NEW ZEALAND QUANTITATIVE RESEARCH
31 JANUARY 2021

A Month in the Market January 2021

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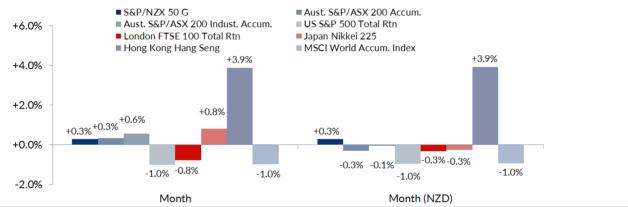
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The S&P/NZX 50 G started 2021 with a $\pm 0.3\%$ return in January, to bring the 12 month return to $\pm 12.0\%$. The S&P/NZX 50 Portfolio G (which caps constituent weightings at 5%) fared worse, rising just $\pm 0.1\%$ for the month. Thematically, the market return was led by Cyclical stocks while Structural Growth stocks lagged. The highest sector return was Financials up $\pm 0.3\%$, followed by Materials up $\pm 0.3\%$. Energy performed the worst, returning $\pm 0.3\%$ in January. Off-shore markets, S&P/ASX200 Accum, S&P500 TR and FTSE100 TR returned $\pm 0.3\%$, $\pm 0.3\%$ respectively (local currency).

Figure 1. International Returns, January 2021 (Local and NZD)



Source: Forsyth Barr analysis, Bloomberg

Movers and shakers

The month of January finished with 27 positive returns and 23 negative returns and an overall range of 25.5%. Top performers for the month included HGH (+12.0%), TPW (+10.1%) and FRE (+9.3%), whilst THL (-13.5%), AIR (-11.7%) and PEB (-11.5%) performed the worst. The main (positive) contributors to the index were FPH, MCY and FBU with CEN, ATM and MEL providing the largest negative contributions for the month.

Figure 2. Index and Sector Movements

S&P/NZX Indices	Close	1mth Return	3mth Return
50 Gross	13,127.29	+0.3%	+8.6%
50 Portfolio Gross	8,156.74	+0.1%	+12.1%
Large Caps Gross	13,305.04	-0.1%	+8.4%
Mid-Caps Gross	35,451.98	+0.8%	+8.6%
Small Caps Gross	84,383.80	+0.8%	+16.9%
All Real Estate Gross	1,888.06	-0.3%	+2.2%

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	+3.2%	+6.1%	+1.6%	-2.8%	+5.6%	+6.1%	
Consensus	-0.8%	+2.2%	-1.6%	-0.1%	+0.1%	+3.7%	
Difference	+4.0%	+3.9%	+3.2%	-2.7%	+5.5%	+2.4%	

Source: Forsyth Barr analysis, Bloomberg

Figure 4. Company headlines

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Code	Date	Total Return	Headline
AIR	19/01/2021	-11.7%	Air New Zealand will continue to run its much-reduced international schedule until the end of June.
ATM	28/01/2021	-4.4%	A2 Milk's chief growth and brand officer Susan Massasso announced her last day will be April 15, but will stay on in an advisory
	00/04/0004	0.707	capacity.
FSF	20/01/2021	+3.7%	Fonterra could lift its forecast payout after global dairy prices continued a string of increases.
IFT	5/01/2021	-1.4%	$In fratil\ disclosed\ a\ huge\ increase\ in\ fees\ payable\ to\ its\ manager\ Morrison\ \&\ Co\ based\ on\ the\ success\ of\ its\ data\ centre\ investment.$
IFT	25/01/2021	-1.4%	Infratil may be facing a second acquisition approach, with speculation of Aussie fund manager IFM Investors preparing a play for
			the company.
IFT	27/01/2021	-1.4%	Infratil chief executive Marko Bogoievski joined digital-first healthcare provider Tend Health as a director/shareholder as part of a capital raise.
MCY	21/01/2021	+9.1%	Mercury's boss Vince Hawksworth brought in the new year with changes to his leadership team at the listed power company.
	22/01/2021	+9.1%	Mercury NZ ratcheted up its full-year earnings guidance by NZ\$30m as it anticipates better hydro generation by the end of June.
	18/01/2021		A new power deal will prolong Tiwai Point aluminium smelter's closure by four years but Meridian Energy made clear it sees it as
IVIEL	16/01/2021	-3.0%	an exit agreement.
NZX	28/01/2021	+4.6%	The Financial Markets Authority found NZX breached its licence obligations in a series of technology failures during 2020.
OCA	22/01/2021	+9.0%	$Oceania\ Health care's\ first-half\ profit\ was\ up\ by\ +66.4\%\ for\ the\ six\ months\ to\ November\ 30, as\ occupational\ rights\ sales\ increased.$
PPH	12/01/2021	-8.8%	Pushpay ended its search for a new chief executive following the promotion of chief customer officer Molly Matthews.
RBD	13/01/2021	+1.7%	Tahua Capital announced three new cafe openings in the second half of the year after reopening its Queen St cafe in December.
SKC	25/01/2021	-5.0%	SkyCity said its search for a new chief financial officer is ongoing after the deputy CFO resigned in mid January.
SKC	27/01/2021	-5.0%	SkyCity made three internal leadership team appointments following a mass exodus of executives in November.
SUM	11/01/2021	-3.0%	Summerset had its strongest ever quarter of sales and is boasting a strong pipeline for the start of 2021.
TPW	28/01/2021	+10.1%	TrustPower is reviewing whether to separate itself into retail and generation businesses, suggesting it is interested in selling its
			retail arm.
ZEL	20/01/2021	-7.8%	A 'solid' third quarter boosted Z Energy's chances at earning between NZ\$235m and NZ\$265m by its financial year end.
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Source: Forsyth Barr analysis, NBR

