

January 17, 2022

# **Q3FY22 Result Update**

☑ Change in Estimates | ■ Target | ■ Reco

## **Change in Estimates**

	Cur	rent	Pre	vious
	FY23E	FY24E	FY23E	FY24E
Rating	В	UY	Е	UY
Target Price	1,	870	1,	870
NII (Rs. m)	8,44,484	9,92,467	8,42,251	9,88,386
% Chng.	0.3	0.4		
Op. Profit (Rs. m)	7,50,192	8,83,135	7,47,317	8,78,424
% Chng.	0.4	0.5		
EPS (Rs.)	80.0	95.5	79.7	95.6
% Chng.	0.3	(0.1)		

## **Key Financials - Standalone**

Y/e Mar	FY21	FY22E	FY23E	FY24E
NII (Rs bn)	649	722	844	992
Op. Profit (Rs bn)	574	647	750	883
PAT (Rs bn)	311	378	442	528
EPS (Rs.)	56.6	68.4	80.0	95.5
Gr. (%)	17.8	20.8	16.9	19.5
DPS (Rs.)	-	6.5	15.0	18.0
Yield (%)	-	0.4	1.0	1.2
NIM (%)	4.1	4.0	4.1	4.1
RoAE (%)	16.6	17.0	17.1	17.8
RoAA (%)	1.9	2.0	2.1	2.1
P/BV (x)	4.2	3.6	3.1	2.7
P/ABV (x)	4.3	3.7	3.2	2.8
PE (x)	27.3	22.6	19.3	16.2
CAR (%)	18.8	18.9	18.5	17.8

Key Data	HDBK.BO   HDFCB IN
52-W High / Low	Rs.1,789 / Rs.1,342
Sensex / Nifty	61,223 / 18,256
Market Cap	Rs.8,564bn/ \$ 1,15,488m
Shares Outstanding	5,542m
3M Avg. Daily Value	Rs.9935.87m

## **Shareholding Pattern (%)**

Promoter's	25.85
Foreign	37.47
Domestic Institution	22.97
Public & Others	13.71
Promoter Pledge (Rs bn)	-

## Stock Performance (%)

	1M	6M	12M
Absolute	2.8	3.1	5.2
Relative	(2.4)	(10.9)	(14.8)

## Palak Shah

palakshah@plindia.com |

# **HDFC Bank (HDFCB IN)**

Rating: BUY | CMP: Rs1,545 | TP: Rs1,870

## Retail a slight drag; asset quality ameliorates

#### **Quick Pointers:**

- Credit Cost at 0.95%(annualized) for the quarter; lowest in past three years.
- Payment fees dent other income; exclusive of that fee income grew 17% YoY

HDFCB's PAT at Rs103.42bn was marginally higher than estimate (PLe: R101.53bn), led by a better than expected NII growth of 13% YoY on the back of healthy loan growth of 16.5% YoY. NII traction remained lower than loan growth for some time now due to high B/S liquidity & non-retail focus. In our view, HDFCB has faced challenges in maintaining loan growth momentum leading to slower NII growth. Said that, improving traction in retail and commercial & rural banking is expected to improve loan & fees coupled with contained slippages will lead to improvement in overall earnings.

We believe that bank has a strong balance sheet with PCR of 70% and ability to absorb higher credit losses, comfortable contingency provisions and restructured stock at <1.5%. With higher earnings visibility leading to superior ROEs of 17-18% over FY23-FY24E, HDFCB stands as one of the best placed in the industry. We reiterate BUY with unchanged TP of Rs1,870 retaining our target multiple at 3.6x Sep-23 ABV.

