
ETFInvestor™ (ETF Market Data)

Fourth-Quarter 2023



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The *ETFInvestor* is released on a quarterly basis with updated exchange-traded fund market data as described below.

ETF Market Data as of Dec. 31, 2023

The following tables contain data, as of the end of the fourth quarter of 2023, for ETFs domiciled in Australia.

Exhibit 1 ([Page 2](#)) consists of static information: inception date, ticker, a strategic beta flag, and fee. Additionally, it includes net assets (funds under management as of Dec. 31, 2023, where available), net flows (sum of net monthly flows over 12 and 36 months, where available), and the live Morningstar Medalist Rating.

Exhibit 2 ([Page 10](#)) consists of the performance as measured by trailing returns over varying time periods, the average monthly premium/discount over the past quarter, and portfolio statistics (where available) like total number of holdings and the percentage exposure of the fund in the top 10 holdings.

Exhibit 3 ([Page 18](#)) is a list of the strategic-beta ETFs classified by the strategic-beta group.

Morningstar currently publishes Morningstar Medalist Ratings for 171 Australian ETFs covering around 84% of the ETF universe by funds under management.

The information in Exhibits 1 and 2 has been split into the Morningstar Categories for ease of reference.

Exhibit 1

Category & Name	Inception Date	Ticker	Strategic Beta	Fee	Net Assets (AUD Mn)	1-Year Net Flow (AUD Mn)	3-Year Net Flow (AUD Mn)	Morningstar Medalist Rating
Alternative–Other								
Activex Ardea Real Outcome Bond ETF	Dec-18	XARO	No	0.50	627.9	-191.3	217.8	Bronze
Betashares Aus Equities Bear Hedge ETF	Jul-12	BEAR	No	1.48	44.9	-6.4	-17.1	
Betashares Australian Eqs Strong BrH ETF	Apr-15	BBOZ	No	1.38	349.5	92.8	190.2	
Betashares Strong Australian Dllr H ETF	Nov-16	AUDS	No	1.38	32.0	16.6	21.4	
Betashares Strong US Dollar Hedge ETF	Nov-16	YANK	No	1.38	6.3	-5.5	-4.0	
Betashares US Eqs Strong Bear H CcyH ETF	Aug-15	BBUS	No	1.38	211.6	40.4	169.7	
Coolabah Active Composite Bond Fund ETF	Mar-17	FIXD	No	0.10	83.4	0.0	0.0	
Fat Prophets Global High Convct Hdg ETF	Jan-22	FATP	No	1.77	3.7	0.1	4.1	
Australian Cash								
Betashares Aus High Interest Cash ETF	Mar-12	AAA	No	0.18	3,432.4	658.3	1,127.5	Neutral
iShares Core Cash ETF	Jun-17	BILL	No	0.07	740.6	237.9	182.3	
Australian Short-Term Fixed Interest								
Betashares Australian Cash Plus ETF	Nov-23	MMKT	No	0.18	60.3	60.3	60.3	
iShares Enhanced Cash ETF	Jun-17	ISEC	No	0.12	265.3	5.1	52.1	Neutral
Bonds–Australia								
