified:

- by institutional sector, in accordance with the Standard Institutional Sector Classification of Australia (SISCA), which is detailed in Standard Economic Sector Classifications of Australia (SESCA) (cat. no. 1218.0)
- by industry, in accordance with the Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 (cat.no. 1292.0).

SAMPLE REVISION

SEASONAL ADJUSTMENT

10 The Australian and New Zealand Standard Industrial Classification has been developed for use in both countries for the production and analysis of industry statistics. For more information, users are referred to Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 (cat. no. 1292.0).

11 In order to classify data by industry, each statistical unit (as defined above) is classified to the Australian and New Zealand Standard Industrial Classification industry in which it mainly operates.

12 The survey is conducted by web form on a quarterly basis. It is based on a random sample of approximately 15,000 units which is stratified by industry, state/territory and number of employees.

13 Respondents are asked to provide data on the same basis as their own management accounts. Where a selected unit does not respond in a given survey period, a value is estimated. If data are subsequently provided, the estimated value is replaced with the reported data. Aggregates are calculated from all data using the 'number raised' estimation technique. Data are edited at both individual unit level and aggregate level.

14 Surveys are conducted in respect of each quarter and returns are completed during the eight or nine week period after the end of the quarter to which survey data relate e.g. December quarter survey returns are completed during January and February.

15 The survey frames and samples are revised each quarter to ensure that they remain representative of the survey population. The timing for creating each quarter's survey frame is consistent with that of other ABS business surveys. This provides for greater consistency when comparing data across surveys.

16 Additionally, with these revisions to the sample, some of the units from the sampled sector are rotated out of the survey and are replaced by others, to spread the reporting workload equitably.

17 The quarterly original estimates in this publication are affected in varying degrees by seasonal influences. The seasonal adjustment process estimates and removes the effects of normal seasonal variations from the original estimates so that the effects of other influences can be more clearly recognised.
18 In the seasonal adjustment process, account has been taken of normal seasonal factors (e.g. increase in retail sales due to the Christmas period) to produce the seasonally adjusted estimates. Particular care should be taken in interpreting quarterly movements in the seasonally adjusted estimates because seasonal adjustment does not remove the effect of irregular or non-seasonal influences (e.g. change in interest rates) and reflects the sampling and other errors to which the original estimates are subject.

19 In this publication, the seasonally adjusted estimates are produced by the concurrent seasonal adjustment method which takes account of the latest available original estimates. This method improves the estimation of seasonal factors, and therefore, the seasonally adjusted and trend estimates for the current and previous quarters. As a result of this improvement, revisions to the seasonally adjusted and trend estimates will be observed for recent periods. A more detailed review is conducted annually prior to the September quarter release using data up to and including the June quarter.
20 The revision properties of the seasonally adjusted and trend estimates can be improved by the use of autoregressive integrated moving average (ARIMA) modelling. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The projected values are temporary, intermediate values, that are only used internally to improve the estimation of the seasonal factors. The projected data do not affect the original estimates and are discarded at the end of the seasonal

SEASONAL ADJUSTMENT continued

TREND ESTIMATES

CHAIN VOLUME MEASURES
adjustment process. The Quarterly Business Indicators Survey uses ARIMA modelling where appropriate for individual time series. The ARIMA model is assessed as part of the annual reanalysis and following the 2016 annual reanalysis, the majority of the Quarterly Business Indicators Survey eligible series use an ARIMA model. For more information on the details of ARIMA modelling see Feature article: Use of ARIMA modelling to reduce revisions in the October 2004 issue of Australian Economic Indicators (cat. no. 1350.0).

21 The trend estimates are derived by applying a 7-term Henderson moving average to the seasonally adjusted estimates. The 7-term Henderson moving average is symmetric, but as the end of a time series is approached, asymmetric forms of the moving average are applied. The asymmetric moving average has been tailored to suit the particular characteristics of individual series and enable trend estimates for recent quarters to be produced. Estimates of the trend will be improved at the current end of the time series as additional observations become available. This improvement is due to the combined effect of the concurrent seasonal adjustment methodology and the application of different asymmetric moving averages for the most recent three quarters. As a result of the improvement, revisions to the trend estimates will generally be observed for the most recent three quarters. ABS research shows that about $75 \%$ of the total revision to the trend estimate at the current end is due to the use of different asymmetric moving averages when the original estimate is available for the next quarter.

