

Australian Health Insurance

Macquarie Hospital Claims Index - August '23

Key Points

- May '23 was the first clean month of data since COVID-19. The question from here is "how many points in a trend?".
- Our analysis suggests this should be benchmarked against a +4.7% underlying claims growth trend (3 months to Feb '20 i.e. pre-COVID-19).
- 50bps margin expansion equates to 4-5% EPS impact for MPL and NHF.

Event

- We have created a proprietary index to track private hospital admission volumes and outlays as a proxy for PHI claims growth (Hospital only). This report updates this index, utilising Medicare's monthly industry data to August '23, with analysis by procedure type, by state, by insurer.
- May '23 was the first clean month of data since the beginning of COVID-19. The question from here is "how many points in a trend?".

Impact

- Claims growth: Our proprietary index (replicating the Hospital claims mix of health insurers by procedure type and state) shows claims are finally starting to return, and compare with the trend pre-COVID-19 of +4.7%. The figures below represent the month of August '23 and 1H24PTD respectively.
 - ⇒ Unadjusted volume growth: +7.4% / +6.6%;
 - ⇒ Adjusted volume growth: +7.4% / +6.6%;
 - \Rightarrow Unadjusted outlays growth: +12.0% / +11.5%; and
 - ⇒ Adjusted outlays growth: +12.0% / +11.5%.
- **Deferred Claims Liability impact:** We expect a decline in DCL balances in 1H24 (MRE ~\$0.3b vs. the industry's provision balance of \$0.7b at Jun '23).
- Margin Impact: We forecast industry Net Margins to expand ~40bps this
 half (vs. 2H23) before falling in 2H24. We note the various methodologies
 of give-backs are making these figures increasingly difficult to compare
 across funds, as will the change in accounting standards in FY24.

Outlook

- Despite PHI being a relative safe haven in a tougher economic environment, we now have multiple data points indicating claims catchup.
- 1H24 will be assisted by lower claims related to the Rugby World Cup, however over the medium term the DCL definitions changing with the new accounting standards from 1 July '23, any catch-up will now be funding from equity.

Insurance Australia

Index: Hospital <u>Volume</u> growth vs. pcp 6.6%



Source: Medicare, Macquarie Research, September 2023 Note: Unadjusted for working days

Index: Hospital <u>Outlays</u> growth vs. pcp: +11.5%



Source: Medicare, Macquarie Research, September 2023 Note: Unadjusted for working days

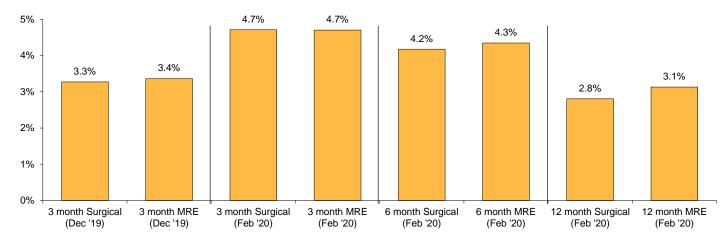
Medibank Private (MPL AU)	
Recommendation	Neutral
Price (CLOSE, 20 September '23)	\$3.48
Target Price	\$3.75
Valuation methodology	DCF
WACC (Beta 1.23x, ERP 5%, RFR 3.07%, TGR 3.07%)	9.2%
NIB Holdings (NHF AU)	
Recommendation	Neutral
Price (CLOSE, 20 September '23)	\$7.67
Target Price	\$8.65
Valuation methodology	DCF
WACC (Beta 1.15x, ERP 5%, RFR 3.1%, TGR 3.1%)	8.9%

Source: FactSet, Macquarie Research, September 2023

Bringing it all together

- What is happening? 1H24PTD Outlays (claims) growth is +11.5% (or +11.6% for surgical only) using MRE's PHI claims mix. Given we are now through COVID-19 affected periods thus believe the raw numbers are again the best guide for underlying trends.
- What is the best comparable trendline? Utilising Medicare data, claims growth for the three months to Feb '20 (leading into COVID-19) was +4.7% using MRE's PHI claims mix (and +4.7% for surgical outlay trends only). We use Outlays rather than Volumes to account for the differing procedural mix and utilisation trends post COVID-19, as well as the differing average cost of procedure. Alternate methods to determine an underlying trend could be:
 - ⇒ #1) Dec '19 quarter vs. pcp, being the last complete quarter pre-COVID-19 (+3.4% for the MRE PHI claims mix or +3.3% for surgical only);
 - \Rightarrow #2) 6 months to Feb '20 vs. pcp (+4.3% for the MRE PHI claims mix or +4.2% for surgical only); or
 - \Rightarrow #3) 12 months to Feb '20 vs. pcp (+3.1% for the MRE PHI claims mix or +2.8% for surgical only).

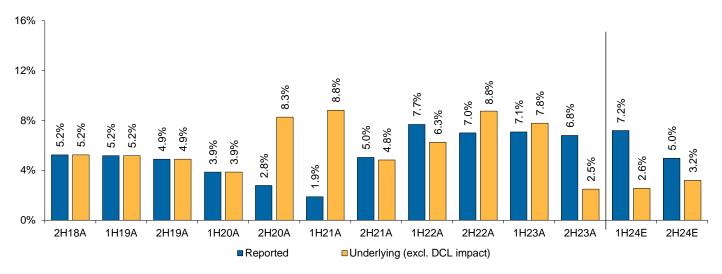
Figure 1 - Claims outlay growth rates leading into COVID-19



Source: Medicare, Macquarie Research, September 2023

- **Bringing it together:** The 1H24PTD growth was +11.5% vs. the +4.7% claims growth for the three months leading into COVID-19 (Feb '20). Using these trends, we forecast industry Net Margins (as disclosed by APRA) to expand ~40bps in 1H24 (vs. 2H23). This outlook includes the following assumptions:
 - ⇒ ~\$1.3b Deferred Claims Liability net decrease for the industry (12-month rolling), equating to ~463bps of Margin impact;
 - ⇒ +170bps policyholder growth (+0.5% for ancillary and +2.0% for Hospital) as reported in APRA data; and
 - \Rightarrow -0.9% downgrading (compared with long-term averages of -1.4%).

Figure 2 - Industry Net Margin outlook



Note: "DCL impact" includes strengthening and releases

Macquarie Private Hospital Claims Index

- Medicare data tracks procedures paid out of the MBS (by the national government) in both private and public hospitals, but for private patients only. Utilising this monthly data and combined with the procedure mix of Private Health Insurers, we have constructed a proxy for PHI Hospital Claims growth. Highlights for 1H24PTD are summarised below.
 - ⇒ For more detail behind the composition of the index see Appendix A.
- **1H24PTD Volumes:** +6.6% Unadjusted for workdays (+6.6% adjusted). This compares with +7.4% in the month of August '23 (+5.8% in Jul '23 and +2.1% in Jun '23).

Figure 3 - Macquarie Private Hospital Claims Index: Volume growth (Unadjusted for working days)

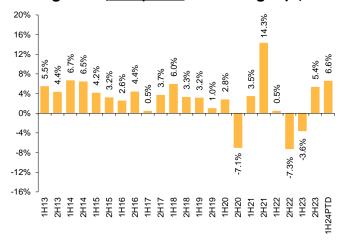
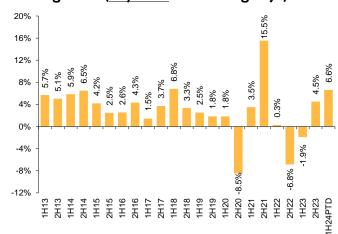


Figure 4 - Macquarie Private Hospital Claims Index: Volume growth (Adjusted for working days)



Source: Medicare, Macquarie Research, September 2023

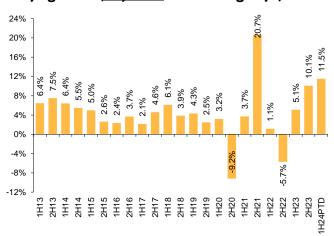
Source: Medicare, Macquarie Research, September 2023

• **1H24PTD Outlays:** +11.5% Unadjusted for workdays (+11.5% adjusted). This compares with +12.0% in the month of August '23 (+11.0% in Jul '23 and +6.2% in Jun '23).

