

## STATE GOVERNMENT FINANCES

Fiscal space of some states can support massive expansion in capex; execution holds key

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## ABBREVIATIONS

AP: Andhra Pradesh	GoUP: Government of Uttar Pradesh	S&R: Stamps and Registrations
BE: Budget Estimates	GR: Government Resolution	SERC: State Electricity Regulatory Commission
CAG: Comptroller and Auditor General of India	GDP: Gross Domestic Product	SGS: State Government Securities
CAGR: Compound Annual Growth Rate	GSDP: Gross State Domestic Product	SGST: State Goods and Services Tax
CCS: Centrally Sponsored Schemes	GST: Goods and Services Tax	SDG: Sustainable Development Goals
CGA: Controller General of Accounts	GSVA: Gross State Value Added	SOTR: State's Own Tax Revenue
CSS: Centrally Sponsored Schemes	GVA: Gross Value Added	SONTR: State's Own Non-Tax Revenue
DCU: Department Commercial Undertakings	IMR: Infant Mortality Rate	T-Bills: Treasury Bills
D+G/GSDP: Debt and Guarantees as a proportion of Gross State Domestic Product	IMD: Indian Meteorological Department	TN: Tamil Nadu
D+G/RR: Debt and Guarantees as a proportion of Revenue Receipts	Km: Kilometre	TO: Tariff Order
DA: Dearness Allowance	LPA: Long Period Average	UDAY: Ujwal Discom Assurance Yojana
Discoms: State-owned Electricity Distribution Corporations	MOSPI: Ministry of Statistics and Programme	UT: Union Territory
DR: Dearness Relief	MTFP: Medium Term Fiscal Policy	VAT: Value Added Tax
FC: Finance Commission	NBC: Net Borrowing Limit	WB: West Bengal
G-Sec: Government Securities	NDRF: National Disaster Response Fund	WMA: Ways and Means Advances
GO: Government Order	NSDP: Net State Domestic Product	WSSH&UD: Water Supply, Sanitation, Housing and Urban Development
GoI: Government of India	NSSF: National Small Savings Fund	UP: Uttar Pradesh
GoAP: Government of Andhra Pradesh	NSO: National Statistical Office	YoY: Year-on-Yea
GoG: Government of Gujarat	PA: Provisional Actuals	
GoH: Government of Haryana	PC/PRC: Pay Commission/ Pay Revision Commission	
GoK: Government of Karnataka	PFC: Power Finance Corporation	
GoKe: Government of Kerala	PPAC: Petroleum Planning and Analysis Cell	
GoM: Government of Maharashtra	PPS: Percentage Points	
GoMP: Government of Madhya Pradesh	POL: Petroleum, Oil and Lubricants	
GoP: Government of Punjab	POSOCO: Power System Operation Corporation	
GoR: Government of Rajasthan	RDG: Revenue Deficit Grant	
GoTN: Government of Tamil Nadu	REC: Rural Electrification Corporation	
GoTS: Government of Telangana	RBI: Reserve Bank of India	
GoWB: Government of West Bengal	RE: Revised Estimates/Revenue Expenditure	
	RB: Revenue Balance	
	RR: Revenue Receipts	
	SRS: Sample Registration System	

## SOURCES

Data	Source
<b>Geographical Area of the States, Population, Urbanization, Literacy (2011)</b>	Census of India, 2011
<b>IMR (2018)</b>	SRS Bulletins
<b>Irrigation coverage (2018)</b>	Handbook of Statistics on Indian States published by the RBI in November 2021
<b>Per-capita availability of power (2021)</b>	Handbook of Statistics on Indian States published by the RBI in November 2021
<b>Rainfall Statistics</b>	Indian Meteorological Department
<b>GDP, GVA, GSDP, NSDP, GSVA</b>	NSO (August 2022). GSDP estimate up till FY2022 for Andhra Pradesh, Haryana, Karnataka, Kerala, Madhya Pradesh, Punjab, Rajasthan, Tamil Nadu, Telangana and Uttar Pradesh are taken from the NSO. FY2022 GSDP estimate is not available on the NSO's website for Gujarat, Maharashtra, and West Bengal. ICRA has assumed a YoY increase of 17.5% for estimating their FY2022 GSDP of these three states. For estimating FY2023 GSDP, ICRA has assumed a YoY expansion of 15.0% for all the 13 states.
<b>Per Capita Income (FY2021)</b>	NSO (August 2022)
<b>SGST</b>	GST Portal.
<b>Provisional actuals for state finances</b>	CAG. For FY2022, the provisional actuals for revenue receipts, expenditures, revenue and fiscal deficit for 13 states available on the CAG have been used.
<b>Others</b>	Various Finance Commission Reports Government of India Budgets Data published by Controller General of Accounts and CAG of India Data published by the RBI, including various editions of State Finances: A Study of Budgets Budget documents of state governments, Economic Surveys of various states Data published by PPAC, Ministry of Agriculture

