NEW ZEALAND QUANTITATIVE RESEARCH
3 AUGUST 2020

# A Month in the Market July 2020

#### MATTHEW LEACH

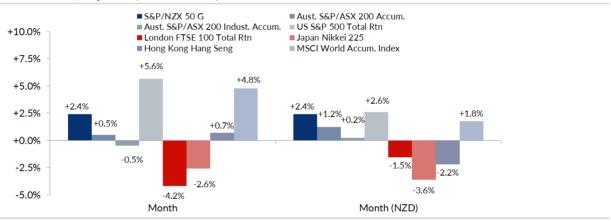
matthew.leach@forsythbarr.co.nz +64 4 495 1324

#### LIAM DONNELLY

liam.donnelly@forsythbarr.co.nz +64 4 495 8194

The S&P/NZX 50 Gross Index rose +2.4% in July 2020, bringing the year-to-date return for the benchmark index to +2.1%. In contrast, the S&P/NZX 50 Portfolio Gross Index (which caps constituent weightings at 5%), is still down -5.5% for the same period, highlighting the impact that the largest cap stocks have on the benchmark index. In July, small caps led the market, up +10.4%, while the mid and large caps trailed on +3.2% and +2.1% respectively. Off-shore markets were varied, with the S&P/ASX200 Accum, S&P500 TR and FTSE100 TR returning +0.5%, +5.6% and -4.2% respectively (local currency).

Figure 1. International Returns, July 2020 (Local and NZD)



Source: Forsyth Barr analysis, Bloomberg

#### Movers and shakers

The month of July finished with 33 positive returns and 17 negative returns and an overall range of 35.5%. Top performers for the month included SUM (+22%), MFT (+20%) and MET (+15%), whilst SKT (-14%), VGL (-12%) and PPH (-10%) performed the worst. The main (positive) contributors to the index were SPK, MFT and ATM with CEN, FBU and AIA providing the largest negative contributions for the month.

Figure 2. Index and Sector Movements: July 2020

S&P/NZX Indices	Close	1mth Return	3mth Return
50 Gross	11,727.63	+2.4%	+11.4%
50 Portfolio Gross	6,720.03	+2.5%	+9.2%
Large Caps Gross	12,449.89	+2.1%	+12.5%
Mid-Caps Gross	29,266.46	+3.2%	+9.3%
Small Caps Gross	63,367.10	+10.4%	+22.9%
All Real Estate Gross	1,649.18	+7.1%	+10.2%

Source: Forsyth Barr analysis. Refinitiv

Figure 3. Expected 12 month forward total return

	S&P/NZX 50		Large	Сар	Mid Cap		
	Weighted	Median	Weighted	Median	Weighted	Median	
Forsyth Barr	-2.1%	+3.0%	-6.1%	+2.3%	+4.6%	+2.7%	
Consensus	+0.3%	+4.8%	-2.6%	-0.5%	+5.7%	+5.5%	
Difference	-2.4%	-1.8%	-3.5%	+2.8%	-1.0%	-2.7%	

Source: Forsyth Barr analysis, Bloomberg

#### Expected 12 month forward total return

Our expected 12 month forward total returns are -2.1% (weighted) for the benchmark S&P/NZX 50 index or +3.0% on a median basis. Large cap companies are expected to deliver -6.1% (+2.3% median) versus the mid-caps at +4.6% (+2.7% median).

Figure 4. Company headlines: July 2020

Code	Date	Total Return	Headline
AIA	1/07/2020	-2.9%	$Auckland\ International\ Airport\ expects\ to\ take\ up\ to\ an\ NZ\$90m\ profit\ hit\ in\ 2020, mainly\ from\ costs\ incurred\ from\ terminating$
			infrastructure projects and retail rent drops.
AIR	21/07/2020	+1.5%	Air New Zealand extended by six months the time-frame in which customers can use travel credits, after launching a selfservice tool to redeem them.
AIR	28/07/2020	+1.5%	Air New Zealand pushed out its international booking freeze by a further 10 days, after an uplift in booking requests.
ATM	15/07/2020	+3.2%	Potential A2 Milk investment target Mataura Valley Milk confirmed it is in breach of banking covenants and faces a NZ\$26m funding deficit by December.
KMD	2/07/2020	+0.9%	Kathmandu Holdings expects its full-year earnings to drop to NZ\$70m as it grapples with the impact of COVID-19 on retail.
MET	6/07/2020	+15.0%	Metlifecare received a lower offer of \$6 per share from Asia Pacific Village Group, which had unilaterally withdrawn its initial \$7 offer three months ago.
MET	10/07/2020	+15.0%	The majority of Metlifecare's board has agreed to a takeover by Asia Pacific Village Group at \$6 per share, down from the previously agreed to \$7 deal.
MFT	30/07/2020	+20.4%	Mainfreight's Australian pre-tax profit more than doubled in its first 17 weeks of trading as it grabbed market share across the Tasman.
NZX	1/07/2020	+4.3%	NZX and investment platform Syndex teamed up to nurture private companies in the hope they will publicly list down the track.
NZX	30/07/2020	+4.3%	NZX said Capital raisings rose +62% in the year to date, as COVID-19 hit firms sought funds to shore up their balance sheets.
OCA	23/07/2020	+13.6%	Oceania Healthcare reported an annual net loss of NZ\$13.6m, down from a profit of \$45.4m the previous year, on lower valuation of its property portfolio.
RBD	29/07/2020	+1.2%	Restaurant Brands NZ second-quarter sales were heavily hit by the COVID-19 lockdowns, mostly obvious in its New Zealand operations.
SKT	3/07/2020	-14.0%	Sky Network TV agreed a revised satellite service agreement for the next decade with Optus Networks.
SUM	9/07/2020	+21.5%	Summerset Group expects first-half underlying profit to be between NZ\$40m and NZ\$45m, lower than previously estimated due to the effects of COVID-19.
TPW	15/07/2020	-4.7%	The Electricity Authority remains confident its process for mandating that national grid charges be divvied up more fairly will withstand judicial scrutiny.
TPW	24/07/2020	-4.7%	Trustpower wants to avoid suing the government over freshwater management reforms which it says favour the other four listed rivals.
VCT	28/07/2020	+8.1%	Unleashing the power of smart metering data is the driving force behind a new multi-year partnership between Vector and Amazon Web Services.
ZEL	22/07/2020	+4.4%	Z Energy said it is on track to deliver cost reductions after its earnings took a hammering during the COVID-19 lockdown.