Figure 5 - Macquarie Private Hospital Claims Index: Outlays growth (<u>Unadjusted</u> for working days)



Figure 6 - Macquarie Private Hospital Claims Index: Outlays growth (<u>Adjusted</u> for working days)

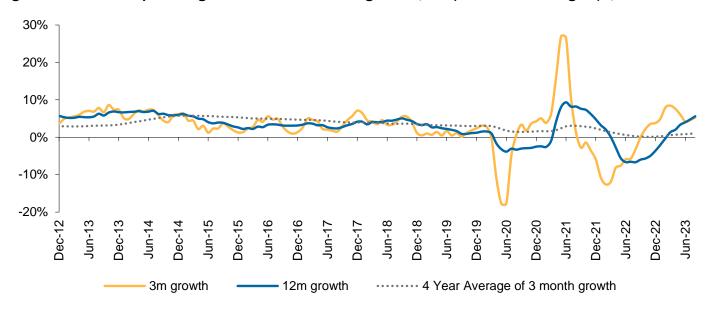


Source: Medicare, Macquarie Research, September 2023

Trends deep dive: Surgical

- +7.0% for the month of August '23 (unadjusted for workdays) vs. pcp.
- +5.3% three-month rolling to August '23 (unadjusted for workdays) compares with peak volume declines of -17.9% in May '20 (driven by COVID-19).
- +5.1% 12-month rolling to August '23 (unadjusted for workdays) is ~410bps above the four-year rolling average of +1.0% (+3.0% to February '20 i.e. pre COVID-19).

Figure 7 - Private Hospital Surgical Admissions volume growth (unadjusted for working days)



Source: Medicare, Macquarie Research, September 2023

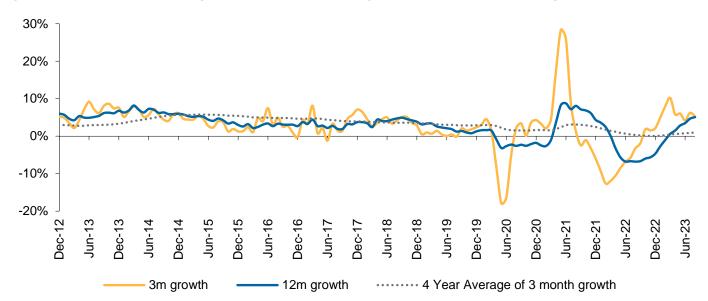


Figure 8 - Private Hospital Surgical Admissions volume growth (adjusted for working days)

- State-based volume analysis: Assessing volume data on a state-by-state basis provides additional information on which insurers are likely being affected the most by these claims trends.
 - \Rightarrow One-month rolling volume growth (adj. for working days): NSW: +6.8%, VIC: +4.7%, QLD: +9.0%, SA: +4.9%, WA: +9.3%.
 - \Rightarrow Three-month rolling volume growth (adj. for working days): NSW: +5.1%, VIC: +4.7%, QLD: +5.3%, SA: +3.7%, WA: +8.6%.

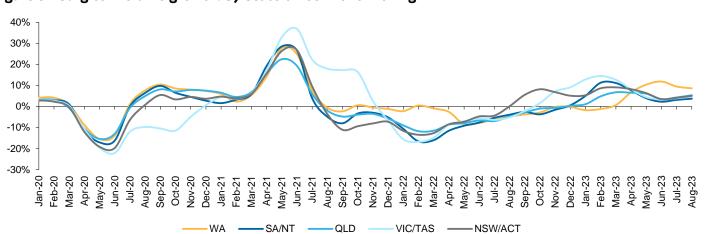


Figure 9 - Surgical Volume growth: by State three-month rolling

Source: Medicare, Macquarie Research, September 2023

 We have reconstructed private hospital volume growth trends for MPL, NHF, Bupa, HCF and HBF based upon their respective geographic exposures. We provide more detailed analysis by state by fund in Appendix B.

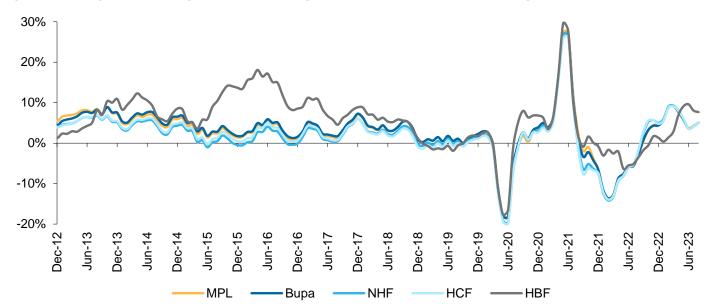
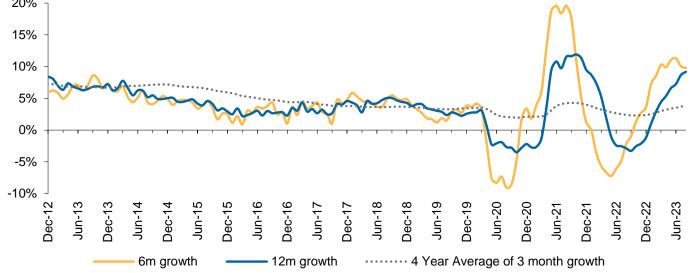


Figure 10 - Surgical Volume growth: State weighted by fund three-month rolling

• Surgical Outlays growth: Unadjusted outlays for six- and 12-month rolling are now +9.8% and +9.2%, respectively, which compares with +4.2% and +2.8% in February 2020 (pre COVID-19).

Figure 11 - Surgical Outlays growth (<u>unadjusted</u> for working days)

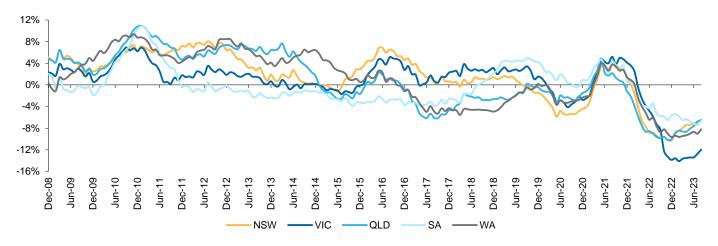


Source: Medicare, Macquarie Research, September 2023

Trends deep dive: Obstetrics

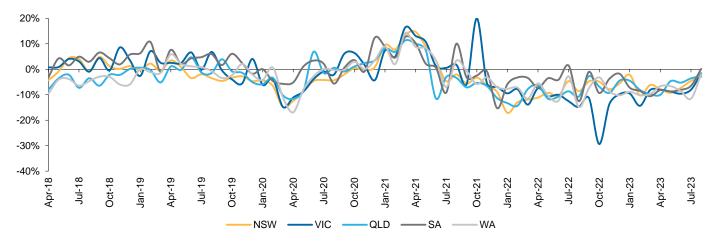
• Obstetrics is a strong lead indicator of the perception of value in the PHI sector. Volume growth of -8.0% was experienced in the 12 months to August '23, vs. -1.0% to Feb '20 (pre-COVID-19). All states are currently experiencing negative growth (on a 12m rolling basis) but cycling strong comparative periods.

Figure 12 - Obstetrics volumes growth by State: 12-month rolling



• Looking at the same data but adjusted for workdays, we can see the monthly impact from COVID-19 on all States. On this much shorter-term measure, growth is recovering.

Figure 13 - Obstetrics volumes growth by State vs. pcp (adjusted for workdays)



Source: Medicare, Macquarie Research, September 2023

Appendix A: Composition of Macquarie Private Hospital Claims Index

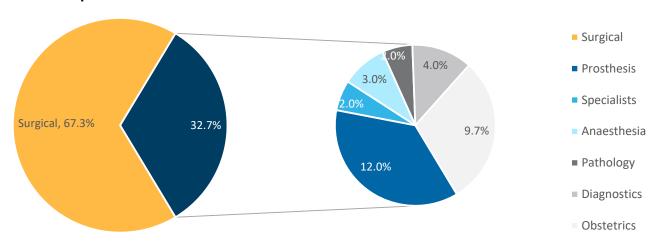
• To give us confidence in the predictive strength of the Medicare data, we have compared growth of Hospital Claims Outlays between Medicare (Surgical only) and APRA. Prior to COVID-19 there was a strong positive correlation between sources.

Figure 14 - Hospital Claims Outlay growth - Macquarie Private Hospital Claims Index vs APRA

Source: APRA, Medicare, Company data, Macquarie Research, September 2023

To improve the correlation between the two data sets, we have created an index for the
Medicare data which is more representative of the Hospital claims mix for Private Health
Insurers. The Macquarie Private Hospital Claims Index is heavily weighted towards Surgical
and Obstetrics trends, with smaller contributions from Specialists, Anaesthesia, Pathology
and Diagnostic Imaging.

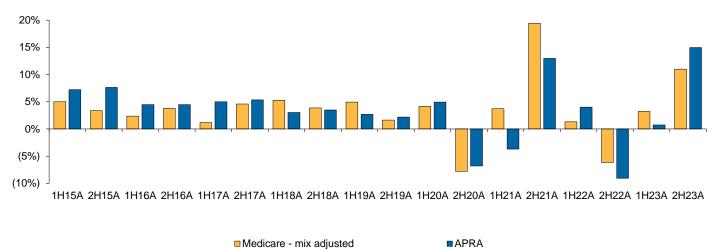
Figure 15 - Composition of claims index



Source: Company data, Macquarie Research, September 2023

 After adjusting for the mix above, the Hospital Claims Outlay growth rates between the Macquarie Private Hospital Admissions Index and APRA are even more correlated (though we recognise the anomaly in 1H21 owing to COVID-19). Hospital Claims Volumes have observed similar trends.

