

Australian Federal Budget 9 May 2023.

Budget edges into surplus, returns to deficit.

2022/23: +\$4.2bn; 2023/24: -\$13.9bn.

The 2023 Budget is set against the backdrop of high inflation and sharply higher interest rates, with the RBA responding to the greatest inflation challenge in a generation. Currently, the unemployment rate at 3.5% is the lowest level in almost 50 years and commodity prices are around historic highs. Household incomes are under intense pressure from higher prices, rising debt servicing costs and additional taxation payments. The Federal budget has received an economic windfall from stronger incomes, some of which the Government is using to provide cost of living relief for the most vulnerable households. The outlook is challenging, with output growth set to slow as higher interest rates bite.

Budget deficit path revised lower

The budget deficit profile has been revised lower reflecting the windfall from stronger incomes (higher inflation and higher commodity prices) and from ongoing labour market strength, and after incorporating the cost of new spending initiatives. The cumulative deficit for the four years 2022/23 to 2025/26 is reduced to \$81bn, down from \$182bn in the October Budget, an improvement of \$100bn.

For 2022/23, the budget position has improved by \$41bn to be a wafer thin surplus of \$4.2bn, representing 0.2% of GDP. The last time the budget was broadly in balance was immediately before the pandemic, in 2018/19. The surplus is a one-off, with the budget returning to deficit in 2023/24, a forecast \$13.9bn (which represents a \$30bn improvement on the October forecast). The deficit widens to \$35.1bn in 2024/25 and to \$36.6bn the year following, representing -1.3% of GDP in both years.

Budget windfall

The "stronger economy" delivers a budget windfall of \$121.5bn across the four years to 2025/26, centred on a \$112bn increase in revenue. Payments are somewhat lower, \$10bn below the October forecast. Note, that there is a \$13.9bn undershoot of payments in the 2022/23 year. Thereafter, payments are higher, with escalating costs of existing programs included in "parameter variations".

New policy

The government has increased spending, with a focus on cost of living relief. Net new policy costs \$12bn in 2022/23, representing 0.5% of GDP, and over the three years to 2025/26 costs \$20bn, representing 0.76% of GDP. By historical standards, this is a relatively expansionary budget. The experience over the decade prior to the pandemic was that the year 1 impact of new policy was around 0.25% of GDP (or less) and the impact over 3 years was 0.5% of GDP (or less).

Cost of living relief includes rental assistance and energy price relief - two measures which have an initial impact of lowering out of pocket expenses of households and thus lowering measured Consumer Price Inflation. New policy measures also span health and aged care. There are a number of tax increases to help pay for additional spending. See pages 2 and 3 for additional detail on initiatives and budget themes.

Payments remain above long-run average, after 2022/23 dip

Payments as a share of the economy, having been very elevated during the pandemic, dip to 24.8% of GDP in 2022/23 (benefitting from the stronger labour market) and then snap back to above 26% of GDP thereafter, which is well above the pre pandemic long run average of 24.9%. Revenue as a share of the economy remains elevated in 2022/23 at 25.0% of GDP, then is forecast to hold above 25% of GDP thereafter.

Debt profile lowered

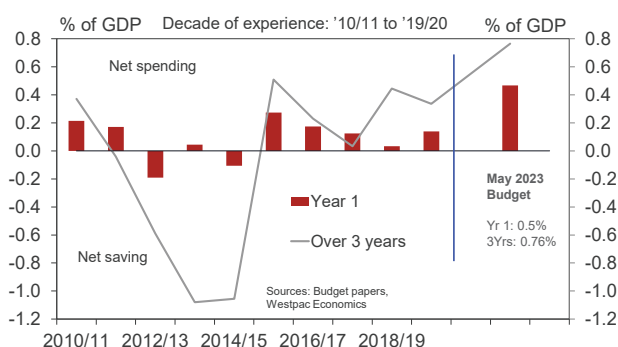
Federal debt profiles have been lowered materially reflecting the improved budget position and lower long term bond rates (see chart on page 6). Net debt is now forecast to lift from an estimated 21.6% of GDP at June 2023 to a still modest 24.0% of GDP in 2025/26 (downgraded from 28.5% of GDP in the October Budget). Gross debt rises from an estimated 34.9% of GDP at June 2023 to a peak of 36.5% of GDP for 2025/26 (downgraded from 43.1% of GDP for 2025/26 and a peak of 46.9% in 2030/31).