Source: Forsyth Barr analysis, NBR

#### Figure 5. Economic headlines: July 2020

	· · · · · · · · · · · · · · · · · · ·
Date	Headline
3/07/2020	New Zealand banks' collective profits dropped by -20% in the March quarter, with the worst effects of COVID-19 yet to come.
6/07/2020	A report on the economic case for open ocean aquaculture said the salmon farming industry could be earning as much as NZ\$2bn for the country by
	2049.
8/07/2020	MediaWorks' woes continued with news that CEO Michael Anderson will leave the company at the end of the year.
9/07/2020	Rio Tinto will look to close down New Zealand's only aluminium smelter at Tiwai Point by August 2021, with some 1000 jobs now set to be lost.
10/07/2020	COVID-19 related disruption across all channels of the wine trade in the US is likely to have a harmful impact on small New Zealand wineries.
13/07/2020	$Tiwai\ Point\ a luminium\ smelter's\ signalled\ wind-down\ next\ year\ has\ forced\ Transpower\ to\ expedite\ at\ least\ NZ\$650m\ of\ transmission\ upgrades\ to\ the$
	national grid.
14/07/2020	In a special edition of the Reserve Bank's Credit Conditions Survey from June, the trading banks predicted falling demand for credit despite low
	interest rates.

17/07/2020 Bauer Media completed the sale of its Australasian magazines business to Mercury Capital, which will resume publishing shortly.

 $22/07/2020\ The\ Global\ Dairy\ Trade\ price\ index\ eased\ -0.7\%\ to\ 989\ after\ the\ latest\ auction\ of\ dairy\ commodities.$ 

24/07/2020 Aged care providers are not on board with a union push for mandatory minimum staffing ratios, saying the sector could not cope with the added burden.

 $24/07/2020\ McDonald's\ Restaurants\ New\ Zealand\ made\ an\ NZ\$70.5m\ profit\ for\ 2019, a\ feat\ it\ might\ not\ repeat\ in\ 2020\ because\ of\ the\ COVID-19\ impact.$   $27/07/2020\ Hundreds\ of\ NZ\ tourism\ businesses\ will\ learn\ this\ week\ if\ they\ will\ receive\ cash\ from\ the\ government's\ controversial\ \$400m\ tourism\ rescue\ package.$ 

 $28/07/2020\ Forestry\ has\ a\ greater\ economic\ impact\ per\ hectare\ than\ sheep\ and\ cow\ farming,\ according\ to\ a\ report\ commissioned\ by\ Te\ Uru\ Rakau\ (Forestry\ NZ).$ 

Source: Forsyth Barr analysis, NBR

Figure 6. Forsyth Barr ratings changes: July 2020

Code	Indicator	Rating	<b>Previous Rating</b>	Date	Comment
THL	<b>A</b>	NEUTRAL	UNDERPERFORM	8/07/2020	We upgrade Tourism Holdings (THL) to NEUTRAL from UNDERPERFORM reflecting the
					company's strong cost management in response to COVID-19 demand challenges, and
					strength in vehicle sales demand.
GNE	▼	NEUTRAL	OUTPERFORM	20/07/2020	Rio Tinto's (RIO) shock announcement that it intends to shutter the New Zealand
					Aluminium Smelter (NZAS) significantly impacts Genesis Energy, and it now has several
					important and challenging decisions to make. We have reduced both our earnings and
					dividend forecasts and downgrade our rating to NEUTRAL from OUTPERFORM.
MCY	▼	NEUTRAL	OUTPERFORM	20/07/2020	The main impact MCY faces as a result of Rio Tinto's announcement that it plans to shutter
					${\sf NZAS}\ is\ increased\ retail\ competition.\ However, it\ has\ no\ offsetting\ benefit\ from\ {\sf NZAS}\ $
					closing and therefore faces a decline in earnings due to lower retail prices. We have
					$trimmed\ our\ earnings\ and\ dividend\ forecasts\ for\ the\ company\ and\ downgrade\ our\ rating$
					to NEUTRAL from OUTPERFORM.
TPW	▼	NEUTRAL	OUTPERFORM	20/07/2020	Whilst TPW is not directly impacted as a result of Rio Tinto's decision to close NZAS, it has
					limited balance capacity to absorb the short-term negative effects. TPW is helped by the $$
					fact that its generation assets are all renewable and relatively well spread out across the
					country; however, TPW is exposed to negative retail price effects. We downgrade our
					rating to NEUTRAL from OUTPERFORM.
PPH	n/a	OUTPERFORM	n/a	23/07/2020	We initiate coverage of Pushpay with an OUTPERFORM rating and target price of NZ
					\$12.42. PPH is the current market leader in providing customised, innovative giving
					technology for large US churches. PPH is well placed to benefit from the ongoing
					consolidation of US churches and thematic shift towards digital giving, accentuated by
					COVID-19.

Source: Forsyth Barr analysis

Figure 7. Forsyth Barr target price and earnings changes

	Target Price Changes	Forecast Year 1	Forecast Year 2		
Upgrade ▲	10	14	10		
Downgrade <b>▼</b>	5	6	10		