Figure 16 - Hospital Claims Outlay growth - Medicare (surgical only) vs APRA



Appendix B: State-by-State data

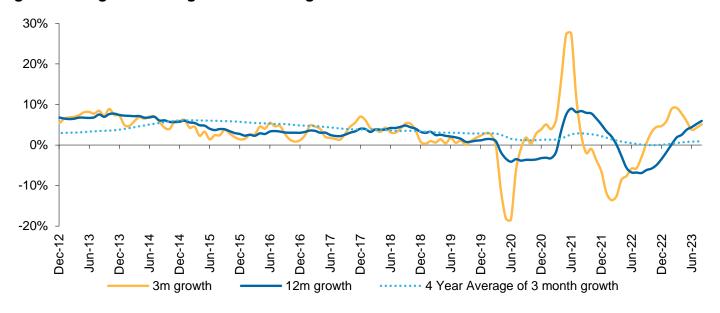
Figure 17 - Market Shares by State: FY22

2022	HIB Revenue	Industry	NSW	VIC	QLD	WA	SA	TAS	ACT	NT
MPL	6,713,102	25.6%	21.4%	30.5%	29.5%	21.1%	19.0%	24.1%	27.2%	38.7%
BUPA	6,590,053	24.8%	22.5%	23.1%	30.9%	10.4%	45.5%	29.0%	18.3%	36.2%
HCF	3,463,911	12.7%	22.1%	8.9%	9.6%	5.5%	9.7%	6.1%	17.8%	5.6%
NHF	2,286,176	8.7%	13.7%	8.0%	6.1%	3.7%	4.0%	2.7%	13.6%	3.2%
HBF	1,727,033	6.5%	0.7%	1.2%	0.8%	49.8%	0.5%	0.7%	0.9%	1.3%
AU	683,119	2.6%	1.4%	6.6%	1.7%	0.5%	1.4%	0.9%	1.3%	0.4%
Other	5,123,157	19.0%	18.2%	21.8%	21.5%	9.1%	20.0%	36.5%	20.9%	14.5%
		*								
State Pren	mium Weight		32.1%	24.2%	19.8%	11.5%	7.6%	2.3%	1.9%	0.5%

Source: APRA, Macquarie Research, September 2023

• Below we have reconstructed private hospital admission volume trends for MPL and NHF based upon their respective geographic exposures by state. Note, scales vary by chart.

Figure 18 - Surgical Volume growth: State weighted - MPL



Source: APRA, Medicare, Macquarie Research, September 2023

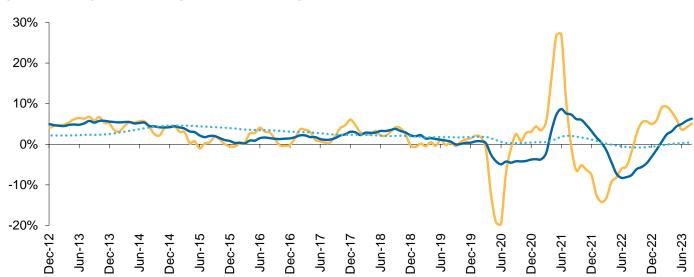


Figure 19 - Surgical Volume growth: State weighted - NHF

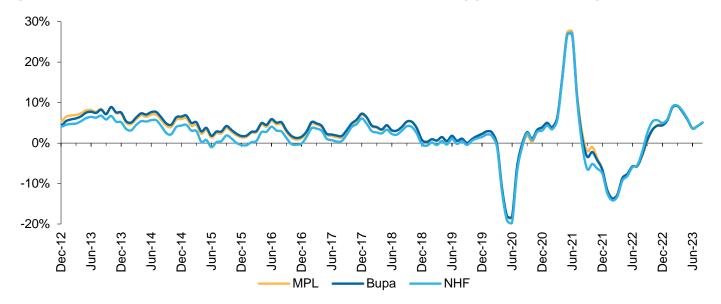
3m growth

• Below we show NHF's state-based advantage has contracted over the last five years, when measured on a three-month rolling basis.

··· 4 Year Average of 3 month growth

Figure 20 - Growth of hospital admission volumes three-month rolling growth: State-weighted by insurer

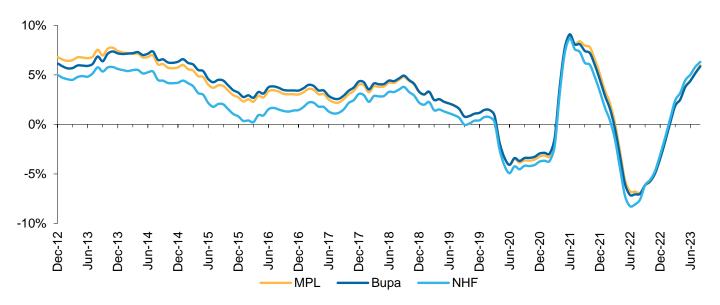
12m growth



Source: APRA, Medicare, Macquarie Research, September 2023

• The advantage has rebounded on a 12-month rolling basis. Given the size of recent volatility of claims volumes, we believe this thesis is moot for the near term but should provide useful context for the underlying geographical footprint of each business as different states rebound from COVID-19 at different paces.

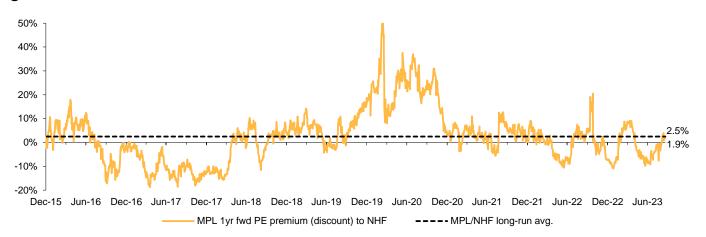
Figure 21 - Growth of hospital admission volumes 12-month rolling growth: State-weighted by insurer



Appendix C: Comparative valuation metrics

• MPL is trading at a ~1.9% premium vs. NHF (vs. a ~2.5% long term premium).

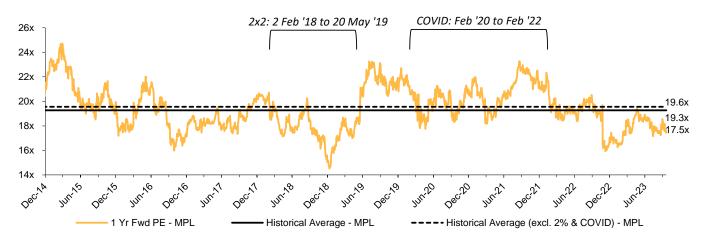
Figure 22 - One-Year Forward PE Rel: MPL vs. NHF



Source: FactSet, Macquarie Research, September 2023

• MPL's one-year forward PE is ~210bps below its five-year average (excl. the period of concern relating to COVID-19 and the 2% price caps) and ~180bps below its long-term unadjusted average.

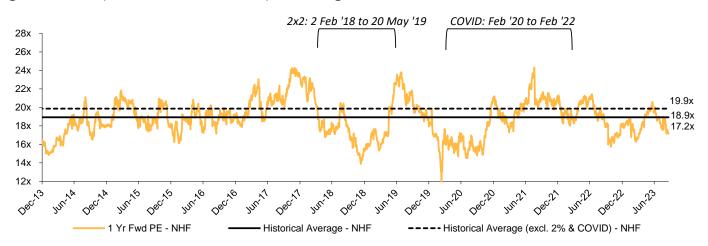
Figure 23 - One-year forward PE vs five-year average - MPL



Source: FactSet, Macquarie Research, September 2023

• NHF's one-year forward PE is ~270bps below its five-year average (excl. the period of concern relating to COVID-19 and the 2% price caps) and 170bps below its long-term unadjusted average.