Betashares Australian Composite Bond ETF	Feb-22	OZBD	Yes	0.19	306.5	106.8	301.0	
Betashares Australian Government Bd ETF	Jul-19	AGVT	No	0.22	612.1	169.0	556.2	
Betashares Intst RtHdgAUSInvMGrdCrpBdETF	Nov-22	HCRD	Yes	0.29	9.6	5.4	9.1	Neutral
Betashares Western Asset Aus Bd ETF	Nov-18	BNDS	No	0.42	635.9	353.2	480.8	Silver
iShares Core Composite Bond ETF	Mar-12	IAF	No	0.10	2,274.3	470.7	793.5	Gold
iShares Core Corporate Bond ETF	May-20	ICOR	No	0.15	148.8	102.7	133.5	Bronze
iShares Treasury ETF	Mar-12	IGB	No	0.18	405.4	-52.5	303.9	
Janus Henderson Tactical Income Actv ETF	Jul-20	TACT	No	0.45	174.0	24.9	134.2	Silver
Russell Inv Australian Government Bd ETF	Mar-12	RGB	No	0.45	167.1	70.8	92.3	Neutral
Russell Inv Australian Semi-Govt Bd ETF	Mar-12	RSM	No	0.26	53.0	4.3	-12.7	
SPDR® S&P/ASX Australian Bond ETF	Jul-12	BOND	No	0.24	37.1	-3.3	-6.3	Bronze
SPDR® S&P/ASX Australian Govt Bd ETF	Jul-12	GOVT	No	0.10	35.4	5.9	10.7	Bronze
VanEck 10+ Year Australian Govt Bd ETF	Sep-23	XGOV	No	0.22	14.7	13.9	13.9	
VanEck 1-5 Year Australian Govt Bd ETF	Sep-23	1GOV	No	0.22	2.0	2.0	2.0	
VanEck 5-10 Year Australian Govt Bd ETF	Sep-23	5GOV	No	0.22	4.1	4.0	4.0	
Vanguard Australian Fixed Interest ETF	Oct-12	VAF	No	0.10	1,879.5	303.0	454.7	Gold
Vanguard Australian Government Bond ETF	Apr-12	VGB	No	0.20	1,016.3	167.8	485.5	Bronze
Bonds–Emerging-Markets Debt								
iShares JP Morgan USD EM Bond AUDH ETF	Dec-15	IHEB	No	0.51	87.3	39.7	62.5	
VanEck Emerging Income Opps Actv ETF	Feb-20	EBND	No	0.95	144.1	-1.3	116.9	
Bonds–Global								
Betashares U.S. Trs Bd 20+Yr ETF Ccy H	May-20	GGOV	No	0.22	248.1	162.5	242.4	
Betashares US Trs Bd 7-10 Year Ccy H ETF	Sep-23	US10	No	0.22	49.2	46.8	46.8	
Global X US Treasury Bond (Ccy Hdg) ETF	Jul-22	USTB	No	0.19	702.3	531.2	689.5	
Global X USD Corporate Bd (Ccy Hdg) ETF	Apr-23	USIG	No	0.18	4.0	3.9	3.9	
iShares Global Aggregate Bd ESG AUDH ETF	Aug-22	AESG	No	0.19	99.7	62.8	96.8	Bronze
iShares U.S. Treasury Bond AUDH ETF	Sep-23	IUSG	No	0.15	1.6	1.5	1.5	Bronze
JPMorgan Global Bond Active ETF	Dec-23	JPGB	No	0.45	0.0	0.0	0.0	
VanEck 1-3 Month US Treasury Bond ETF	May-23	TBIL	No	0.22	78.7	80.5	80.5	
Vanguard Etcly Cons Gbl Aggt Bd H ETF	Sep-18	VEFI	No	0.26	68.3	0.0	42.9	Gold
Vanguard Global Aggregate Bd Hdg ETF	Oct-17	VBND	No	0.20	1,194.5	520.0	928.4	Bronze
Vanguard Intl Fxd Intr (Hdg) ETF	Dec-15	VIF	No	0.20	742.0	1.5	223.8	Bronze
Bonds–Global / Australia								
Betashares Sstby Ldrs Dvrs Bd ETF Ccy Hd	Nov-19	GBND	No	0.49	334.6	130.1	252.8	
Macquarie Dynamic Bond Active ETF	Nov-23	MQDB	No	0.61	2.1	2.0	2.0	

