

NATIONAL INSURANCE COMPANY LIMITED

Registration No. 58 and Date of Renewal of Registration with IRDA - 21/01/2022
CIN: U10200WB1906GOI001713

FORM NL-20 ANALYTICAL RATIOS

Analytical Ratios for the period ended 30th Sept, 2022

Sl.No.	Particular	Calculation	For the quarter ended 30th Sept 2022	Upto the quarter ended 30th Sept 2022	For the quarter ended 30th Sept 2021	Upto the quarter ended 30th Sept 2021
1	Gross Direct Premium Growth Rate**	$[GDPI(CY)-GDPI(PY)] / GDPI(PY)$	23.10%	15.13%	-12.68%	-2.23%
2	Gross Direct Premium to Net worth Ratio	GDPI / Shareholder's funds Shareholder's funds/Net Worth =Share capital+reserve and surplus-Miscellaneous expenditure-debit balance in profit and loss account) Shareholders' funds /Net Worth comprise of Share Capital plus all Reserves and Surplus (except revaluation Reserve and fair value change account) net of accumulated losses and Miscellaneous expenditure to the extent not written off as at the Balance Sheet date	4.07	7.50	99.49	99.49
3	Growth rate of Net Worth	(Shareholder's funds(CY)-Shareholder's funds(PY)) / Shareholder's funds(PY)	1428.25%	1428.25%	-44.03%	-44.03%
4	Net Retention Ratio**	Net written premium / (Gross Direct Premium Income + Reinsurance Accepted)	77.71%	80.19%	90.48%	89.54%
5	Net Commission Ratio**	Net Commission / Net written premium	6.03%	6.33%	5.83%	6.14%
6	Expense of Management to Gross Direct Premium Ratio**	(Direct Commission+Operating Expenses) / Gross direct premium	57.65%	43.66%	26.93%	26.26%
7	Expense of Management to Net Written Premium Ratio**	(Net Commission+Operating Expenses) / Net Written Premium	70.98%	52.01%	28.42%	27.75%
8	Net Incurred Claims to Net Earned Premium**	Net Incurred Claims / Net Earned Premium	86.39%	91.31%	92.76%	103.47%
9	Claims paid to claims provisions**	Claim Paid (pertaining to provisions made previously) / claims provision made previously				
10	Combined Ratio**	(7) +(8)	157.37%	143.32%	121.18%	131.21%
11	Investment income ratio	Investment income / Average Assets under management Investment income = Profit/ Loss on sale/redemption of Investments+Interest, Dividend & Rent – Gross (net of investment expenses) including investment income from pool	2.41%	4.48%	2.75%	4.95%
12	Technical Reserves to net premium ratio **	[(Reserve for unexpired risks+premium deficiency+reserve for outstanding claims(including IBNR and IBNER)] / Net premium written	7.04	4.03	7.60	4.28
13	Underwriting balance ratio	Underwriting results / Net earned premium Underwriting results= Net earned premium-Net incurred claims-Net commission-Operating Expenses (Before adjusting transfer to Profit and loss account as per Section 40C)- Premium Deficiency	-0.59	-0.44	-0.21	-0.32
14	Operating Profit Ratio	Operating profit / Net Earned premium	-39.04%	-23.94%	0.16%	-10.12%
15	Liquid Assets to liabilities ratio	Liquid Assets / Policyholders liabilities Liquid Assets = Short term investments+Short term loans+Cash & Bank balances Policyholders liabilities=Outstanding Claims including Incurred But Not Reported (IBNR) & Incurred But Not Enough Reported (IBNER)+ Unearned Premium Reserve+ Premium Deficiency Reserve, if any+ Catastrophe Reserve, if any; and+ Other Liabilities net off Other Assets Other Liabilities in point (e) above, comprise of (i) Premium received in advance (ii) Unallocated premium (iii) Balance due to OTHER Insurance Companies (iv) Due to other Members of a Pool such as Third Party Pool; Terrorism Pool; etc. (vi) Sundry creditors (due to Policyholders). Other Assets in point (e) above, comprise of (i) Outstanding premium (ii) due from other entities carrying on Insurance business including Reinsurers (iii) Balance with Pool such as Thirty Party Pool; Terrorism pool; etc.	0.25	0.25	0.22	0.22
16	Net earning ratio	Profit after tax / Net Premium written	-39.29%	-27.13%	0.80%	-9.12%
17	Return on net worth ratio	Profit after tax / Net Worth	-138.53%	-167.13%	NA	-839.10%
18	Available Solvency margin Ratio to Required Solvency Margin Ratio	to be taken from solvency margin reporting		0.24	0.01	0.01
19	NPA Ratio	to be taken from NPA reporting				
	Gross NPA Ratio		1.02%	1.02%	1.15%	1.15%
	Net NPA Ratio		-	-	-	-
20	Debt Equity Ratio	(Debt/Equity) Debt=(Borrowings+Redeemable Preference shares, if any) Equity=Shareholders' Funds excluding Redeemable Preference shares, if any	0.85	0.85	12.93	12.93
21	Debt Service Coverage Ratio	(Earnings before Interest and Tax/ Interest and Principal Instalments Due)	-76.82	-46.20	2.53	-14.51
22	Interest Service Coverage Ratio	(Earnings before Interest and Tax/ Interest due)	-76.82	-46.20	2.53	-14.51
23	Earnings per share	Profit /(loss) after tax / No. of shares	-1.56	-1.89	0.05	-1.02
24	Book value per share	Net worth / No. of shares	-1.52	1.21	0.010	0.030

Notes: -

1. Net worth definition to include Head office capital for Reinsurance branch