Figure 5. Economic headlines

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Date	Headline
11/01/2021	The Reserve Bank named US cloud company Accellion as the file sharing service it used to share and store sensitive information that was breached.
13/01/2021	NZ Functional Foods announced it will build a carbon neutral factory to produce plant-based products such as oat milk in Makarewa, Southland.
14/01/2021	Paul Manning Helius Therapeutics stepped aside from his chief executife position and will consult to the company for the next two years.
14/01/2021	2000SouthlandjobslooksafeforfouryearsafteroperationsattheNewZealandAluminiumSmelterwasextendeduntiltheendof2024.
15/01/2021	The Reserve Bank claimed the file sharing service provider of which one of its data systems was breached "fell short of our agreement".
20/01/2021	Industry figures suggest wine exporters could be in for a boom year, especially those who can quench the thirst of locked-down drinkers.
21/01/2021	Vocus Group is moving ahead with a planned IPO of shares in Vocus New Zealand, which it hopes will value the business at about A\$700m.
26/01/2021	Pic's Peanut Butter kicked off a project to look at the feasibility of growing peanuts commercially in Northland.
26/01/2021	Tend rose NZ\$15m through a closed capital funding round to finance the next stage of its growth.
26/01/2021	The Hotel Council Aotearoa said the tourism sector is bleeding money as COVID-19 continues to push hotel occupancy below break-even levels.
26/01/2021	Banks were slow to take up cheap funding under the Reserve Bank's Funding For Lending programme, borrowing only NZ\$1b compared to \$9b in
	mortgage lending done in November
27/01/2021	New Zealand's sigling labby is calling for the government to extend a property actions to the aviotic process.

27/01/2021 New Zealand's airline lobby is calling for the government to extend support packages to the aviation sector.

28/01/2021 Orbis Diagnostics could see its tech integrated on a massive scale to bring international travel back in a post-vaccine environment.

Source: Forsyth Barr analysis, NBR

Figure 6. Forsyth Barr ratings changes

Code	Indicator	Rating	Previous Rating	Date	Comment
CEN	▼	NEUTRAL	OUTPERFORM	21/01/2021	Following CEN's $+19\%$ share price increase over the past month, we are downgrading our rating to NEUTRAL from OUTPERFORM. The $+NZ\$0.50$ increase in our target price to NZ $\$9.10$ is insufficient to prevent the rating downgrade.

Source: Forsyth Barr analysis

Figure 7. Forsyth Barr target price and earnings changes

	Target Price Changes	Forecast Year 1	Forecast Year 2		
Upgrade ▲	10	9	11		
Downgrade ▼	2	4	1		

