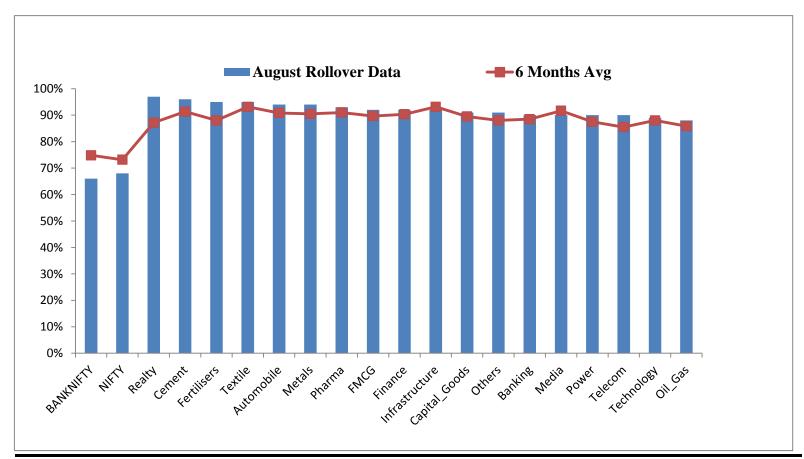


Nonth   Months   Mo					_			
Nonth   Nont	Sector Rollover Data Analysis - August - 2019 Expiry							
Index         BANKNIFTY         74%         75%         66%         82%         76%           Index         NIFTY         74%         73%         66%         81%         73%           Realty         Realty         90%         87%         66%         97%         89%           Cement         Cement         93%         91%         89%         96%         94%           Fertilisers         Fertilisers         85%         88%         79%         95%         79%           Textile         Textile         95%         93%         88%         96%         96%           Automobile         Automobile         93%         91%         86%         94%         93%           Metals         92%         91%         84%         94%         93%           Metals         92%         91%         84%         94%         90%           Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%	Sector	Symbol					25-Jul	31-Aug
Realty         Realty         90%         87%         66%         97%         89%           Cement         Cement         93%         91%         89%         96%         94%           Fertilisers         Fertilisers         85%         88%         79%         95%         79%           Textile         Textile         95%         93%         88%         96%         96%           Automobile         Automobile         93%         91%         86%         94%         93%           Metals         92%         91%         84%         94%         90%           Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91% <td< td=""><td>Index</td><td>BANKNIFTY</td><td>74%</td><td></td><td>66%</td><td>82%</td><td>76%</td><td>66%</td></td<>	Index	BANKNIFTY	74%		66%	82%	76%	66%
Cement         Cement         93%         91%         89%         96%         94%           Fertilisers         Fertilisers         85%         88%         79%         95%         79%           Textile         Textile         95%         93%         88%         96%         96%           Automobile         Automobile         93%         91%         86%         94%         93%           Metals         92%         91%         84%         94%         90%           Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91%         84%           Banking         Banking         91%         89%         84%         92%         <	Index	NIFTY	74%	73%	66%	81%	73%	68%
Fertilisers         Fertilisers         85%         88%         79%         95%         79%           Textile         Textile         95%         93%         88%         96%         96%           Automobile         Automobile         93%         91%         86%         94%         93%           Metals         Metals         92%         91%         84%         94%         90%           Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         0thers         88%         88%         84%         91%         84%           Banking         Banking         91%         89%         84%         92%         92%           Media         Media         92%         90%         93%         93%<	Realty	Realty	90%	87%	66%	97%	89%	97%
Textile         Textile         95%         93%         88%         96%         96%           Automobile         Automobile         93%         91%         86%         94%         93%           Metals         92%         91%         84%         94%         90%           Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         0thers         88%         88%         84%         91%         84%           Banking         Banking         91%         89%         84%         92%         92%           Media         Media         92%         92%         90%         85%         93%           Power         Power         88%         88%         85%         90%         85%	Cement	Cement	93%	91%	89%	96%	94%	96%
Automobile         Automobile         93%         91%         86%         94%         93%           Metals         92%         91%         84%         94%         90%           Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         Infrastructure         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         0thers         88%         88%         84%         91%         84%           Banking         Banking         91%         89%         84%         92%         92%           Media         Media         92%         92%         90%         93%         93%           Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%	Fertilisers	Fertilisers	85%	88%	79%	95%	79%	95%