Risks

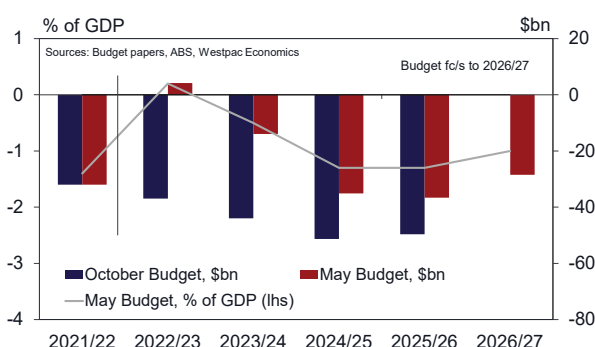
There are a number of risks to the fiscal projections - both upside and downside. The risks to the view on national income are potentially tilted to the high side given that commodity price assumptions are still cautious, notwithstanding the adoption of a somewhat longer glide path down from current levels to "target prices" (as discussed on page 4).

Downside risks relate to the potential for a more significant labour market downturn and to the output growth outlook, with the possibility of a "hard landing" domestically and globally triggered by aggressive tightening of monetary policy, with the risk that inflation proves more persistent. The other key downside risk to the fiscal outlook relates to the ongoing upward pressure on expenditures, particularly in the caring economy (health, aged care, the NDIS).

Net policy decisions in May Budgets: impact



Federal budget: underlying cash balance



Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

Budget 2023: key numbers



9 May 2023

| | 2021/22(a) | 2022/23 | 2023/24 | 2024/25 | 2025/26 | 2026/27 |
|--------------------------------|------------|---------|---------|---------|---------|---------|
| Underlying cash balance*, \$bn | -32.0 | 4.2 | -13.9 | -35.1 | -36.6 | -28.5 |
| % of GDP | -1.4 | 0.2 | -0.5 | -1.3 | -1.3 | -1.0 |
| Receipts, % GDP | 25.3 | 25.0 | 25.9 | 25.4 | 25.2 | 25.2 |
| Expenses, % GDP | 26.7 | 24.8 | 26.5 | 26.8 | 26.6 | 26.1 |
| Headline cash balance, \$bn | -33.3 | -7.5 | -19.7 | -49.2 | -51.8 | -41.3 |
| % of GDP | -1.4 | -0.3 | -0.8 | -1.9 | -1.9 | -1.4 |
| Net debt, \$bn | 515.6 | 548.6 | 574.9 | 620.6 | 665.2 | 702.9 |
| % of GDP | 22.5 | 21.6 | 22.3 | 23.5 | 24.0 | 24.1 |
| Gross debt, \$bn | 895.3 | 887.0 | 923.0 | 958.0 | 1015.0 | 1067.0 |
| % of GDP | 38.8 | 34.9 | 35.8 | 36.3 | 36.5 | 36.5 |

* Underlying cash balance = Revenue less Expenses. Sources: ABS, Budget papers, Westpac Economics

Major policy initiatives in May Budget 2023

| AUDbn | '23/24 | 5 yrs* | Comment |
|--|-------------|-------------|---|
| Spending measures | | | |
| Strengthening Medicare | 1.4 | 5.6 | Increase bulk billing incentives. |
| Increase to Working Age Payments | 1.0 | 4.7 | Increase payments including JobSeeker and extend eligibility. |
| Cost of Living - Commonwealth Rent Relief | 0.5 | 2.7 | An increase in the rental subsidy for low income households. |
| Parenting Payment (Single) - improved support for single parents | 0.4 | 1.9 | \$176.9 extra per fortnight affecting 57,000 carers. |
| Cost of Living - Energy Bill Relief | N/A | 1.5 | Direct reduction on energy bills; \$3bn package shared with the states. |
| Improving Aged Care Support | 0.2 | 0.8 | Improve aged care delivery and interim 15% wage increase. |
| Medicare Levy (tax relief) | 0.1 | 0.5 | Increase to levy across low-income thresholds. |
| Not yet announced | 0.9 | 7.8 | |
| Total (including measures not listed above) | 13.8 | 42.6 | |
| Saving measures - expenses (i.e. spending cuts) | | | |
| Improving the Investment in Aged Care | 0.0 | 2.2 | Temporary reduction in aged care provision ratio. |
| Reinvesting in Health and Aged Care | 0.4 | 1.7 | Redirection to Improving Aged Care Support. |
| Saving measures - revenue raising | | | |
| GST Compliance Program | 0.8 | 3.8 | Extending the ATO's program for another four years. |
| Tobacco Excise | 0.3 | 3.0 | Increasing by 5% per year over three years, starting 1 September 2023. |
| Petroleum Resource Rent Tax (PRRT) Review | 0.5 | 2.4 | Bringing forward revenue collection from LNG projects. |
| Heavy Vehicle Road User Charge | 0.1 | 1.1 | Lifting by 6% per year over three years, from 27.2¢/litre to 32.4¢/litre. |
| Superannuation Reform | 0.0 | 0.9 | Tax on superannuation balances above \$3mn lifted from 15% to 30%. |

* Includes 2022-23 through to 2026-27.