Source: Forsyth Barr analysis

Figure 8. Forsyth Barr target price and earnings changes

Code	Target Price Change	Earnings Changes	Comment
CEN	▲ NZ\$9.10 (from NZ\$8.60)	EBITDA: ▼ FY21 -1.6%, ▲ FY22 +15.6%	\ensuremath{NZAS} remains. CEN is one of the two companies providing discounted electricity to
			NZAS. With the new electricity price taking effect immediately (14 January), we are
			lowering our FY21 EBITDAF forecast -NZ\$7m to NZ\$456m. We anticipate
			earnings to remain around this level until after Tauhara is built.
FPH	▲ NZ\$33.00 (from NZ\$32.50)	NPAT: ▲ FY21 +24.5%, ▲ FY22 +6.5%	Positive COVID impact. The key changes to our earnings revisions are as follows: 1)
			we lift our COVID-19 hospitalisation assumptions in FY21E and 1H22E, 2) increase
			short-term Hospital hardware revenue expectations, 3) modest lift in dividend
			payout and 4) updated FX assumptions.
GNE	▲ NZ\$4.00 (from NZ\$3.38)	EBITDA: ▲ FY21 +1.2%, ▲ FY22 +13.1%	NZAS remains. In our view GNE is the main benefactor from NZAS remaining open
			until at least 31 December 2024. It has the largest mass market retail customer
			base which will no longer be targeted by Meridian Energy (MEL) and was long gas
			(until the Kupe contract ends in 2024). These are no longer issues, hence the
			material forecast uplift.
HGH	▲ NZ\$1.61 (from NZ\$1.41)	NPAT: ▲ FY21 +19.4%, ▲ FY22 +7.3%	Improving macro. We update our earnings forecasts in light of the improving
			macroeconomic conditions, reducing forecast impairment expenses for FY21-
			FY23. We also reduce our cost to income ratio, with the company guiding that its
			FY21 cost to income ratio is likely to be lower than our previous forecasts.
MCY	▲ NZ\$6.00 (from NZ\$5.37)	EBITDA:▲ FY21 +7.3%, ▲ FY22 +15.2%	Guidance upgrade. We recently increased our EBITDAF forecast +NZ\$10m to
			NZ\$511m. Whilst we were right directionally, the magnitude of the upgrade is more
			than anticipated. Having gone through a dry sequence earlier in FY21, MCY will be
			able to sell the extra hydro generation at high wholesale electricity prices
MEL	▲ NZ\$5.55 (from NZ\$5.50)	EBITDA: ▼ FY21 -7.3%, ▲ FY22 +9.6%	NZAS remains. MEL is providing the bulk of the discounted power to NZAS from 14
			January 2021 onwards. We estimate the FY21 impact is ~- NZ\$38m, with the
			slightly higher decline due to the dry conditions being experienced in the South
			Island at present. However, like all of the electricity stocks, we are lifting our
			medium-term forecasts.
MHJ	▲ NZ\$0.80 (from NZ\$0.68)	EBIT: ▲ FY21 +1.9%, ▲ FY22 +7.9%	Increase gross margin. The change to FY21 EBIT is on the back of updated half year
			guidance, as we increase our gross margin assumptions and lower operating costs,
			driving significant operating leverage. Operating cost gains are primarily driven by
			company specific factors and are therefore more likely to be enduring.
NZX	▲ NZ\$2.25 (from NZ\$2.08)	NPAT: ▲ FY20 +1.1%, ▲ FY21 +2.2%	Outperformance against targets. We update our FY20 forecast numbers ahead of
			NZX's full year results on 17 February. The predominant driver to raised forecasts is
			the monthly operating statistics which show an outperformance across the business
			against NZX targets set at the beginning of the year for Capital Raised, Value
			Traded, FUM growth and total FUA in the Wealth Technologies business.
OCA	▲ NZ\$1.70 (from NZ\$1.65)	NPAT: ▲ FY21 +0.5%, ▲ FY22 +2.2%	Higher resale gains. The small increase in annuity EBITDA is driven predominately
			by higher resales gains. Underlying earnings are largely unchanged (higher resale
			gains are offset by slightly higher depreciation & amortisation and lower new sale
			gains).

Source: Forsyth Barr analysis

Figure 9. Forsyth Barr target price and earnings changes cont.

Code	Target Price Change	Earnings Changes	Comment
PPH	▼ NZ\$1.75 (from NZ\$2.31)	EBITDA: ▲ FY21 +3.1%, ▲ FY22 +0.9%	Increased digital penetration. We increase our forecast digital penetration for
			FY21 reflecting our understanding of the timing of physical church closures in the
			US. We expect the majority of US churches to be predominantly operating online
			for the entirety of 2H21, with minimal physical re-opening diluting digital
			donations.
TPW	▲ NZ\$8.10 (from NZ\$7.50)	EBITDA: ▼ FY21 -1.9%, ▲ FY22 +11.2%	NZAS remains. TPW's main exposure to NZAS closing was the indirect effects of
			lower wholesale electricity prices flowing into retail prices. That downside risk is no
			longer there and with wholesale electricity prices remaining high, retail prices are
			more likely to increase than decrease
WHS	n/a	NPAT: ▲ FY21 +167.9%, FY22 nc	Guidance upgrade. WHS has updated its 1H21 earnings guidance, indicating it
			expects underlying NPAT to be in excess of NZ $\$90$ m, up c. $+30\%$ on its prior
			guidance commentary in December 2020.
ZEL	▼ NZ\$4.30 (from NZ\$4.35)	EBITDA: ▼ FY21 -1.1%, ▼ FY22 -2.4%	Operating stats. Following the 3Q21 operating statistics we have made three key
			forecast changes, two positive, one negative: 1) increased retail and commercial
			diesel volumes. Retail and commercial diesel are the highest margin fuel categories;
			2) increase non-fuel (convenience store) sales; 3) lowered our 2H21 retail margin
			assumption.