22 There may also be revisions because of changes in the original estimates. As a result of these revisions, the seasonally adjusted and trend estimates will also be revised. For further information, see Information Paper: A Guide to Interpreting Time Series Monitoring Trends (cat. no. 1349.0).

23 The chain volume measures appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in the chosen reference year (currently 2015-16). The current price values may be thought of as being the product of a price and quantity. The value in chain volume terms can be derived by linking together movements in volumes, calculated using the average prices of the previous financial year and applying compound movements to the current price estimates of the reference year. Each year's quarter-to-quarter growth rates in the chain volume series are based on the prices of the previous financial year, except for those quarters of the latest incomplete year which are based upon the second most recent financial year. Quarterly chain volume estimates are benchmarked to annual chain volume estimates, so that the quarterly estimates for a financial year sum to the corresponding annual estimate.

24 With each release of the September quarter issue of this publication, a new base year is introduced and the reference year is advanced one year to coincide with it. This means that with the release of the September quarter 2017 issue of this publication, the chain volume measures for 2016-17 will have 2015-16 (the previous financial year) as their base year rather than 2014-15, and the reference year is 2015-16. A change in the reference year changes levels but not growth rates for all periods. A change in the base year can result in revisions, small in most cases, to growth rates for the last year.

25 Chain volume measures are not generally additive. In other words, component chain volume measures do not, in general, sum to a total in the way original current price components do. For inventories and sales data, this means that the chain volume estimates for industry groups will not add to the total for Australia. In order to minimise the impact of this, the ABS uses the latest base year as the reference year. By adopting this approach, additivity does exist for the quarters following the reference year and non-additivity is relatively small for the quarters in the reference year and those immediately preceding it. For further information on chain volume measures, refer to

CHAIN VOLUME MEASURES
continued

COMPARABILITY WITH
NATIONAL ACCOUNTS AND OTHER ABS ESTIMATES

AUSTRALIAN INTERNATIONAL FINANCIAL REPORTING STANDARDS
the Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (cat. no. 5248.0).

26 The data collected in the Quarterly Business Indicators Survey are used in the compilation of the quarterly estimates of the Australian National Accounts. Inventories data are used to compile estimates of the increase in book value of non-farm inventories. Estimates of sales of goods and services are used to help derive quarterly chain volume measures of gross value added for selected industries. Company gross operating profits data are used to compile estimates of gross operating surplus of private non-financial corporations. From March quarter 2002, estimates of wages and salaries are being used to compile estimates for compensation of private sector employees. For further details see Australian National Accounts: Concepts, Sources and Methods (cat. no. 5216.0).

27 However the statistics in this publication will differ from corresponding statistics in the quarterly Australian National Accounts for the following reasons:

- The national accounts estimates are benchmarked to annual supply and use tables which are based on annual Economy Wide Survey and taxation data
- The national accounts estimates include estimates for businesses classified to industries not in scope of the Quarterly Business Indicators Survey.
- The national accounts estimates for gross operating surplus of private non-financial corporations are after deduction of the inventory valuation adjustment which measures the portion of income attributable to holding gains or losses resulting from inventory valuation practices.
- In many cases, the processes used to seasonally adjust national accounts estimates are different to those used for the seasonally adjusted estimates in this publication.

28 The estimates for sales of goods and services by Retail trade in this publication will differ from turnover estimates included in Retail Trade, Australia (cat. no. 8501.0). The latter publication presents monthly estimates of the value of turnover of retail businesses, and is sourced from the Retail Business Survey. Estimates for sales of goods and services in this publication exclude the Goods and Services Tax, while turnover collected in the Retail Business Survey includes the Goods and Services Tax. In addition, the Retail Business Survey includes some businesses classified to ANZSIC divisions other than the Retail trade division, and includes retail establishments associated with management units that are not classified to the Retail trade division. The use of different samples in the Retail Business Survey and Quarterly Business Indicators Survey will also contribute to differences.