* 5 years to 2026/27

Budget 2023: Key themes & key measures



9 May 2023

Cost of living relief (CoLR)

The package focusing on supporting the direct cost of living includes a number of elements, with a focus on energy price relief as well as a \$2.7bn increase in Commonwealth Rent Assistance.

CoLR: energy subsidies

The government initiative provides \$3bn for energy bill relief with state & federal governments providing \$1.5bn each (up to \$500 for households and \$650 for small businesses); \$1.3bn for Household Energy Upgrades Fund with low interest loans for energy saving home upgrades by low income households and renters.

CoLR: health

'Strengthen Medicare' sees \$5.6bn over 5 years spent on improving access to primary care and investing in health protection and prevention services. This includes \$3.5bn to triple bulk billing incentives to support patients with low incomes and children aged under 16 and \$0.445bn on increasing support for GPs by having nurses and allied health professionals working with them.

Welfare

Provide \$4.7bn over 5 years to increase working age payments including Jobseeker payments, increasing base rate (working age and student) by \$40 per fortnight and extending eligibility for those 55 years and over (60 and over previously) receiving payments for 9 or more continuous months.

The budget also improved support for single parents by investing \$1.9bn over 5 years increasing payments by an additional \$176.9 per fortnight affecting 57,000 single parents (comprising of 91% women)

Aged Care

In response to the Royal Commission Report, the Budget commits \$0.827bn over 5 years to improve delivery of aged care services with \$0.487bn to extend Disability Support for the Older Australia Program as well as \$0.515bn over 5 years in providing an interim 15% rise in award wages for many aged care workers. An additional \$0.59bn over 2 years to be spent on COVID-19 aged care response with \$0.536bn to reimburse aged care providers who experienced additional costs from COVID-19 outbreaks.

Temporary reduction in residential aged care provision ratio from 78 to 60.1 per 1000 people over 70 saves \$2.2bn over 3 years and redirects funds to Improving Age Care Support. \$1.7bn over 4 years from other Health and Aged Care Programs are reinvested into new and expanding current services. It is unclear whether all or some of these savings are redirected into spending measures.

Tax: GST compliance program

The Government will provide \$588.8mn to the ATO in order to support ongoing schemes aimed at promoting GST compliance. Beginning from 1 July 2023, this is expected to produce a net increase in GST receipts of \$3.8bn over the five years to 2026-27

Tax: on heavy vehicles

The Heavy Vehicle Road User Charge rate will be increased by 6% per year over three years, from 27.2¢/litre to 32.4¢/litre. This will decrease expenditure on the fuel tax credit by \$1.1bn and contribute to road maintenance and repair projects.

Tax: on gas

In response to the Treasury's Review, the Petroleum Resource Rent Tax (PRRT) will be amended to reduce the deductible expenditure on the assessable proportion of PRRT project incomes. Aimed only at LNG projects, this will effectively bring forward tax receipts from those projects that are yet to pay PRRT, which under the prior arrangement was not going to occur until the 2030s.

This is expected to raise \$2.4bn in revenue and will support the Government's plans to implement other recommendations from the Treasury, including updates on tax avoidance rules and adjustments to rules for emerging LNG projects.

Tax: on tobacco

Beginning 1 September 2023, the Government will raise tobacco excise and excise-equivalent customs duties by 5% per year, over three years, increasing tax revenue by a collective \$3bn through to 2026-27. With the aim of improving health outcomes, this will complement increased spending on lung cancer screening, \$264mn, and anti-smoking/vaping programs, \$205mn, over the next four years.

Tax: superannuation reform

The headline tax rate on total superannuation balances that are in excess of \$3 million will be doubled, from 15% to 30%. This is expected to raise \$1.1bn in tax revenue over the five years to 2026-27. Additionally, revenue raised from an increase in payment frequency of the Superannuation Guarantee (SG) will facilitate the planned company tax deductions of SG payments in 2027-28.

9 May 2023

The 2023-24 Budget points to a challenging path ahead for the economy with high inflation and an associated sharp rise in interest rates impacting both locally and abroad, and the balance of risks firmly tilted to the downside. That said, Australia's near-term growth prospects are largely unchanged from the October Budget. The economy is forecast to expand 1.5% in 2023-24, growth lifting to 2.25% in 2024-25 – unchanged from October. Treasury sees medium term prospects as slightly firmer, stronger population growth and higher labour force participation lifting growth to 2.75% in 2025-26 compared to 2.5% forecast in October, and sustaining at this pace in 2026-27.

National income and commodity prices

While the near-term profile for the real economy remains the same, forecasts for national income – nominal GDP – have shifted materially. Stronger-than-expected price and wage inflation and elevated commodity prices are now expected to provide more support near term, with slowdowns and commodity price declines coming through later in the piece. Nominal GDP is forecast to rise a further 1.25% in 2023-24 but post a more subdued 2.5% gain in 2024-25. This compares to a 1% decline and 4.25% rebound for these years forecast in October. Much of this comes back to changes in the technical assumptions used to project commodity prices, spot iron ore, met coal, thermal coal, LNG and oil all now assumed to return more gradually (over four quarters instead of two) to slightly higher long term levels than assumed in October (up 10-15%).

