

#### **RESULT UPDATE**

#### **KEY DATA**

Rating	BUY
Sector relative	Neutral
Price (INR)	399
12 month price target (INR)	450
52 Week High/Low	648/327
Market cap (INR bn/USD bn)	235/2.8
Free float (%)	36.6
Avg. daily value traded (INR mn)	457.1

#### SHAREHOLDING PATTERN

	Mar-25	Dec-24	Sep-24
Promoter	57.67%	57.68%	57.70%
FII	18.69%	17.51%	17.65%
DII	15.44%	16.49%	17.05%
Pledge	0%	0%	0%

FINANCIALS (INR mn)							
Year to March	FY25A	FY26E	FY27E	FY28E			
GDPI	167,162	188,128	214,145	243,410			
NEP	148,222	168,101	190,232	213,948			
U/W profit /(loss)	(3,785)	(1,108)	1,302	2,413			
PAT	6,459	8,971	11,985	14,323			
EPS Growth (%)	(23.9)	38.9	33.6	19.5			
Combined ratio (%)	101.1	99.2	97.7	96.9			
RoAE (%)	9.7	12.4	14.5	15.0			
Adj. P/E (x)	35.8	25.8	19.3	16.1			
P/ABV (x)	3.3	2.9	2.5	2.2			

#### **CHANGE IN ESTIMATES**

	Revised (	estimates	% Revi	sion
Year to March	FY26E	FY27E	FY26E	FY27E
NEP	176,276	200,868	(0.1)	(1.3)
CoR	99.2	97.7	0bp	0bp
U/W profit	(1,108)	1,302	39128.8	(56.7)
APAT	8,971	11,985	(7.8)	(5.1)

#### PRICE PERFORMANCE



## Loss ratios disappoint

Adjusted for 1/n accounting, Q4FY25 GWP grew 12.9% YoY (reported growth of just 3.4% YoY). Loss ratios stayed elevated at 69.2% (+512/-220bp YoY/QoQ); commission and expenses ratio also rose 131bp YoY. This resulted in an overall 642bp YoY jump in CoR to 99.2%, resulting in an underwriting loss of INR2.8bn (+202.2% YoY). Moderation in investment income (-2.7% YoY) further dragged APAT to INR5mn.

We expect corrective actions in the form of selective underwriting and repricing along with scale benefits to reduce CoRs. We are tweaking estimates, pushing down our FY26E/27E APAT by 7.8%/5.1%, yielding a TP of INR450 (earlier INR440). The stock is trading cheap at FY26E/27E PE of 25.8x/19.3x, and P/Inv. book of 1.2/1x; retain 'BUY'.

### Fresh business growth returns

Q4FY25 GWP grew 3.4% YoY/35.3% QoQ to INR51.4bn. Adj. for 1/n accounting, Q4 GWP growth came in at 12.9% YoY versus reported growth of just 3.4% YoY. NEP improved 11.9% YoY to INR38bn. We estimate fresh business in GWP mix improved to 23.3% in Q4FY25 (+400bp YoY). Management stated that less than 15% of the fresh business is port-in business—indicating lower loss ratios in the waiting period. Management also stated that long-term business as a proportion of fresh business is high at 35%, which we believe should result in improved renewal rates over FY26-28E. For FY25, the agency business has delivered new business growth of 16% YoY (9MFY25: 14%). For FY25, the share of agency channel in fresh GWP declined to 61% (-335bp YoY), while the share of digital channel surged to 17% (+473bp YoY).

#### Underwriting losses surge, investment income down; profit plunges

For Q4, loss ratios continued to stay elevated at 69.2% (512bp YoY/-220bp QoQ) as management clarified that loss ratios have remained elevated as elective surgeries had increased. Additionally, management stated retail/group claim ratio for FY25 increased 300bp/1,250bp YoY to 68.8%/89.8% YoY. Management raised the prices by 8-12% in ~65% of the retail portfolio, and is now more selective in underwriting the group business. The impact of these measures will take time to flow in net earned premium and reduce loss ratios. Management refrained from giving out a guidance on loss ratios, but continued to indicate that QoQ loss ratios continued to improve. We believe loss ratios will improve, but may take a few quarters. The commission ratio increased 151bp YoY/163bp QoQ to 15.8%, mainly due to change to 1/n accounting. For Q4, CoR jumped 642bp YoY to 99.2%. Weak markets dragged investment income by 2.7% YoY to INR2.85bn at a yield of 6.4% (-120bp YoY). This coupled with a 4x underwriting loss led to a 99.6% QoQ dip in APAT to INR5mn.

