

A Month in the Market

November 2019

The S&P/NZX 50 G index rose +4.9% in November 2019, closing at a record high of 11,316.58. Large caps outperformed the Mid-caps with strength in Consumer Staples, Materials and Healthcare. Elsewhere Energy, Utilities and Real Estate underperformed the benchmark. Off-shore markets, S&P/ASX200 Accum, S&P500 TR and FTSE100 TR returned +3.3%, +3.6% and +1.8% respectively (local currency).

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Figure 1. Index and Sector Movements: November 2019

S&P/NZX Indices	Value as at 30-Nov-19	Monthly Return	3 Month Return
S&P/NZX 50 Gross	11,316.58	+4.9%	+5.2%
S&P/NZX 50 Portfolio Gross	6,948.62	+3.7%	+4.2%
S&P/NZX Large Caps Gross	11,227.69	+7.9%	+6.9%
S&P/NZX Mid-Caps Gross	31,413.80	+0.9%	+3.0%
S&P/NZX Small Caps Gross	64,856.00	+2.5%	+8.7%

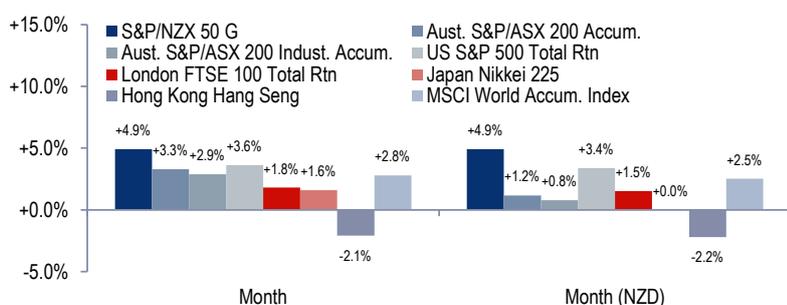
Source: Forsyth Barr analysis, IRESS

Movers and Shakers

The month of November finished with 26 positive returns and 24 negative returns and an overall range of 42.7%. Top performers for the month included MET (+21.2%), PPH (+21.0%) and ATM (+19.4%), whilst GTK (-21.6%), WBC (-11.5%) and TPW (-10.8%) performed the worst. The main (positive) contributors to the index were ATM, FPH and RYM (+408bp collectively), with AIA, EBO and CEN providing the largest negative contributions for the month.



Figure 2. International Returns, November 2019: Local and NZ\$ Returns



Source: Forsyth Barr analysis, Bloomberg

12 month forward Expected Total Return (ETR)

Our expected 12 month forward total returns are -0.9% (weighted) for the benchmark S&P/NZX 50 index or +4.7% on a median basis. Both include a cash dividend yield of ~3.3%. Large cap companies are expected to deliver -2.9% versus the mid-caps at +3.6%.

Figure 3. Expected 12 Month Forward Total Return (ETR)

	S&P/NZX 50		S&P/NZX Large Cap		S&P/NZX Mid Cap	
	Weighted	Median	Weighted	Median	Weighted	Median
Forsyth Barr	-0.9%	+4.7%	-2.9%	-3.9%	+3.6%	+4.7%
Consensus	-1.7%	+4.6%	-5.2%	-3.0%	+1.9%	+4.7%
Difference	+0.8%	+0.1%	+2.3%	-0.9%	+1.7%	+0.0%

Source: Forsyth Barr analysis, Bloomberg

Figure 4. Company Headlines: November 2019

Code	Date	Total Return (Nov 2019)	Headline
ARV	19/11/2019	+7.3%	Arvida Group said it expects earnings momentum to continue after first-half reported profit rose by +47.4%, buoyed by increased property valuations.
ATM	19/11/2019	+19.4%	A2 Milk said it expects its annual operating profit margin to be in the range of 29–30%, which is stronger than previously communicated.
CNU	18/11/2019	+11.2%	A High Court judge ruled Chorus did not breach a non-disclosure agreement or fiduciary duties alleged between it and a consultancy.
EBO	19/11/2019	-7.5%	Ebos Group shares crashed -9.5% after the company's largest shareholder sold about a third of its shares to institutional investors.
FBU	6/11/2019	+14.2%	Fletcher Building said it remains within the construction provisions announced in 2018 despite the impact of the SkyCity Conference Centre fire.
FBU	11/11/2019	+14.2%	Fletcher Building attacked claims by its electrical subcontractor for the Christchurch justice precinct as broad and vague.
FBU	28/11/2019	+14.2%	Fletcher Building signalled a small downside bias in its core operating profit forecast for the year ending June 2020.
FPH	27/11/2019	+15.7%	Fisher & Paykel Healthcare kept a relatively conservative outlook for the year as it reported a +24% lift in first-half profit.
FRE	20/11/2019	+2.9%	Freightways is involved in an employment dispute because it is concerned it might set a precedent on whether courier drivers are independent contractors.
FSF	8/11/2019	-3.6%	A dwindling domestic dairy herd will play into Fonterra Cooperative Group's plan to extract greater value from New Zealand milk.
GMT	14/11/2019	+1.2%	Goodman Property Trust's first-half net profit nearly quadrupled, largely reflecting unrealised valuation gains.
GTK	28/11/2019	-21.6%	Gentrack posted a loss having written off a dud investment earlier this year, while the impact of bad debts weighed on underlying earnings.
IFT	13/11/2019	+1.0%	Infratil's 1H20 result contained no surprises - CDC was again the stand out performer, while Wellington Airport and TPW were modest disappointments.
KMD	1/11/2019	-3.8%	Kathmandu Holdings said Reuben Casey will be chief executive of the Kathmandu business while Xavier Simonet will continue as group chief executive.
KPG	18/11/2019	-0.6%	Kiwi Property Group's reported first-half net profit fell -23.8% as the value of its hedging dropped amid falling interest rates.
KPG	19/11/2019	-0.6%	Kiwi Property Group is investigating ways of branching out from its core business, including moving into funds management.
MCY	12/11/2019	-3.3%	Mercury Energy said it would continue with the second stage of its \$464m plan to build New Zealand's biggest wind farm.
MET	20/11/2019	+21.2%	Metlifecare suspended its share buyback programme as it considers a sub-par conditional offer from an unnamed "credible" suitor.
MFT	13/11/2019	+3.7%	Mainfreight provided a 'satisfactory' half year result, lifting profit with continuing improvement from Europe and the Americas assisting.
NZR	28/11/2019	-2.9%	Refining NZ said the power cut that shut the Marsden Point refinery on Wednesday may trim full-year profit by as much as NZ\$2.5m.
PCT	20/11/2019	+0.6%	Precinct Properties said it is looking at future developments as construction reportedly remains on schedule for Commercial Bay's completion.
PPH	6/11/2019	+21.0%	Pushpay Holdings has its eyes on buying other companies to aid its long-term goal of attracting over half of America's medium and large churches.
RYM	21/11/2019	+17.0%	Ryman Healthcare forecasted full-year underlying profit to rise by +10-17% after a +6.2% increase in the first-half.
RYM	22/11/2019	+17.0%	Ryman Healthcare's CEO said the Australian and New Zealand governments need to take the rapid ageing of the population more seriously.
SAN	14/11/2019	+9.8%	Sanford reported a 1% decline in full-year net profit with improved pricing on some species not enough to offset a 4% drop in volumes.
SKC	26/11/2019	+2.3%	SkyCity Entertainment Group said it can confirm its insurers "will respond" to the damage to the New Zealand International Convention Centre.
SKT	18/11/2019	-5.6%	Sky Network Television is expecting lower annual revenue and EBITDA in financial year 2020 after a management review.
SKT	28/11/2019	-5.6%	Sky Network Television announced that TVNZ will be its free-to-air partner for the 2020 Summer Olympic Games in Tokyo.
SPG	25/11/2019	-3.5%	Stride Property reported a solid 1H20 result, which saw the company post an encouraging uplift in EBITDA and a robust portfolio valuation gain.
SPK	18/11/2019	+1.3%	Huawei Technologies is still on Spark's list of go-to suppliers, but it won't keep waiting for Huawei to get security clearance to build its 5G network.
SUM	27/11/2019	+17.0%	Summerset Group said it has been given the green light to build its proposed retirement village in St Johns, and that it has bought land in Selwyn.

