

FIRST LIGHT 01 March 2023

#### RESEARCH

# **BOB ECONOMICS RESEARCH | GDP**

GDP growth slows to 4.4% in Q3FY23

INFOSYS | TARGET: Rs 1,760 | +17% | BUY

Private 5G-as-a-Service to see multiyear tailwinds

## **SUMMARY**

# **INDIA ECONOMICS: GDP**

Ministry has kept India's growth projection to 7% for FY23 (9.1% in FY22). RBI expects the economy to clock a growth of 6.8% for the same period. Q3FY23 growth is estimated at 4.4% from 6.3% in Q2FY23. Moderation in growth of consumption, imports and investment dragged the growth lower. Global economy continues to reel under the threat of slow down on the back of aggressive monetary tightening by global central banks, dampening global demand and concerns surrounding ongoing geo-political conflict. India's economy is bound to witness some spillover impact on the domestic shores too with dampness in demand. Certain high frequency indicators too have been signaling the same. Against this backdrop, we retain our forecast of 6.8% growth in FY23 with a downward bias.

Click here for the full report.

# **INFOSYS**

- Private 5G expected to be a key enabler for the digital transformation of enterprises
- Use of MEC reduces network lag and enables ultra-reliable connectivity ideal for high-bandwidth IIoT applications
- INFO well placed to leverage its global 5G expertise to deliver agile, secure and cost-effective private 5G as-a-Service

Click here for the full report.

# **Daily macro indicators**

Ticker	24-Feb	27-Feb	Chg (%)
US 10Y yield (%)	3.94	3.91	(3bps)
India 10Y yield (%)	7.42	7.44	2bps
USD/INR	82.75	82.85	(0.1)
Brent Crude (US\$/bbl)	83.2	82.5	(0.9)
Dow	32,817	32,889	0.2
Hang Seng	20,010	19,944	(0.3)
Sensex	59,464	59,288	(0.3)
India FII (US\$ mn)	23-Feb	24-Feb	Chg (\$ mn)
FII-D	13.0	(39.0)	(52.0)
FII-E	(120.7)	(163.5)	(42.8)

Source: Bank of Baroda Economics Research

BOBCAPS Research research@bobcaps.in





GDF

28 February 2023

# GDP growth slows to 4.4% in Q3FY23

Ministry has kept India's growth projection to 7% for FY23 (9.1% in FY22). RBI expects the economy to clock a growth of 6.8% for the same period. Q3FY23 growth is estimated at 4.4% from 6.3% in Q2FY23. Moderation in growth of consumption, imports and investment dragged the growth lower. Global economy continues to reel under the threat of slow down on the back of aggressive monetary tightening by global central banks, dampening global demand and concerns surrounding ongoing geo-political conflict. India's economy is bound to witness some spillover impact on the domestic shores too with dampness in demand. Certain high frequency indicators too have been signaling the same. Against this backdrop, we retain our forecast of 6.8% growth in FY23 with a downward bias.

Jahnavi Prabhakar Economist

### **Revision in Growth**

According to NSO, India's GDP growth for FY23 under the second advance estimates will be 7% against a growth of 9.1% in FY22. The nominal GDP growth is pegged at 15.9% in FY23 against 18.4% growth in FY22.

### Q3FY23 GDP

GDP growth has been trimmed down to 4.4% in Q3FY23 against an increase of 6.3% in Q2 on a YoY basis. This was marginally lower than our expectation of 4.6%. The dip was visible in private consumption which dropped sharply by 2.1% in Q3 after registering a growth of 8.8% in Q2FY23. Moderation in both exports (11.3% versus 12.3 in Q2) and imports (10.9% versus 25.9% in Q2) growth added to the slowdown. Growth in investment demand also eased by 8.3% in Q2 after increasing by 9.7% in Q2FY23. Government consumption made some improvement with slower pace of contraction in Q3 at (-) 0.8% against a decline of (-) 4.1% in Q2.

## **GVA** dragged down lower

GVA growth slipped down by 4.6% for Q3FY23 compared with a growth of 5.5% registered in Q2FY23. Growth in trade, hotel and financial services moderated by 9.7% (15.6% in Q2) and 5.8% (7.1% in Q2) in Q3FY23 respectively. Even growth for public admin and defence moderated further by 2% (5.6% in Q2FY23). Pace of contraction in manufacturing sector though was lower than last quarter at (-) 1.1% versus (-) 3.6% in Q2FY23. However it continues to remain a concern even as the entrenched price pressure was reflected in the quarterly results of the firms and the same was also visible in industrial production.