29 The new Australian equivalents to International Financial Reporting Standards (AIFRS) began to be progressively implemented in Australia from 1 January 2005. As a result, a number of items in the financial accounts of Australian businesses have been affected by changed definitions which have in turn impacted upon both Income Statements and Balance Sheets. A range of ABS economic collections source data from financial accounts of businesses and use those data to derive economic statistics. There have been no changes in the associated economic definitions.

30 After monitoring data items since March quarter 2005 it has been concluded that most affected published data series have been impacted by data breaks, but that the magnitude of such breaks cannot be determined without imposing disproportionate load upon data providers to ABS surveys and other administratively collected data. ABS will continue to monitor developments and report any significant identified impacts or changes in methodology as a result of AIFRS.

## EXPLANATORY NOTES continued

31 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated; without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the Census and Statistics Act 1905.

32 The results of these statistics are based, in part, on ABR data supplied by the Registrar to the ABS under A New Tax System (Australian Business Number) Act 1999 which requires that such data is only used for the purpose of carrying out functions of the ABS. No individual information collected under the Census and Statistics Act 1905 is provided back to the Registrar for administrative or regulatory purposes. Any discussion of data limitations or weaknesses is in the context of using the data for statistical purposes, and is not related to the ability of the data to support the ABR's core operational requirements. Legislative requirements to ensure privacy and secrecy of this data have been followed. Only people authorised under the Australian Bureau of Statistics Act 1975 have been allowed to view data about any particular firm in conducting this survey. In accordance with the Census and Statistics Act 1905, results have been confidentialised to ensure that they are not likely to enable identification of a particular person or organisation.

33 Users may also wish to refer to the following publications:

- Australian National Accounts: Concepts, Sources and Methods (cat. no. 5216.0)
- Australian National Accounts: National Income, Expenditure and Product (cat. no. 5206.0)
- Australian Industry (cat. no. 8155.0)
- Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (cat. no. 5248.0)
- Information Paper: Improvements to Australian Bureau of Statistics Quarterly Business Indicators (cat. no. 5677.0)
- Manufacturing Production, Australia (cat. no. 8301.0)
- Private New Capital Expenditure and Expected Expenditure, Australia (cat. no. 5625.0)
- Retail Trade, Australia (cat. no. 8501.0)

34 Information on the Quarterly Business Indicators Survey and survey outputs are published on this web site: see the Topics @ a Glance pages.

35 As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. These series include more detailed industry data (e.g. Manufacturing subdivision), and wages and salaries by state/territory by industry. The availability of more detailed data are subject to confidentiality and quality checks. Inquiries should be made to the National Information and Referral Service on 1300135070.

RELIABILITY OF THE ESTIMATES

1 Estimates provided in this publication are subject to non-sampling and sampling error. The most common way of quantifying sampling error is to calculate the standard error for the published estimate. This is discussed in paragraphs 6 to 9 below.

2 Estimates that have an estimated relative standard error between $10 \%$ and $25 \%$ are annotated with the symbol ' $\wedge$ '. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between $25 \%$ and $50 \%$ are annotated with the symbol ' $*$ ', indicating that the estimate should be used with caution as it is subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than $50 \%$ are annotated with the symbol ${ }^{\prime * *}$ ' indicating that the sampling variability causes the estimates to be considered too unreliable for general use. These annotations have only been applied to estimates from the March quarter 2009.
3 Non-sampling errors may arise as a result of errors in the reporting, recording or processing of the data and can occur even if there is a complete enumeration of the population. These errors can be introduced through inadequacies in the questionnaire, treatment of non-response, inaccurate reporting by respondents, errors in the application of survey procedures, incorrect recording of answers, and errors in data entry and processing. Inventories data for businesses with less than 20 employees are derived and could therefore be subject to error (although this error is estimated to be less than the sampling and non-sampling error resulting from directly collecting these data).

4 Estimates for the latest quarter presented in this publication are considered preliminary and revised estimates will be released with the next issue. As discussed in paragraphs 20 and 21 of the Explanatory Notes, seasonally adjusted and trend estimates are also subject to revision as more data are revised and more data becomes available.
5 It is difficult to measure the size of non-sampling errors. However, every effort is made in the design of the survey and development of survey procedures to minimise their effects.