Source: Forsyth Barr analysis

Figure 8. Forsyth Barr target price and earnings changes: July 2020

Code	Target Price Change	Earnings Changes	Comment
AIA	▲ NZ\$5.70 (from NZ\$5.50)	NPAT: ▼ FY20 -0.8%, ▼ FY21 -16.2%	$\textbf{Significant items and debt repayments.} \ \text{We lower our FY20/FY21 NPAT forecasts to} \\$
			reflect 1) various significant items, and 2) higher interest costs in FY20 to reflect the
			timing of debt repayments and the use of proceeds from the April 2020 capital
			raise.
AIR	▲ NZ\$0.90 (from NZ\$0.80)	PBT: ▲ FY20 +18.4%, ▲ FY21 +40.5%	Cargo volumes and pax RASK. We lift our FY20/FY21 earnings forecasts although
			still expect AIR to be loss-making in FY21. Our forecasts are lifted due to higher
			cargo revenue and passender RASK assumptions.
ARV	n/a	NPAT: ▲ FY21 +8.4%, ▼ FY22 -0.8%	Increased sales. The key drivers behind our FY21 changes are (1) incorporating the
			net cost of NZ\$3m ARV incurred as a result of COVID-19 measures through April
			to June, (2) lifting our FY21 re-sales units and re-sale average prices; and (3)
			increasing our build rate and new sales.
CEN	▼ NZ\$7.50 (from NZ\$8.15)	EBITDA: ▲ FY20 +4.2%, ▼ FY21 -3.6%	Smelter closure. The increase in our FY20 estimate is due to higher than forecast
			June 2020 operating statistics helped by firm wholesale electricity prices. Our
			forecasts reflect the deferral of the 'shovel-ready' Tauhara geothermal
			development and likely lower retail prices due to the fall in wholesale electricity
			prices and increased competition (due to the closure of NZAS).
GNE	▼ NZ\$2.75 (from NZ\$3.30)	EBITDA: ▼ FY20 -1.7%, ▼ FY21 -6.5%	Smelter closure. Our estimates include (1) the closure of one of the Huntly plants
			and that the coal/gas Rankine units are the most likely to close, (2) a natural
			downsizing of its retail business as MEL seeks to increase its market share, and (3)
			the end of the MEL and CEN swaption contracts.
IPL	▲ NZ\$2.05 (from NZ\$1.85)	EPS: ▲ FY21 +1.7%, ▲ FY22 +4.4%	Potential acqusitions. We lift our FY21/FY22/FY23 EPS expectations due to our
			assumption of NZ \$50m of acquisitions in FY21. April's NZ \$100m capital raise
			provided IPL with balance sheet capacity to acquire assets and grow earnings.

Source: Forsyth Barr analysis

Figure 9. Forsyth Barr target price and earnings changes: July 2020 cont.

Code	Target Price Change	Earnings Changes	Comment
KMD	▲ NZ\$1.50 (from NZ\$1.20)	NPAT: ▲ FY20 +585.2%, ▲ FY21 +9.6%	Retail surge. We lift our FY20 forecast, in line with company guidance. Key
			drivers are 1) a shorter than expected lockdown, 2) a surge in retail activity
			fuelled by pent-up demand, and 3) higher than expected gross margin
			realisation.
MCY	▼ NZ\$4.41 (from NZ\$4.95)	EBITDA: ▼ FY20 -2.0%, ▼ FY21 -2.9%	<b>Smelter closure.</b> Our changes reflect an increase in retail competition (as we
			expect MEL to increase market share), declining retail prices, and the impact on
			the price MCY's under-construction wind farm, Turitea, will receive.
MEL	n/a	EBITDA: ▼ FY20 -1.0%, ▼ FY21 -0.2%	$\textbf{Smelter closure.} \ These \ changes \ reflect \ MEL \ spilling \ \sim 1,100GWh \ per \ annum \ of$
			water, the termination of the swaption with GNE, and our expectation that MEL $$
			will grow its retail market share and sell at a higher price than it received from
			NZAS.
MFT	▲ NZ\$47.00 (from NZ\$40.00)	EBITDA: ▲ FY21 +16.3%, ▲ FY22 +10.7%	$\textbf{Strong trading update.} \ We \ materially increase \ our \ earnings \ forecasts \ to \ reflect$
			the strong year-to-date performance. Our upgrades are on the back of MFT's
			recent trading update which highlighted the outstanding recovery in
			profitability following a tough COVID-19 impacted start to FY21.
MHJ	n/a	EBIT: ▲ FY20 +2.4%, ▲ FY21 +9.6%	Wage subsidies and rental relief. We adjust our FY20E forecasts to reflect
			updated sales figures, with our earnings estimates increasing as we lift our
			gross margin assumption on management commentary, and factor in further
			wage subsidies and rental relief. Our FY21E forecasts also lift on the back of
			wage subsidy extensions and cost out initiatives.
NPH	▲ NZ\$3.25 (from NZ\$3.05)	EBITDA: ▲ FY20 +3.6%, ▼ FY21 -0.4%	Log exports and containers. We make modest changes to our earnings forecasts
			in FY20 but leave FY21 and FY22 largely unchanged. The near term upgrade
			reflects higher assumptions for both high margin log exports, and containers.
OCA	▲ NZ\$1.10 (from NZ\$1.08)	NPAT: ▲ FY21 +23.5%, ▲ FY22 +9.9%	Increased sales, re-sales; lower costs. We increase our FY21/FY22 EBITDA
			forecasts due to increased sales, re-sales and lower costs. Our underlying profit
			increases by +24%/+10% (FY21/FY22 respectively), due to increased
			depreciation. We expect development margins to fall from 33%(FY20) to 22%
DOT	N744 50 (6 N744 50)	FDC + FV00 +0 00/ + FV04 +0 40/	(FY22).
PCT	▲ NZ\$1.58 (from NZ\$1.52)	EPS: ▲ FY20 +8.3%, ▲ FY21 +2.4%	Lower tenant support. We have adjusted our earnings for lower than previously
			forecast COVID tenant support, the delayed opening of Commercial Bay, the
			deferral of 1 Queen St redevelopment, settlement of the Pastoral House
			divestment, development of Bowen Campus stage 2 building 1, and higher
PEB	n/a	Payanua	levels of capitalised interest.
PED	II/a	Revenue: A F121+4.0%, A F122+12.1%	Major agreements. We have upgraded our near-term expectations to reflect
			PEB's recent announcements. This reflects a lift in test volume expectations,
			faster payment terms and a lift in the percentage of tests PEB receives cash
POT	▲ NZ\$6.20 (from NZ\$5.20)	NIDAT: W EV20 2.49/ W EV21 2.19/	from.
POI	▲ NZ\$0.20 (II 0III NZ\$3.20)	NPAT: ▼ FY20 -3.4%, ▼ FY21 -2.1%	COVID-19 impact. We lower our earnings forecasts for POT throughout our
			outlook period to principally reflect lower container volumes as a result of COVID-19 supply chain restrictions and the ongoing economic fall-out.
SKC	▼ NZ\$3.10 (from NZ\$3.30)	EPS: ▲ FY20 +9.4%, ▼ FY21 -26.3%	Conservative on border, Our base case now assumes a return to 'normal' in
SICC	▼ NZ\$3.10 (HOHNZ\$3.30)	LF3. ▲1 120 +7.470, ▼ 1 121-20.370	FY22E (most areas of the business) or FY23E (when including International
			Business, IB, and hotels). We make some adjustments to our recovery path and
			take a more conservative view on border re-opening.
THL	▲ NZ\$1.90 (from NZ\$1.50)	NPAT: ▲ FY20 +146.1%. ▲ FY21 +71.7%	Strong domestic demand assumed. We lift THL's FY20/FY21 forecasts. Our
			forecasts assume: international borders reopen to varying degrees by Jan
			2021, vehicle sales volumes and margins are strong through FY21, and that
			domestic rental demand will be strong prior to borders re-opening.
TPW	▼ NZ\$6.55 (from NZ\$7.50)	EBITDA: ▼ FY21 -4.7%, ▼ FY22 -8.8%	Smelter closure. The main impact on TPW from the smelter closure is lower
••	,		retail prices, which we anticipate will begin in early 2021 as MEL starts to grow
			its market share. Its generation portfolio is well positioned to cope.
			October 2010 by the positioned to cope.
WHS	n/a	NPAT: ▲ FY20+37.2%. ▲ FY21+30.8%	Wage subsidy and favourable rent negotiation. We lift our FY20/FY21
WHS	n/a	NPAT: ▲ FY20 +37.2%, ▲ FY21 +30.8%	Wage subsidy and favourable rent negotiation. We lift our FY20/FY21 forecasts. FY20 operating leverage is amplified by wage subsidies and