Consumer-led slowdown

Households remain at the centre of the slowdown domestically. Here it should be noted that spending has come off more quickly than expected in October, but with the main impact in 2022-23 offset in GDP growth terms by an improvement in service exports. The consumption growth outlook for 2023-24 has been nudged up slightly, to 1.5%yr from 1.25%yr in October, stronger population growth and firmer wage gains providing more support. The forecasts also continue to assume some additional support from lower household savings rates. Improving real incomes are expected to drive a lift in spending growth to 2.5%yr in 2024-25.

Dwelling investment is expected to see a more prolonged period of moderate decline. A 2.5% fall in 2022-23 is expected to be followed by a 3.5% contraction in 2023-24 (compared to -1% forecast in October) and a further 1.5% decline in 2024-25. The milder than usual profile reflects the slow completion of a large backlog of dwellings under construction. A strong recovery is expected to gain traction over 2025.

Business investment is forecast to maintain reasonable momentum despite an undershoot in 2022-23. Growth is forecast to come in at 3% for 2022-23, downgraded from 6% in October, but slow only slightly to 2.5% in 2023-24 and 2% in 2024-25. A large pipeline of work underway provides some support, strong balance sheets and tight capacity also seen as positives. Notably all the gains are expected to come from non-mining sectors with mining investment expected to hold flat despite high commodity prices.

Government spending is expected to hold steady at a subdued pace, having slowed materially from the pandemic period. Growth in public demand is forecast to slow from 1.75%yr in 2022-23 and 1.5%yr in 2023-24, down from a brisk 6.8% in 2021-22.

Net exports performed slightly better than expected in 2022-23, tracking towards a flat contribution rather than a slight drag, and are still expected to add 0.5pts to GDP growth in 2023-24. Border reopening is seeing a rapid lift in service exports, international education now expected to return to pre-pandemic levels in 2024, a year earlier than forecast in October. This is balanced by strong gains in service imports.

Labour market, wages and prices

The labour market is expected to soften but more gradually and from a slightly tighter starting point than forecast in October. Employment growth is expected to slow from 2.5%yr in 2022-23 to 1%yr in 2023-24, holding at this pace in 2024-25. As noted, the migration-driven turnaround in population growth is shaping as much stronger, net migrant inflows now expected to come in at 400k in 2022-23 and hold at 315k in 2023-24, slowing back to 260k in 2024-25, well up on the flat-line forecasts of 265k a year in October. That sees population growth of 2% slowing to 1.7% and 1.5% over the three years. The employment population mix and a slightly lower participation rate sees the unemployment rate track gradually higher, from 3.5% to 4.25% in mid-2024 and 4.5% in mid-2025, holding steady from there.

Wages growth is expected to show a slightly firmer rise to 4%yr in 2023-24, but moderate back to 3.25%yr in 2024-25. Real wage growth turns slightly positive from early 2024.

Inflation is expected to run slightly higher at 6% in 2022-23 but show a slightly more pronounced slowing to 3.25% by mid-2024. The downgrade reflects the government's cost-of-living measures, the Energy Price Relief Plan taking 0.75ppts off headline inflation, and increases in Commonwealth Rental Assistance and PBS subsidies also impacting. These measures are not expected to add to broader inflationary pressures.

Risks

The Budget's growth forecasts are firmer than Westpac's 0.9% forecast for 2023-24 and 1.7% for 2024-25, the main differences around domestic demand, consumer spending in particular. This is balanced by changes to the profile for commodity prices which see markedly lower nominal GDP growth on the government's forecast. The main risks to the view centre on a more persistent period of high inflation drawing additional monetary tightening and or delaying monetary easing in 2024, both in Australia and abroad.

| Key forecasts | | '22/23 | '23/24 | '24/25 | '25/26 | '26/27 |
|-------------------------|---------|--------|--------|--------|--------|--------|
| Real GDP (% chg) | October | 3.25 | 1.50 | 2.25 | 2.50 | - |
| | May | 3.25 | 1.50 | 2.25 | 2.75 | 2.75 |
| Nominal GDP (% chg) | October | 8.00 | -1.00 | 4.25 | 5.00 | - |
| | May | 10.25 | 1.25 | 2.50 | 5.25 | 5.25 |
| Unemployment (% chg) | October | 3.75 | 4.50 | 4.50 | 4.25 | - |
| | May | 3.50 | 4.25 | 4.50 | 4.50 | 4.25 |
| CPI Headline (% chg) | October | 5.75 | 3.50 | 2.50 | 2.50 | - |
| | May | 6.00 | 3.25 | 2.75 | 2.50 | 2.50 |

Sources: Budget papers

| Forecasts '23/24 | Government | Westpac |
|----------------------------|-------------|------------|
| World GDP (2023) | 2.75 | 3.0 |
| Australia: real GDP | 1.50 | 0.9 |
| Consumption | 1.50 | 0.7 |
| Housing | -3.50 | -4.7 |
| Business Investment | 2.50 | -2.5 |
| Gross National Expenditure | 1.00 | -0.4 |
| Net exports, ppt contr'n | 0.50 | 1.3 |
| Unemployment, Jun qtr | 4.25 | 4.8 |
| Nominal GDP | 1.25 | 2.7 |
| Terms of trade | -13.25 | -6.8 |

Sources: Budget papers, ABS, Westpac Economics.

Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

Economic forecasts: Australia



9 May 2023

| | Actual | Government (yr avg) | | | Westpac (yr avg) | | |
|--------------------------------|------------|---------------------|------------|-------------|------------------|------------|------------|
| | 2021/22(a) | 2022/23 | 2023/24 | 2024/25 | 2022/23 | 2023/24 | 2024/25 |
| Private consumption | 3.7 | 5.75 | 1.5 | 2.5 | 5.5 | 0.7 | 1.8 |
| Dwelling investment | 2.9 | -2.5 | -3.5 | -1.5 | -2.8 | -4.7 | -1.4 |
| Business investment* | 6.1 | 3.0 | 2.5 | 2.0 | 3.2 | -2.5 | 0.8 |
| Private final demand* | 4.3 | 4.0 | 1.0 | 2.25 | 3.9 | -0.4 | 1.5 |
| Public final demand* | 6.8 | 1.75 | 1.5 | 2.0 | 1.6 | 0.9 | 1.7 |
| Domestic final demand | 5.0 | n.f. | n.f. | n.f. | 3.2 | -0.1 | 1.6 |
| Inventories, contribution ppts | 0.1 | 0.0 | 0.0 | 0.0 | -0.1 | -0.3 | 0.2 |
| GNE | 5.1 | 3.25 | 1.0 | 2.25 | 3.1 | -0.4 | 1.7 |
| Net exports, contribution ppts | -1.3 | 0.0 | 0.5 | 0.0 | 0.2 | 1.3 | 0.1 |
| Exports | -0.3 | 8.0 | 6.0 | 3.5 | 8.4 | 7.4 | 4.2 |
| Imports | 6.9 | 9.0 | 4.0 | 3.5 | 8.6 | 1.5 | 4.7 |
| Real GDP | 3.7 | 3.25 | 1.5 | 2.25 | 3.2 | 0.9 | 1.7 |

| | 11.0 | 10.25 | 1.25 | 2.5 | 9.9 | 2.7 | 3.2 |
|------------------------------|------|-------|--------|-------|------|------|------|
| Nominal GDP | | | | | | | |
| GDP deflator | 7.1 | 7.0 | -0.25 | 0.25 | 6.5 | 1.8 | 1.5 |
| Terms of trade | 11.8 | 1.5 | -13.25 | -8.75 | -0.5 | -6.8 | -4.8 |
| Employment (Jun qtr) | 3.6 | 2.5 | 1.0 | 1.0 | 2.7 | -0.6 | 1.4 |
| Unemployment rate (Jun qtr) | 3.8 | 3.5 | 4.25 | 4.5 | 3.5 | 4.8 | 5.2 |
| Participation rate (Jun qtr) | 66.6 | 66.5 | 66.25 | 66.25 | 66.7 | 65.7 | 65.7 |
| CPI (Jun qtr) | 6.1 | 6.0 | 3.25 | 2.75 | 6.3 | 2.8 | 2.9 |
| Wage price index (Jun qtr) | 2.6 | 3.75 | 4.0 | 3.25 | 3.8 | 3.8 | 3.0 |
| Current account, % of GDP | 1.9 | 0.75 | -2.5 | -3.5 | 1.3 | 0.8 | -0.2 |

* business investment and government spending excluding the effect of private sector purchases of public sector assets.

| | Actual | Government | | | Westpac | | |
|---------------------|---------|------------|------|------|---------|------|------|
| | 2022(a) | 2023 | 2024 | 2025 | 2023 | 2024 | 2025 |
| World growth | 3.3 | 2.75 | 3.0 | 3.5 | 3.0 | 3.1 | 3.1 |