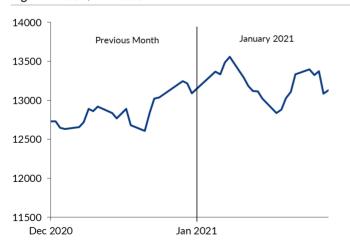
Source: Forsyth Barr analysis

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

Code	Name	Shareholder Name	Initial Holding	Holding after Change	Change
APL	Asset Plus	Salt Funds Management	14.37%	13.29%	-1.09%
ATM	a2 Milk Company	Mitsubishi UFJ Financial Group	7.45%	8.53%	+1.07%
ARV	Arvida	Milford	n/a	5.01%	n/a
		Morgan Stanley	n/a	5.01%	n/a
CEN	Contact Energy	BlackRock Investment Management	12.20%	13.35%	+1.15%
		BlackRock Investment Management	13.35%	14.35%	+1.00%
KMD	Kathmandu Holdings	New Zealand Superannuation Fund	n/a	5.00%	n/a
MEL	Meridian Energy	BlackRock Investment Management	6.08%	7.09%	+1.01%
MHJ	Michael Hill International	ACC	6.36%	7.41%	+1.05%
NZX	NZX	ACC	5.29%	4.98%	-0.31%
PCT	Precinct Properties New Zealan	Harbour Asset Management & Jarden Securities Limited	5.12%	4.98%	-0.14%
PPH	Pushpay Holdings	Harbour Asset Management & Jarden Securities Limited	n/a	5.10%	n/a
VGL	Vista Group International	Harbour Asset Management & Jarden Securities Limited	5.61%	4.93%	-0.68%

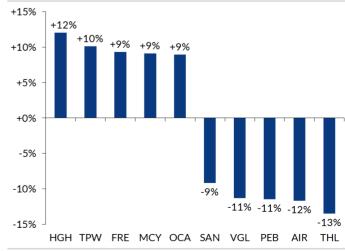
Source: Forsyth Barr analysis, NZX. Note: based on SPH notices only.

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, Refinitiv

Figure 13. Benchmark and sector movements

S&P/NZX Indices	Last	Month	Year to Date	3 Months	12 Months	3 year	5 year	10 year
50 Gross	13,127.29	+0.3%	+0.3%	+8.6%	+12.0%	+15.9%	+16.3%	+14.7%
50 Portfolio Gross	8,156.74	+0.1%	+0.1%	+12.1%	+12.9%	+15.8%	+16.3%	+15.0%
Large Caps Gross	13,305.04	-0.1%	-0.1%	+8.4%	+15.4%	+18.3%	+16.9%	+14.4%
Mid-Caps Gross	35,451.98	+0.8%	+0.8%	+8.6%	+7.6%	+13.0%	+15.6%	+16.2%
Small Caps Gross	84,383.80	+0.8%	+0.8%	+16.9%	+27.2%	+12.7%	+17.0%	+14.5%
All Consumer Discretionary Gross	1,196.34	-1.3%	-1.3%	+12.9%	-9.4%	+3.6%	+3.9%	+5.5%
All Consumer Staples Gross	4,540.15	-4.0%	-4.0%	-17.3%	-20.3%	+3.4%	+22.8%	+20.3%
All Energy Gross	575.50	-8.2%	-8.2%	+2.3%	-38.2%	-25.3%	-13.4%	-3.6%
All Financials Gross	1,379.80	+7.3%	+7.3%	+29.2%	+14.9%	+0.3%	+5.2%	+8.2%
All Health Care Gross	3,422.25	+2.8%	+2.8%	+5.3%	+30.9%	+27.8%	+25.2%	+24.3%
All Index Gross	14,290.87	+0.2%	+0.2%	+8.8%	+12.7%	+15.9%	+16.6%	+15.5%
All Industrials Gross	2,183.60	-1.1%	-1.1%	+13.3%	+4.5%	+11.7%	+14.4%	+17.2%
All Information Technology Gross	1,909.66	-4.3%	-4.3%	-10.1%	+13.8%	+8.3%	+15.5%	+21.6%
All Materials Gross	907.01	+5.2%	+5.2%	+51.0%	+11.5%	-4.9%	+0.9%	+1.7%
All Real Estate Gross	1,888.06	-0.3%	-0.3%	+2.2%	+1.7%	+15.1%	+11.6%	+13.1%
All Communication Services Gross	2,447.54	+3.4%	+3.4%	+5.0%	+13.6%	+17.5%	+14.7%	+14.7%
All Utilities Gross	3,066.29	-1.2%	-1.2%	+26.8%	+32.9%	+30.8%	+24.6%	+16.5%

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

Figure 14. International returns (local currency)