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Bonds–Inflation-Linked								
Betashares Infl-Protd US Trs Bd CcyH ETF	Sep-23	UTIP	No	0.22	98.4	95.8	95.8	
iShares Government Inflation ETF	Mar-12	ILB	No	0.18	628.1	71.1	385.3	
Commodities & Precious Metals								
Betashares Crude Oil ETF Ccy Hgd(Synth)	Nov-11	OOO	No	1.29	131.4	-40.2	-149.9	
Betashares Gold Bullion ETF Ccy Hedged	May-11	QAU	No	0.59	513.1	19.6	142.1	
Global X Bloomberg Cmnty ETF Synthetic	Jul-23	BCOM	No	0.42	29.8	32.7	32.7	
Global X Physical Gold	Mar-03	GOLD	No	0.40	2,673.4	-198.2	132.7	
Global X Physical Palladium	Dec-08	ETPMPD	No	0.49	3.9	0.0	-2.0	
Global X Physical Platinum	Dec-08	ETPMPT	No	0.49	19.0	-0.5	8.0	
Global X Physical Precious Metals Basket	Dec-08	ETPMPM	No	0.44	51.8	-2.7	33.1	
Global X Physical Silver	Dec-08	ETPMAG	No	0.49	248.3	-1.8	33.7	
iShares Physical Gold ETF	Oct-23	GLDN	No	0.18	20.3	20.7	20.7	
Perth Mint Gold ETF	Dec-10	PMGOLD	No	0.15	745.5	-0.3	25.7	
VanEck Gold Bullion ETF	Dec-22	NUGG	No	0.25	38.4	35.0	37.6	
Diversified Credit								
Betashares Active Australian Hybrids ETF	Nov-17	HBRD	No	0.55	2,154.4	113.8	1,099.3	Neutral
Betashares Aus Bank Sr Fltng Rt Bd ETF	Jun-17	QPON	No	0.22	1,212.2	433.5	417.9	Silver
Betashares Aus Inv Grd Corp Bd ETF	May-18	CRED	Yes	0.25	663.4	147.9	255.6	Neutral
iShares Core Global Corp Bd AUDH ETF	Dec-15	IHCB	No	0.26	302.9	1.5	27.7	Neutral
iShares Yield Plus ETF	May-20	IYLD	No	0.12	34.2	15.1	24.9	
Janus Henderson Sust Crdt ActETF(Mgd Fd)	Mar-23	GOOD	No	0.50	0.5	0.5	0.5	Negative
Macquarie Income Opportunities Actv ETF	Nov-23	MQIO	No	0.49	2.1	2.0	2.0	
Russell Inv Australian Select CorpBd ETF	Mar-12	RCB	No	0.28	261.9	-19.6	14.7	
Schroder Absolute Return Income ETF	Nov-19	PAYS	No	0.55	53.4	-5.1	22.3	Bronze
VanEck Australian Corp Bd+ ETF	May-17	PLUS	Yes	0.32	297.2	14.0	55.2	Neutral
VanEck Australian Fltng Rt ETF	Jul-17	FLOT	No	0.22	689.0	184.0	390.5	Bronze