Metals         Metals         92%         91%         84%         94%         90%           Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91%         84%           Banking         91%         89%         84%         92%         92%           Media         92%         92%         90%         93%         93%           Power         Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         86%         86%         89%         89%	Textile	Textile	95%	93%	88%	96%	96%	95%
Pharma         Pharma         93%         91%         89%         94%         94%           FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91%         84%           Banking         91%         89%         84%         92%         92%           Media         92%         92%         90%         93%         93%           Power         Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         88%         86%         89%         89%	Automobile	Automobile	93%	91%	86%	94%	93%	94%
FMCG         FMCG         92%         90%         85%         94%         94%           Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91%         84%           Banking         91%         89%         84%         92%         92%           Media         92%         92%         90%         93%         93%           Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         88%         86%         89%         89%	Metals	Metals	92%	91%	84%	94%	90%	94%
Finance         Finance         92%         90%         87%         93%         93%           Infrastructure         Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91%         84%           Banking         91%         89%         84%         92%         92%           Media         92%         92%         90%         93%         93%           Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         88%         86%         89%         89%	Pharma	Pharma	93%	91%	89%	94%	94%	93%
Infrastructure         Infrastructure         93%         93%         89%         97%         90%           Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91%         84%           Banking         91%         89%         84%         92%         92%           Media         92%         92%         90%         93%         93%           Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         88%         86%         89%         89%	FMCG	FMCG	92%	90%	85%	94%	94%	92%
Capital_Goods         Capital_Goods         91%         90%         84%         92%         89%           Others         88%         88%         84%         91%         84%           Banking         91%         89%         84%         92%         92%           Media         92%         92%         90%         93%         93%           Power         Power         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         88%         86%         89%         89%	Finance	Finance	92%	90%	87%	93%	93%	92%
Others         0thers         88%         88%         84%         91%         84%           Banking         91%         89%         84%         92%         92%           Media         92%         92%         90%         93%         93%           Power         88%         88%         85%         90%         85%           Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         86%         89%         89%	Infrastructure	Infrastructure	93%	93%	89%	97%	90%	92%
Banking         Banking         91%         89%         84%         92%         92%           Media         Media         92%         92%         90%         93%         93%           Power         Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         88%         86%         89%         89%	Capital_Goods	Capital_Goods	91%	90%	84%	92%	89%	91%
Media         Media         92%         92%         90%         93%         93%           Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         86%         86%         89%         89%	Others	Others	88%	88%	84%	91%	84%	91%
Power         88%         88%         85%         90%         85%           Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         86%         89%         89%	Banking	Banking	91%	89%	84%	92%	92%	90%
Telecom         Telecom         89%         86%         78%         91%         91%           Technology         Technology         88%         88%         86%         89%         89%	Media	Media	92%	92%	90%	93%	93%	90%
Technology         Technology         88%         86%         89%         89%	Power	Power	88%	88%	85%	90%	85%	90%
	Telecom	Telecom	89%	86%	78%	91%	91%	90%
Oil Gas 88% 86% 82% 80% 88%		Technology	88%	88%	86%	89%	89%	89%
	Oil_Gas	Oil_Gas	88%	86%	82%	89%	88%	88%

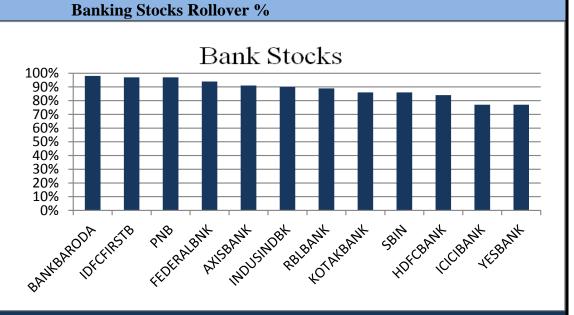




## Rollover Data Analysis - August 2019 Expiry



Symbol	Rollover
BANKBARODA	98%
IDFCFIRSTB	97%
PNB	97%
FEDERALBNK	94%
AXISBANK	91%
INDUSINDBK	90%
RBLBANK	89%
KOTAKBANK	86%
SBIN	86%
HDFCBANK	84%
ICICIBANK	77%
YESBANK	77%