Market (local returns)	Last	Month	Year to Date	3 months	12 months	3 year	5 year	10 year
Aust. S&P/ASX 200 Accum.	73,688.30	+0.3%	+0.3%	+11.9%	-3.1%	+7.0%	+10.0%	+7.9%
Aust. S&P/ASX 200 Indust. Accum.	143,049.10	+0.6%	+0.6%	+10.2%	-5.5%	+5.9%	+7.7%	+9.8%
Aust. S&P/ASX 200 A-REIT Accum.	53,046.86	-4.1%	-4.1%	+9.1%	-14.0%	+5.1%	+5.9%	+10.3%
US S&P 500 Total Rtn	7,681.01	-1.0%	-1.0%	+14.0%	+17.2%	+11.7%	+16.2%	+13.5%
London FTSE 100 Total Rtn	6,126.19	-0.8%	-0.8%	+15.5%	-9.2%	-1.4%	+5.1%	+4.8%
German DAX 30	13,432.87	-2.1%	-2.1%	+16.2%	+3.5%	+0.6%	+6.5%	+6.6%
France CAC 40 Total Rtn	15,034.98	-2.6%	-2.6%	+17.9%	-4.8%	+2.5%	+7.4%	+6.6%
Japan Nikkei 225	27,663.39	+0.8%	+0.8%	+20.4%	+19.2%	+6.2%	+9.6%	+10.5%
Hong Kong Hang Seng	28,283.71	+3.9%	+3.9%	+17.3%	+7.5%	-4.9%	+7.5%	+1.9%
MSCI World Accum. Index	7,928.88	-1.0%	-1.0%	+16.4%	+15.5%	+8.3%	+13.4%	+9.5%
MSCI New Zealand	805.98	+1.3%	+1.3%	+14.1%	+22.3%	+15.8%	+18.3%	+12.4%
NZDAUD	0.9412	+0.8%	+0.8%	+0.0%	-2.6%	+1.0%	+0.6%	+2.0%
NZDUSD	0.7193	+0.1%	+0.1%	+8.7%	+11.3%	-0.8%	+2.1%	-0.7%

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

Figure 15. International returns (NZ\$)

Market (NZ\$)	Last	Month	Year to Date	3 months	12 months	3 year	5 year	10 year
Aust. S&P/ASX 200 Accum.	73,688.30	-0.3%	-0.3%	+12.0%	-0.5%	+6.0%	+9.4%	+5.8%
Aust. S&P/ASX 200 Indust. Accum.	143,049.10	-0.1%	-0.1%	+10.3%	-2.9%	+4.9%	+7.1%	+7.7%
Aust. S&P/ASX 200 A-REIT Accum.	53,046.86	-4.7%	-4.7%	+9.2%	-11.6%	+4.2%	+5.3%	+8.2%
US S&P 500 Total Rtn	7,681.01	-1.0%	-1.0%	+4.8%	+5.5%	+12.6%	+13.8%	+14.3%
London FTSE 100 Total Rtn	6,126.19	-0.3%	-0.3%	+12.4%	-15.1%	-1.7%	+2.2%	+3.9%
German DAX 30	13,432.87	-3.0%	-3.0%	+11.3%	+2.0%	+0.7%	+6.7%	+6.1%
France CAC 40 Total Rtn	15,034.98	-3.3%	-3.3%	+12.9%	-6.2%	+2.5%	+7.6%	+6.1%
Japan Nikkei 225	27,663.39	-0.3%	-0.3%	+10.6%	+11.1%	+8.6%	+10.4%	+8.6%
Hong Kong Hang Seng	28,283.71	+3.9%	+3.9%	+7.9%	-3.1%	-3.8%	+5.4%	+2.7%
MSCI World Accum. Index	7,928.88	-1.0%	-1.0%	+7.0%	+3.9%	+9.2%	+11.0%	+10.3%
MSCI New Zealand	805.98	+1.3%	+1.3%	+4.9%	+10.1%	+16.8%	+15.9%	+13.2%
NZDAUD	0.9412	+0.8%	+0.8%	+0.0%	-2.6%	+1.0%	+0.6%	+2.0%
NZDUSD	0.7193	+0.1%	+0.1%	+8.7%	+11.3%	-0.8%	+2.1%	-0.7%