Vanguard Australian Corp Fxd Intr ETF	May-16	VACF	No	0.20	662.9	62.2	216.1	Neutral
Vanguard Intl Credit Secs (Hdg) ETF	Dec-15	VCF	No	0.30	152.4	-26.1	-9.1	Neutral
Equity Asia Pacific w/o Japan								
abrdr Sustainable Asian Oppo Act ETF	Oct-22	ASAO	No	1.18	1.0	0.2	1.1	Silver
Ellerston Asia Growth (Hedge Fund) ETF	Jun-23	EAFZ	No	1.21	40.5	41.4	41.4	
iShares Asia 50 ETF (AU)	Sep-08	IAA	No	0.50	663.3	-27.6	120.1	Bronze
Platinum Asia ETF	Sep-17	PAXX	No	1.34	90.5	-13.3	-60.4	Silver
Vanguard FTSE Asia ex Japan Shrs ETF	Dec-15	VAE	No	0.40	321.1	-20.4	83.9	Bronze
Equity Australia Derivative Income								
Global X Nasdaq 100 Covered Call ETF	Jan-23	QYLD	No	0.60	3.7	3.7	3.7	
Global X S&P 500 Covered Call ETF	Jan-23	UYLD	No	0.60	1.1	1.2	1.2	
Global X S&P/ASX 200 Covered Call ETF	Jan-23	AYLD	No	0.60	10.1	10.0	10.0	
Equity Australia Large Blend								
AB Managed Volatility Equities ETF MVE	Mar-14	AMVE	No	0.55	1,459.0	0.0	0.0	Silver
Airlie Australian Share ETF	Jun-20	AASF	No	0.78	473.8	101.0	374.3	Neutral
Australian Ethical High Conviction ETF	Oct-21	AEAE	No	0.80	7.1	0.1	2.0	
Betashares Aus Ex-20 Port Divrs ETF	Oct-16	EX20	No	0.25	254.4	17.1	63.2	Bronze
Betashares Aus Top 20 Eq Yld Mxmsr ETF	Nov-12	YMAX	No	0.76	465.4	46.4	119.6	
Betashares Australia 200 ETF	May-18	A200	No	0.04	3,979.0	1,006.8	2,360.1	Bronze
Betashares Australian Quality ETF	Apr-22	AQLT	Yes	0.35	39.7	21.0	36.5	Silver
Betashares Australian Sustnby Ldrs ETF	Nov-17	FAIR	No	0.49	1,378.3	-36.4	488.2	Neutral
Betashares Managed Risk AUS Shr ETF	Nov-15	AUST	No	0.49	30.9	-0.8	-11.4	Neutral
Dimensional AustralianCoreEquityTrustETF	Nov-23	DACE	No	0.28	4,845.4	4,521.5	4,521.5	Bronze
Global X Australia ex Fincls & Res ETF	Apr-23	OZXX	No	0.25	3.5	3.4	3.4	
IML Concnr AUS Shr Fd (Quoted Mngd Fd)	Aug-23	IMLC	No	0.99	2.5	1.6	1.6	
Intelligent Investor AUS Eq Inc ETF	Jun-18	INIF	No	0.97	84.2	-2.3	21.5	Neutral