## DEFINITIONS

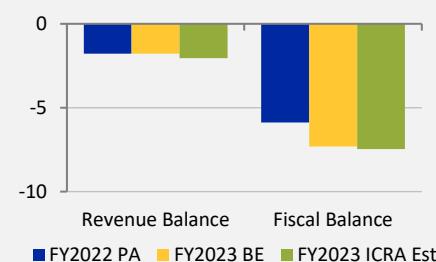
Access to Central Transfers	: Central Taxes plus Grants as a percentage of GSDP
Central Transfers	: Central Taxes plus Grants
Own Tax Effort	: SOTR as a percentage of GSDP
Committed Expenditure	: Sum of Salaries, Pension and Interest Payments
Debt Stock	: Internal Debt, Loans from the GoI and Provident Fund, etc.
Fiscal Deficit	: Revenue Balance plus Capital Receipts less Capital Outlay and Net Lending.
Internal Debt	: SDL, Loans from the NSSF, Loans from Banks and Financial Institutions, Power Bonds, UDAY Bonds, WMA from the RBI etc.
Irrigation Coverage	: Net Irrigated Area as a Proportion of Net Sown Area.
Leverage	: Debt and Guarantees
Per Capita Income	: Per capita NDP/NSDP at current prices
Public Debt	: Internal Debt and Loans from the GoI
Quality of Expenditure	: Sum of Capital Expenditure and Net Lending as a proportion of Total Expenditure
TOL	: Sum of Debt Stock, Reserve Funds, Deposits & Advances and Contingency Fund

## NOTES:

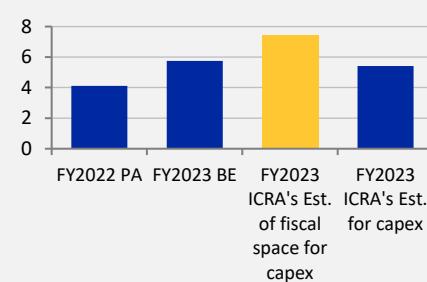
1. The analysis in this note is based on 13 states, namely, Andhra Pradesh, Gujarat, Haryana, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh and West Bengal. The combined GSDP (at current prices) of these states comprised nearly 85% of India's GDP (at current prices) in FY2021.
2. For projecting various parameters for FY2023, ICRA has used the unaudited provisional actuals of FY2022 available from the CAG. The actuals for FY2022 will be available in the FY2024 state budgets, and could be different from the amounts included in the FY2022 PA.
3. ICRA makes the following adjustments in the SONTR of the state governments: (a) interest from departmental commercial undertakings (contra entry) is subtracted from revenue receipts and revenue expenditure (b) receipts from lotteries are netted for lottery expenditure (c) sale of land is treated as a capital receipt and is subtracted from SONTR and added to capital receipts. The SONTR has been adjusted for all years except FY2022 PA.
4. The data on the FY2022 GSDP at current prices is available for Andhra Pradesh, Haryana, Karnataka, Madhya Pradesh, Punjab, Rajasthan, Tamil Nadu, Telangana and Uttar Pradesh. However, for Gujarat, Maharashtra and West Bengal, for which data is not available on the NSO's website, ICRA has assumed a 17.5% growth for their FY2022 GSDP. ICRA has assumed a YoY increase of 15.0% for estimating the FY2023 GSDP of the 13 states, in line with ICRA's forecasts of the nominal GDP of India for FY2023. The comparative analysis of GSVA composition of the 13 states with the national average is for the period FY2017-21.
5. The expenditure on salary for Gujarat, Karnataka, Uttar Pradesh and West Bengal is not available for FY2022 PA, and ICRA has assumed it at the FY2022 RE level; for the remaining nine states, the salary estimate included in FY2022 PA has been used.
6. In FY2022 PA, the power subsidy of the 13 states is not included as a separate line item under their revenue expenditure. Therefore, we have retained the power subsidy amount for FY2022 PA at FY2022 RE level.