- Expect calibrated improvement in operating profile: NII growth came in at 13% YoY/4% QoQ with focus on Commercial & Rural Banking and Retail traction. Overall PPOP growth stood at 10.5% YoY weighed down by lower retail mix, lower revolvers than pre-pandemic levels, slower other income and higher opex due to branch expansion and tech related expenses. Other income traction was primarily impacted as payments fees stood under pressure, yet exclusive of that fee income growth at 17%YoY stood relatively better off. Calculated yields remains steady with 12bps QoQ drop, while funding cost came down only by 9bps QoQ maintaining the spreads. Going ahead, NII profile is expected to improve with shift towards granular portfolio within retail mix and changes in overall systemic interest rates. Bank expects PPOP growth to replicate loan growth.
- Loan growth led from Commercial & Rural Banking: CRB lending growth was up 29.4% YoY/6.1% QoQ, followed by retail loan growth of 13.3% YoY/4.7% QoQ. Retail to Non-Retail mix is now at 40:60 compared to 50:50 in pre-pandemic. Improved cash flows for corporates have led to prepayments, while CRB continues to be great opportunity and bank would continue to build market share in this segment. Retail has been subdued due to cautious stance, however the endeavor would be to build it back. On other end, franchise benefit retains flow in deposits especially CASA, helping in lowering funding cost.
- Asset quality pressures easing: Bank reported slippage rate of 1.6% vs 1.8% in Q2FY22. GNPA declined 9bpsQoQ to 1.26%. Bounce rates trends have been improving, stood near pre-covid levels; early Jan data shows further improvement. Bank continues to strengthen its contingency provisioning by Rs6.0bn to Rs86bn (68bps of loans), as also with lower slippages credit costs declined 31bps YoY/36 bps QoQ. Restructuring declined to 1.37% of loans from 1.52% QoQ on account of recoveries and balance due to slipping to NPA.

January 17, 2022



NII growth improved with better loan growth and continued lower cost of funds.

Other income grew by 10% YoY/10.6%QoQ; however, fee income was slow.

Other Opex increases with branch expansion and digitization.

Bank made additional Rs6bn of contingency provisions, provisions came down on lower slippages.

Lending growth rate has improved this quarter led by CRB Loans, deposits led by CASA.

NIMs remain flattish QoQ & YoY

Slower Slippages rate of 160bps (annualized) has improved asset quality, while PCR remains same.

CASA mix remains steady at 47%

Exhibit 1: Top-line performance in-line, provisioning comes off

Financials (Rs m)	Q3FY22	Q3FY21	YoY gr. (%)	Q2FY22	QoQ gr. (%)
Interest income	3,24,681	3,00,797	7.9	3,13,534	3.6
Interest Expended	1,40,246	1,37,621	1.9	1,36,690	2.6
Net interest income (NII)	1,84,435	1,63,176	13.0	1,76,844	4.3
- Treasury income	10,465	11,090	(5.6)	6,755	54.9
Other income	81,836	74,432	9.9	74,008	10.6
Total income	2,66,271	2,37,608	12.1	2,50,852	6.1
Operating expenses	98,511	85,748	14.9	92,779	6.2
-Staff expenses	31,544	26,301	19.9	29,671	6.3
-Other expenses	66,967	59,447	12.6	63,108	6.1
Operating profit	1,67,760	1,51,860	10.5	1,58,073	6.1
Core operating profit	1,57,295	1,40,770	11.7	1,51,318	4.0
Total provisions	29,940	34,141	(12.3)	39,247	(23.7)
Profit before tax	1,37,820	1,17,719	17.1	1,18,826	16.0
Tax	34,398	30,136	14.1	30,483	12.8
Profit after tax	1,03,423	87,583	18.1	88,343	17.1
Balance sheet (Rs m)					
Deposits	1,44,59,181	1,27,11,239	13.8	1,40,63,433	2.8
Advances	1,26,08,628	1,08,23,242	16.5	1,19,88,374	5.2
Profitability ratios			(2.2)		(15)
YoA – Calc	8.1	8.9	(80)	8.2	(12)
CoF – Calc	3.5	4.0	(48)	3.6	(9)
NIM – Reported	4.1	4.2	(10)	4.1	-
RoaA	2.2	2.1	4	2.0	22
RoaE	18.5	18.4	8	16.4	206
Asset Quality					
Gross NPL (Rs mn)	1,60,136	88,256	81.4	1,63,461	(2.0)
Net NPL (Rs mn)	46,768	10,160	360.3	47,551	(1.6)
Gross NPL ratio	1.3	0.8	45	1.4	(9)
Net NPL ratio	0.4	0.1	28	0.4	(3)
Coverage ratio – Calc	70.9	88.5	(1,758)	70.9	-
Covorago rano Caro	7 0.0	00.0	(1,100)	70.0	
Business & Other Ratios					
Low-cost deposit mix	47.1	43.0	409	46.8	30
Cost-income ratio	37.0	36.1	91	37.0	1
Non int. inc / total income	30.7	31.3	(59)	29.5	123
Credit deposit ratio	87.2	85.1	205	85.2	196
CAR	19.5	18.9	60	20.0	(50)
Tier-I	18.4	17.6	80	18.7	(30)