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Intelligent Investor Aust Eq Gr ETF	Oct-20	IIGF	No	0.97	109.5	-1.3	44.6	
Intelligent Investor Ethical Share ETF	Jun-19	INES	No	0.97	75.1	-4.3	44.7	
iShares Core MSCI Australia ESG ETF	Jun-21	IESG	No	0.09	173.1	74.5	170.2	Bronze
iShares Core S&P/ASX 200 ETF	Dec-10	IOZ	No	0.01	4,826.2	839.3	345.6	Bronze
iShares Edge MSCI Australia Mini Vol ETF	Oct-16	MVOL	Yes	0.30	19.1	-9.2	-57.9	Bronze
iShares Edge MSCI Australia Mltfctr ETF	Oct-16	AUMF	Yes	0.30	60.1	3.3	27.2	Bronze
iShares S&P/ASX 20 ETF	Dec-10	ILC	No	0.24	586.3	32.6	106.5	Bronze
Milford Australian Abs Gr Quoted Class H	Jan-23	MFOA	No	1.36	23.3	21.8	21.8	Silver
SPDR® S&P/ASX 200 ESG ETF	Jul-20	E200	No	0.05	42.2	1.2	17.3	
SPDR® S&P/ASX 200 ETF	Aug-01	STW	No	0.05	4,921.2	-157.5	-202.6	Bronze
SPDR® S&P/ASX 50 ETF	Aug-01	SFY	No	0.29	797.9	-101.9	-64.5	Bronze
VanEck Australian Equal Wt ETF	Mar-14	MWW	Yes	0.35	2,121.1	197.2	342.7	Silver
VanEck MSCI AUS Sust Eq ETF	Jun-19	GRNV	No	0.35	158.9	42.1	64.7	Neutral
Vanguard Australian Shares ETF	May-09	VAS	No	0.07	14,385.5	1,301.6	5,132.2	Bronze
Vanguard Ethically Cnscs Aust Shrs ETF	Oct-20	VETH	No	0.17	385.9	-78.7	338.5	Bronze
Vanguard MSCI Australian Large Coms ETF	May-11	VLC	No	0.20	225.3	26.3	65.0	Bronze
Equity Australia Large Geared								
Betashares Geared Australian Equity ETF	Apr-14	GEAR	No	0.80	450.5	-1.8	17.3	
Equity Australia Large Growth								
Switzer Dividend Growth ETF	Feb-17	SWTZ	No	0.97	63.9	-7.9	-29.6	Neutral
Equity Australia Large Value								
Betashares Australian Div Harvester ETF	Oct-14	HVST	No	0.72	195.1	8.5	51.7	Neutral
Betashares FTSE RAFI Australia 200 ETF	Jul-13	QOZ	Yes	0.40	494.0	-4.0	77.8	Bronze
Betashares Martin Currie Equity Inc ETF	Feb-18	EINC	No	0.85	22.3	-2.2	-9.9	Neutral
Global X S&P/ASX 200 High Dividend ETF	Jun-15	ZYAU	Yes	0.24	64.6	-6.8	-39.8	
iShares S&P/ASX Div Opps ESG Scrdm ETF	Dec-10	IHD	Yes	0.02	317.2	-8.1	-7.4	Bronze
Perennial Income Generator Fund	May-18	EIGA	No	0.80	33.1	-1.8	0.5	Neutral
Russell Inv Australian Rspnb Inv ETF	Apr-15	RARI	Yes	0.45	326.0	52.6	11.8	Negative
Russell Inv High Dividend Aus Shrs ETF	May-10	RDV	Yes	0.34	246.4	-11.4	-62.3	Neutral
SPDR® MSCI Australia Sel Hi Div Yld ETF	Sep-10	SYI	Yes	0.20	441.7	74.1	193.2	Neutral
VanEck Mrngstr Aust Mt Inc ETF	Sep-20	DVDY	Yes	0.35	75.7	-3.9	44.2	Silver
Vanguard Australian Shares High Yld ETF	May-11	VHY	Yes	0.25	3,431.9	509.9	1,193.9	Bronze
Equity Australia Long Short								
K2 Australian Small Cap ETF	Dec-15	KSM	No	3.98	10.2	0.5	1.4	
Monash Investors Small Comps Tr (Hdg)	May-21	MAAT	No	3.58	15.7	-6.0	-10.6	
Equity Australia Mid/Small Blend								
Betashares Australian Small Coms Sel ETF	Apr-17	SMLL	No	0.50	85.2	9.2	35.6	Neutral
iShares S&P/ASX Small Ordinaries ETF	Dec-10	ISO	No	0.55	147.8	22.4	43.0	Neutral
Perennial Better Future Fund	Jun-19	IMPQ	No	1.79	45.3	4.9	45.5	Neutral
SPDR® S&P/ASX Small Ordinaries ETF	Apr-11	SSO	No	0.50	26.3	-0.3	3.3	Neutral
VanEck S&P/ASX MidCap ETF	Oct-13	MVE	No	0.45	224.2	33.5	18.1	
VanEck Small Coms Masters ETF	May-15	MVS	Yes	0.49	47.4	-0.5	-41.6	Neutral
Vanguard MSCI Australian Small Coms ETF	May-11	VSO	No	0.30	876.3	90.8	362.9	Neutral
Equity Australia Mid/Small Value								
Perpetual ESG Australia ShareETF E	Nov-21	GIVE	No	0.67	5.3	1.9	3.1	Gold
Equity Australia Other								
Betashares Australian Fincls Sect ETF	Dec-10	QFN	No	0.34	69.1	0.6	14.9	
Betashares Australian Res Sect ETF	Dec-10	QRE	No	0.34	252.7	57.2	129.3	
Betashares Martin Currie Real Income ETF	Feb-18	RINC	No	0.85	57.4	-5.2	2.7	Neutral
Betashares S&P/ASX Australian Tech ETF	Mar-20	ATEC	No	0.48	208.6	12.2	45.9	
SPDR® S&P/ASX 200 Fincls EX A-REIT ETF	Apr-11	OZF	No	0.34	147.7	2.3	3.3	
SPDR® S&P/ASX 200 Resources ETF	Apr-11	OZR	No	0.34	194.0	34.6	43.5	