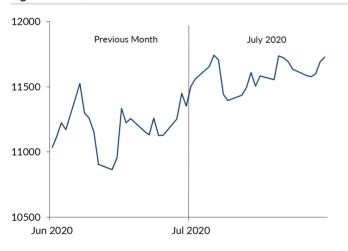
Source: Forsyth Barr analysis

Figure 10. Changes in Substantial Product Holder notices (SPH), Forsyth Barr universe

Code	Name	Shareholder Name	Initial Holding	Holding after Change	Change
AUG	Augusta Capital	ANZ NZ Investments	13.65%	0.06%	-13.59%
		Centuria New Zealand Holdings Limited (01/07/2020-19/07/2020)	63.92%	77.34%	+13.42%
		Rockridge Trustee Company Limited and Mark Edward Francis	11.91%	0.44%	-11.47%
EBO	EBOS Group	FMR	9.13%	8.11%	-1.02%
FPH	Fisher & Paykel Healthcare	The Capital Group Companies	6.45%	5.36%	-1.09%
FRE	Freightways	Harbour Asset Management & Jarden Securities Limited	5.31%	4.99%	-0.32%
GTK	Gentrack Group	National Nominees	8.69%	10.80%	+2.11%
IPL	Investore Property	ANZ NZ Investments	10.22%	9.20%	-1.03%
MET	Metlifecare	ACC	5.24%	4.90%	-0.34%
		Credit Suisse	6.33%	5.15%	-1.18%
		UBS	7.27%	9.99%	+2.72%
		UBS	9.99%	11.03%	+1.04%
PEB	Pacific Edge	AMP Capital Investors NZ	5.50%	4.74%	-0.76%
		Harbour Asset Management & Jarden Securities Limited	17.49%	15.69%	-1.81%
PPH	Pushpay Holdings	Christopher & Banks V Limited	19.06%	15.68%	-3.38%
		JPMorgan Chase & Co. and its affiliates	n/a	5.38%	n/a
		JPMorgan Chase & Co. and its affiliates	5.38%	0.15%	-5.23%
SKC	SKYCITY Entertainment Group	Lazard	7.33%	8.63%	+1.30%
SKT	SKY Network Television	Kiltearn Partners	8.01%	6.99%	-1.02%
		Mitsubishi UFJ Financial Group	5.73%	4.10%	-1.63%
SUM	Summerset Group Holdings	ACC	5.00%	4.98%	-0.02%
		ACC	n/a	5.04%	n/a
VGL	Vista Group International	Harbour Asset Management & Jarden Securities Limited	7.92%	6.34%	-1.58%
ZEL	Z Energy	Investment Services Group	5.10%	0.00%	-5.10%

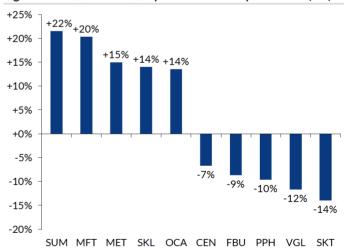
Source: Forsyth Barr analysis, NZX. Note: based on SPH notices only.

Figure 11. S&P/NZX 50 G Index



Source: Forsyth Barr analysis, Refinitiv

Figure 12. S&P/NZX 50 w/Imp: best and worst performers (1m)



Source: Forsyth Barr analysis, Refiinitv

Figure 13. Benchmark and sector movements: July 2020

S&P/NZX Indices	Last	Month	Year to Date	3 Months	12 Months	3 year	5 year	10 year
50 Gross	11,727.63	+2.4%	+2.1%	+11.4%	+8.0%	+15.1%	+14.6%	+14.5%
50 Portfolio Gross	6,720.03	+2.5%	-5.5%	+9.2%	+0.6%	+12.0%	+12.9%	+13.8%
Large Caps Gross	12,449.89	+2.1%	+11.0%	+12.5%	+17.0%	+18.8%	+15.8%	+14.9%
Mid-Caps Gross	29,266.46	+3.2%	-10.6%	+9.3%	-4.4%	+9.9%	+13.1%	+14.9%
Small Caps Gross	63,367.10	+10.4%	-4.8%	+22.9%	+4.0%	+6.5%	+11.7%	+12.3%
All Consumer Discretionary Gross	945.04	+2.8%	-33.3%	+4.4%	-23.6%	-4.6%	-1.3%	+4.0%
All Consumer Staples Gross	7,345.60	+3.1%	+28.4%	+5.7%	+11.9%	+43.0%	+46.6%	+27.7%
All Energy Gross	568.80	+4.0%	-39.5%	-10.0%	-56.1%	-25.4%	-10.9%	-3.9%
All Financials Gross	994.92	+3.9%	-16.7%	+12.5%	-4.6%	-8.8%	-0.6%	+5.6%
All Health Care Gross	3,138.72	+4.2%	+22.7%	+25.8%	+60.5%	+31.4%	+24.3%	+24.6%
All Index Gross	12,696.60	+2.8%	+2.0%	+11.8%	+8.3%	+15.0%	+15.0%	+15.3%
All Industrials Gross	1,752.70	+2.7%	-17.9%	+11.8%	-15.8%	+4.6%	+10.9%	+16.5%
All Information Technology Gross	1,828.15	-4.0%	+8.5%	+52.5%	-4.1%	+13.2%	+13.5%	+23.3%
All Materials Gross	498.70	-8.7%	-33.3%	-8.7%	-29.6%	-22.0%	-12.4%	-3.7%
All Real Estate Gross	1,649.18	+7.1%	-9.0%	+10.2%	-4.9%	+12.1%	+9.7%	+12.5%
All Communication Services Gross	2,331.17	+5.3%	+15.5%	+8.7%	+26.4%	+14.9%	+17.8%	+16.2%
All Utilities Gross	2,082.96	-0.9%	-5.1%	+3.2%	-1.7%	+16.9%	+15.5%	+13.5%