Source: Company, PL.



# **Key Q3FY22 Conference Call Highlights**

## **Business Review & Outlook:**

- Economic environment was more conducive in the current quarter aided by tailwinds from monetary & fiscal policy, robust equity & debt markets, digitizations and the festive seasons have led to improvement in overall growth.
- Deposits Bank opened all-time high of 2.4mn new liability accounts in Q3FY22 up 29% YoY. Deposits growth has been led by CASA growth.
- Assets Advances growth has been led by substantial upswing in CRB followed by Retail Loans.
  - Corporate & Other Wholesale Corporates continue to generate strong
     Cash Flows and hence witnessed fair share of prepayments. Growth –
     Trade continues to be opportunity for credit growth due to factoring,
     invoice financing amongst others. Bank continues to be leader in lending
     to MNCs and seen rebound in credit growth.
  - Commercial & Rural Banking Growth has been aided by market share, expansion in semi-urban and rural areas, underlying strength in the economy.
  - Retail Risk assessment Overall bounce rates have been better than pre-covid levels; early January shows continued improvement. Demand resolution at 97-98% which is near to pre-covid levels and in some segments is even better than pre-covid levels. Cards Card spends has seen 24% YoY while Debit Card Spends increase 14% YoY; however utilization remains in the range of 0.5-0.8 of pre-covid levels. Since Aug-21, Bank has added 13.7 lakh credit cards.

## **Fees/Other Income**

- C/I steady at 37% owing to increased spend to drive sales and services, growth in retail granular book ad continued tech expenses.
- Fees 93% of fees from the retail sector. However, fees from payment products have declined which resulted in flattish fee growth YoY/QoQ due to fee waivers in festive season to incentivize customers, decline in late payment fees.

## Margins/NII

NIM is reflective of shift to higher rated segments and secured retail mix, management expects it to move up in the range of 4.4%-4.5% with increase retail lending, repo rate changes.

## **Asset quality**

- Bank made additional Rs6bn of contingent provisions. (O/S Contingent Provisions – Rs.86bn).
- Bank's restructured portfolio stood at 137 bps (include 28 bps from other facilities to same borrower which are not restructured) and expects an impact of 10-20 bps on this portfolio.



- Bank saw decline in slippages 1.6% vs 1.8% in Q2FY22. It wrote off Rs.22bn in the quarter and sold Rs.2.6bn NPAs.
- Credit Cost Credit declined to 0.95% in Q3FY22, lowest in past 3 years, a reflection of prudent provisioning which the bank made before pandemic. However, management alerted that credit cost of the current quarter is not to be construed as an estimation ahead. GNPAs could move +/- 20bps, hence credit cost could move up in the same band.
- Floating provisions now account for 75% of the GNPAs