On the other hand, Electricity and construction sector registered improvement as it clocked growth of 8.2% and 8.4% respectively in Q3FY23. Agriculture continues to shine brightly with the growth improving by 3.7% from 2.4% in Q2FY23. It is expected to do much better in Q4, however caution needs to be maintained with growing risk of heat wave on the rise.





BUY
TP: Rs 1,760 | A 17%

**INFOSYS** 

Technology & Internet

28 February 2023

# Private 5G-as-a-Service to see multiyear tailwinds

- Private 5G expected to be a key enabler for the digital transformation of enterprises
- Use of MEC reduces network lag and enables ultra-reliable connectivity
   ideal for high-bandwidth IIoT applications
- INFO well placed to leverage its global 5G expertise to deliver agile, secure and cost-effective private 5G as-a-Service

Saptarshi Mukherjee research@bobcaps.in

Private 5G a boon for high-bandwidth enterprises: The rollout of private 5G-as-a-Service incorporates multi-access edge computing (MEC), which reduces network lag by minimising the time required for data processing. This enables highly reliable network operations for high-bandwidth enterprise use-cases such as remote-guided vehicles, drone-based real-time analytics, high-definition media & video analytics, metaverse solutions, and a variety of Internet of Things (IoT)/ Industrial IoT (IIoT) applications.

Global private 5G market to grow at ~50% over 2022-30E: According to NTT/ Grand View Research, the global private 5G network market was valued at US\$ 1.5bn in 2022 and is likely to expand at a 49% CAGR over 2022-30, fuelled by the growing need for ultra-reliable low-latency connectivity for IIoT applications, including collaborative robots, industrial cameras, and industrial sensors. As per industry estimates, the market for private 5G services in India is likely to be in the region of US\$ 570mn by 2026. Various reports suggest that the software expense will increase materially as compared to hardware and services over the next decade.

**INFO** ideally positioned to tap demand: INFO's collaboration with its partner ecosystem offers reduced time-to-market and a lower total cost of ownership for private 5G rollout to clients. Enterprises see private 5G as an enabler for their digital transformation, wherein INFO offers vertically aligned pre-integrated business solutions that target faster value realisation for customers. We believe the company is well placed to leverage its global 5G expertise to deliver reliable, secure, and cost-effective private 5G-as-a-Service, using an agile delivery approach.

**Maintain BUY:** The stock is trading at 20.7x/17.6x FY24E/FY25E EPS. Despite INFO's cautious outlook on a few verticals, we believe its strength in managing the twin journeys of digital transformation (Cobalt) and cost takeout will drive growth leadership. We retain BUY and continue to value the stock at 20.5x FY25E EPS, translating to an unchanged TP of Rs 1,760.

## Key changes

Target	Rating	
<b>∢</b> ▶	< ▶	

Ticker/Price	INFO IN/Rs 1,509	
Market cap	US\$ 76.7bn	
Free float	3,319%	
3M ADV	US\$ 109.9mn	
52wk high/low	Rs 1,923/Rs 1,355	
Promoter/FPI/DII	15%/36%/49%	
		i

Source: NSE | Price as of 27 Feb 2023

#### **Key financials**

Y/E 31 Mar	FY22A	FY23E	FY24E
Total revenue (Rs mn)	12,16,410	14,93,753	17,29,592
EBITDA (Rs mn)	3,14,820	3,57,354	4,39,059
Adj. net profit (Rs mn)	2,21,210	2,47,056	3,07,276
Adj. EPS (Rs)	52.8	58.7	73.0
Consensus EPS (Rs)	52.8	59.5	66.3
Adj. ROAE (%)	29.0	30.6	33.5
Adj. P/E (x)	28.6	25.7	20.7
EV/EBITDA (x)	19.5	17.2	14.0
Adj. EPS growth (%)	15.9	11.3	24.4

Source: Company, Bloomberg, BOBCAPS Research

## Stock performance



Source: NSE





NOT FOR DISTRIBUTION, DIRECTLY OR INDIRECTLY, IN OR INTO THE UNITED STATES OF AMERICA ("US") OR IN OR INTO ANY OTHER JURISDICTION IF SUCH AN ACTION IS PROHIBITED BY APPLICABLE LAW.

## **Disclaimer**

Recommendation scale: Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

HOLD - Expected return from -6% to +15%

SELL - Expected return <-6%

Note: Recommendation structure changed with effect from 21 June 2021

Our recommendation scale does not factor in short-term stock price volatility related to market fluctuations. Thus, our recommendations may not always be strictly in line with the recommendation scale as shown above.

#### **Analyst certification**

Each of the analysts mentioned in this research report certify, with respect to the sections of the report for which they are responsible, that (1) all of the views expressed in this report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOB Capital Markets Limited (BOBCAPS).

#### Important disclosures

This product is a compilation of previously published research notes. To view the complete report along with the associated Analyst certifications and Company-specific disclosures, please click on the hyperlink accompanying each excerpt.