Source: Forsyth Barr analysis, Iress, 3, 5 & 10 year returns annualised

Figure 14. International returns (local currency): July 2020

Market (local returns)	Last	Month	Year to Date	3 months	12 months	3 year	5 year	10 year
Aust. S&P/ASX 200 Accum.	65,218.91	+0.5%	-10.0%	+7.6%	-9.9%	+5.4%	+5.1%	+7.4%
Aust. S&P/ASX 200 Indust. Accum.	126,353.60	-0.5%	-11.5%	+5.9%	-11.3%	+3.3%	+3.7%	+9.1%
Aust. S&P/ASX 200 A-REIT Accum.	45,921.02	+0.6%	-20.8%	+6.1%	-22.8%	+2.2%	+3.4%	+9.2%
US S&P 500 Total Rtn	6,709.81	+5.6%	+2.4%	+12.9%	+12.0%	+12.0%	+11.5%	+13.8%
London FTSE 100 Total Rtn	5,559.66	-4.2%	-20.4%	+0.6%	-19.2%	-3.3%	+1.5%	+5.1%
German DAX 30	12,313.36	+0.0%	-7.1%	+13.4%	+1.0%	+0.5%	+1.7%	+7.2%
France CAC 40 Total Rtn	13,252.47	-2.6%	-18.4%	+6.2%	-11.4%	+0.9%	+2.0%	+6.4%
Japan Nikkei 225	21,710.00	-2.6%	-8.2%	+7.5%	+0.9%	+2.9%	+1.1%	+8.6%
Hong Kong Hang Seng	24,595.35	+0.7%	-12.8%	-0.2%	-11.5%	-3.4%	-0.0%	+1.6%
MSCI World Accum. Index	6,822.60	+4.8%	-1.3%	+12.8%	+7.2%	+7.5%	+7.5%	+9.6%
MSCI New Zealand	750.35	+5.6%	+13.1%	+22.5%	+23.9%	+13.9%	+16.5%	+13.6%
NZDAUD	0.9281	-0.7%	-3.3%	-1.3%	-3.2%	-0.4%	+0.6%	+1.5%
NZDUSD	0.6629	+2.7%	-1.6%	+8.2%	+1.1%	-4.1%	+0.1%	-0.9%

Source: Forsyth Barr analysis, Bloomberg, 3, 5 & 10 year returns annualised

Figure 15. International returns (NZ\$): July 2020

Market (NZ\$)	Last	Month	Year to Date	3 months	12 months	3 year	5 year	10 year
Aust. S&P/ASX 200 Accum.	65,218.91	+1.2%	-6.9%	+9.2%	-7.0%	+5.8%	+4.6%	+5.8%
Aust. S&P/ASX 200 Indust. Accum.	126,353.60	+0.2%	-8.4%	+7.4%	-8.4%	+3.7%	+3.1%	+7.5%
Aust. S&P/ASX 200 A-REIT Accum.	45,921.02	+1.4%	-18.1%	+7.7%	-20.3%	+2.6%	+2.8%	+7.6%
US S&P 500 Total Rtn	6,709.81	+2.6%	+4.1%	+4.5%	+11.2%	+16.7%	+11.4%	+14.8%
London FTSE 100 Total Rtn	5,559.66	-1.5%	-20.0%	-3.0%	-13.9%	+0.5%	-2.1%	+4.1%
German DAX 30	12,313.36	+1.9%	-0.8%	+13.2%	+6.4%	+4.6%	+3.1%	+7.0%
France CAC 40 Total Rtn	13,252.47	-0.8%	-12.9%	+6.0%	-6.7%	+5.0%	+3.3%	+6.2%
Japan Nikkei 225	21,710.00	-3.6%	-4.2%	+0.6%	+2.8%	+8.7%	+4.2%	+7.3%
Hong Kong Hang Seng	24,595.35	-2.2%	-10.9%	-8.1%	-11.1%	+0.8%	-0.1%	+2.5%
MSCI World Accum. Index	6,822.60	+1.8%	+0.4%	+4.4%	+6.6%	+12.0%	+7.4%	+10.6%
MSCI New Zealand	750.35	+2.6%	+14.9%	+13.4%	+23.2%	+18.6%	+16.4%	+14.6%
NZDAUD	0.9281	-0.7%	-3.3%	-1.3%	-3.2%	-0.4%	+0.6%	+1.5%
NZDUSD	0.6629	+2.7%	-1.6%	+8.2%	+1.1%	-4.1%	+0.1%	-0.9%