Rollover Data Analysis - August 2019 Expiry			<b>Narnolia</b> <sup>®</sup>	
			IT Stocks Rollover %	
Symbol	Rollover		> TIO - TT O - 1	
TCS	94%		Nifty IT Stock	S
HCLTECH	93%	100%		
MINDTREE	93%	80%		
OFSS	93%	60%		
TATAELXSI	93%	40% 20%		
TECHM	93%	0%		
INFY	92%			My See the
WIPRO	92%		TE HUTELY MUTRE OFS TRIBLYS TECHN	Mr. Wille
NIITTECH	62%	1	, 4u, 1h	•



	over Data Analysis - August 2019 Expiry	R <sup>®</sup>			
	Power Stocks Rollover %				
Symbol	Rollover				
TORNTPOWER	97%	Power Stocks	_		
ADANIPOWER	95%	80%	_		
CESC	95%	60%	_		
TATAPOWER	93%	40%	-		
POWERGRID	92%	20%	_		
RECLTD	91%	0%			
RELINFRA	85%	TORNIE KDAME CESC LALADO SOMER RECTIO EFFIMEN MISC			
NTPC	74%	1 12 km			

	Rollo	over Data Analysis - August 2019 Expiry  Narnolia®
	- In 11	Oil & Gas Stocks Rollover %
Symbol	Rollover	0110.0
CASTROLIND	98%	Oil& Gas
PETRONET	98%	100%
HINDPETRO	97%	80%
GAIL	92%	60%
BPCL	91%	1 60%
OIL	90%	40%
IGL	89%	20% — — — — — — — — — — — — — — — — — — —
RELIANCE	89%	0%
ONGC	80%	
MGL	79%	CASTROLIND RETRONET RO GAIL BACK OIL ICE MEE MEE TOC
IOC	67%	astr per unit



89%

### Narnolia® Rollover Data Analysis - August 2019 Expiry **Metal Stocks Rollover % Symbol** Rollover Metal Stocks HINDALCO 97% 100% JINDALSTEL 97% 95% **JSWSTEEL** 97% 90% NMDC 97% 85% **NATIONALUM** 96% 80% **TATASTEEL** 96% HADE HALLIM TATASTEEL HMDALO HMDASTEL ISMSTEEL SAIL 93% HINDZINC 91%

**VEDL** 

# Narnolia®

No.	Sector	Symbol	31-Aug
1	Cement	ACC	99%
2	Automobile	ASHOKLEY	98%
3	Automobile	MOTHERSUMI	98%
4	Automobile	TATAMTRDVR	98%
5	Banking	BANKBARODA	98%
6	Cement	GRASIM	98%
7	Cement	SHREECEM	98%
8	FMCG	MARICO	98%
9	Finance	M&MFIN	98%
10	Oil_Gas	CASTROLIND	98%
11	Automobile	BHARATFORG	97%
12	Automobile	ESCORTS	97%
13	Automobile	EXIDEIND	97%
14	Banking	CANBK	97%
15	Banking	IDFCFIRSTB	97%
16	Banking	PNB	97%
17	Banking	UNIONBANK	97%
18	Cement	AMBUJACEM	97%
19	FMCG	GODREJCP	97%
20	FMCG	NESTLEIND	97%

Narnolia Financial Advisors Ltd. is a SEBI registered Research Analyst having SEBI Registration No. INH300006500. The Company/Analyst (s) does/do not have any holding in the stocks discussed but these stocks may have been recommended to clients in the past. Clients of Narnolia Financial Advisors Ltd. may be holding aforesaid stocks.