6 The estimates in this publication are based on a sample drawn from units in the surveyed population. Because the entire population is not surveyed, the published estimates are subject to sampling error. In calculating the standard error for the statistics in this publication, the ABS would prefer to produce a smoothed standard error for the major published aggregates as this approach takes account of the variability in standard error estimates for quarterly statistics. This estimated standard error would then be used as an indication of the sampling error for the current published series. Standard errors are based upon the data in the currently published quarter. Details of standard errors are available on the next page.

## TECHNICAL NOTE DATA QUALITY continued

7 To illustrate, let us say that the published level estimate for company profits before income tax is $\$ 8,900 \mathrm{~m}$ and the calculated standard error in this case is $\$ 200 \mathrm{~m}$. The standard error is then used to interpret the level estimate of $\$ 8,900 \mathrm{~m}$. For instance, the standard error of $\$ 200 \mathrm{~m}$ indicates that:

- There are approximately two chances in three that the real value falls within the range $\$ 8,700 \mathrm{~m}$ to $\$ 9,100 \mathrm{~m}(\$ 8,900 \mathrm{~m} \pm \$ 200 \mathrm{~m}$ ).
- There are approximately nineteen chances in twenty that the real value falls within the ranges $\$ 8,500 \mathrm{~m}$ and $\$ 9,300 \mathrm{~m}(\$ 8,900 \mathrm{~m} \pm \$ 400 \mathrm{~m})$.
- The true value in this case is the result we would obtain if we could enumerate the total population.

8 The following table shows the standard errors for national and state quarterly level estimates based upon the data in the current quarter.

|  | Company gross operating profits | Company profits before income tax | Sales of goods and services | Inventories | Wages and salaries |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | \$m | \$m | \$m | \$m |
| Mining | 150 | 121 | 355 | 144 | 67 |
| Manufacturing | 220 | 212 | 1454 | 802 | 260 |
| Electricity, gas, water and waste services | 63 | 69 | 369 | 12 | 31 |
| Construction | 455 | 463 | 3659 | na | 619 |
| Wholesale trade | 333 | 325 | 2428 | 1531 | 248 |
| Retail trade | 204 | 217 | 1988 | 1060 | 231 |
| Accommodation and food services | 133 | 120 | 939 | 65 | 242 |
| Transport, postal and warehousing | 164 | 155 | 1065 | na | 190 |
| Information media and telecommunications | 64 | 64 | 293 | na | 75 |
| Financial and insurance services | 145 | 219 | 443 | na | 233 |
| Rental, hiring and real estate services | 236 | 259 | 817 | na | 178 |
| Professional, scientific and technical services | 435 | 409 | 2002 | na | 708 |
| Administrative and support services | 121 | 112 | 776 | na | 453 |
| Education and Training | na | na | na | na | 170 |
| Health Care and Social Assistance | na | na | na | na | 298 |
| Arts and recreation services | 59 | 57 | 189 | na | 51 |
| Other services | 105 | 123 | 740 | na | 214 |
| Total | 840 | 881 | 6069 | 2078 | 1173 |
| New South Wales | na | na | 3389 | na | 766 |
| Victoria | na | na | 2736 | na | 652 |
| Queensland | na | na | 2496 | na | 488 |
| South Australia | na | na | 1443 | na | 269 |
| Western Australia | na | na | 1919 | na | 401 |
| Tasmania | na | na | 351 | na | 71 |
| Northern Territory | na | na | 270 | na | 64 |
| Australian Capital Territory | na | na | 788 | na | 302 |
| Australia | 840 | 881 | 6069 | 2078 | 1173 |

## TECHNICAL NOTE DATA QUALITY continued

MOVEMENT ESTIMATES

ADJUSTMENTS TO ESTIMATES

9 The following example illustrates how to use the standard error to interpret a movement estimate. Let us say that one quarter the published level estimate for inventories is $\$ 90,000 \mathrm{~m}$, and the next quarter the published level estimate is $\$ 92,000 \mathrm{~m}$. In this example the calculated standard error for the movement estimate is $\$ 850 \mathrm{~m}$. The standard error is then used to interpret the published movement estimate of $+\$ 2,000 \mathrm{~m}$. For instance, the standard error of $\$ 850 \mathrm{~m}$ indicates that:

- There are approximately two chances in three that the real movement over the two quarter period falls within the range $\$ 1,150 \mathrm{~m}$ to $\$ 2,850 \mathrm{~m}(\$ 2,000 \mathrm{~m} \pm \$ 850 \mathrm{~m})$.
- There are approximately nineteen chances in twenty that the real movement falls within the range $\$ 300 \mathrm{~m}$ to $\$ 3,700 \mathrm{~m}(\$ 2,000 \mathrm{~m} \pm \$ 1,700 \mathrm{~m})$

10 The following table shows the standard errors for national quarterly movement estimates based upon the data in the current quarter.

|  | Company <br> gross <br> operating <br> profits | Company <br> profits <br> before <br> income tax | Sales of <br> goods <br> and <br> services | Inventories |
| :--- | ---: | ---: | ---: | ---: | ---: | | Wages |
| ---: |
| and |

11 Adjustments are included in the estimates to allow for lags in processing new businesses to the Australian Business Register. The following table shows the adjustments made to the current quarter's original estimates in current price terms:

December
Quarter
2017
\%
Company gross operating profits 0.9
Company profits before income tax 1.0
Sales of goods and services 1.3
Inventories 0.7
Wages and salaries 1.6

## TECHNICAL NOTE DATA QUALITY continued

ADJUSTMENTS TO ESTIMATES continued

SALES OF GOODS AND SERVICES TIME SERIES

WAGES TIME SERIES

PRIVATISED MARKETING
AUTHORITIES

12 As previously discussed, the estimates presented in this publication are partial indicators used in the compilation of the quarterly national accounts. The movements in the Business Indicators estimates will not always be the same as the movements in the comparable national accounts series but they should be reasonably consistent after taking account of differences in concepts, scope and methodology described in paragraph 26 of the Explanatory Notes. If after taking account of these differences, there are concerns about data quality and coherence, the national accounts area provides feedback to the survey area. This process may result in adjustments being applied to the Business Indicators estimates prior to release in this publication. The objective use of the national accounts framework to provide data coherence across all ABS economic statistics ensures that a common understanding of recent economic developments is presented.

13 This publication includes estimates of sales of goods and services, by industry, and by state/territory, but estimates of national total sales of goods and services are not published. Total sales of goods and services is not an adequate indicator of the performance of the Australian economy as it includes duplication; for example, goods sold by retailers may also be included in goods sold by wholesalers in the same period. However this publication does include total sales of goods and services, by state/territory, as it is considered that there may be interest in this item as a measure of relative activity. This data should be used with caution given the potential for the data to include duplication across industries.

14 Estimates of gross operating profits are compiled by deducting estimates of items that do not involve the production of goods and services from estimates of profits before income tax. These items include: depreciation, net interest paid, net foreign exchange gains/losses and unrealised gains/losses on the revaluation of assets. These items are considered out of scope of the national accounts item gross operating surplus.

15 As indicated in paragraph 6 of the Explanatory Notes, income items (other than sales of goods and services), expense items (other than labour costs) and profits are only collected for businesses employing 20 or more persons in the Quarterly Business Indicators Survey (QBIS).

16 The Introduction of the Quarterly Business Indicators Survey from March quarter 2001 included the collection of private sector wages and salaries by industry.

17 Three significant privatised marketing authorities came into scope of the estimates in this publication from the September quarter 1999. The introduction of these units resulted in a break in series for estimates for inventories and sales of goods and services between the June and September quarters 1999 and comparison of the series over time should be undertaken with care.

18 The methodology used by the ABS has ensured that the trend series has not been distorted by the introduction of these units, although there is a trend break evident between the June and September quarters 1999. For this reason, the trend estimates of movement have not been released for the Wholesale trade inventories, Total inventories and Wholesale trade sales series in respect of the September quarter 1999.