#### **Financials**

Year to March	Q4FY25	Q4FY24	% Change	Q3FY25	% Change
NEP	37,983	33,953	11.9	37,997	0
Combined ratio(%)	69.2	64.51	512bp	71.4	(220)bp
Underwriting profit/(loss)	( 2,752)	( 910)	202.2	( 490)	461.8
APAT	5	1,423	(99.6)	2,151	(99.8)

Madhukar Ladha madhukar.ladha@nuvama.com Mahrukh Adaiania Mahrukh.Adajania@nuvama.com

## **Financial Statements**

### **Income Statement (INR mn)**

Year to March	FY25A	FY26E	FY27E	FY28E
GDPI	167,162	188,128	214,145	243,410
GWP	167,814	188,128	214,145	228,805
Net earned premium (NEP)	148,222	168,101	190,232	213,948
Total claims incurred	104,194	116,326	130,880	146,554
Total commission	22,407	25,560	29,126	33,406
Operating expenses	25,406	27,323	28,925	31,575
Underwriting profit/(loss)	(3,785)	(1,108)	1,302	2,413
Investment income	12,853	14,052	15,734	17,815
Provisions (Other than taxation)	5	14	16	18
Expenses of management	508	563	624	692
Operating profit	8,556	12,368	16,395	19,518
Interest expense	0	400	400	400
Other income	55	20	21	22
Profit before tax	8,611	11,988	16,017	19,140
Taxes	2,152	3,017	4,031	4,818
APAT	6,459	8,971	11,985	14,323
Extraordinary	0	0	0	0
RPAT	6,459	8,971	11,985	14,323

#### **Key Ratios (%)**

Year to March	FY25A	FY26E	FY27E	FY28E
Growth				
GDPI growth	9.6	12.5	13.8	13.7
GWP growth	10.0	12.1	13.8	6.8
NEP growth	14.6	13.4	13.2	12.5
Operating profit growth	(23.9)	39.9	33.7	19.5
APAT growth	(23.6)	38.9	33.6	19.5
FDEPS growth	(23.9)	38.9	33.6	19.5
Effeciency				
Claims ratio	70.3	69.2	68.8	68.5
Commission ratio	14.4	14.5	14.5	14.6
Expenses ratio	16.7	15.8	14.7	14.1
Combined ratio	101.1	99.2	97.7	96.9
Underwriting profit margin (%)	(2.6)	(0.7)	0.7	1.1
Investment yield	7.6	7.5	7.5	7.5
Investment Income/NEP (%)	8.7	8.4	8.3	8.3
EBIT margin	5.8	7.4	8.6	9.1
PAT margin	4.4	5.3	6.3	6.7
ROE	9.5	11.9	13.9	14.4
Adjusted ROE	9.7	12.4	14.5	15.0
Claims os/ NEP (x)	0.1	0.1	0.1	0.1
Technical reserves/NEP (x)	0.7	0.7	0.6	0.7
Investment leverage (x)	2.5	2.5	2.4	2.4

Source: Company and Nuvama estimates

### **Balance Sheet (INR mn)**

Year to March	FY25A	FY26E	FY27E	FY28E
Share capital	5,878	5,878	5,878	5,878
Reserve and surplus	64,359	72,969	84,954	99,277
Total shareholders fund	75,821	84,574	96,718	111,221
Fair value change account	885	1,027	1,186	1,366
Borrowings	4,700	4,700	4,700	4,700
Total source of funds	207,846	226,743	254,886	290,147
Investments	178,984	199,530	224,273	255,592
Net block	1,849	2,318	2,430	2,642
Goodwill	0	0	0	0
Deferred tax asset	3,512	800	800	800
Cash & bank balance	6,684	5,547	6,278	7,060
Advances & other assets	16,817	18,548	21,105	24,053
Total current assets	23,501	24,095	27,383	31,113
Current liabilities	29,749	31,541	35,303	39,480
Provisions	90,814	90,814 97,833		123,326
Total current liabilities	132,025	142,170	158,168	178,926
Net current assets	23,501	24,095	27,383	31,113
Total assets	207,846	226,743	254,886	290,147