Source: Forsyth Barr analysis, Sharechat

Figure 5. Company Headlines: November 2019 – Cont'd

Code	Date	Total Return (Nov 2019)	Headline
TPW	18/11/2019	-10.8%	Trustpower expects to boost full-year net profit by about NZ\$11m following the sale of its metering business to Financial Corporation.
VHP	12/11/2019	+0.6%	Vital Healthcare provided its 1Q20 update, highlighting modest property income growth and continued strength in its very defensive portfolio.
VHP	20/11/2019	+0.6%	Vital Healthcare Property Trust's manager appointed a new independent director to its board, Michael Stanford.
ZEL	1/11/2019	-0.0%	Z Energy signalled that tough retail competition and a slowing domestic economy may see more fuel retailers shut outlets in the coming year.
ZEL	4/11/2019	-0.0%	Z Energy said it may cost more than NZ\$32m to increase storage at the Wiri fuel terminal and on its pipeline to Auckland International Airport.

Source: Forsyth Barr analysis, Sharechat

Figure 6. Economic Headlines: November 2019

Date	Headline
1/11/2019	Consumers were feeling more confident in October, with their perception of their current situation the best it has been since 2007.
4/11/2019	Auckland property sales rose more than usual for early spring, indicating the city's real estate market is slowly returning to normal.
5/11/2019	A phased tariff reduction for a range of paper and packaging products is seen as an extra "foot in the door" into the Chinese market.
6/11/2019	Wage growth hit a 10-year high in the September quarter, but it won't offer much relief to the Reserve Bank as it was all down to pay settlements.
11/11/2019	Spending on credit and debit cards fell for the first time in four months, with higher petrol prices in October blamed.
13/11/2019	The Reserve Bank threw up yet another surprise in its latest decision on interest rates — this time by not doing anything.
13/11/2019	Food prices are up +2.5% in the year to October, a slightly faster rise than the +2.2% rise in the year to September.
14/11/2019	House price inflation accelerated across the regions in October, with Auckland the only area where prices remained subdued.
15/11/2019	Manufacturing activity snapped three months of contraction in October thanks to a broad-based pick-up in demand.
20/11/2019	Dairy product prices increased at the Global Dairy Trade auction, as whole milk powder climbed to the highest level in nearly three years.
20/11/2019	Electricity network companies are not moving fast enough to change their pricing structures to suit new technologies the industry regulator said.
22/11/2019	The government's new Infrastructure Commission will be asked to run the ruler over the options for replacing Auckland's central city cargo port.
22/11/2019	Sir John Key and Helen Clark are publicly supporting a campaign for the cargo operations of Auckland port to be moved to Northland.
26/11/2019	Discounted sales of big-screen TVs in the run-up to the Rugby World Cup helped boost September-quarter retail spending.
27/11/2019	Chinese demand for animal protein due to swine fever drove another month of double-digit export growth for New Zealand firms selling into China.
28/11/2019	Businesses haven't snapped out of their gloom but are feeling better than they've been all year, with farmers and retailers leading the charge.
28/11/2019	The Reserve Bank said it will be increasing its scrutiny of financial institutions and raising its current very low prudential supervisory staffing levels.

Source: Forsyth Barr analysis, Sharechat

Figure 7. Forsyth Barr Ratings Changes: November 2019

Code	Indicator	Current Rating	Previous Rating	Date	Comment
CEN	▲	OUTPERFORM	NEUTRAL	7/11/2019	Risk-reward. Even adjusting for what we view as a prudent level of risk reflective of CEN's exposure to the NZAS strategic review, the share price reaction overdone.
GNE	▲	OUTPERFORM	NEUTRAL	7/11/2019	Risk-reward balance. We view the recent price fall as overdone, relative to the risk presented by the unlikely outcome of an NZAS closure. We also expect modest earning growth from continued retail margin performance.
MCY	▲	NEUTRAL	UNDERPERFORM	13/11/2019	Risk-reward balance. We believe MCY's share price fall is out of proportion given its limited exposure to the NZAS. While MCY looks more attractive, we only move to NEUTRAL as much of the recent share price performance was due to MSCI speculation as opposed to underlying fundamentals.
MEL	▲	NEUTRAL	UNDERPERFORM	7/11/2019	Price reaction. MEL saw the greatest price reaction as a result of the NZAS review. We believe this was an overreaction and hence upgraded our rating.
STU	▲	OUTPERFORM	NEUTRAL	19/11/2019	Risk-reward. While STU has been a perennial disappointment for investors, we believe the share price now reflects a level of pessimism such that the risk-reward is positively asymmetric.