Exhibit 2: Retail trends weak; non retail sequentially still better

		_	-		
Loan Composition (Rs mn)	Q3FY22	Q3FY21	YoY gr. (%)	Q2FY22	QoQ gr. (%)
Personal Loans	13,33,990	11,59,630	15.0	12,63,580	5.6
Auto	9,64,260	8,92,770	8.0	9,51,950	1.3
Home Loans	7,89,920	6,66,090	18.6	7,57,540	4.3
Payment Products	7,33,050	6,59,450	11.2	6,77,830	8.1
LAP	5,77,360	4,98,170	15.9	5,44,260	6.1
2Wheelers	92,880	1,04,650	(11.2)	97,130	(4.4)
Gold Loans	81,980	76,360	7.4	81,090	1.1
Other Retail	4,84,070	4,07,820	18.7	4,56,040	6.1
Agri	5,60,310	4,52,840	23.7	5,60,040	0.0
Retail Loans	50,57,510	44,64,940	13.3	48,29,420	4.7
Commercial & Rural Banking	44,02,260	34,00,990	29.4	41,50,240	6.1
Corporate & Wholesale	32,61,820	30,34,830	7.5	31,24,230	4.4
Total Advances	1,27,21,590	1,09,00,760	16.7	1,21,03,890	5.1
Loan Mix	Q3FY22	Q3FY21	bps chg. YoY	Q2FY22	bps chg. QoQ
Vehicle Loans	8.3%	9.2%	(9.2)	8.7%	(4.1)
Unsecured Loans	16.2%	16.7%	(2.6)	16.0%	1.3
Retail Loans	39.8%	41.0%	(2.9)	39.9%	(0.4)
Non Retail Loans	60.2%	59.0%	2.0	60.1%	0.2

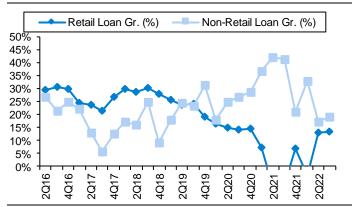
Source: Company, PL

2W loan growth continue to struggle, while Auto loans improve.

Commercial & Rural Banking outshined with strong growth

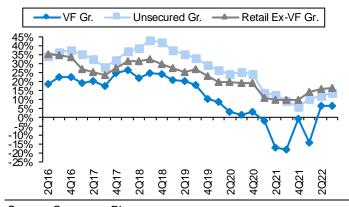
Share of retail portfolio remains same, however non-retail continues to be dominant