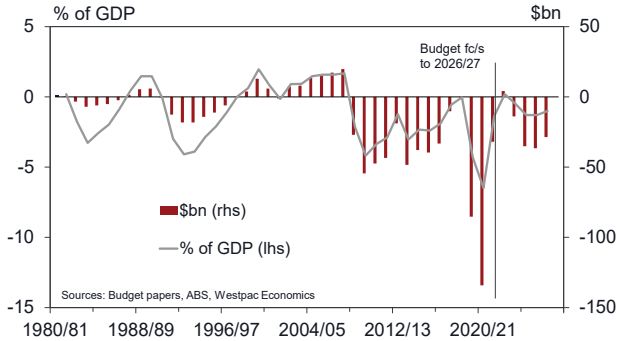
Macroeconomic variables - recent history

| Monthly data | 2022 | | | | | | 2023 | | | | | |
|-------------------------------|------|-------|------|------|------|------|------|-------|------|------|------|--|
| | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | |
| Employment '000 chg | 92 | -17 | 54 | 14 | 43 | 60 | -13 | -11 | 64 | 53 | - | |
| Unemployment rate % | 3.6 | 3.5 | 3.5 | 3.6 | 3.4 | 3.5 | 3.5 | 3.7 | 3.5 | 3.5 | - | |
| Westpac-MI Consumer Sentiment | 86.4 | 83.8 | 81.2 | 84.4 | 83.7 | 78.0 | 80.3 | 84.3 | 78.5 | 78.5 | 85.8 | |
| Retail trade %mth | 0.7 | 0.8 | 0.8 | 0.7 | 0.4 | 1.6 | -3.9 | 1.9 | 0.2 | 0.4 | - | |
| Dwelling approvals %mth | 0.1 | -16.0 | 28.0 | -9.3 | -5.5 | -4.6 | 14.3 | -27.1 | 4.0 | - | - | |
| Credit, private sector %yr | 8.6 | 8.6 | 8.6 | 8.9 | 8.9 | 8.3 | 7.8 | 7.5 | 7.2 | 6.8 | - | |
| Trade balance AUDbn | 17.1 | 8.4 | 8.7 | 12.5 | 12.2 | 13.4 | 12.6 | 10.8 | 14.2 | 15.3 | - | |

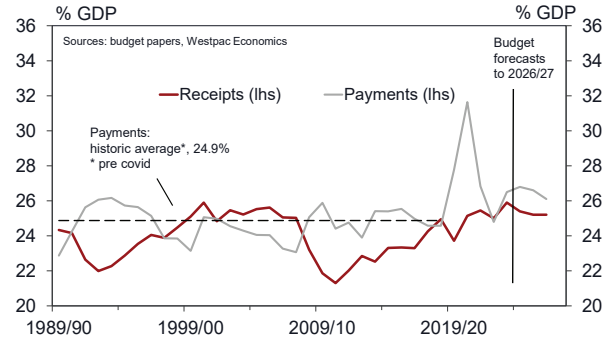
Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

9 May 2023

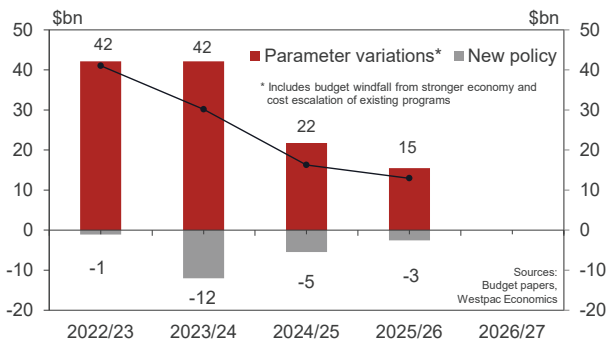
Federal budget: underlying cash balance



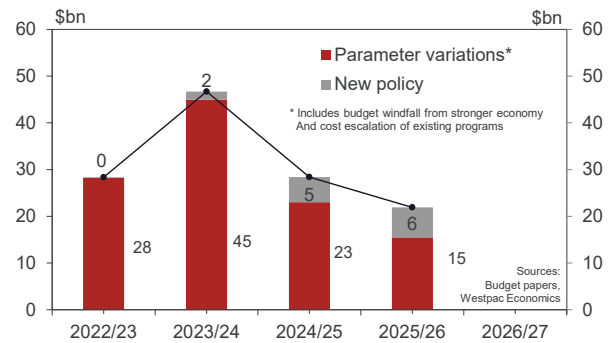
Federal Budget: receipts and payments



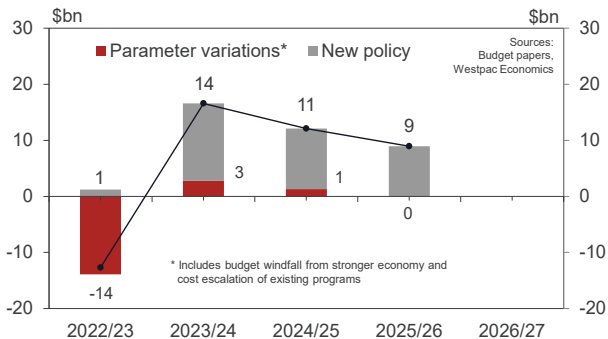
Federal budget: changes from October Budget