#### **Per Share Data**

Year to March	FY25A	FY26E	FY27E	FY28E
FDEPS (INR/sh)	10.9	15.1	20.2	24.1
DPS (INR/sh)	0	0	0	0
BV (INR/sh)	120.6	135.4	156.0	180.6

#### **Valuation at CMP**

Year to March	FY25A	FY26E	FY27E	FY28E
P/GWP	1.4	1.2	1.1	0.9
Adj. P/E	35.8	25.8	19.3	16.1
Adj. P/E (Adj for FV change)	35.2	24.8	18.6	15.6
P/ABV	3.3	2.9	2.5	2.2
Dividend Yield (%)	0	0	0	0

### Valuation at TP

Year to March	FY25A	FY26E	FY27E	FY28E
P/GWP	1.6	1.4	1.2	1.1
Adj. P/E	41.4	29.8	22.3	18.7
Adj. P/E (Adj for FV change)	40.7	28.7	21.6	18.1
P/ABV	3.8	3.4	2.9	2.5
Dividend Yield (%)	0	0	0	0

Exhibit 1: NEP grew 11.9% YoY; loss ratio up 512bp YoY to 71.4% dragging profit down 99.6% YoY

(INR mn)	Q4FY25	Q4FY24	YoY(%/bp)	Q3FY25	QoQ(%/ bp)	FY25	FY24	YoY(%/ bp)	FY26E	FY27E
NWP	48,196	45,700	5.5	35,604	35.4	155,252	140,674	10.4	176,276	200,868
NEP	37,983	33,953	11.9	37,997	(0.0)	148,222	129,383	14.6	168,101	190,232
Claims Incurred (net)	26,301	21,774	20.8	27,145	(3.1)	104,194	85,999	21.2	(116,326)	(130,880)
Commission (net)	7,598	6,516	16.6	5,032	51.0	22,407	18,537	20.9	(25,560)	(29,126)
Operating expenses	6,836	6,574	4.0	6,309	8.4	25,406	23,357	8.8	(27,323)	(28,925)
Premium deficiency	-	-	NM	-	NM	-	-	NM	-	-
Underwriting profit/(loss)	(2,752)	(910)	202.2	(490)	461.8	(3,785)	1,489	(354.1)	(1,108)	1,302
Investment Income	2,853	2,932	(2.7)	3,478	(18.0)	12,853	10,841	18.6	14,052	15,734
Provisions (Other than taxation)	4	21	(79.5)	-	NM	5	7	(29.0)	(14)	(16)
Shareholders' expenses	146	128	14.6	120	22.3	508	489	3.8	(563)	(624)
Operating profits	(49)	1,873	(102.6)	2,869	(101.7)	8,556	11,835	(27.7)	12,368	16,395
Interest Expense	-	-	NM	-	NM	-	-	NM	(400)	(400)
Other income	41	24	68.9	1	3,970.0	55	41	34.7	20	21
PBT	(9)	1,897	(100.5)	2,870	(100.3)	8,611	11,876	(27.5)	11,988	16,017
Тах	(14)	474	(102.9)	718	(101.9)	2,152	2,838	(24.2)	(3,017)	(4,031)
APAT	5	1,423	(99.6)	2,151	(99.8)	6,459	9,037	(28.5)	8,971	11,985
Extraordinary	-	-	NM	-	NM	-	-	NM	-	-
RPAT	5	1,423	(99.6)	2,151	(99.8)	6,459	9,037	(28.5)	8,971	11,985
Ratios (%)										
Claims Ratio	69.2	64.1	512bp	71.4	(220)bp	70.3	66.5	383bp	69.2	68.8
Commission Ratio	15.8	14.3	151bp	14.1	163bp	14.4	13.2	126bp	14.5	14.5
Expense Ratio	14.2	14.4	(20)bp	17.7	(354)bp	16.4	16.6	(24)bp	15.5	14.4
Combined Ratio	99.2	92.8	642bp	103.3	(410)bp	101.1	96.2	484bp	99.2	97.7