## OVERVIEW

**Exhibit: Revenue and fiscal balances (Rs. Trillion)**



**Exhibit: Trends in capital expenditure (Rs. Trillion)**



ICRA estimates that a sample of 13 major state governments has a massive fiscal space of Rs. 7.4 trillion for capital spending in FY2023, ~29% higher than the budgeted Rs. 5.8 trillion. This assessment is based on the unconditional market borrowings of 3.5% of GSDP, the interest-free capex loan of Rs. 1.0 trillion to be provided by the GoI to the state governments, and the additional power sector reform-related borrowing, after setting aside the estimated revenue deficits and the adjustment of off-budget borrowings of FY2022. While considerable funds are available for capex in FY2023, the states' ability to ramp up execution relative to the Rs. 4.1 trillion incurred in FY2022 PA, will crucially affect whether the actual outcome in the current year turns out to be appreciably higher than budgeted.

**Revenue deficit in FY2023 to exceed the BE despite upside in tax devolution and GST compensation grants:** ICRA estimates the combined revenue deficit of the 13 states at Rs. 2.1 trillion, higher than Rs. 1.8 trillion each in FY2023 BE and in FY2022 PA. While we expect tax devolution as well as the GST compensation grants to exceed the budgeted amount in FY2023, this will not be adequate to fully offset the estimated shortfall in other revenue streams as well as higher-than-budgeted revenue expenditure in this fiscal.

**Resources adequate to fully fund or exceed budgeted capex for FY2023 for eight states:** The unconditional market borrowings of 3.5% of GSDP, the interest-free capex loan and additional power sector reform-related borrowing (0.5% of GSDP), after accounting for the estimated revenue deficit and the adjustment of off-budget borrowings of FY2022, form the states' resource envelope for capex for FY2023. We assess that AP, Gujarat, Karnataka, MP, Maharashtra, TN, UP and WB (Sub-set A) will have adequate resources to fully fund or exceed their budgeted capex for FY2023. However, the fiscal space available for Haryana, Rajasthan, Kerala, Punjab, and Telangana (Sub-set B) would be inadequate for funding the capex budgeted for FY2023, by a varying extent. Out of these states, the fiscal space assessed for Kerala and Telangana in FY2023 is curtailed on account of the adjustment of the incremental off-budget debt of FY2022.

**Combined fiscal deficit in FY2023 to exceed the budgeted level:** Given the high YoY capex growth budgeted by many of the states in Sub-set A, and the modest spending seen in the early part of the year, we remain circumspect about whether their capital spending can exceed the budgeted level. Therefore, we have assumed their capital spending to remain in line with the FY2023 BE (except Karnataka, for which we have assumed a 10% growth over the FY2022 PA, as the FY2023 BE had projected a contraction). For Sub-set B, we have assumed that their capex will be limited to the available fiscal space, which is below the FY2023 BE, by a varying extent, suggesting that additional revenue mobilisation and/or expenditure efficiency measures may need to be found to boost capex. Based on this, ICRA projects the likely combined FY2023 capex of the 13 states in the sample at Rs. 5.4 trillion, much lower than the available fiscal space of Rs. 7.4 trillion, and also smaller than the budgeted Rs. 5.8 trillion, albeit a considerable step-up from the Rs. 4.1 trillion seen in FY2022 PA. Based on the projected capex of Rs. 5.4 trillion, ICRA estimates the sample's aggregate fiscal deficit for the current fiscal at Rs. 7.5 trillion, higher than the Rs. 7.3 trillion in FY2023 BE and Rs. 5.9 trillion in FY2022 PA.

**Mild improvement expected in leverage levels:** The combined leverage (debt+ guarantees) level of the sample is expected to improve mildly to 28.8% of GSDP in FY2023 from 29.2% of GSDP in FY2022, with continuing variation across the states.

# ABOUT ICRA

ICRA Limited (formerly Investment Information and Credit Rating Agency of India Limited) was set up in 1991 by leading financial/investment institutions, commercial banks and financial services companies as an independent and professional investment Information and Credit Rating Agency.

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