Source: Forsyth Barr analysis

Figure 8. Forsyth Barr Ratings Changes: November 2019 – Cont'd

Code	Indicator	Current Rating	Previous Rating	Date	Comment
GTK	▼	UNDERPERFORM	NEUTRAL	1/10/2019	Outlook. Repeated profit warnings in FY19 have eroded investors confidence in the near to medium term outlook, meaning GTK's elevated valuation to be unjustified.
MET	▼	NEUTRAL	OUTPERFORM	28/11/2019	NBIO. Following MET receiving a non-binding indicative offer (NBIO) we have lowered our rating as investors should wait for more information.
SKT	▼	UNDERPERFORM	NEUTRAL	19/11/2019	Outlook. The market appearing to price SKT's earnings to stabilise around FY20E levels feels optimistic.
TPW	▼	NEUTRAL	OUTPERFORM	7/11/2019	Outlook. Following a negative surprise at its 1H20 on the back of higher than expected opex, along with an FY20 guidance downgrade, we lower our rating.

Source: Forsyth Barr analysis

Figure 9. Forsyth Barr Target Price and Earnings Changes: November 2019

Code	Target Price Change	Key Earnings Changes	Comment
ABA	▲ NZ\$5.70 (from NZ\$4.40)	n/a	Takeover. Target price lifted to be in line with bid price. NZ\$5.70/share all cash offer for 100% of ABA shares, via scheme of arrangement from Adams NZ Bidco Ltd; an entity owned by private equity company, BGH Capital, and Ontario Teachers' Pension Plan.
ARG	▲ NZ\$1.38 (from NZ\$1.35)	n/a	Interim revaluation. A rare interim revaluation lifted our NTA, following through to a slight lift in our target price.
ARV	▲ NZ\$1.78 (from NZ\$1.74)	n/a	Valuation. Target price lift due to time value of money impact on our DCF.
ATM	n/a	EBITDA: ▲ FY20 +0.6%, ▼ FY21 -6.4%	Margin profile. NPAT forecast revisions predominantly reflect a flatter EBITDA margin profile, along with a slightly slower near-term revenue path.
CEN	▼ NZ\$8.03 (from NZ\$8.22)	EBITDA: ▼ FY20 -0.3%, ▼ FY21 -1.6%	NZAS strategic review. We believe CEN has the largest hypothetical downside in the case of closure, hence, we assume it will offer the largest price reduction (specific to the NZAS).
CNU	▲ NZ\$6.40 (from NZ\$5.80)	n/a	Improved regulatory picture. The ComCom's draft decision on "input methodologies" was positive CNU.
FBU	▲ NZ\$4.85 (from NZ\$4.65)	EBIT: ▼ FY20 -3.2%, ▼ FY21 -3.9%	Earnings pressure. FBU first time guidance was in line with our expectations, but highlighted that earnings remained pressured from competition, cost and easing demand in both NZ & Aus.
FPH	▲ NZ\$16.50 (from NZ\$16.00)	NPAT: ▲ FY20 +1.4%, ▲ FY21 +1.3%	Revenue mix. We make minor forecast changes reflective of small shifts in revenue segment mix.
GMT	▲ NZ\$1.92 (from NZ\$1.83)	n/a	1H20 result revaluation. Our NAV has lifted slightly on the back of the revaluation, and our DCF has drifted up given the time value of money, resulting in a lift in our target price.
GNE	▼ NZ\$3.23 (from NZ\$3.28)	EBITDA: ▼ FY20 -0.5%, ▲ FY21 +0.9%	1Q20 Operating stats. GNE's Op Stats were mixed, with growing retail margins offset by soft hydro generation and higher than expected thermal generation volumes and costs. Changes do not reflect any NZAS impact.
GTK	▼ NZ\$4.20 (from NZ\$5.50)	EBITDA: ▼ FY20 -16.1%, ▼ FY21 -23.2%	Guidance downgrade. We made material downgrades following GTK's guidance downgrade "confession" prior to its FY19 result.
IFT	▲ NZ\$4.96 (from NZ\$4.83)	n/a	1H20 result. We have lifted our NAV estimate following IFT's 1H20 result, however, some of the valuation increases are of low quality, resulting from book value increases we have limited visibility over.
KPG	n/a	EPS: ▲ FY20 +0.1%, ▼ FY21 -3.3%	Capital raise. EPS forecast changes reflect dilution due to capital raise.
MCY	▲ NZ\$4.62 (from NZ\$4.55)	EBITDA: ▲ FY20 +0.5%, ▼ FY21 -0.1%	Sector review. We make immaterial changes to earnings estimates following a review of the sector, prompted by the NZAS strategic review. Changes do not reflect any NZAS impact.
MEL	▼ NZ\$4.11 (from NZ\$4.25)	EBITDA: ▼ FY20 -0.4%, ▼ FY21 -2.3%	NZAS strategic review. We believe MEL has a lessor yet still material hypothetical level of downside in the case of closure, hence, we assume it will offer a reasonable price reduction (specific to the NZAS).

Source: Forsyth Barr analysis

Figure 10. Forsyth Barr Target Price and Earnings Changes: November 2019 – Cont'd

Code	Target Price Change	Key Earnings Changes	Comment
MET	▲ NZ\$6.30 (from NZ\$5.60)	n/a	Valuation. Target price lift due to time value of money impact on our DCF.
MFT	▲ NZ\$39.00 (from NZ\$37.00)	EBITDA: ▲ FY20 +0.7%, ▲ FY21 +1.6%	Margins. We make modest increases to our earnings estimates principally reflecting margin expansion in Europe and the Americas.
MPG	▼ NZ\$0.35 (from NZ\$0.50)	NPAT: ▼ FY20 -24.6%, ▼ FY21 -1.7%	Guidance downgrade. Forecast changes reflect MPG's guidance downgrade, resulting from easing volumes and increased competition.
NPH	▲ NZ\$3.05 (from NZ\$3.00)	EBITDA: ▲ FY20 +0.7%, ▲ FY21 +1.1%	Rate increases. Minor upgrades to our forecasts reflect higher average rate increases relative to management's PFI forecasts.
RYM	▲ NZ\$14.00 (from NZ\$12.70)	EPS: ▲ FY20 +0.8%, ▲ FY21 +2.4%	Various changes. Lower development margins are offset by slightly higher resales margins and new sales volumes.
SAN	▲ NZ\$8.35 (from NZ\$8.10)	EBIT: ▲ FY20 +2.3%, ▲ FY21 +2.3%	Minor revisions. Changes reflect a small lift to aquaculture volumes and improved price realisation as branding/channel efforts bare fruit.
SKT	▼ NZ\$0.80 (from NZ\$1.25)	EBITDA: ▼ FY20 -17.3%, ▼ FY21 -17.0%	Cost guidance. While the top line downgrade to SKT's guidance was not unexpected, the magnitude of cost escalation was surprising, resulting in material EBITDA downgrades.
STU	▲ NZ\$1.05 (from NZ\$1.00)	EBIT: ▼ FY20 -14.4%, ▼ FY21 -15.9%	Trading conditions. STU has advised "that adverse trading conditions are continuing" and it expects 1H20 performance to be down YoY.
TPW	▼ NZ\$7.75 (from NZ\$8.20)	EBITDA: ▼ FY20 -3.4%, ▼ FY21 -3.0%	Guidance downgrade. TPW's weaker than expected 1H20 result and guidance downgrade sees us lower our forecasts.