## TECHNICAL NOTE DATA QUALITY continued

PRIVATISATION OF TELSTRA CORPORATION

TREND BREAK

19 Telstra Corporation was effectively privatised on 20 November 2006. For the purposes of ABS statistics this change from public sector to private sector was effective from March quarter 2007. This has impacted on some data series presented in this publication, particularly the March quarter 2007 movements. The data items affected are sales of goods and services, wages and salaries, company gross operating profits and the related profits series in the Manufacturing and Information media and telecommunications industry. The introduction of Telstra has resulted in a break in series for some series in this publication between the December quarter 2006 and March quarter 2007. The movement trend estimates, in percentage terms, have therefore not been released for the March quarter 2007.

20 In the June quarter 2010 release, trend break corrections were applied to Mining and Total company gross operating profits, company profits before income tax, business gross operating profits and Mining sales. These corrections were necessary due to very large mining commodity contract price rises that occurred on 1st April 2010. Trend break corrections were also applied to Manufacturing and Western Australian Sales of goods and services due to the movement of a major manufacturing business from the private to public sector. When a trend break occurs in a time series it is important that the trend movement estimate be treated with caution, hence the suppression of the quarterly and annual movement estimates for June 2010.

21 Likewise, in the December quarter 2017 release, trend break corrections were applied to the December quarter 2016 estimates for Mining and Total company gross operating profits, company profits before income tax and business gross operating profits. These corrections were also due to a large increase in the price of mining commodities.

## GLOSSARY

A company The definition of company has been expanded to include quasi-corporations as well as incorporated private sector business enterprises. For the purpose of the survey, branches of overseas companies operating in Australia are included but overseas branches of Australian companies are excluded.

Business gross operating profit Company gross operating
profits

Company profits before
income tax
The sum of unincorporated gross operating profit and company gross operating profit.
Selected items are excluded from company profits before income tax to provide a measure of underlying company profits. These items include interest income and expenses; depreciation and amortisation; and selected items which do not involve the production of goods and services such as net foreign exchange gains/losses, gains/losses arising from the sale of non-current assets, and net unrealised gains/losses from the revaluation of current or non-current assets.

Net operating profit or loss before income tax and extraordinary items and is net of capital profits or losses arising from the sale of businesses' own capital goods and dividends received.

Inventories All inventories of materials etc., work in progress and finished goods owned by the business, whether held at locations of the business or elsewhere. Inventories are recorded at book value at the end of the quarter.

Quasi-corporations
Large and easily identified unincorporated enterprises such as partnerships of companies or unit trusts of companies

Sales of goods and services

Unincorporated businesses
Unincorporated gross operating profit This item includes sales of goods by the business and income from services provided such as commission income, repair and service income and fees, management fees, rent leasing and hiring income, delivery and installation charges, income from consulting services, sponsorship income, membership/subscription fees and royalties income. State/territory income from sales of goods and services is reported by businesses for the sales of goods and services from each state/territory in which the business operates.

Businesses not in the corporate sector as defined under the glossary term 'a company'.

Wages and salaries

Same definition as company gross operating profit except it includes only unincorporated businesses

Gross earnings before taxation and other deductions. Includes provisions for employee entitlements.

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[^0]:    (a) Reference year for chain volume estimates is 2015-16

[^1]:    na not available

[^2]:    na not available
    (a) Break in series between this quarter and preceding quarter.

[^3]:    na not available
    (a) See paragraph 7 of Explanatory Notes for limited scope and coverage of this industry

[^4]:    (a) This is the sum of company and unincorporated gross operating profits.
    (b) Break in series between this quarter and preceding quarter.

[^5]:    na not available
    (b) Break in series between this quarter and preceding quarter.
    (a) This is the sum of the company and unincorporated gross operating profits.

[^6]:    - estimate has a relative standard error of $10 \%$ to less than $25 \%$ and should be used with caution

[^7]:    (a) Sales refers to Sales of goods and senvices.
    (b) Ratio is calculated by dividing Business gross operating profits by Sales.

[^8]:    (a) Sales refers to Sales of goods and services.
    (b) Ratio is calculated by dividing Inventories by Sales.