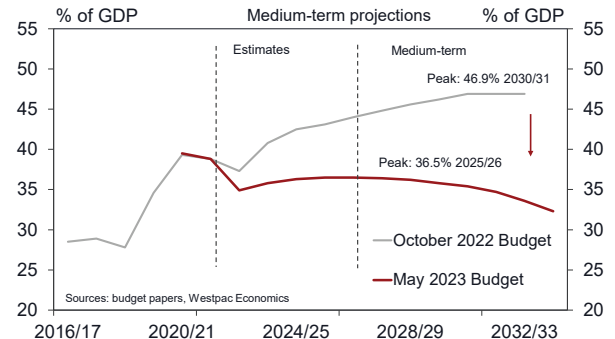
Revenue: changes from October Budget



Expenses: changes from October Budget



Public gross debt projections



© Copyright 2023 Westpac Banking Corporation

Things you should know.

Westpac Institutional Bank is a division of Westpac Banking Corporation ABN 33 007 457 141 ('Westpac').

Disclaimer

This material contains general commentary only and is not intended to constitute or be relied upon as personal financial advice. To the extent that this material contains any general advice, it has been prepared without taking into account your objectives, financial situation or needs, and because of this, you should, before acting on it, consider the appropriateness of the advice, having regard to your objectives, financial situation and needs, and, the disclosure documents (including any product disclosure statement) of any financial product you may consider. Certain types of transactions, including those involving futures, options and high yield securities give rise to substantial risk and are not suitable for all investors. We recommend that you seek your own independent legal or financial advice before proceeding with any investment decision. This material may contain material provided by third parties. While such material is published with the necessary permission none of Westpac or its related entities accepts any responsibility for the accuracy or completeness of any such material. Although we have made every effort to ensure the information is free from error, none of Westpac or its related entities warrants the accuracy, adequacy or completeness of the information, or otherwise endorses it in any way. Except where contrary to law, Westpac and its related entities intend by this notice to exclude liability for the information. The information is subject to change without notice and none of Westpac or its related entities is under any obligation to update the information or correct any inaccuracy which may become apparent at a later date. The information contained in this material does not constitute an offer, a solicitation of an offer, or an inducement to subscribe for, purchase or sell any financial instrument or to enter a legally binding contract. Past performance is not a reliable indicator of future performance. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

Country disclosures

Australia: Westpac holds an Australian Financial Services Licence (No. 233714). This material is provided to you solely for your own use and in your capacity as a client of Westpac.

For XYLO Foreign Exchange clients: This information is provided to you solely for your own use and is not to be distributed to any third parties. XYLO Foreign Exchange is a division of Westpac Banking Corporation ABN 33 007 457 141 and Australian credit licence 233714. Information is current as at date shown on the publication. This information has been prepared without taking account of your objectives, financial situation or needs. Because of this you should, before acting on this information, consider its appropriateness, having regard to your objectives, financial situation or needs. XYLO Foreign Exchange's combined Financial Services Guide and Product Disclosure Statement can be obtained by calling XYLO Foreign Exchange on 1300 995 639, or by emailing customer@XYLO.com.au.

New Zealand: In New Zealand, Westpac Institutional Bank refers to the brand under which products and services are provided by either Westpac or Westpac New Zealand Limited ("WNZL"). Any product or service made available by WNZL does not represent an offer from Westpac or any of its subsidiaries (other than WNZL). Neither Westpac nor its other subsidiaries guarantee or otherwise support the performance of WNZL in respect of any such product. The current disclosure statements for the New Zealand branch of Westpac and WNZL can be obtained at the internet address www.westpac.co.nz. For further information please refer to the Product Disclosure Statement (available from your Relationship Manager) for any product for which a Product Disclosure Statement is required, or applicable customer agreement. Download the Westpac NZ QFE Group Financial Advisers Act 2008 Disclosure Statement at www.westpac.co.nz.

China, Hong Kong, Singapore and India: This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the applicable Singapore laws and regulations) only. Recipients in Singapore of this material should contact Westpac Singapore Branch in respect of any matters arising from, or in connection with, this material. Westpac Singapore Branch holds a wholesale banking licence and is subject to supervision by the Monetary Authority of Singapore. Westpac Hong Kong Branch holds a banking licence and is subject to supervision by the Hong Kong Monetary Authority. Westpac Hong Kong branch also holds a license issued by the Hong Kong Securities and Futures Commission (SFC) for Type 1 and Type 4 regulated activities. This material is intended only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance. Westpac Shanghai and Beijing Branches hold banking licenses and are subject to supervision by the China Banking and Insurance Regulatory Commission (CBIRC). Westpac Mumbai Branch holds a banking license from Reserve Bank of India (RBI) and subject to regulation and supervision by the RBI.