Exhibit 3: Retail flattish, while non-retail sees slight uptick



Source: Company, PL

Exhibit 4: Bank still improving market share

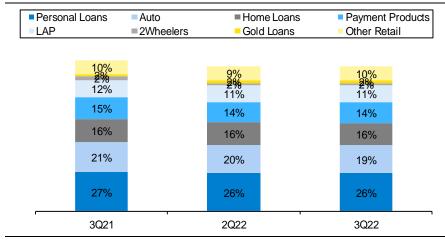


Source: Company, PL

January 17, 2022

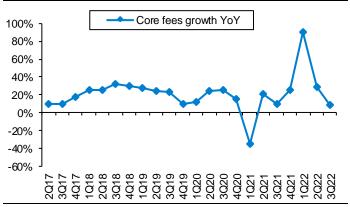


Exhibit 5: Break up of retail book as percentage of retail loans



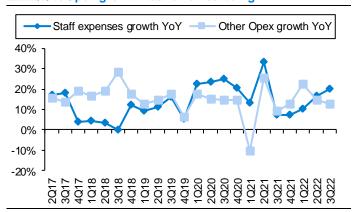
Source: Company, PL

Exhibit 6: Fee growth falls due to payment product fees



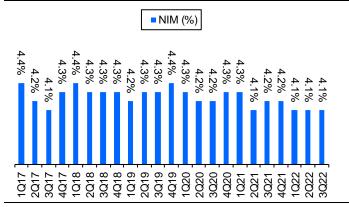
Source: Company, PL

Exhibit 7: Opex growth has remained benign



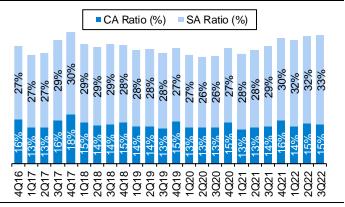
Source: Company, PL

**Exhibit 8: NIMs remain flat** 



Source: Company, PL

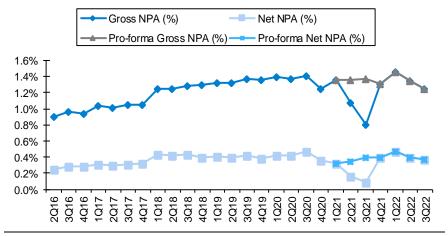
Exhibit 9: CASA steady at 47%



Source: Company, PL



**Exhibit 10: Asset quality improves marginally** 



Source: Company Data, PL Research

Exhibit 11: Return ratios should improve post pandemic

RoA decomposition	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
Interest income	8.32	8.57	8.27	7.38	6.86	7.09	7.31
Interest expenses	4.17	4.40	4.23	3.42	2.99	3.14	3.29
Net interest income	4.16	4.18	4.05	3.96	3.87	3.96	4.02
Treasury income	0.25	0.18	0.29	0.48	0.40	0.21	0.19
Other Inc. from operations	1.33	1.34	1.38	1.06	1.22	1.37	1.38
Total income	5.74	5.71	5.73	5.50	5.49	5.54	5.59
Employee expenses	0.71	0.67	0.69	0.63	0.64	0.65	0.65
Other operating expenses	1.65	1.59	1.53	1.36	1.38	1.38	1.37
Operating profit	3.38	3.44	3.51	3.50	3.47	3.51	3.58
Tax	0.96	0.96	0.75	0.64	0.68	0.71	0.72
Loan loss provisions	0.61	0.65	0.88	0.96	0.76	0.73	0.72
RoAA	1.81	1.83	1.89	1.90	2.02	2.07	2.14
RoAE	17.87	16.50	16.40	16.61	17.02	17.15	17.77

Source: Company, PL

Exhibit 12: We adjust lower NII, other opex and asset quality estimates

Change in Estimates	Earlier estimates Revise			sed estimates		% Change			
(Rs mn)	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E
Net interest income	7,27,250	8,42,251	9,88,386	7,21,844	8,44,484	9,92,467	(0.7)	0.3	0.4
Operating profit	6,51,745	7,47,317	8,78,424	6,47,059	7,50,192	8,83,135	(0.7)	0.4	0.5
Net profit	3,67,124	4,40,729	5,28,554	3,77,532	4,42,035	5,28,037	2.8	0.3	(0.1)
Loan Growth (%)	14.6	16.0	18.0	14.8	16.0	18.0	0.2	-	-
Credit Cost (bps)	115.0	100.0	95.0	100.0	100.0	98.0	(15.0)	-	3.0
EPS, Rs.	66.5	79.7	95.6	68.4	80.0	95.5	2.8	0.3	(0.1)
ABVPS, Rs.	415.5	479.6	556.1	415.1	481.7	558.8	(0.1)	0.4	0.5
Price target, Rs.		1,870		1,870			0.0		
Recommendation		BUY			BUY				

Source: Company, PL

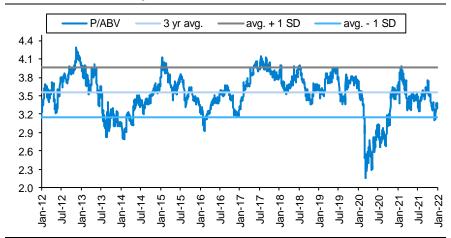


Exhibit 13: We retain our TP to Rs1,870 at Sep-23 ABV with retained multiple of 3.6x

PT calculation and upside	
Market risk premium	7.0%
Risk-free rate	6.3%
Adjusted beta	1.06
Terminal Growth	5.0%
Cost of equity	13.7%
Fair price - P/ABV	1,870
Target P/ABV	3.6
Target P/E	21.3
Current price, Rs	1,545
Upside (%)	21.0%
Dividend yield (%)	1.1%
Total return (%)	22.1%