Figure 24 - One-year forward PE vs. five-year average - NHF



Source: FactSet, Macquarie Research, September 2023

Medibank								Price:	\$	3.48
Balance Date: June 30										
Medibank Group		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
Group revenue from external customers	A\$m	3,629.4	3,725.9	3,904.2	3,921.0	7,128.5	7,355.3	7,825.2	8,272.4	8,793.5
Health Insurance operating profit	A\$m	305.2	345.2	338.7	333.6	592.6	650.4	672.4	684.7	654.0
Medibank Health operating profit	A\$m	24.6	19.6	23.1	26.6	45.5	44.2	49.7	69.0	83.1
Segment Operating Profit	A\$m	329.8	364.8	361.8	360.2	638.1	694.6	722.1	753.7	737.1
Corporate overheads	A\$m	(22.0)	(25.1)	(24.0)	(26.0)	(44.0)	(47.1)	(50.0)	(57.0)	(58.7)
Group Operating Profit	A\$m	307.8	339.7	337.8	334.2	594.1	647.5	672.1	696.7	678.4
Net Investment income	A\$m	55.9	82.7	73.0	71.4	(24.8)	138.6	144.4	129.7	126.1
Interest Expense	A\$m	-	-	-	-	-	-	-	(1.3)	(5.0)
Amortisation of intangibles	A\$m	(0.7)	(0.7)	(0.5)	(0.5)	(2.0)	(1.4)	(1.0)	-	-
Cyber Costs	A\$m	(26.2)	(20.2)	(17.5)	(17.5)	-	(46.4)	(35.0)	(10.0)	-
Other income/(expense)	A\$m	(4.7)	(6.5)	(6.7)	(6.7)	(7.3)	(11.2)	(13.4)	(13.4)	(13.4)
Profit before tax	A\$m	332.1	395.0	386.1	381.0	560.0	727.1	767.1	801.8	786.0
Income tax expense	A\$m	(98.8)	(117.2)	(115.8)	(114.3)	(166.1)	(216.0)	(230.1)	(240.5)	(235.8)
NPAT - total operations	A\$m	233.3	277.8	270.3	266.7	393.9	511.1	537.0	561.3	550.2
Underlying NPAT	A\$m	226.7	272.9	270.3	266.7	435.1	499.6	537.0	561.3	550.2

Key ratios		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
Financial ratios										
Reported EPS	cps	8.5	10.1	9.8	9.7	14.3	18.6	19.5	20.4	20.0
Underlying EPS	cps	8.2	9.9	9.8	9.7	15.8	18.1	19.5	20.4	20.0
EPS growth (underlying)	%	6.7%	22.5%	19.2%	-2.3%	9.1%	14.8%	7.5%	4.5%	-2.0%
PER	x	20.5	17.2	17.7	18.0	24.3	18.8	17.8	17.1	17.4
DPS (ordinary)	cps	6.3	8.3	6.5	8.5	13.4	14.6	15.0	17.9	17.5
Dividend Yield (ordinary only)	%	3.6%	4.8%	3.7%	4.9%	3.9%	4.2%	4.3%	5.1%	5.0%
Dividend Payout Ratio (Underlying / ordinary)	%	76.5%	83.8%	66.2%	87.8%	84.8%	80.5%	76.9%	87.8%	87.6%
Franking	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
ROE (Reported, closing equity)	%	23.6%	26.7%	25.4%	24.1%	20.2%	24.5%	24.3%	24.0%	23.0%
ROE (Underlying, closing equity)	%	22.9%	26.2%	25.4%	24.1%	22.4%	24.0%	24.3%	24.0%	23.0%
NTA (Reported)	cps	58.3	62.2	63.1	65.8	56.6	62.2	65.8	68.8	69.3
NTA (Underlying)	cps	57.1	60.9	61.6	64.0	55.6	60.9	64.0	67.0	67.4
Group ratios										
PHI capital (capital/12m fwd premiums) pre-div	%	14.4%	15.7%	15.4%	15.2%	14.0%	15.7%	15.2%	15.3%	15.2%
PCA Ratio	х	na	1.80	1.90	1.92	na	1.80	1.92	2.06	2.22
Medibank Health contribution to operating profit	%	7.5%	5.4%	6.4%	7.4%	7.1%	6.4%	6.9%	9.2%	11.3%
Revenue growth	%	1.3%	5.0%	7.6%	5.2%	3.2%	3.2%	6.4%	5.7%	6.3%
Effective Tax Rate (continuing)	%	29.8%	29.7%	30.0%	30.0%	29.7%	29.7%	30.0%	30.0%	30.0%
Gross Profit Margin	%	16.8%	18.1%	16.8%	17.2%	16.9%	17.5%	17.0%	16.7%	16.1%
Operating Profit Margin	%	8.5%	9.1%	8.7%	8.5%	8.3%	8.8%	8.6%	8.4%	7.7%
Reported NPAT growth	%	5.9%	59.9%	15.9%	-4.0%	-10.7%	29.8%	5.1%	4.5%	-2.0%

Balance Sheet		FY23A	FY24E	FY25E	FY26E		
Cash and Equiv	A\$m	421	261	383	499	Valuation	
Financial Assets	A\$m	2,867	3,024	3,100	3,177	Valuation as at today	9,876
Receivables	A\$m	248	235	248	264	Number of shares	2,754
DAC	A\$m	79	84	84	88	Valuation	3.60
PPE	A\$m	28	28	29	29		
Intangible assets	A\$m	328	368	408	448	Share price target (12m)	3.75
Other	A\$m	419	494	652	612		
Total Assets	A\$m	4,389	4,494	4,905	5,118		
						Capital return	7.8%
Payables	A\$m	368	354	373	395	Dividend Yield	4.3%
Claims Liabilities	A\$m	777	718	747	778	Total Return	12.0%
UEP	A\$m	909	954	1,013	1,077		
Other	A\$m	251	254	433	474	PER at Current share price (1yr fwd)	30.4
Total Liabilities	A\$m	2,304	2,280	2,566	2,724	PER at Price Target (2yr fwd)	23.4
Net Assets	A\$m	2,084	2,214	2,339	2.394	Recommendation	Neutral

Divisional Results		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
Health Insurance										
Premium revenue	A\$m	3,521.8	3,626.9	3,792.1	3,810.4	6,859.8	7,148.7	7,602.5	8,043.1	8,557.3
Claims	A\$m	(2,942.7)	(2,983.2)	(3,168.8)	(3,179.6)	(5,731.1)	(5,925.9)	(6,348.5)	(6,744.6)	(7,238.4)
Gross Profit	A\$m	579.1	643.7	623.3	630.8	1,128.7	1,222.8	1,254.0	1,298.5	1,319.0
Management Expenses	A\$m	(273.9)	(298.5)	(284.5)	(297.1)	(536.1)	(572.4)	(581.7)	(613.7)	(665.0)
Operating Profit	A\$m	305.2	345.2	338.7	333.6	592.6	650.4	672.4	684.7	654.0
Premium rate rise	%	3.1%	3.0%	3.0%	3.5%	3.2%	3.0%	3.5%	4.5%	5.0%
Premium growth	%	2.0%	6.4%	7.7%	5.1%	2.7%	4.2%	6.3%	5.8%	6.4%
Premium growth per policyholder	%	2.3%	2.1%	-1.5%	-1.1%	0.9%	2.6%	-1.8%	4.3%	5.2%
Closing Policyholder Growth vs. pp	%	0.1%	0.5%	0.8%	0.9%	3.2%	0.6%	1.8%	0.7%	1.1%
PSEU growth vs. pcp	%	2.8%	2.1%	2.1%	1.8%	3.0%	2.1%	1.8%	0.7%	1.1%
Claims growth	%	0.7%	6.2%	7.7%	6.6%	2.1%	3.4%	7.1%	6.2%	7.3%
Underlying Claims growth per policyholder	%	2.1%	1.7%	-3.1%	-1.3%	0.9%	2.4%	-2.1%	4.8%	6.2%
Gross Margin (reported)	%	16.4%	17.7%	16.4%	16.6%	16.5%	17.1%	16.5%	16.1%	15.4%
MER	%	7.8%	8.2%	7.5%	7.8%	7.8%	8.0%	7.7%	7.6%	7.8%
Operating Margin (reported)	%	8.7%	9.5%	8.9%	8.8%	8.6%	9.1%	8.8%	8.5%	7.6%
Operating Margin (underlying)	%	8.1%	9.1%	8.9%	8.8%	8.2%	8.6%	8.8%	8.5%	7.6%
Residents										
Premium revenue	A\$m	3.431.0	3.520.2	3.671.0	3.681.6	6.712.9	6,951.2	7,352.5	7,759.2	8,235.0
Claims	A\$m	(2,882.9)	(2,911.9)	(3,089.1)	(3,093.5)	(5,621.7)	(5,794.8)	(6,182.6)	(6,556.3)	(7,024.4)
Gross Profit	A\$m	548.1	608.3	581.9	588.0	1,091.2	1,156.4	1,169.9	1,202.9	1.210.5
Management Expenses	A\$m	(265.9)	(290.2)	(274.5)	(287.1)	(523.6)	(556.1)	(561.7)	(589.7)	(641.0)
Operating Profit	A\$m	282.2	318.1	307.4	300.9	567.6	600.3	608.3	613.2	569.5
Operating Front	АфШ	202.2	310.1	307.4	300.9	307.0	000.3	606.3	013.2	309.3
Gross Margin (reported)	%	16.0%	17.3%	15.9%	16.0%	16.3%	16.6%	15.9%	15.5%	14.7%
MER	%	7.8%	8.2%	7.5%	7.8%	7.8%	8.0%	7.6%	7.6%	7.8%
Operating Margin (reported)	%	8.2%	9.0%	8.4%	8.2%	8.5%	8.6%	8.3%	7.9%	6.9%
Operating Margin (underlying)	%	7.6%	8.6%	8.4%	8.2%	8.0%	8.1%	8.3%	7.9%	6.9%
Overseas Premium revenue	۸.۰	90.8	106.7	101.0	400.0	440.0	407.5	250.0	000.0	322.4
	A\$m			121.2	128.8	146.9	197.5		283.9	
Claims	A\$m	(59.8) 31.0	(71.3) 35.4	(79.8) 41.4	(86.1) 42.7	(109.4) 37.5	(131.1) 66.4	(165.9) 84.1	(188.4) 95.5	(213.9) 108.5
Gross Profit	A\$m									
Management Expenses	A\$m	(8.0) 23.0	(8.3) 27.1	(10.0)	(10.0) 32.7	(12.5) 25.0	(16.3) 50.1	(20.0) 64.1	(24.0) 71.5	(24.0) 84.5
Operating Profit	A\$m	23.0	27.1	31.4	32.7	25.0	30.1	04.1	71.5	04.3
Gross Margin (reported)	%	34.1%	33.2%	34.1%	33.2%	25.5%	33.6%	33.6%	33.6%	33.6%
MER	%	8.8%	7.8%	8.3%	7.8%	8.5%	8.3%	8.0%	8.5%	7.4%
Operating Margin (reported)	%	25.3%	25.4%	25.9%	25.4%	17.0%	25.4%	25.6%	25.2%	26.2%
Operating Margin (underlying)	%	25.3%	25.4%	25.9%	25.4%	17.0%	25.4%	25.6%	25.2%	26.2%
Medibank Health										
Revenue (gross)	A\$m	139.5	137.6	143.7	141.7	321.8	277.1	285.4	294.0	302.8
Cost of Sales	A\$m	(77.1)	(68.2)	(81.1)	(66.9)	(192.6)	(145.3)	(148.0)	(146.1)	(140.6)
Gross Profit	A\$m	62.4	69.4	62.6	74.9	129.2	131.8	137.4	147.9	162.2
Management Expenses	A\$m	(38.8)	(48.8)	(40.0)	(50.3)	(88.4)	(87.6)	(90.2)	(83.9)	(86.4)
Operating Profit	A\$m	23.6	20.6	22.6	24.6	40.8	44.2	47.2	64.0	75.8
Share of profit/(loss) from MyHealth	A\$m	1.0	1.1	1.0	1.0	2.9	2.1	2.0	2.0	2.3
Share of profit/(loss) from other investments	A\$m	-	(2.1)	(0.5)	1.0	1.8	(2.1)	0.5	3.0	5.0
Total Profit	A\$m	24.6	19.6	23.1	26.6	45.5	44.2	49.7	69.0	83.1
			47.00/	0.00/	2.00/	13.4%	-13.9%	3.0%	3.0%	3.0%
Revenue growth	%	-10.4%	-17.2%	3.0%	3.0%	13.4 /0	-13.576	3.076	3.0 %	0.070
Revenue growth Gross Margin	% %	-10.4% 44.7%	-17.2% 50.4%	3.0% 43.5%	52.8%	40.1%	47.6%	48.2%	50.3%	53.6%
•										