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

Figure 17. S&P/NZX 50 G w/Imp Index: contribution (month) Figure 16. S&P/NZX 50 G w/Imp Index: returns (month) HGH FPH +12.0% +0.7% TPW +10.1% MCY +0.3% FRE +9.3% FBU +0.2% MCY +9.1% CNU +0.2% OCA +9.0% SPK +0.1% +8.1% +0.1% GNE RYM **WBC** +7.9% FRE +0.1% SKL +6.6% **GNE** +0.1% CNU +6.6% **KPG** +0.1% **KPG** +5.7% HGH +0.1% **FBU** +5.4% OCA +0.1% **FPH** +5.1% **TPW** +0.0% NZX +4.6% WBC +0.0% FSF +3.7% SKL +0.0% ANZ +3.5% POT +0.0% RYM +2.4% NZX +0.0% IPL +2.3% +0.0% ANZ SPK +2.1% FSF +0.0% POT +1.9% IPL +0.0% SKT +1.9% VCT +0.0% RBD +1.7% RBD +0.0% VCT +1.2% **KMD** +0.0% **KMD** +0.8% SKT +0.0% SCL +0.6% SPG +0.0% SPG +0.4% +0.0% SCI VHP +0.2% VHP +0.0% ARV +0.0% ARV +0.0% EBO -0.3% NPH -0.0% PFI -0.7% SKO -0.0% IFT -1.4% -0.0% PFI -1.4% SKO **EBO** -0.0% NPH -1.5% PCT -0.0% -1.7% AIA ARG -0.0% -2.0% PCT SAN -0.0% ARG -2.8% THL -0.0% -2.9% MFT SMI -0.0% **GMT** -3.0% VGL -0.0% SUM -3.0% IFT -0.1% MEL -3.6% **GMT** -0.1% ATM -4.4% SUM -0.1% SKC -5.0% PEB -0.1% ZEL -7.8% AIR -0.1% CEN -8.3% SKC -0.1% PPH -8.8% ZEL -0.1% SML -9.2% PPH -0.1% SAN -9.2% AIA -0.1% VGL MFT -0.1% -11.3% PEB -11.5% -0.3% MEL AIR -11.7% ATM -0.3% THL -13.5% -0.4% CEN -20% +0% +20% -0.6% -0.4% -0.2% 0.0% 0.2% 0.4% 0.6% 0.8%

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 18. S&P/NZX 50 C Index month

	Company	Price \$	% Change	Contribution	No. Shares	Mkt Cap	S&P/NZX 5
		Month-end	Month	%	(millions)	(\$mil)	Ind'l Wgtg %
1	F&P Healthcare	34.64	+5.07%	+0.7%	576.23	19,960.57	14.7
2	Auckland Int. Airport	7.45	-1.72%	-0.1%	1,207.49	8,995.81	6.6
3	Meridian Energy	7.15	-3.64%	-0.3%	1,255.67	8,978.03	6.6
1	Spark NZ	4.80	+2.13%	+0.1%	1,851.87	8,888.98	6.5
5	A2 Corporation	11.54	-4.39%	-0.3%	742.61	8,569.68	6.3
5	Ryman Healthcare	15.56	+2.44%	+0.1%	-	-	
7	Contact Energy	8.17	-8.31%	-0.4%	-	-	
3	Mainfreight	67.50	-2.88%	-0.1%	-	-	
9	Infratil	7.20	-1.37%	-0.1%	-	-	
0	Fletcher Building	6.22	+5.42%	+0.2%	-	-	
	Mercury NZ	7.13	+9.11%	+0.3%	-	-	
2	Ebos Group	28.62	-0.28%	-0.0%	-	-	
.3	Chorus	8.43	+6.57%	+0.2%	-	-	
4	Summerset Group	12.17	-3.03%	-0.1%	-	-	
.5	Goodman Property Trust	2.26	-3.00%	-0.1%	-	-	
6	Port of Tauranga	7.54	+1.89%	+0.0%	-	-	
7		3.05	-4.98%	-0.1%	-	-	
8	Kiwi Property Group	1.29	+5.74%	+0.1%	-	-	
9	Genesis Energy	3.92	+8.14%	+0.1%	-	-	
0.	Precinct Properties NZ	1.73	-1.99%	-0.0%	-	-	
	Freightways	11.00	+9.34%	+0.1%	-	-	
2	Z Energy	2.95	-7.81%	-0.1%	-	-	
23	Property for Industry	2.91	-0.68%	-0.0%	-	-	
24	Pushpay Holdings	1.65	-8.84%	-0.1%	-	-	
5	Argosy Property	1.55	-2.83%	-0.0%	-	-	
6	Vital Healthcare Property Trust	3.28	+0.15%	+0.0%	-	-	
7	Vector	4.30	+1.18%	+0.0%	-	-	
8	Stride Property Group	2.37	+0.42%	+0.0%	-	-	
9	Oceania Healthcare	1.58	+8.97%	+0.1%	-	-	
0	Heartland Bank	1.86	+12.05%	+0.1%	-	-	
1	Arvida Group	1.79	0.00%	+0.0%	-	-	
32	Air New Zealand	1.59	-11.67%	-0.1%	-	-	
3	Kathmandu	1.29	+0.78%	+0.0%	-	-	
34	Pacific Edge	1.08	-11.48%	-0.1%	-	-	
35	Skellerup Holdings	3.89	+6.58%	+0.0%	-	-	
86	Investore	2.26	+2.26%	+0.0%	-	-	
7	ANZ	25.39	+3.51%	+0.0%	-	-	
88	Westpac	22.56	+7.94%	+0.0%	-	-	
39	TrustPower	8.70	+10.13%	+0.0%	-	-	
Ю	Scales Corporation	4.88	-2.01%	-0.0%	-	-	
11	NZX	2.05	+4.59%	+0.0%	-	-	
12	Serko	5.71	-1.38%	-0.0%	-	-	
13	Fonterra Shareholders Fund	4.54	+3.65%	+0.0%	-	-	
14	Synlait Milk	4.75	-9.18%	-0.0%	-	-	
15	Sanford	4.75	-9.18%	-0.0%	-	-	
16	Restaurant Brands	11.75	+1.73%	+0.0%	-	-	
17	Vista Group	1.49	-11.31%	-0.0%	-	-	
18	Napier Port	3.37	-1.46%	-0.0%	-	-	
19	Sky Network Television	0.16	+1.86%	+0.0%	-	-	
0	,	2.25	-13.46%	-0.0%	-	-	
			Market Capital			\$135,733.47	10
			S	S&P/NZX 50 C Index		5501.01	+0.269
				S&P/NZX 50 C Por		3491.36	+0.06