Source: Company, Nuvama Research

Exhibit 2: Retail health GWP decreases -0.5% YoY to INR47.8bn as 1/n recognition hurt growth

	Q4FY24	Q1FY25	Q2FY25	Q3FY25	Q4FY25	YoY (% / bp)	QoQ (% / bp)
GWP (INR bn):							
Retail	48.0	31.9	39.1	36.0	47.8	(0.5)	32.7
Group	4.0	3.1	3.9	2.0	3.6	(10.1)	79.8
PA	-	-	-	-	-	NM	NM
Travel	-	-	-	-	-	NM	NM
Re-insurance inward	-	-	-	0.4	-	-	-
Total GWP	52.0	35.0	43.0	38.4	51.4	(1.2)	33.8
GWP Mix (%)							
Retail	92.3	91.1	90.9	93.8	93.0	69bp	(75)bp
Group	7.7	8.9	9.1	5.2	7.0	(69)bp	179bp
PA	-	-	-	-	-	-	-
Travel	-	-	-	-	-	-	-
Re-insurance inward	-	-	-	1.0	-	-	(104)bp
Total	100	100	100	100	100		

Source: Company, Nuvama Research

Exhibit 3: Individual agents' channel contributes 82% (0/-325bp YoY/QoQ) to GWP

	Q4FY24	Q1FY25	Q2FY25	Q3FY25	Q4FY25	YoY(%/bp)	QoQ(%/bp)
Channel mix (%)							
Individual Agents	82.0	80.0	81.0	85.3	82.0	(0)bp	(325)bp
Banca	NA	8	8	5.2	7.0	700bp	183bp
Corporate	NA	5	9	(3.0)	4.0	400bp	691bp
Digital	NA	7	2	12.5	7.0	700bp	(548)bp
Total	NA	100	100	100	100		
Channel mix (INR bn)							
Individual Agents	41.0	28.0	34.7	32.4	42.1	2.8	28.7
Banca	NA	2.8	3.4	2.0	3.6	NM	81.1
Corporate	NA	1.8	4.0	(1.1)	2.1	NM	NM
Digital	NA	2.5	0.9	4.8	3.6	NM	(25.0)
Total	52.0	35.0	43.0	38.0	51.4	(1.2)	33.8

Source: Company, Nuvama Research

### **Exhibit 4: Analytical ratios**

Analytical ratios	Q4FY24	Q1FY25	Q2FY25	Q3FY25	Q4FY25	YoY(%/bp)	QoQ(%/bp)
Net Retention Ratio (%)	92.0	91.2	90.9	93.8	93.8	182bp	1bp
Net Commission Ratio (%)	14.3	13.5	13.8	14.1	15.8	150bp	163bp
EOM to GDPI Ratio (%)	29.8	32.2	30.9	31.8	30.0	16bp	(184)bp
EOM to NWP Ratio (%)	28.6	31.6	30.2	31.8	30.0	131bp	(189)bp
Net Incurred Claims to NEP (%)	64.1	67.6	72.8	71.4	69.2	511bp	(220)bp
Combined Ratio (%)	92.8	99.1	103.0	103.3	99.2	642bp	(409)bp
Technical Reserves to net premium ratio (%)	203.0	286.0	242.0	268.0	219.0	1,600bp	(4,900)bp
Underwriting balance ratio (%)	(2.7)	4.0	(5.2)	(1.3)	(7.2)	(456)bp	(597)bp
Operating Profit Ratio (%)	2.7	8.9	0.4	4.0	(2.3)	(494)bp	(630)bp
Liquid Assets to liabilities ratio (%)	0.4	0.2	0.4	0.4	0.4	9bp	5bp
Net earning ratio (%)	3.1	10.1	2.8	6.0	0.0	(310)bp	(603)bp
Return on net worth ratio (%)	2.3	4.8	1.6	3.1	0.0	(224)bp	(305)bp