nib holdings									Price:	\$ 7.67
Balance Date: June 30										
Group P&L (statutory view)		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
Net Premium revenue	A\$m	1,434.1	1,477.4	1,530.6	1,575.3	2,703.4	2,911.5	3,105.9	3,303.5	3,467.8
Net Claims Incurred	A\$m	(1,119.2)	(1,104.2)	(1,191.5)	(1,208.2)	(2,085.0)	(2,223.4)	(2,399.6)	(2,554.2)	(2,701.3)
Gross underwriting result	A\$m	314.9	373.2	339.1	367.2	618.4	688.1	706.3	749.3	766.5
Other underwriting revenue	A\$m	3.3	3.2	2.9	3.0	6.4	6.5	5.9	6.7	7.5
Acquisition costs	A\$m	(85.0)	(114.9)	(92.4)	(114.0)	(183.4)	(199.9)	(206.3)	(219.4)	(229.9)
Other underwriting expenses	A\$m	(103.6)	(115.0)	(100.9)	(111.7)	(182.1)	(218.6)	(212.5)	(226.0)	(235.7)
Net underwriting result	A\$m	129.6	146.5	148.7	144.6	259.3	276.1	293.3	310.6	308.4
Other Income	A\$m	60.8	84.2	92.5	97.4	51.5	145.0	189.8	213.2	256.0
Other Expenses	A\$m	(62.5)	(91.0)	(93.3)	(95.4)	(68.2)	(153.5)	(188.7)	(199.6)	(225.8)
Share of Associates and JV	A\$m	(2.4)	(2.0)	(1.0)	(1.0)	(5.6)	(4.4)	(2.0)	-	-
Underlying Operating Profit	A\$m	125.5	137.7	146.9	145.5	237.0	263.2	292.4	324.2	338.6
Amortisation	A\$m	(3.4)	(7.3)	(3.0)	(3.0)	(7.7)	(10.7)	(6.0)	(6.0)	(6.0)
One-off M&A costs	A\$m	(3.1)	(5.8)	(3.0)	(3.0)	(0.1)	(8.9)	(6.0)	(4.0)	-
Gain on sale of JV	A\$m	(0.1)	- (0.0)	-	-	(0.1)	-	-	- (1.0)	_
Statutory Operating Profit	A\$m	119.0	124.6	140.9	139.5	229.2	243.6	280.4	314.2	332.6
Finance Income	A\$m	0.1	0.1	0.1	0.1		0.2	0.2	0.2	0.2
Finance Costs	A\$m					0.3				
	A\$m	(6.3) 23.6	(7.7) 33.7	(7.4) 28.9	(7.4) 31.3	(7.0)	(14.0) 57.3	(14.7) 60.3	(14.7) 66.9	(14.7) 74.3
Investment Evenness					(1.3)	(27.3)				
Investment Expenses PBT	A\$m	(1.4) 135.0	(1.2) 149.5	(1.3) 161.2	162.3	(2.7) 192.5	(2.6) 284.5	(2.6) 323.5	(2.6) 363.9	(2.6) 389.7
	A\$m									
Income tax Expense	A\$m	(42.8)	(50.0)	(50.8)	(51.1)	(57.5)	(92.8)	(101.9)	(112.8)	(116.9)
Reported NPAT (continuing)	A\$m	92.2	99.5	110.5	111.2	135.0	191.7	221.6	251.1	272.8
Reported NPAT (discontinuing)	A\$m	(0.2)	(0.4)		-	(1.2)	(0.6)	-	-	-
Reported NPAT	A\$m	92.0	99.1	110.5	111.2	133.8	191.1	221.6	251.1	272.8
Investment Fundamentals		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
EPS (basic)	cps	20.1	21.3	23.5	23.5	29.6	41.4	47.0	52.6	56.4
EPS (diluted)	cps	20.1	21.3	23.5	23.5	29.6	41.4	47.0	52.6	56.4
EPS Growth (basic)	%	13.1%	78.0%	16.8%	10.4%	-16.0%	39.9%	13.4%	11.9%	7.4%
PER (Adjusted)	X	18.6x	17.0x	16.2x	16.1x	25.0x	17.8x	16.1x	14.4x	13.5x
Total DPS	cps	13.0	15.0	14.0	16.0	22.0	28.0	30.0	34.0	37.0
Dividend Yield	%	3.4%	3.9%	3.7%	4.2%	2.9%	3.7%	3.9%	4.4%	4.8%
Dividend payout ratio (reported)	%									
EFPOWA	, -	64.7%	70.4%	60.0%	70.0%	74.3%	07.0%	63.9%	64.7%	65.5%
	#m	64.7% 468.3	70.4% 483.1	60.0% 483.8	70.0% 484.6	74.3% 458.4	67.6% 475.6	63.9% 484.2	64.7% 485.7	65.5% 487.5
	#m x	468.3	483.1	483.8	484.6	458.4	475.6	484.2	485.7	487.5
P/BV	х	468.3 3.8	483.1 3.8	483.8 3.6	484.6 3.4	458.4 4.8	475.6 3.7	484.2 3.4	485.7 3.1	487.5 2.8
P/BV P/NTA	x x	468.3 3.8 4.6	483.1 3.8 4.3	483.8 3.6 4.1	484.6 3.4 4.0	458.4 4.8 5.6	475.6 3.7 4.2	484.2 3.4 4.0	485.7 3.1 3.6	487.5 2.8 3.2
P/BV P/NTA Gearing Ratio	x x %	468.3 3.8 4.6 20.0%	483.1 3.8 4.3 20.2%	483.8 3.6 4.1 20.0%	484.6 3.4 4.0 19.3%	458.4 4.8 5.6 26.6%	475.6 3.7 4.2 20.2%	484.2 3.4 4.0 19.3%	485.7 3.1 3.6 17.7%	487.5 2.8 3.2 16.4%
P/BV P/NTA Gearing Ratio ROA	x x %	468.3 3.8 4.6 20.0% 9.7%	483.1 3.8 4.3 20.2% 10.0%	483.8 3.6 4.1 20.0% 10.7%	484.6 3.4 4.0 19.3% 10.4%	458.4 4.8 5.6 26.6% 7.6%	475.6 3.7 4.2 20.2% 9.8%	484.2 3.4 4.0 19.3% 10.5%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6%
P/BV P/NTA Gearing Ratio	x x %	468.3 3.8 4.6 20.0%	483.1 3.8 4.3 20.2%	483.8 3.6 4.1 20.0%	484.6 3.4 4.0 19.3%	458.4 4.8 5.6 26.6%	475.6 3.7 4.2 20.2%	484.2 3.4 4.0 19.3%	485.7 3.1 3.6 17.7%	487.5 2.8 3.2 16.4%
P/BV P/NTA Gearing Ratio ROA	x x %	468.3 3.8 4.6 20.0% 9.7%	483.1 3.8 4.3 20.2% 10.0%	483.8 3.6 4.1 20.0% 10.7%	484.6 3.4 4.0 19.3% 10.4%	458.4 4.8 5.6 26.6% 7.6%	475.6 3.7 4.2 20.2% 9.8%	484.2 3.4 4.0 19.3% 10.5%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6%
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets	x x %	468.3 3.8 4.6 20.0% 9.7% 22.4%	483.1 3.8 4.3 20.2% 10.0% 21.3%	483.8 3.6 4.1 20.0% 10.7% 22.5%	484.6 3.4 4.0 19.3% 10.4% 21.5%	458.4 4.8 5.6 26.6% 7.6%	475.6 3.7 4.2 20.2% 9.8%	484.2 3.4 4.0 19.3% 10.5%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6%
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet	x x %	468.3 3.8 4.6 20.0% 9.7% 22.4%	483.1 3.8 4.3 20.2% 10.0% 21.3%	483.8 3.6 4.1 20.0% 10.7% 22.5%	484.6 3.4 4.0 19.3% 10.4% 21.5%	458.4 4.8 5.6 26.6% 7.6%	475.6 3.7 4.2 20.2% 9.8% 21.9%	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6%
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets	x x % %	468.3 3.8 4.6 20.0% 9.7% 22.4%	483.1 3.8 4.3 20.2% 10.0% 21.3%	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E	484.6 3.4 4.0 19.3% 10.4% 21.5%	458.4 4.8 5.6 26.6% 7.6% 18.7%	475.6 3.7 4.2 20.2% 9.8% 21.9%	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8%
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents	x x % % %	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E	458.4 4.8 5.6 26.6% 7.6% 18.7%	475.6 3.7 4.2 20.2% 9.8% 21.9%	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8%
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles	x x % % % A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr	475.6 3.7 4.2 20.2% 9.8% 21.9%	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8%
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles Other assets	x x % % % A\$m A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119 1,768	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159 1,818	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159 1,878	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159 1,948	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr Terminal val Franking Cre	475.6 3.7 4.2 20.2% 9.8% 21.9%	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8% 1,100 2,416 213 3,729
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles Other assets Total assets	x x % % % A\$m A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119 1,768	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159 1,818	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159 1,878	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159 1,948	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr Terminal val Franking Cre Total valuate	475.6 3.7 4.2 20.2% 9.8% 21.9% ibutable cast ue edits ion	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8% 1,100 2,416 213 3,729 483
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles Other assets Total assets Liabilities	x x % % % A\$m A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119 1,768 2,130	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159 1,818 2,235	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159 1,878 2,325	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159 1,948 2,475	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr Terminal val Franking Cre Total valuat Shares on is	475.6 3.7 4.2 20.2% 9.8% 21.9% ibutable cast ue edits ion ssue hare	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8% 1,100 2,416 213 3,729 483 A\$7.70
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles Other assets Total assets Liabilities Unearned Premiums	x x % % % A\$m A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119 1,768 2,130	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159 1,818 2,235	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159 1,878 2,325	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159 1,948 2,475	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr Terminal val Franking Cre Total valuat Shares on is Value per s	475.6 3.7 4.2 20.2% 9.8% 21.9% ibutable cast ue edits ion ssue hare	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8% 1,100 2,416 213 3,729 483 A\$7.70
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles Other assets Total assets Liabilities Unearned Premiums Outstanding claims	x x % % % % A\$m A\$m A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119 1,768 2,130 266 268	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159 1,818 2,235	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159 1,878 2,325 301 196	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159 1,948 2,475 316 207	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr Terminal val Franking Cre Total valuat Shares on is Value per s	475.6 3.7 4.2 20.2% 9.8% 21.9% ibutable cast ue edits ion ssue hare	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8% 1,100 2,416 213 3,729 483 A\$7.70 A\$8.65
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles Other assets Total assets Liabilities Unearned Premiums Outstanding claims Borrowings	x x % % % % A\$m A\$m A\$m A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119 1,768 2,130 266 268 246	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159 1,818 2,235 284 239 256	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159 1,878 2,325 301 196 256	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159 1,948 2,475 316 207 256	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr Terminal val Franking Cre Total valuat Shares on is Value per si Target price	475.6 3.7 4.2 20.2% 9.8% 21.9% ibutable cast ue edits ion ssue hare	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8% 1,100 2,416 213 3,729 483 A\$7.70 A\$8.65
P/BV P/NTA Gearing Ratio ROA ROE Balance Sheet Assets Cash & cash equivalents Intangibles Other assets Total assets Liabilities Unearned Premiums Outstanding claims Borrowings Other liabilities	x x % % % % A\$m A\$m A\$m A\$m A\$m A\$m	468.3 3.8 4.6 20.0% 9.7% 22.4% FY23A 243 119 1,768 2,130 266 268 246 366	483.1 3.8 4.3 20.2% 10.0% 21.3% FY24E 258 159 1,818 2,235 284 239 256 369	483.8 3.6 4.1 20.0% 10.7% 22.5% FY25E 288 159 1,878 2,325 301 196 256 372	484.6 3.4 4.0 19.3% 10.4% 21.5% FY26E 368 159 1,948 2,475 316 207 256 375	458.4 4.8 5.6 26.6% 7.6% 18.7% Sum of distr Terminal val Franking Cre Total valuat Shares on is Value per si Target price Capital Retu	475.6 3.7 4.2 20.2% 9.8% 21.9% sibutable cast ue edits ion ssue hare	484.2 3.4 4.0 19.3% 10.5% 22.0%	485.7 3.1 3.6 17.7% 11.4%	487.5 2.8 3.2 16.4% 11.6% 21.8% 1,100 2,416 213