Source: Forsyth Barr analysis, IRESS, 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: 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	34.64		+5.07%	+0.7%	576.23	19,960.57	14.71
2	Auckland Int. Airport	7.45		-1.72%	-0.1%	1,207.49	8,995.81	6.63
3	Meridian Energy	7.15		-3.64%	-0.3%	1,255.67	8,978.03	6.63
4	Spark NZ	4.80		+2.13%	+0.1%	1,851.87	8,888.98	6.55
5	A2 Corporation	11.54		-4.39%	-0.3%	742.61	8,569.68	6.31
6	Ryman Healthcare	15.56		+2.44%	+0.1%	_	-	
7	Contact Energy	8.17		-8.31%	-0.4%	_	-	
8	Mainfreight	67.50		-2.88%	-0.1%	_	-	
9	Infratil	7.20		-1.37%	-0.1%	_	-	
10	Fletcher Building	6.22		+5.42%	+0.2%	-	-	
11	Mercury NZ	7.13		+9.11%	+0.3%	_	_	-
12	Ebos Group	28.62		-0.28%	-0.0%	_	-	-
13	Chorus	8.43		+6.57%	+0.2%	_	_	-
14	Summerset Group	12.17		-3.03%	-0.1%	_	_	-
15	Goodman Property Trust	2.26		-3.00%	-0.1%	_	_	
16	Port of Tauranga	7.54		+1.89%	+0.0%	_	_	
17	SKYCITY	3.05		-4.98%	-0.1%	-	_	
18	Kiwi Property Group	1.29		+5.74%	+0.1%	_	_	
19	Genesis Energy	3.92		+8.14%	+0.1%	_	_	
20	Precinct Properties NZ	1.73		-1.99%	-0.0%	_	_	
21	Freightways	11.00		+9.34%	+0.1%	_	_	
22	Z Energy	2.95		-7.81%	-0.1%	_	_	
23	Property for Industry	2.91		-0.68%	-0.0%	_	_	
24	Pushpay Holdings	1.65		-8.84%	-0.1%	_	_	
25	Argosy Property	1.55		-2.83%	-0.0%	_	_	
26	Vital Healthcare Property Trust	3.28		+0.15%	+0.0%	_	_	
27	Vector	4.30		+1.18%	+0.0%	_	_	_
28	Stride Property Group	2.37		+0.42%	+0.0%	_	_	
29	Oceania Healthcare	1.58		+8.97%	+0.1%			
30	Heartland Bank	1.86		+12.05%	+0.1%			
31	Arvida Group	1.79		0.00%	+0.1%	-	-	
32	Air New Zealand					-	-	
		1.59		-11.67%	-0.1%	-	-	-
33	Kathmandu	1.29		+0.78%	+0.0%	-	-	-
34	Pacific Edge	1.08		-11.48%	-0.1%	-	-	-
35	Skellerup Holdings	3.89		+6.58%	+0.0%	-	-	-
	Investore	2.26		+2.26%	+0.0%	-	-	-
37	ANZ	25.39		+3.51%	+0.0%	-	-	-
38	Westpac	22.56		+7.94%	+0.0%	-	-	
39	TrustPower	8.70		+10.13%	+0.0%	-	-	
40	Scales Corporation	4.88	0.0950	-0.16%	-0.0%	-	-	
1	NZX	2.05		+4.59%	+0.0%	-	-	
12	Serko	5.71		-1.38%	-0.0%	-	-	
13	Fonterra Shareholders Fund	4.54		+3.65%	+0.0%	-	-	
14	Synlait Milk	4.75		-9.18%	-0.0%	-	-	
15	Sanford	4.75		-9.18%	-0.0%	-	-	
16	Restaurant Brands	11.75		+1.73%	+0.0%	-	-	
47	Vista Group	1.49		-11.31%	-0.0%	-	-	
48	Napier Port	3.37		-1.46%	-0.0%	-	-	
19	Sky Network Television	0.16		+1.86%	+0.0%	-	-	
0	Tourism Holdings	2.25		-13.46%	-0.0%	-	-	-
				1	Market Capital		\$135,733.47	100
				A	Accumulated Dividend		\$11.47	
				9	&P/NZX 50 G Index		13127.29	+0.27%
					&P/NZX 50 G Portfoli	io Indev	8156.74	+0.08%