Source: Forsyth Barr analysis

Figure 11. Forsyth Barr Target Price and Earnings Changes: November 2019 Summary

	Key Earnings Changes		
	Target Price Changes	Forecast Year1	Forecast Year2
Upgrade ▲	15	8	6
Downgrade ▼	7	9	11

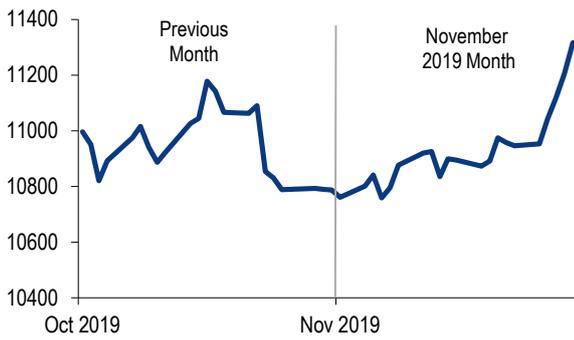
Source: Forsyth Barr analysis

Figure 12. Change in Substantial Security Holder Notices (SSH), Forsyth Barr Universe

Code	Company Name	Shareholder Name	Initial Holding	Holding after Change	Change
ABA	Abano Healthcare Group	ACC	6.27%	5.18%	-1.09%
		Forsyth Barr Investment Management	9.43%	8.30%	-1.13%
APL	Asset Plus	ACC	10.66%	9.60%	-1.07%
ATM	a2 Milk Company	Pendal Group Limited	5.26%	6.27%	+1.01%
		Morgan Stanley	n/a	5.54%	n/a
		Mitsubishi UFJ Financial Group	9.19%	10.20%	+1.01%
		UBS	5.02%	6.52%	+1.50%
EBO	EBOS Group	Sybos Holdings	40.00%	37.33%	-2.67%
		Sybos Holdings	37.33%	28.08%	-9.25%
FRE	Freightways	Fisher Funds Management	6.94%	5.82%	-1.12%
IPL	Investore Property	Salt Funds Management	9.20%	10.21%	+1.01%
		ACC	6.14%	7.20%	+1.06%
KMD	Kathmandu Holdings	Briscoe Group	17.71%	16.29%	-1.42%
KPG	Kiwi Property Group	Salt Funds Management	n/a	5.11%	n/a
MET	Metlifecare	Investment Services Group	6.43%	7.74%	+1.31%
MPG	Metro Performance Glass	National Australia Bank	6.56%	4.66%	-1.90%
		Schroder Investment Management Group	7.38%	8.88%	+1.50%
NZR	Refining NZ	ACC	5.15%	4.99%	-0.16%
		Wellington Management Company	8.32%	9.34%	+1.02%
SKC	SKYCITY Entertainment Group	Lazard	7.52%	8.55%	+1.03%
SKT	SKY Network Television	New Zealand Rugby Union	n/a	5.00%	n/a
		Kiltearn Partners	10.40%	8.93%	-1.47%
VGL	Vista Group International	Commonwealth Bank of Australia	n/a	5.05%	n/a
ZEL	Z Energy	Investment Services Group	5.01%	0.00%	-5.01%

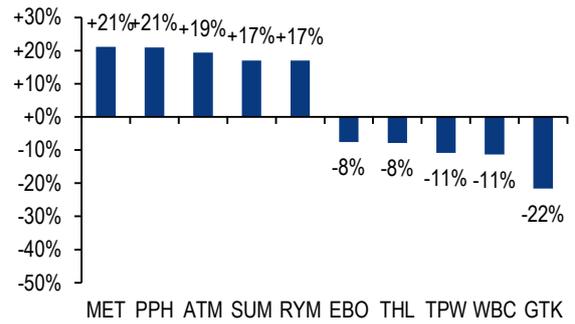
Source: Forsyth Barr analysis, NZX

Figure 13. S&P/NZX 50 G Index



Source: Forsyth Barr analysis

Figure 14. S&P/NZX 50 G w/lmp: Best and Worst Performers (1 mth)



Source: Forsyth Barr analysis

Figure 15. Index and Sector Movements: 1, 3, 6 & 12 Months (November 2019)

S&P/NZX Indices	Value as at 30 Nov 19	Monthly Return	3 Month Return	6 Month Return	12 Month Return
S&P/NZX 50 Gross	11,316.58	+4.9%	+5.2%	+11.8%	+28.3%
S&P/NZX 50 Portfolio Gross	6,948.62	+3.7%	+4.2%	+11.2%	+26.0%
S&P/NZX Large Caps Gross	11,227.69	+7.9%	+6.9%	+13.7%	+35.3%
S&P/NZX Mid-Caps Gross	31,413.80	+0.9%	+3.0%	+9.6%	+19.9%
S&P/NZX Small Caps Gross	64,856.00	+2.5%	+8.7%	+8.7%	+7.9%
S&P/NZX All Consumer Discretionary Gross	1,371.03	+0.9%	+10.1%	+15.0%	+18.6%
S&P/NZX All Consumer Staples Gross	5,869.78	+14.7%	+7.3%	-0.1%	+35.2%
S&P/NZX All Energy Gross	1,079.06	-1.6%	-14.5%	-10.4%	-4.4%
S&P/NZX All Financials Gross	1,116.62	+2.6%	+4.8%	+10.2%	+18.3%
S&P/NZX All Health Care Gross	2,416.30	+13.0%	+22.9%	+34.2%	+40.7%
S&P/NZX All Index Gross	12,246.96	+5.0%	+5.5%	+12.0%	+27.6%
S&P/NZX All Industrials Gross	2,089.40	-0.3%	-0.7%	+6.2%	+24.5%
S&P/NZX All Information Technology Gross	1,685.40	+3.9%	+4.6%	-10.8%	+11.1%
S&P/NZX All Materials Gross	768.45	+13.3%	+17.0%	+2.5%	+13.0%
S&P/NZX All Real Estate Gross	1,766.39	-0.4%	-1.3%	+11.4%	+30.0%
S&P/NZX All Telecommunication Services Gross	2,076.88	+3.2%	+7.3%	+15.0%	+10.4%
S&P/NZX All Utilities Gross	2,138.88	-0.8%	-4.6%	+11.0%	+37.5%