Source: Company, PL

Exhibit 14: HDFCB one year forward P/ABV trend

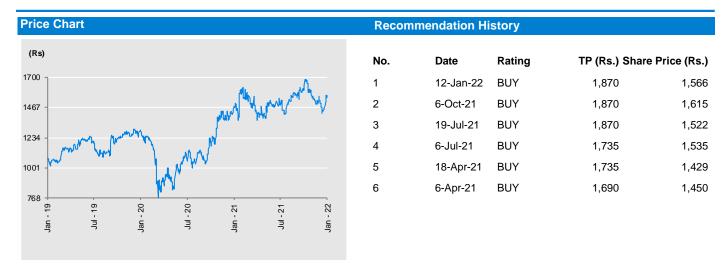


Source: Company, PL



Income Statement (Rs. m)					Occasional State of the Communication of the Commun					
					Quarterly Financials (Rs. m)					
Y/e Mar		Y21 FY22			Y/e Mar	Q4FY21	Q1FY2		Q2FY22	Q3FY22
Int. Earned from Adv.	9,48,				Interest Income	3,04,236	3,04,83		3,13,534	3,24,681
Int. Earned from invt.	2,32,				Interest Expenses	1,33,034	1,34,74		1,36,690	1,40,246
Others	•	094 29,1			Net Interest Income	1,71,201	1,70,09		1,76,844	1,84,435
Total Interest Income	12,08,	582 12,79,6	11 15,13,813	18,05,402	YoY growth (%)	12.6	8	.6	12.1	13.0
Interest Expenses	5,59,	787 5,57,7	67 6,69,329	8,12,936	CEB	50,233	38,85	54	49,459	50,751
Net Interest Income	6,48,	796 7,21,8	44 8,44,484	9,92,467	Treasury	-		-	-	-
Growth(%)			3.7 15.5		Non Interest Income	75,939	62,88		74,008	81,836
Non Interest Income	2,52,				Total Income	3,80,175	3,67,71		3,87,542	4,06,517
Net Total Income	9,00,				Employee Expenses	26,789	27,65	56	29,671	31,544
Growth(%)		5.8	3.3 17.1	18.4	Other expenses	65,024	53,94	19	63,108	66,967
Employee Expenses	1,03,	648 1,20,2	32 1,38,266	1,59,283	Operating Expenses	91,813	81,60	)4	92,779	98,511
Other Expenses	2,10,	554 2,37,9	26 2,75,994	3,20,706	Operating Profit	1,55,328	1,51,37	71 '	1,58,073	1,67,760
Operating Expenses	3,27,	226 3,77,2	44 4,33,046	4,98,221	YoY growth (%)	19.9	18	.0	14.4	10.5
Operating Profit	5,73,	618 6,47,0	59 7,50,192	8,83,135	Core Operating Profits	1,48,777	1,45,36	51	1,51,318	1,57,295
Growth(%)		17.7 12	2.8 15.9	17.7	NPA Provision	-	42,19	97	22,864	18,206
NPA Provision	1,14,	502 1,21,6	67 1,40,454	1,61,146	Others Provisions	46,937	48,30	08	39,247	29,940
Total Provisions	1,57,	029 1,42,3	37 1,56,857	1,77,204	Total Provisions	46,937	48,30	08	39,247	29,940
PBT	4,16,	590 5,04,7	22 5,93,335	7,05,931	Profit Before Tax	1,08,391	1,03,06	S3 '	1,18,826	1,37,820
Tax Provision	1,05,	425 1,27,1	90 1,51,300	1,77,895	Tax	26,526	25,76	66	30,483	34,398
Effective tax rate (%)	2	25.3 25	5.2 25.5	25.2	PAT	81,865	77,29	97	88,343	1,03,423
PAT	3,11,	165 3,77,5	32 4,42,035	5,28,037	YoY growth (%)	18.2	16	.1	17.6	18.1
Growth(%)		18.5 21	1.3 17.1	19.5	Deposits	1,33,50,602	1,34,58,30	00 1,40	0,63,433	1,44,59,181
Balance Sheet (Rs. m)					YoY growth (%)	16.3	13	.2	14.4	13.8
Y/e Mar	FY21	FY22E	FY23E	FY24E	Advances	1,13,28,366	1,14,76,51	1,19	9,88,374	1,26,08,628
Face value	1	1	1	1	YoY growth (%)	14.0	14	.4	15.5	16.5
No. of equity shares	5,513	5,529	5,529	5,529	Key Ratios					
• •					Y/e Mar		FY21 I	FY22E	FY23E	FY24E
Equity	5,513	5,529	5,529	5,529						
Networth	20,37,208	23,98,071	27,57,174	31,85,693	CMP (Rs)		1,545	1,545	1,545	
Growth(%)	19.1	17.7	15.0	15.5	EPS (Rs)		56.6	68.4	80.0	
Adj. Networth to NNPAs	45,548	84,187	60,328	56,007	Book Value (Rs)		370	434	499	
Deposits	1,33,50,602	1,52,19,687	1,76,54,836	2,06,56,159	Adj. BV (70%)(Rs)		357	415	482	
Growth(%)	16.3	14.0	16.0	17.0	P/E (x)		27.3	22.6	19.3	
CASA Deposits	61,56,822	71,38,033	81,21,225	94,19,208	P/BV (x)		4.2	3.6	3.1	
% of total deposits	46.1	46.9	46.0	45.6	P/ABV (x)		4.3	3.7	3.2	
Total Liabilities	1,74,68,705	1,98,59,107	2,28,36,987	2,65,42,621	DPS (Rs)		-	6.5	15.0	
Net Advances			1,50,85,759		Dividend Payout Ratio (%)		-	9.5	18.8	
Growth(%)	14.0	14.8	16.0	18.0	Dividend Yield (%)		-	0.4	1.0	1.2
Investments	44,37,283	51,18,224	59,70,943	66,14,228	Efficiency					
Total Assets	1,74,68,705	1,98,59,107		2,65,42,621	Y/e Mar		FY21	FY22E	FY23E	FY24E
Growth (%)	14.1	13.7	15.0	16.2	Cost-Income Ratio (%)		36.3	36.8	36.	6 36.1
Asset Quality					C-D Ratio (%)		84.9	85.4	85.	
Y/e Mar	F	Y21 FY22	E FY23E	FY24E	Business per Emp. (Rs m)		205	230	262	
Gross NPAs (Rs m)	1,50,	860 1,99,5	35 2,00,782	2,10,131	Profit per Emp. (Rs lacs)		26	31	3	
Net NPAs (Rs m)		548 84,1			Business per Branch (Rs m)		4,401	4,704	5,099	
Gr. NPAs to Gross Adv.(%)	,		1.5 1.3		Profit per Branch (Rs m)		55	63	69	
Net NPAs to Net Adv. (%)			0.6 0.4							- ''
NPA Coverage %	,		7.8 70.0		Du-Pont					
			.5 70.0	70.0	Y/e Mar		FY21 F	FY22E	FY23E	FY24E
Profitability (%)					NII		3.96	3.87	3.96	4.02
Y/e Mar	F'	Y21 FY22	E FY23E	FY24E	Total Income		5.50	5.49	5.54	5.59
NIM		4.1 4	.0 4.1	4.1	Operating Expenses		2.00	2.02	2.03	2.02
RoAA		1.9 2	.0 2.1	2.1	PPoP		3.50	3.47	3.51	3.58
	1	6.6 17	.0 17.1	17.8	Total provisions		0.96	0.76	0.73	0.72
RoAE										
RoAE Tier I		7.6 17	.6 17.3	16.8	RoAA		1.90	2.02	2.07	2.14
	1			16.8 17.8	RoAA RoAE		1.90 16.61	2.02 17.02	2.07 17.15	