arhi		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
Premium revenue	A\$m	1,201.0	1,225.6	1,269.4	1,302.9	2,286.2	2,426.6	2,572.3	2,736.0	2,874.7
Claims	A\$m	(973.3)	(955.3)	(1,031.2)	(1,048.1)	(1,820.3)	(1,928.6)	(2,079.3)	(2,222.9)	(2,344.2)
Gross underwriting result	A\$m	227.7	270.3	238.2	254.8	465.9	498.0	493.0	513.1	530.5
Underwriting Expenses	A\$m	(122.5)	(155.4)	(119.1)	(141.8)	(227.9)	(277.9)	(260.9)	(277.8)	(292.1)
Net underwriting result	A\$m	105.2	114.9	119.1	113.0	238.0	220.1	232.1	235.2	238.4
Other income	A\$m	1.4	1.4	1.4	1.4	2.5	2.8	2.8	2.8	2.8
Underlying Operating Profit	A\$m	106.6	116.3	120.5	114.4	240.5	222.9	234.9	238.0	241.2
Premium revenue growth (pcp)	%	4.3%	8.0%	5.7%	6.3%	5.2%	6.1%	6.0%	6.4%	5.1%
Policyholder growth (pcp) - closing	%	4.2%	4.7%	4.1%	3.5%	3.2%	4.7%	3.5%	2.0%	2.0%
Policyholder growth (pcp) - average	%	3.7%	4.5%	4.4%	3.8%	3.7%	4.0%	4.1%	2.8%	2.0%
UOP growth	%	-14.6%	0.5%	13.0%	-1.6%	12.3%	-7.3%	5.4%	1.3%	1.3%
Reported Gross margin % - arhi	%	19.5%	22.5%	19.4%	20.1%	20.9%	21.0%	19.8%	19.3%	19.0%
MER % - arhi	%	10.9%	13.3%	10.1%	11.6%	10.7%	12.1%	10.9%	10.9%	10.9%
Reported Net margin % - arhi	%	8.6%	9.3%	9.3%	8.5%	10.2%	8.9%	8.9%	8.4%	8.1%
iihi		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
Premium revenue	A\$m	71.3	80.1	83.0	85.0	123.7	151.4	168.0	177.0	187.0
Claims	A\$m	(46.1)	(45.4)	(45.2)	(44.5)	(89.2)	(91.5)	(89.7)	(92.5)	(108.7)
Gross underwriting result	A\$m	25.2	34.7	37.8	40.5	34.5	59.9	78.3	84.5	78.3
Underwriting Expenses	A\$m	(17.3)	(19.6)	(22.5)	(24.9)	(35.6)	(36.9)	(47.4)	(52.0)	(52.9)
Net underwriting result	A\$m	7.9	15.1	15.3	15.7	(1.1)	23.0	31.0	32.5	25.4
Other income	A\$m	-	-	-	-	-	-	-	-	-
Underlying Operating Profit	A\$m	7.9	15.1	15.3	15.7	(1.1)	23.0	31.0	32.5	25.4
Premium revenue growth (pcp)	%	19.0%	25.5%	16.4%	6.1%	7.1%	22.4%	11.0%	5.4%	5.6%
UOP growth	%	-206.8%	139.7%	93.8%	3.6%	-81.4%	-2190.9%	34.6%	4.9%	-21.9%
· ·							10.00/			
Reported Gross margin % - IIHI	%	38.3%	45.7%	48.0%	50.0%	30.6%	42.2%	49.0%	50.0%	44.0%
MER % - IIHI	%	29.0%	29.1%	31.0%	33.0% 17.0%	33.6%	29.1% 13.1%	32.0%	33.0%	31.7% 12.3%
Reported Net margin % - IIHI	70	9.3%	16.6%	17.0%	17.0%	-3.0%	13.1%	17.0%	17.0%	12.3%
nzhi		1H23A	2H23A	1H24E	2H24E	FY22A	FY23A	FY24E	FY25E	FY26E
Premium revenue	A\$m	160.1	170.3	176.7	185.9	291.8	330.4	362.6	387.5	403.1
Claims	A\$m	(99.5)	(103.1)	(114.8)	(115.3)	(175.3)	(202.6)	(230.1)	(238.2)	(247.8)
Gross underwriting result	A\$m	60.6	67.2	61.8	70.6	116.5	127.8	132.5	149.3	155.3
Underwriting Expenses	A\$m	(43.9)	(51.1)	(47.6)	(54.8)	(93.8)	(95.0)	(102.5)	(106.6)	(110.9)
Net underwriting result	A\$m	16.7	16.1	14.2	15.8	22.7	32.8	30.0	42.7	44.4
_		10.7								
Other income	A\$m	-	1.4	1.5	2.3	-	1.4	3.8	4.1	4.1
_		16.7				22.7	1.4 34.2	3.8 33.8	4.1 46.8	4.1 48.5
Other income Underlying Operating Profit	A\$m	-	1.4	1.5	2.3	22.7 12.8%				
Other income Underlying Operating Profit	A\$m A\$m	- 16.7	1.4 17.5	1.5 15.7	2.3 18.1		34.2	33.8	46.8	48.5
Other income Underlying Operating Profit Premium revenue growth (pcp)	A\$m A\$m % %	- 16.7 10.9%	1.4 17.5 15.5%	1.5 15.7 10.4%	2.3 18.1 9.2%	12.8%	34.2 13.2%	33.8 9.7%	46.8 6.9%	48.5 4.0%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing	A\$m A\$m %	- 16.7 10.9% 5.2%	1.4 17.5 15.5% 5.8%	1.5 15.7 10.4% 4.4%	2.3 18.1 9.2% 3.5%	12.8% 4.5%	34.2 13.2% 5.8%	9.7% 3.5%	46.8 6.9% 2.0%	48.5 4.0% 2.0%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average	A\$m A\$m % %	16.7 10.9% 5.2% 4.8%	1.4 17.5 15.5% 5.8% 5.5%	1.5 15.7 10.4% 4.4% 5.1%	2.3 18.1 9.2% 3.5% 4.0%	12.8% 4.5% 3.4%	34.2 13.2% 5.8% 5.2%	9.7% 3.5% 4.6%	46.8 6.9% 2.0% 2.8%	48.5 4.0% 2.0% 2.0%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average Underlying Operating Result growth Reported Gross margin % - nzhi	### A\$m ################################	10.9% 5.2% 4.8% 81.5%	1.4 17.5 15.5% 5.8% 5.5% 29.6%	1.5 15.7 10.4% 4.4% 5.1% -5.8%	2.3 18.1 9.2% 3.5% 4.0% 3.4%	