Source: Forsyth Barr analysis, IRESS

Figure 16. International Returns (local currency): November 2019

Market (local returns)	Last	Month to Date	Year to Date	3 months	12 months	3 Year	5 year	10 year
S&P/NZX 50 G	11,316.58	+4.9%	+28.4%	+5.2%	+28.3%	+17.9%	+15.8%	+13.7%
S&P/NZX 10 G	11,227.69	+7.9%	+35.0%	+6.9%	+35.3%	+17.3%	+15.5%	+13.5%
S&P/NZX Mid Cap G	31,413.79	+0.9%	+20.4%	+3.0%	+19.9%	+18.8%	+16.6%	+15.5%
S&P/NZX Small Cap G	64,856.00	+2.5%	+11.1%	+8.7%	+7.9%	+11.8%	+12.5%	+12.1%
S&P/NZX All Real Estate G	1,766.39	-0.4%	+27.9%	-1.3%	+30.0%	+16.1%	+14.1%	+13.1%
Aust. S&P/ASX 200 Accum.	74,048.83	+3.3%	+26.1%	+4.8%	+26.0%	+12.7%	+9.9%	+8.5%
Aust. S&P/ASX 200 Indust. Accum.	147,160.80	+2.9%	+26.5%	+4.4%	+24.8%	+11.3%	+9.6%	+10.5%
Aust. S&P/ASX 200 A-REIT Accum.	60,640.21	+2.3%	+24.9%	+0.8%	+27.0%	+13.2%	+12.9%	+12.4%
US S&P 500 Total Rtn	6,361.56	+3.6%	+27.6%	+7.9%	+16.1%	+14.9%	+11.0%	+13.4%
London FTSE 100 Total Rtn	6,792.10	+1.8%	+14.1%	+2.9%	+10.2%	+7.1%	+6.0%	+7.6%
German DAX 30	13,236.38	+2.9%	+25.4%	+10.9%	+17.6%	+7.5%	+5.8%	+8.9%
France CAC 40 Total Rtn	16,028.49	+3.1%	+28.7%	+8.0%	+22.0%	+12.4%	+9.7%	+8.7%
Japan Nikkei 225	23,293.91	+1.6%	+16.4%	+12.5%	+4.2%	+8.4%	+5.9%	+9.6%
Hong Kong Hang Seng	26,346.49	-2.1%	+1.9%	+2.4%	-0.6%	+5.0%	+1.9%	+1.9%
MSCI World Accum. Index	6,708.68	+2.8%	+24.0%	+7.6%	+14.5%	+12.4%	+7.7%	+9.3%
MSCI New Zealand	631.21	+9.5%	+31.4%	+11.9%	+29.0%	+11.1%	+10.0%	+11.1%
NZDAUD	0.9493	+2.0%	-0.4%	+1.0%	+0.8%	-0.3%	+0.6%	+2.0%
NZDUSD	0.6422	+0.1%	-4.4%	+1.5%	-6.5%	-3.2%	-3.9%	-1.1%

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

Figure 17. International Returns (NZ\$): November 2019

Market (NZ\$)	Last	Month to Date	Year to Date	3 months	12 months	3 Year	5 year	10 year
S&P/NZX 50 G	11,316.58	+4.9%	+28.4%	+5.2%	+28.3%	+17.9%	+15.8%	+13.7%
S&P/NZX 10 G	11,227.69	+7.9%	+35.0%	+6.9%	+35.3%	+17.3%	+15.5%	+13.5%
S&P/NZX Mid Cap G	31,413.79	+0.9%	+20.4%	+3.0%	+19.9%	+18.8%	+16.6%	+15.5%
S&P/NZX Small Cap G	64,856.00	+2.5%	+11.1%	+8.7%	+7.9%	+11.8%	+12.5%	+12.1%
S&P/NZX All Real Estate G	1,766.39	-0.4%	+27.9%	-1.3%	+30.0%	+16.1%	+14.1%	+13.1%
Aust. S&P/ASX 200 Accum.	74,048.83	+1.2%	+26.6%	+3.3%	+24.9%	+13.0%	+9.3%	+6.4%
Aust. S&P/ASX 200 Indust. Accum.	147,160.80	+0.8%	+27.0%	+2.9%	+23.7%	+11.7%	+9.0%	+8.3%
Aust. S&P/ASX 200 A-REIT Accum.	60,640.21	+0.2%	+25.3%	-0.7%	+25.9%	+13.5%	+12.3%	+10.3%
US S&P 500 Total Rtn	6,361.56	+3.4%	+33.4%	+5.7%	+24.2%	+18.7%	+15.5%	+14.6%
London FTSE 100 Total Rtn	6,792.10	+1.5%	+21.0%	+7.2%	+19.5%	+11.9%	+6.3%	+6.1%
German DAX 30	13,236.38	+1.4%	+25.9%	+8.9%	+22.4%	+12.6%	+7.5%	+6.7%
France CAC 40 Total Rtn	16,028.49	+1.7%	+29.4%	+6.1%	+27.1%	+17.6%	+11.4%	+6.5%
Japan Nikkei 225	23,293.91	+0.0%	+22.5%	+7.2%	+15.8%	+13.5%	+12.1%	+8.1%
Hong Kong Hang Seng	26,346.49	-2.2%	+6.6%	+0.5%	+6.3%	+8.1%	+5.9%	+2.9%
MSCI World Accum. Index	6,708.68	+2.5%	+29.5%	+5.5%	+22.5%	+16.1%	+12.2%	+10.5%
MSCI New Zealand	631.21	+9.2%	+37.3%	+9.7%	+38.0%	+14.8%	+14.5%	+12.3%
NZDAUD	0.9493	+2.0%	-0.4%	+1.0%	+0.8%	-0.3%	+0.6%	+2.0%
NZDUSD	0.6422	+0.1%	-4.4%	+1.5%	-6.5%	-3.2%	-3.9%	-1.1%

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

November 2019 Month

Figure 18. S&P/NZX 50 G w/lmp Index: Company Returns (month)