Source: Company, Nuvama Research

### **Exhibit 5: Operational metrics**

Operational information	Q4FY24	Q1FY25	Q2FY25	Q3FY25	Q4FY25	YoY (%/bp)	QoQ (%/bp)
Number of agents (in mn)	0.7	0.7	0.7	0.8	0.8	10.6	1.8
Sponsored Health Agency Force	0.1	0.1	0.1	0.1	0.1	11.7	5.1
Number of hospitals in network (in actual number)	14.3	14.3	14.4	14.3	NA		
Branch Network	881.0	887.0	902.0	910.0	913.0	3.6	0.3

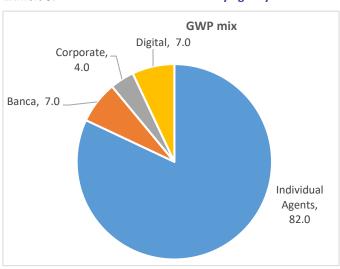
Source: Company, Nuvama Research

Exhibit 6: Retail health market share improves QoQ to 33%



Source: Company, Nuvama Research

Exhibit 8: Distribution mix dominated by agency channel



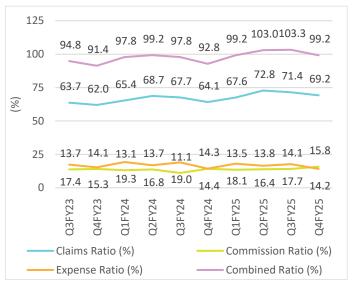
Source: Company, Nuvama Research

Exhibit 10: Hospital network at 14.4K



Source: Company, Nuvama Research

Exhibit 7: Combined ratio increases 642bp YoY to 99.2%



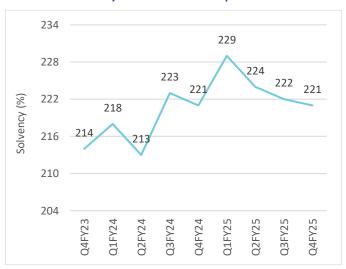
Source: Company, Nuvama Research

Exhibit 9: Share of Retail increases 69bp YoY to 93%



Source: Company, Nuvama Research

Exhibit 11: Solvency ratio declines 100bp YoY to 221%



Source: Company, Nuvama Research

**Exhibit 12: Estimates revisions** 

	Earlier		Revised		Change (%/bp	s)
(INR mn)	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
Net written premium	176,503	203,500	176,276	200,868	(0.1)	(1.3)
Net earned premium	171,939	198,214	168,101	190,232	(2.2)	(4.0)
COR (%)	99.2	97.7	99.2	97.7	0bps	0bps
Underwriting profits	(3)	3,005	(1,108)	1,302	39,192.8	(56.7)
Investment book	186,370	204,489	199,530	224,273	7.1	9.7
APAT	9,726	12,624	8,971	11,985	(7.8)	(5.1)
EPS	16.4	21.3	15.1	20.2	(8.2)	(5.5)
ROE (%)	12.6	14.3	11.9	13.9	(76)bp	(36)bp
Target Price (INR)	440		450		2.3	
Rating	BUY		BUY			

Source: Nuvama Research

### Q4FY25 earnings call highlights

Market leadership and growth: STARHEAL continued to assert its dominance as India's largest standalone health insurer, commanding a 33% share in the retail health insurance market — almost three times that of its closest competitor. In FY25, India's health insurance segment grew by 9% overall, with retail health leading the growth at 12%. Star Health's fresh retail GWP grew 25% (without 1/n), supported by higher agent productivity, digital acceleration. Key product innovation in FY25 was launch of a Superstar policy, which alone garnered over INR5.5bn in premium.

**Customer focus**: Enhancements in service quality led to improved NPS—rising from 42 to 54 overall, and from 47 to 55 in claims. Key metrics such as cashless claims under 3 hours (96%) and a reduction in claim rejections (from 13% in FY24 to 10% in FY25) reflect ongoing operational improvements. Preventive healthcare efforts, including a 48% increase in health check-ups and expanded home healthcare to 156 cities helped lower hospitalization rates and treatment costs.

