Financial Stability Report December 2017

Page No.

Contents

Foreword	
List of Select Abbreviations	i-iii
Overview	1
Chapter I : Macro-Financial Risks	3-16
Global backdrop	3
Domestic economy	9
Chapter II : Financial Institutions: Soundness and Resilience	17-41
Scheduled commercial banks	17
Performance	17
Risks	23
Resilience – Stress tests	24
Scheduled urban co-operative banks	32
Performance	32
Resilience – Stress tests	32
Non-banking financial companies	33
Performance	33
Resilience – Stress tests	34
Interconnectedness	34
Chapter III : Financial Sector: Regulations and Developments	42-67
International and domestic regulatory developments	42
Other developments, market practices and supervisory concerns	59
Annex 1: Systemic Risk Survey	68
Annex 2: Methodologies	72

Contents

		Page No.
LIST C	OF BOXES	
1.1	Commodity Prices and Geopolitical risks	4
1.2	When a Central Bank talks	7
3.1	Capital structure – debt and equity	43
3.2	Regulations for resolutions	45
3.3	Governance in PSBs – Views of previous committees	47
LIST (OF CHARTS	
1.1	World economic growth	3
1.2	Growth in world trade (Y-o-Y)	5
1.3	Wage share of GDP	5
1.4	Current account balance of the Euro area and select Euro area countries	6
1.5	Portfolio investments in Asia	6
1.6	Bloomberg Financial condition index	7
1.7	Developments in US high yield bond market	8
1.8	Growth in GDP and its components	9
1.9	Credit growth in major sectors and major industries	9
1.10	Share of gross fixed capital formation in GDP	10
1.11	Stalled projects and new investments announced	10
1.12	Central government revenue and capital expenditure as a share of total expenditure	10
1.13	Debt position of central public sector undertakings	11
1.14	Export and import growth, trade deficit and crude oil prices	11
1.15	Trends in FPI investments	12
1.16	FPI inflows in equity and debt in select emerging economies	12
1.17	Earnings outlook and relative price to book valuation	13
1.18	Trailing 12 PE – Peer comparison	13
1.19	Movement in corporate bond spreads	13
1.20	CDS, debt limit utilisation, G-sec yields, implied volatility, onshore-offshore forward premia differential and open interest position on NIFTY 50	15
1.21	All-India house price index	16
2.1	Credit and deposit growth: y-o-y basis	17
2.2	Capital adequacy	18
2.3	Asset quality	18
2.4	Change in asset quality	19
2.5	Slippage from standard assets portfolio	19

		Page No.
2.6	Stressed advances in broad sectors	19
2.7	Stressed advances ratios of major sub-sectors within industry	20
2.8	Share of large borrowers in SCBs' loan portfolio	20
2.9	Percentage change in the asset quality of large borrowers	20
2.10	GNPA and SMA-2 ratios of large borrowers	21
2.11	Composition of total funded amount outstanding of large borrowers	21
2.12	Fund based exposure of SCBs to large borrowers (LBs)-Share of top 100	21
2.13	Asset quality and capital adequacy	22
2.14	Provisioning gap and profitability	23
2.15	Profitability	23
2.16	Banking stability indicator	24
2.17	Banking stability map	24
2.18	Macroeconomic scenario assumptions	24
2.19	Projection of GNPA ratio of SCBs	25
2.20	CRAR projections	25
2.21	Projection of CET 1 capital ratio	26
2.22	Credit risk – shocks and impacts	27
2.23	CRAR-wise distribution of banks	27
2.24	Credit concentration risk: Individual borrowers – Stressed advances	28
2.25	Credit concentration risk: Individual borrowers – Exposure	28
2.26	Sectoral credit risk: Infrastructure – shocks and impacts	29
2.27	Equity price risk	30
2.28	Liquidity risk – Shocks and impacts	31
2.29	MTM of total derivatives- select banks	31
2.30	Stress tests – Impact of shocks on derivative portfolio of select banks	32
2.31	Asset quality and capital adequacy of the NBFC sector	33
2.32	Inter-bank market	34
2.33	Share of different bank groups in the inter-bank market	35
2.34	Composition of the fund based inter-bank market	35
2.35	Network structure of the Indian banking system (SCBs + SUCBs)	36
2.36	Connectivity statistics of the banking system	36
2.37	Network plot of the financial system	37
2.38	Net lending (+ve) / borrowing (-ve) by the institutions	38
2.39	Exposure to NBFCs	38
2.40	Exposure to HFCs	39

		Page No.
2.41	Gross exposure (receivables) of pension funds	39
2.42	Contagion plot – Impact of failure of a bank	39
2.43	Contagion impact after macroeconomic shocks	41
3.1	Global banking activity	42
3.2	OTC derivatives and centrally cleared CDS	43
3.3	Bond mobilisation through private placements	49
3.4	NPS – sectoral distribution of subscribers	51
3.5	NPS – sectoral distribution of AUM	51
3.6	NPS – AUM per subscriber (₹ million)	52
3.7	Corporate insolvency resolution process (CIRP) status	52
3,8	CIRP – applicant wise – No. of cases	53
3.9	Mutual funds	60
3.10	Category-wise shareholding for top 500 scrips	61
3.11	Category-wise shareholding for index scrips vis-à-vis top 500 scrips	61
3.12	Percentage change in turnover – 2016-17	61
3.13	Group-wise turnover as a percentage of total equity turnover	62
3.14	Movement of Indian and international commodity indices	62
3.15	Product segment-wise share in all- India commodity futures turnover	62
3.16	BSBDAs – amount outstanding and number of accounts	63
3.17	BSBDAs – availment of OD facilities	63
3.18	Volume and value of total electronic transactions	63
3.19	Notes in circulation vs. value of electronic transactions	63
LIST	OF TABLES	
1.1	MCLR and corporate yields	14
2.1	Credit concentration risk: Group borrowers – Exposure	29
2.2	Interest rate risk – Bank groups – shocks and impacts	30
2.3	Select financial soundness indicators of SUCBs	32
2.4	Aggregated balance sheet of NBFC sector: y-o-y growth	33
2.5	Select ratios of NBFC sector	33
2.6	Inter-sector assets and liabilities	37
2.7	Top 5 banks with maximum contagion impact	40
3.1	Ratings of listed companies by major credit rating agencies (CRAs) in India	49
3.2	Important prudential and consumer protection measures and the rationale thereof	53

Page No