## **Analyst Coverage Universe**

Sr. No.	Company Name	Rating	TP (Rs)	Share Price (Rs)
1	Axis Bank	Accumulate	860	743
2	Bank of Baroda	BUY	105	92
3	Federal Bank	Accumulate	97	96
4	HDFC Bank	BUY	1,870	1,566
5	ICICI Bank	BUY	819	811
6	IDFC First Bank	Reduce	42	49
7	IndusInd Bank	BUY	1,297	918
8	Kotak Mahindra Bank	Accumulate	1,978	1,937
9	Punjab National Bank	BUY	40	50
10	South Indian Bank	Hold	9	11
11	State Bank of India	BUY	540	506

## PL's Recommendation Nomenclature (Absolute Performance)

 Buy
 : > 15%

 Accumulate
 : 5% to 15%

 Hold
 : +5% to -5%

 Reduce
 : -5% to -15%

 Sell
 : < -15%</td>

Not Rated (NR) : No specific call on the stock Under Review (UR) : Rating likely to change shortly



## **ANALYST CERTIFICATION**

## (Indian Clients)

We/l, Ms. Palak Shah- CA, B.Com Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

#### (US Clients)

The research analysts, with respect to each issuer and its securities covered by them in this research report, certify that: All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and No part of his or her or their compensation was, is or will be directly related to the specific recommendation or views expressed in this research report.