Source: Forsyth Barr analysis, Bloomberg, 3, 5 & 10 year returns annualised

Source: Forsyth Barr analysis, Refinitiv

Figure 16. S&P/NZX 50 G w/Imp Index: returns (month) Figure 17. S&P/NZX 50 G w/Imp Index: contribution (month) SUM SPK +0.6% +22% MFT MFT +20% +0.6% MET +15% ATM +0.4% SKL +14% **FPH** +0.3% OCA +14% SUM +0.3% ARV +10% **GMT** +0.2% SPG +10% PCT +0.1% +9% +0.1% GMT MET PCT +9% IFT +0.1% ARG +9% +0.1% RYM IPL ARG +8% +0.1% ARV SPK +8% +0.1% VCT +8% OCA +0.1% SCL +7% VCT +0.1% +7% +0.1% HGH SKC VHP SPG +0.1% +5% PFI +5% MEL +0.1% ZEL ZEL +4% +0.1% NZX PFI +4% +0.0% SKC +4% SKL +0.0% IPL SAN +0.0% +4% +3% VHP +0.0% ATM IFT +3% SCL +0.0% FSF HGH +2% +0.0% **KPG** KPG +0.0% +2% FPH +2% EBO +0.0% RYM +2% +0.0% N7X AIR +2% SAN +0.0% +1% RBD AIR +0.0% +1% MEL FSF +0.0% **KMD** +1% **KMD** +0.0% +1% +0.0% EBO **RBD** POT +0% POT +0.0% -0.0% CNU -0% NZR MCY -1% CNU -0.0% FRE -3% NPH -0.0% NZR -3% THL -0.0% SML -3% ANZ -0.0% AIA -3% SML -0.0% ANZ -3% MCY -0.0% -3% -0.0% NPH **TPW GNE** -4% WBC -0.0% TPW FRE -0.0% -5% WBC -5% SKT -0.0% THL -5% VGL -0.0% -7% -0.1% CEN **GNE** FBU -9% PPH -0.1% PPH -10% -0.2% AIA FBU VGL -12% -0.2% SKT -14% -0.3% -20% -10% +0% +10% +20% +30% -0.50% -0.30% -0.10% 0.10% 0.30% 0.50% 0.70%

Source: Forsyth Barr analysis, Refinitiv

Figure 18. S&P/NZX 50 C Index: July 2020 month

	Company	Price \$	% change	Contribution	No. Shares	Mkt Cap	S&P/NZX 50
		month-end	month	%	(millions)	(\$mil)	Ind'l Wgtg 9
1	F&P Healthcare	36.00	+1.1%	+0.2%	574.63	20,686.72	17.0
2	A2 Corporation	20.84	+3.2%	+0.4%	739.83	15,418.06	12.7
3	Spark NZ	4.93	+8.1%	+0.6%	1,837.05	9,056.63	7.4
1	Auckland Int. Airport	6.38	-2.9%	-0.2%	1,192.77	7,609.85	6.2
5	Meridian Energy	4.86	+1.0%	+0.1%	1,255.74	6,102.92	5.0
6	Ryman Healthcare	13.30	+1.7%	+0.1%	-	-	
7	Contact Energy	5.84	-6.7%	-0.3%	-	-	
8	Mainfreight	46.90	+19.0%	+0.5%	-	-	
9	Infratil	4.83	+2.8%	+0.1%	-	-	
LO		7.46	-0.3%	-0.0%	-	-	
	Mercury NZ	4.67	-0.6%	-0.0%	-	-	
	Ebos Group	21.80	+0.9%	+0.0%	-	-	
L3	· ·	3.38	-8.6%	-0.2%	-	-	
4	Goodman Property Trust	2.22	+9.4%	+0.2%	-	-	
.5	Port of Tauranga	7.70	0.0%	+0.0%	-	-	
6	•	1.72	+9.2%	+0.1%	-	-	
.7	•	7.85	+21.5%	+0.3%	-	-	
18	. , .	1.07	+1.9%	+0.0%	-	-	
9		2.49	+4.2%	+0.1%	-	-	
20	Pushpay Holdings	7.94	-9.7%	-0.1%	-	-	
21	0,	2.91	-4.0%	-0.1%	-	-	
	Z Energy	2.82	+4.4%	+0.1%	-	-	
23	. , ,	2.46	+4.9%	+0.0%	-	-	
4	0 ,	7.01	-2.5%	-0.0%	-	-	
25	Argosy Property	1.27	+9.0%	+0.1%	-	-	
	Metlifecare	5.91 3.89	+15.0% +8.1%	+0.1%	-	-	
	Vector			+0.1%	-	-	
28 20	• ,	2.62	+5.0% +10.3%	+0.0% +0.1%	-	-	
29 30	•	1.60 1.14	+10.3%	+0.1%	-	-	
	Air New Zealand	1.14	+0.9%	+0.0%	-	-	
32		1.95	+10.2%	+0.0%	-	-	
33		1.31	+6.5%	+0.1%	-	-	
34	Scales Corporation	5.25	+7.1%	+0.0%	-	-	
	Oceania Healthcare	1.01	+12.2%	+0.0%	-	-	
	Investore	1.99	+8.2%	+0.0%	_		
	Synlait Milk	6.90	-2.8%	-0.0%	_	_	
	Westpac	18.46	-4.8%	-0.0%	_		
	TrustPower	6.62	-4.7%	-0.0%	_	_	
Ю		2.44	+14.0%	+0.0%	_	_	
11	-	6.50	+3.5%	+0.0%	_	_	
	ANZ	19.50	-3.2%	-0.0%	_	_	
	NZX	1.46	+4.3%	+0.0%	_	-	
14		3.82	+2.1%	+0.0%	_	-	
 15	Restaurant Brands	11.95	+1.2%	+0.0%	_	_	
16		3.48	-3.3%	-0.0%	_	_	
ŀ7	•	1.28	-11.7%	-0.0%	_	_	
18	Tourism Holdings	1.88	-5.1%	-0.0%	-	-	
19	Sky Network Television	0.13	-14.0%	-0.0%	-	-	
	NZ Refining	0.71	-2.7%	-0.0%	-	-	
			Market Capital			\$121,239.75	10
				S&P/NZX 50 C Ind	ΩV	4966.11	+2.319

Source: Forsyth Barr analysis, IRESS, S&P DJI. S&P DJI limit the publication of index weights to 10% of the constituents of any S&P/NZX index. Individual returns calculated as the product of the monthly % change ie. (last price + gross div)/base price. Price returns, dividend and contribution reflects the time period that the stock was a member of the index.