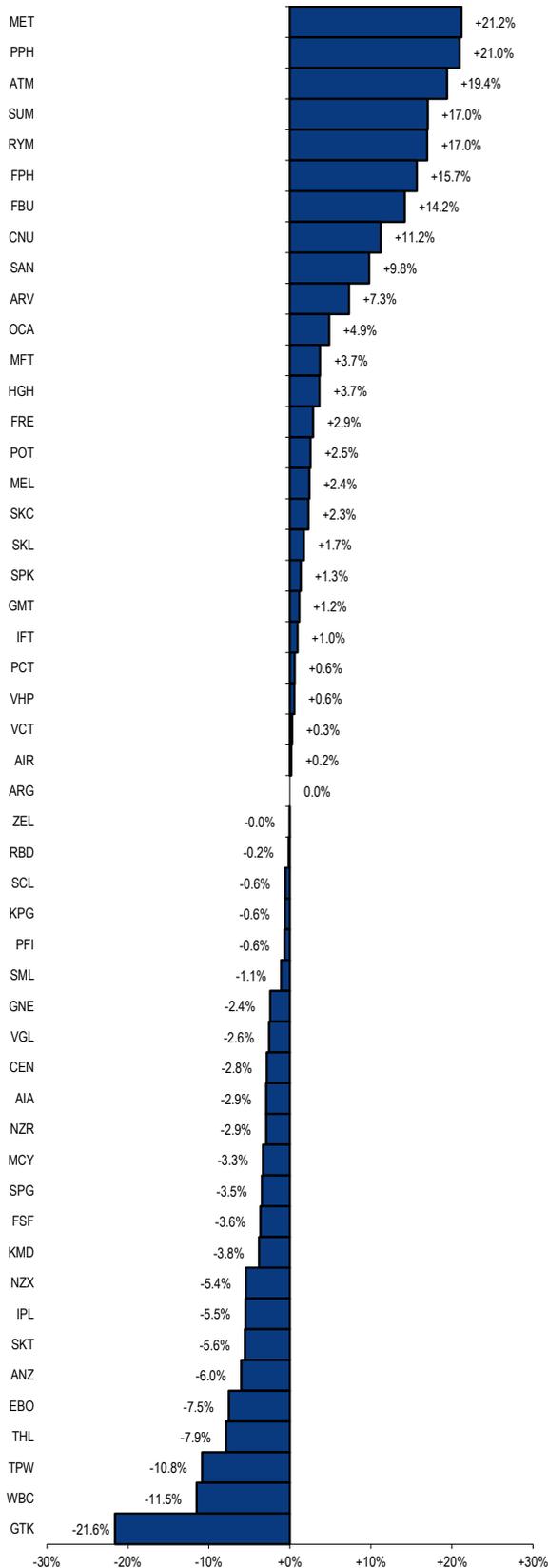
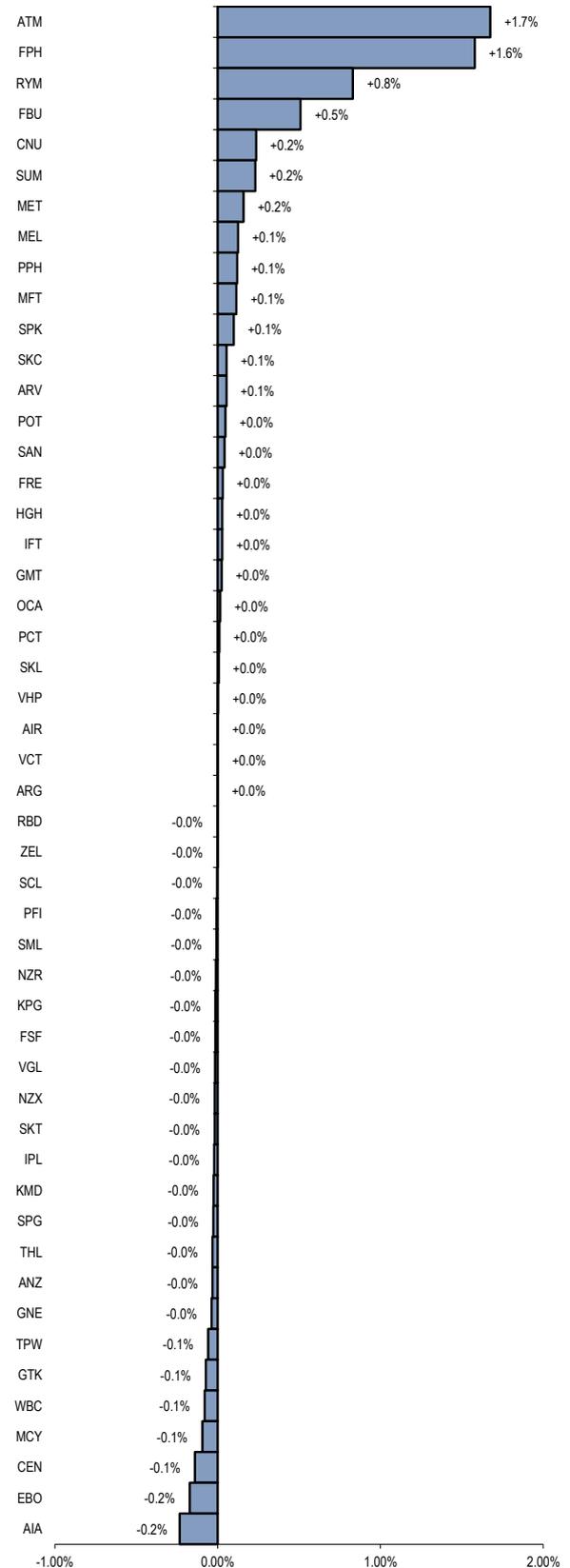


Figure 19. S&P/NZX 50 G w/lmp Index: Contribution (month)



Source: Forsyth Barr analysis

Individual returns calculated as the product of the monthly % change i.e. (last price + gross div)/ base price. Price returns, dividend and contribution reflects the time period that the stock was a member of the index.