Claims pressure: Despite growth, profitability faced pressure. The overall claim ratio rose to 70.3%, largely due to increased hospitalisation frequency and severity, especially in surgical, gynecological, and cancer cases. The group business, with a high loss ratio of 89.8%, was recalibrated in FY25, reducing its contribution to total GWP from 9% in Q2FY25 to 7% in Q4FY25. Management attributed increased loss ratios to rising medical costs and early detection leading to higher claims, though measures like digitization of hospital bills and new core claim systems (due in Q2FY26) are expected to improve efficiency and fraud control. Management explicitly avoided giving any numeric guidance on future loss ratios, they preferred not to quantify the expected impact at this stage.

#### **Channel Performance:**

**Agency**: Contributed 82% of GWP, with 16% growth in fresh business in FY25. The agent base expanded to 775k, with plans to reach 1 million in 3 years. In Q4FY25 fresh growth from this channel stood at 19%.

**Banca**: Accounted for 7% of GWP, with 13% fresh growth in FY25, though slowed due to banks refining on core operations.

**Corporate**: Contributed 3% to GWP, focusing on SMEs and MSMEs. New business grew 21% YoY.

Digital: Accounted for 8% of GWP, with fresh business growing 71% in FY25.

**Yield:** Investment income increased to INR 2.9bn, yielding 6.4% (-120/-197bp YoY/QoQ). Yield moderation in Q4 was attributable to reduced equity profit booking after portfolio reshuffling.

**DAC**: The adoption of 1/n accounting for long-term policies meant that only the current year portion of premiums is recognized each year. This transition led to a visible decline in DAC and impacted IFRS RoE, making it appear lower than under IGAAP. Management clarified this is an accounting shift, not a deterioration in business fundamentals.

**Price correction strategy**: STARHEAL took multiple pricing actions — including a 25% hike in the FHO product earlier and newer, more nuanced pricing adjustments with discounts for low-claim customers. Persistency remained stable with 5–6% drop-off. Management acknowledged that past hikes caused some adverse selection but

expressed optimism due to better-targeted pricing now. Fresh business performance is encouraging, and the renewal-to-fresh ratio improved from 78:22 in FY24 to 77:23 in FY25.

Product mix: In Q4 management highlighted that retail contributed to 95% vs group contributed to 5% of GWP.

**Strategic Outlook**: FY26 is positioned as the "Year of the Customer", with a focus on: Profitable growth: Better underwriting, smarter pricing using actuarial insights, and cohort-based risk segmentation.

Customer-centric innovation: Tailored products for Gen Z, seniors and underserved geographies.

Digital-first execution: Enhanced app services, real-time Al-driven claims preauthorization, and improved self-service options.

The medium-term target remains to double top line and triple profits by FY28 under IFRS.

Regulatory Environment & Sector Reforms: FY25 witnessed significant regulatory changes aimed at increasing insurance penetration. The master circular introduced by the IRDAI emphasized customer-centric reforms to simplify and standardize products and claims. The Union Budget 2025 enhanced this direction by raising the FDI cap in insurance to 100% and encouraging a GST reduction on premiums particularly for micro insurance — to promote affordability. STARHEAL aligned its strategy to benefit from these shifts, leveraging digital infrastructure and widening its outreach to semi-urban and rural areas.

### **Company Description**

STARHEAL has one of the largest pan-India distribution networks—913 health insurance branches spread across 26 states and four union territories as on March 31, 2025. Its product suite consists of a range of flexible and comprehensive coverage options, primarily for retail health, group health, personal accident and overseas travel segments.

Star Health & Allied Insurance Co Ltd. is the largest private standalone health insurance company in India headquartered in Chennai. It has been providing innovative services and products in health, personal accident and overseas & domestic travel insurance aligned with the needs of the Indian market. The company also enjoys the largest retail health insurance share based on GWP in the country. In FY25, STARHEAL's retail health market share stood at 32.6%.