## **DISCLAIMER**

### **Indian Clients**

Prabhudas Lilladher Pvt. Ltd, Mumbai, India (hereinafter referred to as "PL") is engaged in the business of Stock Broking, Portfolio Manager, Depository Participant and distribution for third party financial products. PL is a subsidiary of Prabhudas Lilladher Advisory Services Pvt Ltd. which has its various subsidiaries engaged in business of commodity broking, investment banking, financial services (margin funding) and distribution of third party financial/other products, details in respect of which are available at www.plindia.com.

This document has been prepared by the Research Division of PL and is meant for use by the recipient only as information and is not for circulation. This document is not to be reported or copied or made available to others without prior permission of PL. It should not be considered or taken as an offer to sell or a solicitation to buy or sell any security.

The information contained in this report has been obtained from sources that are considered to be reliable. However, PL has not independently verified the accuracy or completeness of the same. Neither PL nor any of its affiliates, its directors or its employees accepts any responsibility of whatsoever nature for the information, statements and opinion given, made available or expressed herein or for any omission therein.

Recipients of this report should be aware that past performance is not necessarily a guide to future performance and value of investments can go down as well. The suitability or otherwise of any investments will depend upon the recipient's particular circumstances and, in case of doubt, advice should be sought from an independent expert/advisor.

Either PL or its affiliates or its directors or its employees or its representatives or its clients or their relatives may have position(s), make market, act as principal or engage in transactions of securities of companies referred to in this report and they may have used the research material prior to publication.

PL may from time to time solicit or perform investment banking or other services for any company mentioned in this document.

PL is in the process of applying for certificate of registration as Research Analyst under Securities and Exchange Board of India (Research Analysts) Regulations, 2014

PL submits that no material disciplinary action has been taken on us by any Regulatory Authority impacting Equity Research Analysis activities.

PL or its research analysts or its associates or his relatives do not have any financial interest in the subject company.

PL or its research analysts or its associates or his relatives do not have actual/beneficial ownership of one per cent or more securities of the subject company at the end of the month immediately preceding the date of publication of the research report.

PL or its research analysts or its associates or his relatives do not have any material conflict of interest at the time of publication of the research report.

PL or its associates might have received compensation from the subject company in the past twelve months

PL or its associates might have managed or co-managed public offering of securities for the subject company in the past twelve months or mandated by the subject company for any other assignment in the past twelve months.

PL or its associates might have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months.

PL or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months

PL or its associates might have received any compensation or other benefits from the subject company or third party in connection with the research report.

PL encourages independence in research report preparation and strives to minimize conflict in preparation of research report. PL or its analysts did not receive any compensation or other benefits from the subject Company or third party in connection with the preparation of the research report. PL or its Research Analysts do not have any material conflict of interest at the time of publication of this report.

It is confirmed that Ms. Palak Shah- CA, B.Com Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

The Research analysts for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

The research analysts for this report has not served as an officer, director or employee of the subject company PL or its research analysts have not engaged in market making activity for the subject company

Our sales people, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are 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.

PL and its associates, their directors and employees may (a) from time to time, have a long or short position in, and buy or sell the securities of the subject company or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company or act as an advisor or lender/borrower to the subject company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

## **US Clients**

This research report is a product of Prabhudas Lilladher Pvt. Ltd., which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by Prabhudas Lilladher Pvt. Ltd. only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Prabhudas Lilladher Pvt. Ltd. has entered into an agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo").

Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

#### Prabhudas Lilladher Pvt. Ltd.

3rd Floor, Sadhana House, 570, P. B. Marg, Worli, Mumbai-400 018, India | Tel: (91 22) 6632 2222 Fax: (91 22) 6632 2209 www.plindia.com