Figure 19. S&P/NZX 50 G Index: July 2020 month

	Company	Price \$ month-end	Gross Div. \$	% change month	Contribution %	No. Shares (millions)	Mkt Cap. (\$mil)	S&P/NZX 50 Ind'l Wgtg %
1	F&P Healthcare	36.00	0.1550	+1.56%	+0.3%	574.63	20,686.72	17.06
2	A2 Corporation	20.84		+3.22%	+0.4%	739.83	15,418.06	12.72
3	Spark NZ	4.93		+8.11%	+0.6%	1,837.05	9,056.63	7.47
4	Auckland Int. Airport	6.38		-2.89%	-0.2%	1,192.77	7,609.85	6.28
5	Meridian Energy	4.86		+1.04%	+0.1%	1,255.74	6,102.92	5.03
6	Ryman Healthcare	13.30		+1.68%	+0.1%	-	-	-
7	Contact Energy	5.84		-6.71%	-0.3%	-	-	-
8	Mainfreight	46.90	0.3400	+19.99%	+0.6%	-	-	-
9	Infratil	4.83		+2.77%	+0.1%	-	-	-
10	Chorus	7.46		-0.27%	-0.0%	-	-	-
11	Mercury NZ	4.67		-0.64%	-0.0%	-	-	-
12	Ebos Group	21.80		+0.88%	+0.0%	-	-	-
13	Fletcher Building	3.38		-8.65%	-0.2%	-	-	-
14	Goodman Property Trust	2.22		+9.36%	+0.2%	-	-	-
15	Port of Tauranga	7.70		0.00%	+0.0%	-	-	-
16	Precinct Properties NZ	1.72		+9.24%	+0.1%	-	-	-
17	Summerset Group	7.85		+21.52%	+0.3%	-	-	-
18	Kiwi Property Group	1.07		+1.90%	+0.0%	-	-	-
19	SKYCITY	2.49		+4.18%	+0.1%	-	-	-
20	Pushpay Holdings	7.94		-9.67%	-0.1%	-	-	-
21	Genesis Energy	2.91		-3.96%	-0.1%	-	-	-
22	Z Energy	2.82		+4.44%	+0.1%	-	-	-
23	Property for Industry	2.46		+4.90%	+0.0%	-	-	-
24	Freightways	7.01		-2.50%	-0.0%	-	-	-
25	Argosy Property	1.27		+9.01%	+0.1%	-	-	-
26	Metlifecare	5.91		+14.98%	+0.1%	-	-	-
27	Vector	3.89		+8.06%	+0.1%	-	-	-
28	Vital Healthcare Property Trust	2.62		+5.01%	+0.0%	-	-	-
29	Arvida Group	1.60		+10.34%	+0.1%	-	-	-
30	Kathmandu	1.14		+0.88%	+0.0%	-	-	-
31	Air New Zealand	1.34		+1.52%	+0.0%	-	-	-
32	Stride Property Group	1.95		+10.17%	+0.1%	-	-	-
33	Heartland Bank	1.31		+6.50%	+0.0%	-	-	-
34	Scales Corporation	5.25		+7.14%	+0.0%	-	-	-
35	Oceania Healthcare	1.01	0.0120	+13.56%	+0.1%	-	-	-
36	Investore	1.99		+8.15%	+0.0%	-	-	-
37	Synlait Milk	6.90		-2.82%	-0.0%	-	-	-
38	Westpac	18.46		-4.85%	-0.0%	-	-	-
39	TrustPower	6.62		-4.75%	-0.0%	-	-	-
40	Skellerup Holdings	2.44		+14.02%	+0.0%	-	-	-
41	Sanford	6.50		+3.50%	+0.0%	-	-	-
42	ANZ	19.50		-3.23%	-0.0%	-	-	-
43	NZX	1.46		+4.29%	+0.0%	-	-	-
44	Fonterra Shareholders Fund	3.82		+2.14%	+0.0%	-	-	-
45	Restaurant Brands	11.95		+1.19%	+0.0%	-	-	-
46	Napier Port	3.48		-3.33%	-0.0%	-	-	-
47	Vista Group	1.28		-11.72%	-0.0%	-	-	-
48	Tourism Holdings	1.88		-5.05%	-0.0%	-	-	-
49	Sky Network Television	0.13		-14.00%	-0.0%	-	-	-
50	NZ Refining	0.71		-2.74%	-0.0%	-	-	-
	-				Market Capital		\$121,239.75	100
					Accumulated Dividend		\$125.21	
					CCD/NIZV 50 C Inda		11707 40	10 400/
					&P/NZX 50 G Index &P/NZX 50 G Portfolio	a Indov	11727.63	+2.42%
				٥	0017/19ZA JU G PULLON	J IIIUCX	6720.03	+2.54%

Source: Forsyth Barr analysis, IRESS, S&P DJI. S&P DJI limit the publication of index weights to 10% of the constituents of any S&P/NZX index. Individual returns calculated as the product of the monthly % change ie. (last price + gross div)/base price. Price returns, dividend and contribution reflects the time period that the stock was a member of the index.