Source: Forsyth Barr analysis

S&P/NZX 50 Capital: November 2019 Month

Figure 20. S&P/NZX 50 Capital Index

Company	Month ending	Price \$ Nov-19	% Change November	Contribution %	No. Shares (millions)	Mkt Cap. (\$mil)	S&P/NZX 50 Ind'l Wgtg %
1 F&P Healthcare		22.15	+15.7%	+1.6%	573.93	12,712.55	11.13
2 A2 Corporation		15.52	+19.4%	+1.7%	735.08	11,408.44	9.99
3 Auckland Int. Airport		9.03	-2.9%	-0.2%	944.83	8,531.79	7.47
4 Spark NZ		4.54	+1.3%	+0.1%	1,836.19	8,336.31	7.30
5 Ryman Healthcare		15.10	+17.0%	+0.8%	415.00	6,266.50	5.49
6 Meridian Energy		4.71	+2.4%	+0.1%	-	-	-
7 Contact Energy		7.17	-2.8%	-0.1%	-	-	-
8 Fletcher Building		5.23	+14.2%	+0.5%	-	-	-
9 Mainfreight		41.70	+3.7%	+0.1%	-	-	-
10 Infratil		4.90	-0.6%	-0.0%	-	-	-
11 Mercury NZ		4.80	-3.3%	-0.1%	-	-	-
12 SKYCITY		4.00	+2.3%	+0.1%	-	-	-
13 Chorus		5.90	+11.2%	+0.2%	-	-	-
14 Kiwi Property Group		1.58	-0.6%	-0.0%	-	-	-
15 Goodman Property Trust		2.14	+0.2%	+0.0%	-	-	-
16 Ebos Group		22.79	-7.5%	-0.2%	-	-	-
17 Port of Tauranga		6.86	+2.5%	+0.0%	-	-	-
18 Z Energy		5.13	-4.3%	-0.1%	-	-	-
19 Precinct Properties NZ		1.82	-0.3%	-0.0%	-	-	-
20 Summerset Group		7.70	+17.0%	+0.2%	-	-	-
21 Genesis Energy		3.20	-2.4%	-0.0%	-	-	-
22 Air New Zealand		2.83	+0.2%	+0.0%	-	-	-
23 Freightways		7.92	+2.9%	+0.0%	-	-	-
24 Property for Industry		2.35	-1.7%	-0.0%	-	-	-
25 Argosy Property		1.41	0.0%	+0.0%	-	-	-
26 Metlifecare		5.84	+21.2%	+0.2%	-	-	-
27 Vital Healthcare Property Trust		2.68	+0.6%	+0.0%	-	-	-
28 Vector		3.57	+0.3%	+0.0%	-	-	-
29 Heartland Bank		1.70	+3.7%	+0.0%	-	-	-
30 Arvida Group		1.62	+7.3%	+0.1%	-	-	-
31 Stride Property Group		2.23	-3.5%	-0.0%	-	-	-
32 Pushpay Holdings		3.81	+21.0%	+0.1%	-	-	-
33 Synlait Milk		9.30	-1.1%	-0.0%	-	-	-
34 Kathmandu		3.02	-3.8%	-0.0%	-	-	-
35 Westpac		25.89	-14.1%	-0.1%	-	-	-
36 Vista Group		3.80	-2.6%	-0.0%	-	-	-
37 Scales Corporation		5.20	-0.6%	-0.0%	-	-	-
38 ANZ		26.21	-8.9%	-0.0%	-	-	-
39 Sanford		7.60	+7.0%	+0.0%	-	-	-
40 TrustPower		7.29	-13.6%	-0.1%	-	-	-
41 Skellerup Holdings		2.34	+1.7%	+0.0%	-	-	-
42 Fonterra Shareholders Fund		4.00	-3.6%	-0.0%	-	-	-
43 Tourism Holdings		3.27	-7.9%	-0.0%	-	-	-
44 Oceania Healthcare		1.08	+4.9%	+0.0%	-	-	-
45 Investore		1.80	-6.7%	-0.0%	-	-	-
46 Restaurant Brands		11.90	-0.2%	-0.0%	-	-	-
47 NZ Refining		1.99	-2.9%	-0.0%	-	-	-
48 NZX		1.22	-5.4%	-0.0%	-	-	-
49 Sky Network Television		0.85	-5.6%	-0.0%	-	-	-
50 Gentrack Group		4.00	-21.6%	-0.1%	-	-	-
Market Capital						\$114,225.70	100
S&P/NZX 50 C Index						4859.70	+4.70%
S&P/NZX 50 C Portfolio Index						3056.95	+3.49%

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

S&P DJI limit the publication of index weights to 10% of the constituents of any S&P/NZX index.
Price returns, dividend and contribution reflects the time period that the stock was a member of the index.

S&P/NZX 50 G: November 2019 Month

Figure 21. S&P/NZX 50 G Index

Company	Month ending	Price \$ Nov-19	Gross Div. \$	% Change November	Contribution %	No. Shares (millions)	Mkt Cap. (\$mil)	S&P/NZX 50 Ind'l Wgtg %
1 F&P Healthcare		22.15		+15.7%	+1.6%	573.93	12,712.55	11.13
2 A2 Corporation		15.52		+19.4%	+1.7%	735.08	11,408.44	9.99
3 Auckland Int. Airport		9.03		-2.9%	-0.2%	944.83	8,531.79	7.47
4 Spark NZ		4.54		+1.3%	+0.1%	1,836.19	8,336.31	7.30
5 Ryman Healthcare		15.10		+17.0%	+0.8%	415.00	6,266.50	5.49
6 Meridian Energy		4.71		+2.4%	+0.1%	-	-	-
7 Contact Energy		7.17		-2.8%	-0.1%	-	-	-
8 Fletcher Building		5.23		+14.2%	+0.5%	-	-	-
9 Mainfreight		41.70		+3.7%	+0.1%	-	-	-
10 Infratil		4.90	0.0625	+0.7%	+0.0%	-	-	-
11 Mercury NZ		4.80		-3.3%	-0.1%	-	-	-
12 SKYCITY		4.00		+2.3%	+0.1%	-	-	-
13 Chorus		5.90		+11.2%	+0.2%	-	-	-
14 Kiwi Property Group		1.58		-0.6%	-0.0%	-	-	-
15 Goodman Property Trust		2.14	0.0166	+1.0%	+0.0%	-	-	-
16 Ebos Group		22.79		-7.5%	-0.2%	-	-	-
17 Port of Tauranga		6.86		+2.5%	+0.0%	-	-	-
18 Z Energy		5.13	0.1650	-1.2%	-0.0%	-	-	-
19 Precinct Properties NZ		1.82	0.0158	+0.6%	+0.0%	-	-	-
20 Summerset Group		7.70		+17.0%	+0.2%	-	-	-
21 Genesis Energy		3.20		-2.4%	-0.0%	-	-	-
22 Air New Zealand		2.83		+0.2%	+0.0%	-	-	-
23 Freightways		7.92		+2.9%	+0.0%	-	-	-
24 Property for Industry		2.35	0.0185	-0.9%	-0.0%	-	-	-
25 Argosy Property		1.41		0.0%	+0.0%	-	-	-
26 Metlifecare		5.84		+21.2%	+0.2%	-	-	-
27 Vital Healthcare Property Trust		2.68		+0.6%	+0.0%	-	-	-
28 Vector		3.57		+0.3%	+0.0%	-	-	-
29 Heartland Bank		1.70		+3.7%	+0.0%	-	-	-
30 Arvida Group		1.62		+7.3%	+0.1%	-	-	-
31 Stride Property Group		2.23		-3.5%	-0.0%	-	-	-
32 Pushpay Holdings		3.81		+21.0%	+0.1%	-	-	-
33 Synlait Milk		9.30		-1.1%	-0.0%	-	-	-
34 Kathmandu		3.02		-3.8%	-0.0%	-	-	-
35 Westpac		25.89	0.8661	-11.5%	-0.1%	-	-	-
36 Vista Group		3.80		-2.6%	-0.0%	-	-	-
37 Scales Corporation		5.20		-0.6%	-0.0%	-	-	-
38 ANZ		26.21	0.8679	-6.0%	-0.0%	-	-	-
39 Sanford		7.60	0.1400	+9.0%	+0.0%	-	-	-
40 TrustPower		7.29	0.1700	-11.6%	-0.1%	-	-	-
41 Skellerup Holdings		2.34		+1.7%	+0.0%	-	-	-
42 Fonterra Shareholders Fund		4.00		-3.6%	-0.0%	-	-	-
43 Tourism Holdings		3.27		-7.9%	-0.0%	-	-	-
44 Oceania Healthcare		1.08		+4.9%	+0.0%	-	-	-
45 Investore		1.80	0.0190	-5.8%	-0.0%	-	-	-
46 Restaurant Brands		11.90		-0.2%	-0.0%	-	-	-
47 NZ Refining		1.99		-2.9%	-0.0%	-	-	-
48 NZX		1.22		-5.4%	-0.0%	-	-	-
49 Sky Network Television		0.85		-5.6%	-0.0%	-	-	-
50 Gentrack Group		4.00		-21.6%	-0.1%	-	-	-
Market Capital							\$114,225.70	100
Accumulated Dividend							\$216.30	
S&P/NZX 50 G Index							11316.58	+4.90%
S&P/NZX 50 G Portfolio Index							6948.62	+3.75%