#### General disclaimers

BOBCAPS is engaged in the business of Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS has obtained registration as a Research Entity under SEBI (Research Analysts) Regulations, 2014, having registration No.: INH000000040 valid till 03 February 2025. BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017. BOBCAPS CIN Number: U65999MH1996GOI098009.

BOBCAPS prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, BOBCAPS prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover.

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction. We are not soliciting any action based on this material. It is for the general information of BOBCAPS's clients. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice. BOBCAPS research reports follow rules laid down by Securities and Exchange Board of India and individuals employed as research analysts are separate from other employees who are performing sales trading, dealing, corporate finance advisory or any other activity that may affect the independence of its research reports.

The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities — that give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavour to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so.

We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may assume an underwriting commitment in the securities of companies discussed in this document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

### Other disclosures

BOBCAPS does not have any financial interest in the subject company. BOBCAPS does not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS is not engaged in any market making activities for the subject company

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

EQUITY RESEARCH 01 March 2023



BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months.

#### Other disclaimers

BOBCAPS and MAYBANK (as defined below) make no representation or warranty, express or implied, as to the accuracy or completeness of any information obtained from third parties and expressly disclaim the merchantability, suitability, quality and fitness of this report. The information in this report has not been independently verified, is provided on an "as is" basis, should not be relied on by you in connection with any contract or commitment, and should not be used as a substitute for enquiries, procedures and advice which ought to be undertaken by you. This report also does not constitute an offer or solicitation to buy or sell any securities referred to herein and you should not construe this report as investment advice. All opinions and estimates contained in this report constitute BOBCAPS's judgment as of the date of this report and are subject to change without notice, and there is no obligation on BOBCAPS or MAYBANK to update this report upon issuance. This report and the information contained herein may not be reproduced, redistributed, disseminated or copied by any means without the prior consent of BOBCAPS and MAYBANK.

To the full extent permitted by law neither BOBCAPS, MAYBANK nor any of their respective affiliates, nor any other person, accepts any liability howsoever arising, whether in contract, tort, negligence, strict liability or any other basis, including without limitation, direct or indirect, special, incidental, consequential or punitive damages arising from any use of this report or the information contained herein. By accepting this report, you agree and undertake to fully indemnify and hold harmless BOBCAPS and MAYBANK from and against claims, charges, actions, proceedings, losses, liabilities, damages, expenses and demands (collectively, the "Losses") which BOBCAPS and/or MAYBANK may incur or suffer in any jurisdiction including but not limited to those Losses incurred by BOBCAPS and/or MAYBANK as a result of any proceedings or actions brought against them by any regulators and/or authorities, and which in any case are directly or indirectly occasioned by or result from or are attributable to anything done or omitted in relation to or arising from or in connection with this report.

### Distribution into the United Kingdom ("UK"):

This research report will only be distributed in the United Kingdom, in accordance with the applicable laws and regulations of the UK, by Maybank Securities (London) Ltd) ("MSL") who is authorised and regulated by the Financial Conduct Authority ("FCA") in the United Kingdom (MSL and its affiliates are collectively referred to as "MAYBANK"). BOBCAPS is not authorized to directly distribute this research report in the UK.

This report has not been prepared by BOBCAPS in accordance with the UK's legal and regulatory requirements.

This research report is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of MAYBANK as selected by MAYBANK solely at its discretion; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended from time to time (the "Order"), or (c) fall within Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc. as mentioned in the stated Article) of the Order; (all such persons together being referred to as "relevant persons").

This research report is directed only at relevant persons and must not be acted on or relied on by any persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

The relevant person as recipient of this research report is not permitted to reproduce, change, remove, pass on, distribute or disseminate the data or make it available to third parties without the written permission of BOBCAPS or MAYBANK. Any decision taken by the relevant person(s) pursuant to the research report shall be solely at their costs and consequences and BOBCAPS and MAYBANK shall not have any liability of whatsoever nature in this regard.

### No distribution into the US:

This report will not be distributed in the US and no US person may rely on this communication.

### Other jurisdictions:

This report has been prepared in accordance with SEBI (Research Analysts) Regulations and not in accordance with local regulatory requirements of any other jurisdiction. In any other jurisdictions, this report is only for distribution (subject to applicable legal or regulatory restrictions) to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions by Maybank Securities Pte Ltd. (Singapore) and / or by any broker-dealer affiliate or such other affiliate as determined by Malayan Banking Berhad.

If the recipient of this report is not as specified above, then it should not act upon this report and return the same to the sender.

By accepting this report, you agree to be bound by the foregoing limitations.

EQUITY RESEARCH 01 March 2023