### **Key Risks**

- Any significant slowdown in growth.
- Intensifying competition resulting in loss of market share or increased loss/combined ratios
- Exit of key management personnel.
- Any regulation flux that may further stifle easy pricing change.
- Several financial investors and pre-IPO investors, who may look to exit from time to time, hold STARHEALTH's shares. This may result in a constant supply of shares—thereby keeping its price depressed.

## **Additional Data**

### Management

MD & CEO	Anand Roy
CFO	Nilesh Kambli
coo	Amitabh Jain
Auditor	T R Chadha & Co LLP and MSKA & Associates

#### **Recent Company Research**

Date	Title	Price	Reco
01-Apr-25	Recalibration to improve CoRs; Company Update	345	Buy
29-Jan-25	Loss ratios improve mildly; Result Update	463	Hold
30-Oct-24	Loss ratios shoot up; Result Update	536	Hold

### Holdings – Top 10\*

	% Holding		% Holding
ICICI Prudentai	4.79	Vanguard group	1.53
ICICI Prudentai	4.60	Government pens	1.28
HDFC AMC	3.97	Norges Bank	1.28
WF Asian smalle	2.48	MIO Star	1.15
Massachusetts I	1.66	WF Asian Reconn	1.00

<sup>\*</sup>Latest public data

#### **Recent Sector Research**

Date	Name of Co./Sector	Title
21-Apr-25	General Insurance	Mar-25: Key segments' growth improves; Sector Update
15-Apr-25	ICICI Lombard GI	Soft investment income leads to miss; Result Update
09-Apr-25	General Insurance	Mar 25: Industry at a standstill; Sector Update

### **Rating and Daily Volume Interpretation**



Source: Bloomberg, Nuvama research

### Rating Rationale & Distribution: Nuvama Research

8					
Rating	Expected absolute returns over 12 months	Rating Distribution			
Buy	15%	209			
Hold	<15% and >-5%	59			
Reduce	<-5%	34			

#### **DISCLAIMER**

Nuvama Wealth Management Limited (defined as "NWML" or "Research Entity") a company duly incorporated under the Companies Act, 1956 (CIN No L67110MH1993PLC344634) having its Registered office situated at 801-804, Wing A, Building No. 3, Inspire BKC, G Block, Bandra Kurla Complex, Bandra East, Mumbai – 400 051 is regulated by the Securities and Exchange Board of India ("SEBI") and is licensed to carry on the business of broking, Investment Adviser, Research Analyst and other related activities. Name of Compliance/Grievance officer: Mr. Atul Bapna, E-mail address: <a href="mailto:complianceofficer.nwm@nuvama.com">comm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mailto:

This Report has been prepared by NWML in the capacity of a Research Analyst having SEBI Registration No.INH000011316 and Enlistment no. 5723 with BSE and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. Securities as defined in clause (h) of section 2 of the Securities Contracts (Regulation) Act, 1956 includes Financial Instruments and Currency Derivatives. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation as it deems necessary to arrive at an independent evaluation of an investment in Securities referred to in this document (including the merits and risks involved), and should consult his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject NWML and associates, subsidiaries / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. NWML reserves the right to make modifications and alterations to this statement as may be required from time to time. NWML or any of its associates / group companies shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. NWML is committed to providing independent and transparent recommendation to its clients. Neither NWML nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future p

NWML shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the NWML to present the data. In no event shall NWML be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the NWML through this report.

We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

NWML and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the Securities, mentioned herein 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/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. (c) NWML may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. (d) The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with NWML (e) Registration granted by SEBI and certification from NISM in no way guarantee performance of NWML or provide any assurance of returns to investors and clients.

NWML or its associates may have received compensation from the subject company in the past 12 months. NWML or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. NWML or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWML or its associates may 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 12 months. NWML or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or NWML's associates may have financial interest in the subject company. NWML and/or its Group Companies, their Directors, affiliates and/or employees may have interests/positions, financial or otherwise in the Securities/Currencies and other investment products mentioned in this report. NWML, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No

NWML has financial interest in the subject companies: No

NWML's Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

NWML has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

Subject company may have been client during twelve months preceding the date of distribution of the research report.