The stocks recommended are based on our analysis which is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed.

<u>Disclosures</u>: Narnolia Financial Advisors Ltd. (NFAL) (FormerlyMicrosec Capital Ltd.) is a SEBI Registered Research Analyst having registration no. INH300006500. NFALis engaged in the business of providing Stock Broking, Depository Participant, Merchant Banking, Portfolio Management & distribution of various financial products. Details of associate entities of NFAL is available on the website at www.narnolia.com

No penalties have been levied on NFAL by any Regulatory/Statutory authority. NFAL, it's associates, Research Analyst or their relative may have financial interest in the subject company. NFAL and/or its associates and/or Research Analyst may have beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report, NFAL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (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 company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of NFAL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report. Research Analyst may have served as director/officer, etc. in the subject company in the last 12 month, period, NFAL and/or its associates may have received compensation from the subject company in the past 12 months. In the last 12 months period ending on the last day of the month immediately preceding the date of publication of this research report. NFAL or any of its associates may have: a) managed or co-managed public offering of securities from subject company of this research report. b) received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, c) received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report, d) Subject Company may have been a client of NFAL or its associates during 12 months preceding the date of distribution of the research report. NFAL and it's associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. NFAL and / or its affiliates may do and seek to do business including Investment Banking with companies covered in the research reports. As a result, the recipients of this report should be aware that NFAL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific Merchant Banking, Investment Banking or Brokerage service transactions. Research Analyst's views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of NFAL or its associates maintains arm's length distance with Research Team as all the activities are segregated from NFAL research activity and therefore it can have an independent view with regards to subject company for which Research Team have expressed their views.

Analyst Certification The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

#### Disclosure of Interest Statement-

	NU.
Analyst's ownership of the stocks mentioned in the Report	NIL

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com.

Correspondence Office Address: Arch Waterfront, 5th Floor, Block GP, Saltlake, Sector 5, Kolkata 700 091; Tel No.: 033-40541700; www.narnolia.com.

Registered Office Address: Marble Arch, Office 201, 2nd Floor, 236B, AJC Bose Road, Kolkata 700 020; Tel Np.: 033-4050 1500; www.narnolia.com

Compliance Officer: Manish Kr Agarwal, Email Id: mkagarwal@narnolia.com, Contact No.:033-40541700.

Registration details of Company: Narnolia Financial Advisors Ltd. (NFAL): SEBI Stock Broker Registration: INZ000166737 (NSE/BSE/MSEI); NSDL/CDSL: IN-DP-380-2018; Research Analyst: INH300006500, Merchant Banking: (Registration No.: INM000010791), PMS: (Registration No.: INP000002304), AMFI Registered Mutual Fund distributor: ARN 3087

Registration Details of Group entities: G. Raj & Company Consultants Ltd (G RAJ)-BSE Broker INZ260010731; NSDL DP: IN-DP-NSDL-371-2014 || Narnolia Commerze Limited (Formerly Microsec Commerze Ltd.)-MCX/NCDEX Commodities Broker: INZ000051636 || NarnoliaVelox Advisory Ltd. - SEBI Registered PMS: INP000005109 || Eastwind Capital Advisors Pvt Ltd. (EASTWIND)-SEBI Registered Investment Adviser: INA300005439 || Narnolia Insurance Brokers Limited (Formerly Microsec Insurance Brokers Ltd.)-IRDA Licensed Direct Insurance Broker (Life & Non-Life) Certificate No. 134, License No. DB046/02 || Narnolia Securities Ltd. (NSL)-AMFI Registered Mutual Fund distributor: ARN 20558, PFRDA NPS POP: 27092018 || Narnolia Capital Advisors Pvt. Ltd. - RBI Registered NBFC:B.05.02568.

### Disclaimer:

This report has been prepared by Narnolia Financial Advisors Ltd. (NFAL)and is meant for sole use by the recipient and not for public circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of NFAL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific ircumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should cons

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject NFAL & its group companies to registration or licensing requirements within such jurisdictions.