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: 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	34.64	w/iiiip (φ)	+5.1%	+0.7%	576.23	19,960.57	14.71
2	Auckland Int. Airport	7.45		-1.7%	-0.1%	1,207.49	8,995.81	6.63
3	Meridian Energy	7.45		-3.6%	-0.3%	1,255.67	8,978.03	6.61
4	Spark NZ	4.80		+2.1%	+0.1%	1,851.87	8,888.98	6.55
5	A2 Corporation	11.54		-4.4%	-0.3%	742.61	8,569.68	6.33
6	Ryman Healthcare	15.56		+2.4%	+0.1%	, 12.01	-	0.01
7	Contact Energy	8.17		-8.3%	-0.4%	_	_	
8	Mainfreight	67.50		-2.9%	-0.1%	_	_	
9	Infratil	7.20		-1.4%	-0.1%	-	-	
10	Fletcher Building	6.22		+5.4%	+0.2%	-	-	
11	Mercury NZ	7.13		+9.1%	+0.3%	-	-	
12	Ebos Group	28.62		-0.3%	-0.0%	-	-	
13	Chorus	8.43		+6.6%	+0.2%	-	-	
14	Summerset Group	12.17		-3.0%	-0.1%	-	-	
15	Goodman Property Trust	2.26		-3.0%	-0.1%	-	-	
16	Port of Tauranga	7.54		+1.9%	+0.0%	-	-	
17	SKYCITY	3.05		-5.0%	-0.1%	-	-	
18	Kiwi Property Group	1.29		+5.7%	+0.1%	-	-	
19	Genesis Energy	3.92		+8.1%	+0.1%	-	-	
20	Precinct Properties NZ	1.73		-2.0%	-0.0%	-	-	
21	Freightways	11.00		+9.3%	+0.1%	-	-	
22	Z Energy	2.95		-7.8%	-0.1%	-	-	
23	Property for Industry	2.91		-0.7%	-0.0%	-	-	
24	Pushpay Holdings	1.65		-8.8%	-0.1%	-	-	
25	Argosy Property	1.55		-2.8%	-0.0%	-	-	
26	Vital Healthcare Property Trust	3.28		+0.2%	+0.0%	-	-	
27	Vector	4.30		+1.2%	+0.0%	-	-	
28	Stride Property Group	2.37		+0.4%	+0.0%	-	-	
29	Oceania Healthcare	1.58		+9.0%	+0.1%	-	-	
30	Heartland Bank	1.86		+12.0%	+0.1%	-	-	
31	Arvida Group	1.79		0.0%	+0.0%	-	-	
32	Air New Zealand	1.59		-11.7%	-0.1%	-	-	
33	Kathmandu	1.29		+0.8%	+0.0%	-	-	
34	Pacific Edge	1.08		-11.5%	-0.1%	-	-	
35	Skellerup Holdings	3.89		+6.6%	+0.0%	-	-	
36	Investore	2.26		+2.3%	+0.0%	-	-	
37	ANZ	25.39		+3.5%	+0.0%	-	-	
38	Westpac	22.56		+7.9%	+0.0%	-	-	
39	TrustPower	8.70		+10.1%	+0.0%	-	-	
40	Scales Corporation	4.88	0.1319	+0.6%	+0.0%	-	-	
41	NZX	2.05		+4.6%	+0.0%	-	-	
42	Serko	5.71		-1.4%	-0.0%	-	-	
43	Fonterra Shareholders Fund	4.54		+3.7%	+0.0%	-	-	
44	Synlait Milk	4.75		-9.2%	-0.0%	-	-	
45	Sanford	4.75		-9.2%	-0.0%	-	-	
46	Restaurant Brands	11.75		+1.7%	+0.0%	-	-	
47	Vista Group	1.49		-11.3%	-0.0%	-	-	
48	Napier Port	3.37		-1.5%	-0.0%	-	-	
49	Sky Network Television	0.16		+1.9%	+0.0%	-	-	
50	Tourism Holdings	2.25		-13.5%	-0.0%	-	-	
			Market Capital			\$135,733.47	100	
			Accumulated Dividend				\$15.94	
					S&P/NZX 50 G w/Imp Ind		16065.16	+0.28%
				9	S&P/NZX 50 G w/Imp Po	rttolio Index	9809.29	+0.08%

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.

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