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

S&P DJI limit the publication of index weights to 10% of the constituents of any S&P/NZX index.

S&P/NZX 50 G w/Imp: November 2019 Month

Figure 22. S&P/NZX 50 G w/Imp Index (month)

Company	Month ending	Price \$ Nov-19	Gross Div. w/Imp (\$)	% Change November	Contribution %	No. Shares (millions)	Mkt Cap. (\$mil)	S&P/NZX 50 Ind'l Wgtg %	
1 F&P Healthcare		22.15		+15.7%	+1.6%	573.93	12,712.55	11.13	
2 A2 Corporation		15.52		+19.4%	+1.7%	735.08	11,408.44	9.99	
3 Auckland Int. Airport		9.03		-2.9%	-0.2%	944.83	8,531.79	7.47	
4 Spark NZ		4.54		+1.3%	+0.1%	1,836.19	8,336.31	7.30	
5 Ryman Healthcare		15.10		+17.0%	+0.8%	415.00	6,266.50	5.49	
6 Meridian Energy		4.71		+2.4%	+0.1%	-	-	-	
7 Contact Energy		7.17		-2.8%	-0.1%	-	-	-	
8 Fletcher Building		5.23		+14.2%	+0.5%	-	-	-	
9 Mainfreight		41.70		+3.7%	+0.1%	-	-	-	
10 Infratil		4.90	0.0775	+1.0%	+0.0%	-	-	-	
11 Mercury NZ		4.80		-3.3%	-0.1%	-	-	-	
12 SKYCITY		4.00		+2.3%	+0.1%	-	-	-	
13 Chorus		5.90		+11.2%	+0.2%	-	-	-	
14 Kiwi Property Group		1.58		-0.6%	-0.0%	-	-	-	
15 Goodman Property Trust		2.14	0.0196	+1.2%	+0.0%	-	-	-	
16 Ebos Group		22.79		-7.5%	-0.2%	-	-	-	
17 Port of Tauranga		6.86		+2.5%	+0.0%	-	-	-	
18 Z Energy		5.13	0.2292	-0.0%	-0.0%	-	-	-	
19 Precinct Properties NZ		1.82	0.0159	+0.6%	+0.0%	-	-	-	
20 Summerset Group		7.70		+17.0%	+0.2%	-	-	-	
21 Genesis Energy		3.20		-2.4%	-0.0%	-	-	-	
22 Air New Zealand		2.83		+0.2%	+0.0%	-	-	-	
23 Freightways		7.92		+2.9%	+0.0%	-	-	-	
24 Property for Industry		2.35	0.0245	-0.6%	-0.0%	-	-	-	
25 Argosy Property		1.41		0.0%	+0.0%	-	-	-	
26 Metlifecare		5.84		+21.2%	+0.2%	-	-	-	
27 Vital Healthcare Property Trust		2.68		+0.6%	+0.0%	-	-	-	
28 Vector		3.57		+0.3%	+0.0%	-	-	-	
29 Heartland Bank		1.70		+3.7%	+0.0%	-	-	-	
30 Arvida Group		1.62		+7.3%	+0.1%	-	-	-	
31 Stride Property Group		2.23		-3.5%	-0.0%	-	-	-	
32 Pushpay Holdings		3.81		+21.0%	+0.1%	-	-	-	
33 Synlait Milk		9.30		-1.1%	-0.0%	-	-	-	
34 Kathmandu		3.02		-3.8%	-0.0%	-	-	-	
35 Westpac		25.89	0.8661	-11.5%	-0.1%	-	-	-	
36 Vista Group		3.80		-2.6%	-0.0%	-	-	-	
37 Scales Corporation		5.20		-0.6%	-0.0%	-	-	-	
38 ANZ		26.21	0.8679	-6.0%	-0.0%	-	-	-	
39 Sanford		7.60	0.1944	+9.8%	+0.0%	-	-	-	
40 TrustPower		7.29	0.2361	-10.8%	-0.1%	-	-	-	
41 Skellerup Holdings		2.34		+1.7%	+0.0%	-	-	-	
42 Fonterra Shareholders Fund		4.00		-3.6%	-0.0%	-	-	-	
43 Tourism Holdings		3.27		-7.9%	-0.0%	-	-	-	
44 Oceania Healthcare		1.08		+4.9%	+0.0%	-	-	-	
45 Investore		1.80	0.0242	-5.5%	-0.0%	-	-	-	
46 Restaurant Brands		11.90		-0.2%	-0.0%	-	-	-	
47 NZ Refining		1.99		-2.9%	-0.0%	-	-	-	
48 NZX		1.22		-5.4%	-0.0%	-	-	-	
49 Sky Network Television		0.85		-5.6%	-0.0%	-	-	-	
50 Gentrack Group		4.00		-21.6%	-0.1%	-	-	-	
							Market Capital	\$114,225.70	100
							Accumulated Dividend	\$267.66	
							S&P/NZX 50 G w/Imp Index	13758.18	+4.95%
							S&P/NZX 50 G w/Imp Portfolio Index	8297.51	+3.82%

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

S&P DJI limit the publication of index weights to 10% of the constituents of any S&P/NZX index.
Price returns, dividend and contribution reflects the time period that the stock was a member of the index.

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