12.8% 4.5% 3.4% -5.8%	34.2 13.2% 5.8% 5.2% 50.7%	9.7% 3.5% 4.6% -1.1%	46.8 6.9% 2.0% 2.8% 38.4% 38.5% 27.5%	48.5 4.0% 2.0% 2.0% 3.7%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average Underlying Operating Result growth Reported Gross margin % - nzhi	### A\$m ### A\$m ###	16.7 10.9% 5.2% 4.8% 81.5% 38.7%	1.4 17.5 15.5% 5.8% 5.5% 29.6% 40.3%	1.5 15.7 10.4% 4.4% 5.1% -5.8% 35.0%	2.3 18.1 9.2% 3.5% 4.0% 3.4% 38.0%	12.8% 4.5% 3.4% -5.8% 40.8%	34.2 13.2% 5.8% 5.2% 50.7% 39.5%	33.8 9.7% 3.5% 4.6% -1.1% 36.5%	46.8 6.9% 2.0% 2.8% 38.4% 38.5%	48.5 4.0% 2.0% 2.0% 3.7% 38.5%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average Underlying Operating Result growth Reported Gross margin % - nzhi MER % - nzhi	### A\$m ################################	16.7 10.9% 5.2% 4.8% 81.5% 38.7% 28.3%	1.4 17.5 15.5% 5.8% 5.5% 29.6% 40.3% 30.8%	1.5 15.7 10.4% 4.4% 5.1% -5.8% 35.0% 26.9%	2.3 18.1 9.2% 3.5% 4.0% 3.4% 38.0% 29.5%	12.8% 4.5% 3.4% -5.8% 40.8% 33.0%	34.2 13.2% 5.8% 5.2% 50.7% 39.5% 29.6%	33.8 9.7% 3.5% 4.6% -1.1% 36.5% 28.3%	46.8 6.9% 2.0% 2.8% 38.4% 38.5% 27.5%	48.5 4.0% 2.0% 2.0% 3.7% 38.5% 27.5%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average Underlying Operating Result growth Reported Gross margin % - nzhi MER % - nzhi Reported Net margin % - nzhi	### A\$m ################################	16.7 10.9% 5.2% 4.8% 81.5% 38.7% 28.3% 10.4%	1.4 17.5 15.5% 5.8% 5.5% 29.6% 40.3% 30.8% 9.5%	1.5 15.7 10.4% 4.4% 5.1% -5.8% 35.0% 26.9% 8.1%	2.3 18.1 9.2% 3.5% 4.0% 3.4% 38.0% 29.5% 8.5%	12.8% 4.5% 3.4% -5.8% 40.8% 33.0% 7.8%	34.2 13.2% 5.8% 5.2% 50.7% 39.5% 29.6% 9.9%	33.8 9.7% 3.5% 4.6% -1.1% 36.5% 28.3% 8.3%	46.8 6.9% 2.0% 2.8% 38.4% 38.5% 27.5% 11.0%	48.5 4.0% 2.0% 2.0% 3.7% 38.5% 27.5% 11.0%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average Underlying Operating Result growth Reported Gross margin % - nzhi MER % - nzhi Reported Net margin % - nzhi Travel	A\$m A\$m % % % % % % %	16.7 10.9% 5.2% 4.8% 81.5% 38.7% 28.3% 10.4%	1.4 17.5 15.5% 5.8% 5.5% 29.6% 40.3% 30.8% 9.5%	1.5 15.7 10.4% 4.4% 5.1% -5.8% 35.0% 26.9% 8.1%	2.3 18.1 9.2% 3.5% 4.0% 3.4% 38.0% 29.5% 8.5%	12.8% 4.5% 3.4% -5.8% 40.8% 33.0% 7.8%	34.2 13.2% 5.8% 5.2% 50.7% 39.5% 29.6% 9.9%	33.8 9.7% 3.5% 4.6% -1.1% 36.5% 28.3% 8.3%	46.8 6.9% 2.0% 2.8% 38.4% 38.5% 27.5% 11.0%	48.5 4.0% 2.0% 2.0% 3.7% 38.5% 27.5% 11.0%
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average Underlying Operating Result growth Reported Gross margin % - nzhi MER % - nzhi Reported Net margin % - nzhi Travel Other Income	A\$m A\$m % % % % % % % A\$m	16.7 10.9% 5.2% 4.8% 81.5% 38.7% 28.3% 10.4% 1H23A 51.3	1.4 17.5 15.5% 5.8% 5.5% 29.6% 40.3% 30.8% 9.5% 2H23A 61.9	1.5 15.7 10.4% 4.4% 5.1% -5.8% 35.0% 26.9% 8.1% 1H24E 59.4	2.3 18.1 9.2% 3.5% 4.0% 3.4% 38.0% 29.5% 8.5% 2H24E 60.8	12.8% 4.5% 3.4% -5.8% 40.8% 33.0% 7.8% FY22A 46.6	34.2 13.2% 5.8% 5.2% 50.7% 39.5% 29.6% 9.9% FY23A 113.2	33.8 9.7% 3.5% 4.6% -1.1% 36.5% 28.3% 8.3% FY24E 120.2	46.8 6.9% 2.0% 2.8% 38.4% 38.5% 27.5% 11.0% FY25E 118.7	48.5 4.0% 2.0% 2.0% 3.7% 38.5% 27.5% 11.0% FY26E 119.0
Other income Underlying Operating Profit Premium revenue growth (pcp) Policyholder growth (pcp) - closing Policyholder growth (pcp) - average Underlying Operating Result growth Reported Gross margin % - nzhi MER % - nzhi Reported Net margin % - nzhi Travel Other Income Acquisition costs	A\$m	16.7 10.9% 5.2% 4.8% 81.5% 38.7% 28.3% 10.4% 1H23A 51.3 (28.1)	1.4 17.5 15.5% 5.8% 5.5% 29.6% 40.3% 30.8% 9.5% 2H23A 61.9 (35.5)	1.5 15.7 10.4% 4.4% 5.1% -5.8% 35.0% 26.9% 8.1% 1H24E 59.4 (32.7)	2.3 18.1 9.2% 3.5% 4.0% 3.4% 38.0% 29.5% 8.5% 2H24E 60.8 (33.4)	12.8% 4.5% 3.4% -5.8% 40.8% 33.0% 7.8% FY22A 46.6 (26.8)	34.2 13.2% 5.8% 5.2% 50.7% 39.5% 29.6% 9.9% FY23A 113.2 (63.6)	33.8 9.7% 3.5% 4.6% -1.1% 36.5% 28.3% 8.3% FY24E 120.2 (66.1)	46.8 6.9% 2.0% 2.8% 38.4% 38.5% 27.5% 11.0% FY25E 118.7 (65.3)	48.5 4.0% 2.0% 2.0% 3.7% 38.5% 27.5% 11.0% FY26E 119.0 (65.5)