UK: The contents of this communication, which have been prepared by and are the sole responsibility of Westpac Banking Corporation London and Westpac Europe Limited. Westpac (a) has its principal place of business in the United Kingdom at Camomile Court, 23 Camomile Street, London EC3A 7LL, and is registered at Cardiff in the UK (as Branch No. BR00106), and (b) authorised and regulated by the Australian Prudential Regulation Authority in Australia. Westpac is authorised in the United Kingdom by the Prudential Regulation Authority. Westpac is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request. Westpac Europe Limited is a company registered in England (number 05660023) and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

This communication is being made only to and is directed at (a) persons who have professional experience in matters relating to investments who fall within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (b) high net worth entities, and other persons to whom it may otherwise lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). Any person who is not a relevant person should not act or rely on this communication or any of its contents.

Disclaimer continued overleaf

Disclaimer continued

The investments to which this communication relates are only available to and any invitation, offer or agreement to subscribe, purchase or otherwise acquire such investments will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely upon this communication or any of its contents. In the same way, the information contained in this communication is intended for “eligible counterparties” and “professional clients” as defined by the rules of the Financial Conduct Authority and is not intended for “retail clients”. With this in mind, Westpac expressly prohibits you from passing on the information in this communication to any third party. In particular this communication and, in each case, any copies thereof may not be taken, transmitted or distributed, directly or indirectly into any restricted jurisdiction. This communication is made in compliance with the Market Abuse Regulation (Regulation(EU) 596/2014).

Investment Recommendations Disclosure

The material may contain investment recommendations, including information recommending an investment strategy. Reasonable steps have been taken to ensure that the material is presented in a clear, accurate and objective manner. Investment Recommendations for Financial Instruments covered by MAR are made in compliance with Article 20 MAR. Westpac does not apply MAR Investment Recommendation requirements to Spot Foreign Exchange which is out of scope for MAR.

Unless otherwise indicated, there are no planned updates to this Investment Recommendation at the time of publication. Westpac has no obligation to update, modify or amend this Investment Recommendation or to notify the recipients of this Investment Recommendation should any information, including opinion, forecast or estimate set out in this Investment Recommendation change or subsequently become inaccurate.

Westpac will from time to time dispose of and acquire financial instruments of companies covered in this Investment Recommendation as principal and act as a market maker or liquidity provider in such financial instruments.

Westpac does not have any proprietary positions in equity shares of issuers that are the subject of an investment recommendation.

Westpac may have provided investment banking services to the issuer in the course of the past 12 months.

Westpac does not permit any issuer to see or comment on any investment recommendation prior to its completion and distribution.

Individuals who produce investment recommendations are not permitted to undertake any transactions in any financial instruments or derivatives in relation to the issuers covered by the investment recommendations they produce.

Westpac has implemented policies and procedures, which are designed to ensure conflicts of interests are managed consistently and appropriately, and to treat clients fairly.

The following arrangements have been adopted for the avoidance and prevention of conflicts in interests associated with the provision of investment recommendations.

- I. Chinese Wall/Cell arrangements;
- II. physical separation of various Business/Support Units;
- III. Strict and well defined wall/cell crossing procedures;
- IV. a “need to know” policy;
- V. documented and well defined procedures for dealing with conflicts of interest;
- VI. reasonable steps by Compliance to ensure that the Chinese Wall/Cell arrangements remain effective and that such arrangements are adequately monitored.

U.S.: Westpac operates in the United States of America as a federally licensed branch, regulated by the Office of the Comptroller of the Currency. Westpac is also registered with the US Commodity Futures Trading Commission (“CFTC”) as a Swap Dealer, but is neither registered as, or affiliated with, a Futures Commission Merchant registered with the US CFTC. Westpac Capital Markets, LLC (“WCM”), a wholly-owned subsidiary of Westpac, is a broker-dealer registered under the U.S. Securities Exchange Act of 1934 (‘the Exchange Act’) and member of the Financial Industry Regulatory Authority (‘FINRA’). This communication is provided for distribution to U.S. institutional investors in reliance on the exemption from registration provided by Rule 15a-6 under the Exchange Act and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors in the United States. WCM is the U.S. distributor of this communication and accepts responsibility for the contents of this communication. All disclaimers set out with respect to Westpac apply equally to WCM. If you would like to speak to someone regarding any security mentioned herein, please contact WCM on +1 212 389 1269. All disclaimers set out with respect to Westpac apply equally to WCM.

Investing in any non-U.S. securities or related financial instruments mentioned in this communication may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the SEC in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Non-U.S. companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect in the United States. The value of any investment or income from any securities or related derivative instruments denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related derivative instruments.

The author of this communication is employed by Westpac and is not registered or qualified as a research analyst, representative, or associated person under the rules of FINRA, any other U.S. self-regulatory organisation, or the laws, rules or regulations of any State. Unless otherwise specifically stated, the views expressed herein are solely those of the author and may differ from the information, views or analysis expressed by Westpac and/or its affiliates.