There were no instances of non-compliance by NWML on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years. A graph of daily closing prices of the securities is also available at <a href="https://www.nseindia.com">www.nseindia.com</a>

#### **Analyst Certification:**

The analyst 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.

#### **Additional Disclaimers**

#### Disclaimer for U.S. Persons

This research report is a product of NWML, 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 NWML 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, NWML has entered into an agreement with a U.S. registered broker-dealer, Nuvama Financial Services Inc. (formerly Edelweiss Financial Services Inc.) ("NFSI"). Transactions in securities discussed in this research report should be effected through NFSI.

#### Disclaimer for U.K. Persons

The contents of this research report have not been approved by an authorised person within the meaning of the Financial Services and Markets Act 2000 ("FSMA").

In the United Kingdom, this research report is being distributed only to and is directed only at (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the "Order"); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons").

This research report must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this research report relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this research report or any of its contents. This research report must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person.

#### **Disclaimer for Canadian Persons**

This research report is a product of NWML, which is the employer of the research analysts who have prepared the research report. The research analysts preparing the research report are resident outside the Canada and are not associated persons of any Canadian registered adviser and/or dealer and, therefore, the analysts are not subject to supervision by a Canadian registered adviser and/or dealer, and are not required to satisfy the regulatory licensing requirements of the Ontario Securities Commission, other Canadian provincial securities regulators, the Investment Industry Regulatory Organization of Canada and are not required to otherwise comply with Canadian rules or regulations regarding, among other things, the research analysts' business or relationship with a subject company or trading of securities by a research analyst.

This report is intended for distribution by NWML only to "Permitted Clients" (as defined in National Instrument 31-103 ("NI 31-103")) who are resident in the Province of Ontario, Canada (an "Ontario Permitted Client"). If the recipient of this report is not an Ontario Permitted Client, as specified above, then the recipient should not act upon this report and should return the report to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any Canadian person.

NWML is relying on an exemption from the adviser and/or dealer registration requirements under NI 31-103 available to certain international advisers and/or dealers. Please be advised that (i) NWML is not registered in the Province of Ontario to trade in securities; (ii) NWML's head office or principal place of business is located in India; (iii) all or substantially all of NWML's assets may be situated outside of Canada; (iv) there may be difficulty enforcing legal rights against NWML because of the above; and (v) the name and address of the NWML's agent for service of process in the Province of Ontario is: Bamac Services Inc., 181 Bay Street, Suite 2100, Toronto, Ontario MSJ 273 Canada.

#### **Disclaimer for Singapore Persons**

In Singapore, this report is being distributed by Nuvama Investment Advisors Private Limited (NIAPL) (Previously Edelweiss Investment Advisors Private Limited ("EIAPL")) (Co. Reg. No. 201016306H) which is a holder of a capital markets services license and an exempt financial adviser in Singapore and (ii) solely to persons who qualify as "institutional investors" or "accredited investors" as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Pursuant to regulations 33, 34, 35 and 36 of the Financial Advisers Regulations ("FAR"), sections 25, 27 and 36 of the Financial Advisers Act, Chapter 110 of Singapore shall not apply to NIAPL when providing any financial advisory services to an accredited investor (as defined in regulation 36 of the FAR. Persons in Singapore should contact NIAPL in respect of any matter arising from, or in connection with this publication/communication. This report is not suitable for private investors.

#### Disclaimer for Hong Kong persons

This report is distributed in Hong Kong by Nuvama Investment Advisors (Hong Kong) Private Limited (NIAHK) (Previously Edelweiss Securities (Hong Kong) Private Limited (ESHK)), a licensed corporation (BOM -874) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to Section 116(1) of the Securities and Futures Ordinance "SFO". This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The report also does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of any individual recipients. The Indian Analyst(s) who compile this report is/are not located in Hong Kong and is/are not licensed to carry on regulated activities in Hong Kong and does not / do not hold themselves out as being able to do so.

INVESTMENT IN SECURITIES MARKET ARE SUBJECT TO MARKET RISKS. READ ALL THE RELATED DOCUMENTS CAREFULLY BEFORE INVESTING.

Abneesh Roy Head of Research Committee Abneesh.Roy@nuvama.com