Figure 20. S&P/NZX 50 G w/Imp Index: July 2020 month

	Company	Price \$ month-end	Gross Div w/Imp (\$)	% change month	Contribution %	No. Shares (millions)	Mkt Cap (\$mil)	S&P/NZX 50 Ind'l Wgtg %
1	F&P Healthcare	36.00	0.2153	+1.7%	+0.3%	574.63	20,686.72	17.06
2	A2 Corporation	20.84		+3.2%	+0.4%	739.83	15,418.06	12.72
3	Spark NZ	4.93		+8.1%	+0.6%	1,837.05	9,056.63	7.47
4	Auckland Int. Airport	6.38		-2.9%	-0.2%	1,192.77	7,609.85	6.28
5	Meridian Energy	4.86		+1.0%	+0.1%	1,255.74		5.03
6	Ryman Healthcare	13.30		+1.7%	+0.1%	_	_	
7	Contact Energy	5.84		-6.7%	-0.3%	-	_	
8	Mainfreight	46.90	0.4722	+20.4%	+0.6%	_	_	
9	Infratil	4.83	01.722	+2.8%	+0.1%	_	_	
10	Chorus	7.46		-0.3%	-0.0%	_	_	
11	Mercury NZ	4.67		-0.6%	-0.0%	_	_	
12	Ebos Group	21.80		+0.9%	+0.0%	_	_	
13	Fletcher Building	3.38		-8.6%	-0.2%	_	_	
14	Goodman Property Trust	2.22		+9.4%	+0.2%	_	_	
15	Port of Tauranga	7.70		0.0%	+0.0%	_	_	
16	Precinct Properties NZ	1.72		+9.2%	+0.1%	_	_	
17	Summerset Group	7.85		+21.5%	+0.3%	_	_	
18	Kiwi Property Group	1.07		+1.9%	+0.0%	_	_	
19	SKYCITY	2.49		+4.2%	+0.1%	_	_	
20	Pushpay Holdings	7.94		-9.7%	-0.1%	_	_	
						-	-	
21	Genesis Energy	2.91		-4.0%	-0.1%	-	-	
22	Z Energy	2.82		+4.4%	+0.1%	-	-	
23	Property for Industry	2.46		+4.9%	+0.0%	-	-	
24	Freightways	7.01		-2.5%	-0.0%	-	-	,
25	Argosy Property	1.27		+9.0%	+0.1%	-	-	
26	Metlifecare	5.91		+15.0%	+0.1%	-	-	
27	Vector	3.89		+8.1%	+0.1%	-	-	
28	Vital Healthcare Property Trust	2.62		+5.0%	+0.0%	-	-	
29	Arvida Group	1.60		+10.3%	+0.1%	-	-	
30	Kathmandu	1.14		+0.9%	+0.0%	-	-	
31	Air New Zealand	1.34		+1.5%	+0.0%	-	-	
32	Stride Property Group	1.95		+10.2%	+0.1%	-	-	
33	Heartland Bank	1.31		+6.5%	+0.0%	-	-	
34	Scales Corporation	5.25		+7.1%	+0.0%	-	-	-
35	Oceania Healthcare	1.01	0.0120	+13.6%	+0.1%	-	-	
36	Investore	1.99		+8.2%	+0.0%	-	-	
37	Synlait Milk	6.90		-2.8%	-0.0%	-	-	
38	Westpac	18.46		-4.8%	-0.0%	-	-	
39	TrustPower	6.62		-4.7%	-0.0%	-	-	-
40	Skellerup Holdings	2.44		+14.0%	+0.0%	-	-	-
41	Sanford	6.50		+3.5%	+0.0%	-	-	
42	ANZ	19.50		-3.2%	-0.0%	-	-	
43	NZX	1.46		+4.3%	+0.0%	-	-	
44	Fonterra Shareholders Fund	3.82		+2.1%	+0.0%	-	-	
45	Restaurant Brands	11.95		+1.2%	+0.0%	-	-	
46	Napier Port	3.48		-3.3%	-0.0%	-	-	
47	Vista Group	1.28		-11.7%	-0.0%	-	-	
48	Tourism Holdings	1.88		-5.1%	-0.0%	-	-	
49	Sky Network Television	0.13		-14.0%	-0.0%	-	-	
50	NZ Refining	0.71		-2.7%	-0.0%	_	_	
		0., 1		Market Capital			\$121,239.75	100
				Accumulated Dividend			\$171.03	100
				S&P/NZX 50 G w/Imp Index			14309.58	+2.45%
					S&P/NZX 50 G w/Imp Po		8055.92	+2.45%
					OCI / INZ/X 30 G W/ IIIIP PO	LIONO MUEX	0033.72	+∠.50%

Source: Forsyth Barr analysis, IRESS, S&P DJI. S&P DJI limit the publication of index weights to 10% of the constituents of any S&P/NZX index. Individual returns calculated as the product of the monthly % change ie. (last price + gross div)/base price. Price returns, dividend and contribution reflects the time period that the stock was a member of the index.

Not personalised financial advice: The recommendations and opinions in this publication do not take into account your personal financial situation or investment goals. The financial products referred to in this publication may not be suitable for you. If you wish to receive personalised financial advice, please contact your Forsyth Barr Investment Advisor. The value of financial products may go up and down and investors may not get back the full (or any) amount invested. Past performance is not necessarily indicative of future performance. Disclosure statements for Forsyth Barr Investment Advisors are available on request and free of charge.

**Disclosure:** Forsyth Barr Limited and its related companies (and their respective directors, officers, agents and employees) ("**Forsyth Barr"**) may have long or short positions or otherwise have interests in the financial products referred to in this publication, and may be directors or officers of, and/or provide (or be intending to provide) investment banking or other services to, the issuer of those financial products (and may receive fees for so acting). Forsyth Barr is not a registered bank within the meaning of the Reserve Bank of New Zealand Act 1989. Forsyth Barr may buy or sell financial products as principal or agent, and in doing so may undertake transactions that are not consistent with any recommendations contained in this publication. Forsyth Barr confirms no inducement has been accepted from the researched entity, whether pecuniary or otherwise, in connection with making any recommendation contained in this publication.

Analyst Disclosure Statement: In preparing this publication the analyst(s) may or may not have a threshold interest in the financial products referred to in this publication. For these purposes a threshold interest is defined as being a holder of more than \$50,000 in value or 1% of the financial products on issue, whichever is the lesser. In preparing this publication, non-financial assistance (for example, access to staff or information) may have been provided by the entity being researched.

Disclaimer: This publication has been prepared in good faith based on information obtained from sources believed to be reliable and accurate. However, that information has not been independently verified or investigated by Forsyth Barr. Forsyth Barr does not make any representation or warranty (express or implied) that the information in this publication is accurate or complete, and, to the maximum extent permitted by law, excludes and disclaims any liability (including in negligence) for any loss which may be incurred by any person acting or relying upon any information, analysis, opinion or recommendation in this publication. Forsyth Barr does not undertake to keep current this publication; any opinions or recommendations may change without notice. Any analyses or valuations will typically be based on numerous assumptions; different assumptions may yield materially different results. Nothing in this publication should be construed as a solicitation to buy or sell any financial product, or to engage in or refrain from doing so, or to engage in any other transaction. Other Forsyth Barr business units may hold views different from those in this publication; any such views will generally not be brought to your attention. This publication is not intended to be distributed or made available to any person in any jurisdiction where doing so would constitute a breach of any applicable laws or regulations or would subject Forsyth Barr to any registration or licensing requirement within such jurisdiction.

**Terms of use:** Copyright Forsyth Barr Limited. You may not redistribute, copy, revise, amend, create a derivative work from, extract data from, or otherwise commercially exploit this publication in any way. By accessing this publication via an electronic platform, you agree that the platform provider may provide Forsyth Barr with information on your readership of the publications available through that platform.