[•] For risks to our investment theses, please see our most recent reports: MPL, NHF.

Important Disclosures

Recommendation definitions

Macquarie - Asia and USA

Outperform - expected return >10% Neutral - expected return from -10% to +10% Underperform - expected return <-10%

Macquarie - Australia/New Zealand Outperform - expected return >10% Neutral - expected return from 0% to 10%

Underperform - expected return <0%

During periods of share price volatility, recommendations and target prices may occasionally and temporarily be inconsistent with the above definitions.

Recommendations - 12 months Note: Quant recommendations may differ from Fundamental Analyst recommendations

Volatility index definition

This is calculated from the volatility of historical price movements.

Very high - highest risk - Stock should be expected to move up or down 60-100% in a year - investors should be aware this stock is highly speculative.

High - stock should be expected to move up or down at least 40-60% in a year - investors should be aware this stock could be speculative.

Medium - stock should be expected to move up or down at least 25-40% in a year.

Low - stock should be expected to move up or down at least 15-25% in a year.

* Applicable to select stocks in Asia/Australia/NZ

Note: expected return is reflective of a Medium Volatility stock and should be assumed to adjust proportionately with volatility risk

Financial definitions

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense

Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

EPS = adjusted net profit / efpowa*

ROA = adjusted ebit / average total assets

ROA Banks/Insurance = adjusted net profit /average

ROE = adjusted net profit / average shareholders funds **Gross cashflow** = adjusted net profit + depreciation *equivalent fully paid ordinary weighted average number of

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

Recommendation proportions for quarter ending 30 June 2023

	AU/NZ	Asia	USA	
Outperform	56.88%	63.90%	63.89%	(for global coverage by Macquarie, 2.58% of stocks followed are investment banking clients)
Neutral	36.88%	23.06%	33.33%	(for global coverage by Macquarie, 1.22% of stocks followed are investment banking clients)
Underperform	6.25%	13.04%	2.78%	(for global coverage by Macquarie, 0.00% of stocks followed are investment banking clients)

Company-Specific Disclosures

Company Name

Medibank (MPL AU)

Neutral

12-month target:AUD3.75 - DCF Valuation: AUD 3.60 - DCF (WACC 9.1%, beta 1.2, ERP 5.0%, RFR 3.1%, TGR 3.1%) Price:AUD3.48

Disclosure

Macquarie Group Limited together with its affiliates owns a net long of 0.5% or more of the equity securities of Medibank Private

Macquarie Group Limited together with its affiliates beneficially owns 1% or more of the equity securities of Medibank Private Ltd.

nib (NHF AU)

Neutral

12-month target:AUD8.65 - DCF Valuation: AUD 7.70 - DCF (WACC 8.9%, beta 1.2, ERP 5.0%, RFR 3.1%, TGR 3.1%) Price:AUD7.67

Macquarie Group Limited together with its affiliates owns a net long of 0.5% or more of the equity securities of NIB Holdings Ltd Macquarie Group Limited together with its affiliates beneficially owns 1% or more of the equity securities of NIB Holdings Ltd.

A reference to "Macquarie" is a reference to the entity within the Macquarie Group of companies (comprising Macquarie Group Limited and its worldwide affiliates and subsidiaries) that is relevant to this disclosure. Important disclosure information regarding the subject companies covered in this report is available publicly at www.macquarie.com/research/disclosures. Clients receiving this report can additionally access previous recommendations (from the year prior to publication of this report) issued by this report's author at https://www.macquarieinsights.com.

TO THE EXTENT THAT ANY COMPANY MENTIONED IN THIS COMMUNICATION IS A COMPANY LISTED IN THE ANNEX TO EXECUTIVE ORDER 14032 OF JUNE 3, 2021 FROM THE PRESIDENT OF THE UNITED STATES OF AMERICA ("E014032") OR IN THE OFAC NON-SDN CHINESE MILITARY-INDUSTRIAL COMPLEX COMPANIES LIST AS UPDATED FROM TIME TO TIME AND YOU ARE A "UNITED STATES PERSON" AS DEFINED UNDER E014032, YOU ARE REMINDED THAT YOU MAY BE PREVENTED BY E014032 FROM TRADING THE SECURITIES OF SUCH A COMPANY.

Recommendation history

Company name Related	Date	Recommendation	Target price
Medibank (MPL AU)	24-Aug-2023	Neutral	AUD 3.75
Medibank (M 2 Ao)	18-Jul-2023	Neutral	AUD 3.50
	23-Feb-2023	Neutral	AUD 3.40
	3-Jan-2023	Neutral	AUD 3.35
	5-Dec-2022	Neutral	AUD 3.20
	18-Aug-2022	Neutral	AUD 3.45
	12-Jul-2022	Neutral	AUD 3.15
	4-May-2022	Neutral	AUD 3.20
	15-Mar-2022	Neutral	AUD 3.25
	25-Feb-2022	Neutral	AUD 3.30
	12-Jan-2022	Neutral	AUD 3.50

20 September 2023 17



27-Oct-2021	Neutral	AUD 3.55
26-Aug-2021	Neutral	AUD 3.45
16-Jul-2021	Neutral	AUD 2.85
16-Mar-2021	Neutral	AUD 2.80
25-Feb-2021	Neutral	AUD 2.85
7-Jan-2021	Underperform	AUD 2.70
12-Nov-2020	Neutral	AUD 2.65
3-Nov-2020	Neutral	AUD 2.70

nib (NHF AU)



21-Aug-2023	Neutral	AUD 8.65
18-Jul-2023	Neutral	AUD 8.25
4-May-2023	Neutral	AUD 7.65
20-Feb-2023	Neutral	AUD 7.55
28-Oct-2022	Neutral	AUD 7.20
22-Aug-2022	Neutral	AUD 7.25
28-Jul-2022	Neutral	AUD 6.95
12-Jul-2022	Neutral	AUD 7.50
5-May-2022	Neutral	AUD 7.55
29-Apr-2022	Neutral	AUD 7.65
21-Feb-2022	Neutral	AUD 7.10
12-Jan-2022	Neutral	AUD 7.65
4-Nov-2021	Neutral	AUD 7.50
2-Nov-2021	Neutral	AUD 7.15
27-Oct-2021	Neutral	AUD 7.05
28-Sep-2021	Neutral	AUD 7.00
23-Aug-2021	Neutral	AUD 6.85
16-Jul-2021	Neutral	AUD 6.30
13-May-2021	Neutral	AUD 5.95
26-Apr-2021	Neutral	AUD 5.90
16-Mar-2021	Neutral	AUD 5.45
22-Feb-2021	Neutral	AUD 5.80
7-Jan-2021	Neutral	AUD 6.10
3-Nov-2020	Outperform	AUD 5.25

Analyst Certification

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