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VanEck Australian Banks ETF	Oct-13	MVB	No	0.28	170.6	-34.8	6.4	
VanEck Australian Resources ETF	Oct-13	MVR	No	0.35	458.0	120.4	268.8	
Equity Australia Real Estate								
SPDR® S&P/ASX 200 Listed Property ETF	Feb-02	SLF	No	0.40	474.6	-136.0	-148.9	Bronze
VanEck Australian Property ETF	Oct-13	MVA	No	0.35	666.6	-14.7	201.5	Bronze
Vanguard Australian Property Secs ETF	Oct-10	VAP	No	0.23	2,732.6	146.5	634.8	Gold
Equity Emerging Markets								
Betashares Martin Currie Em Mkts ETF	May-19	EMMG	No	1.00	133.9	23.2	137.7	Bronze
Fidelity Global Emerging Markets ETF	Oct-18	FEMX	No	0.99	210.8	10.6	56.4	Neutral
iShares MSCI Emerging Markets ETF (AU)	Oct-07	IEM	No	0.69	901.3	37.9	135.4	Bronze
JPMorgan Em Mkts Rsh Enh Idx Eq Act ETF	Sep-23	JREM	No	0.05	0.0	0.0	0.0	
SPDR® S&P Emerging Mkts Crb Ctrl ETF	Nov-13	WEMG	No	0.65	18.7	-1.4	-0.6	Silver
VanEck MSCI Mltfac EmMkts Eq ETF	Apr-18	EMKT	Yes	0.69	79.9	36.9	34.9	Bronze
Vanguard FTSE Emerging Markets Shrs ETF	Nov-13	VEE	No	0.48	736.7	61.3	314.2	Bronze
Equity Europe								
Betashares Europe ETF-Ccy Hdg	May-16	HEUR	No	0.56	46.3	-3.8	2.7	
Global X EURO STOXX 50® ETF	Jul-16	ESTX	No	0.35	98.9	14.1	33.1	
iShares Europe ETF (AU)	Oct-07	IEU	No	0.58	697.5	-275.2	-31.3	Neutral
Vanguard FTSE Europe Shares ETF	Dec-15	VEQ	No	0.35	187.5	-88.9	-75.9	
Equity Global Infrastructure								
JPMorgan Sustainable Infrast Act ETF	Nov-22	JPSI	No	0.55	1.3	0.0	1.2	
Vanguard Global Infrastructure ETF	Oct-18	VBLD	No	0.47	315.9	-18.7	176.9	Bronze
Equity Global Infrastructure—Currency Hedged								
iShares Core FTSE Global Infrast AUDH ETF	May-23	GLIN	No	0.15	121.7	118.4	118.4	Bronze
Magellan Infrastructure Ccy Hdg ETF	Jul-16	MICH	No	1.10	679.7	-140.2	-60.1	Silver
MFG Core Infrastructure ETF	Dec-09	MCSI	No	0.50	374.5	0.0	0.0	Silver
VanEck FTSE Gbl Infrast(Hdg)ETF	Apr-16	IFRA	No	0.20	786.3	28.1	469.6	Neutral
Equity Global Real Estate								
Hejaz Property ETF	Oct-22	HJZP	No	1.50	12.6	2.4	12.9	
iShares Core FTSE Gbl Prpty ExAusAUDHETF	May-23	GLPR	No	0.15	18.5	17.3	17.3	
Resolution Capital Global Prpty Sec ETF	Oct-22	RCAP	No	0.83	1,451.9	124.3	195.6	Gold
SPDR® Dow Jones Global Real Estt ESG ETF	Nov-13	DJRE	No	0.50	417.9	-21.0	16.1	Neutral
VanEck FTSE Intl Prop Hdg ETF	Mar-19	REIT	No	0.20	309.3	80.5	255.1	Bronze
Equity Global Resources								
Betashares Energy Transition Metals ETF	Oct-22	XMET	No	0.69	22.4	13.8	25.0	
Betashares Glb Energy Coms ETF-Ccy Hdg	Jun-16	FUEL	No	0.57	177.0	-13.5	-267.9	
Betashares Glb Gold Miners ETF-Ccy Hdg	Jul-16	MNRS	No	0.57	69.3	10.1	20.7	
Betashares Global Uranium ETF	Jun-22	URNM	No	0.69	89.5	49.0	72.0	
Global X Copper Miners ETF AUD Inc	Nov-22	WIRE	No	0.69	148.7	138.5	150.0	
Global X Green Metal Miners ETF	Oct-22	GMTL	No	0.69	2.7	2.5	3.4	
Global X Uranium ETF AUD Inc	Dec-22	ATOM	No	0.69	14.2	12.6	13.1	
Janus Henderson Net Zero Tns Res Act ETF	Mar-22	JZRO	No	0.85	1.6	0.7	1.6	
Platinum Global Transition ETF	Feb-23	PGTX	No	1.03	13.6	13.4	13.4	
VanEck Global Clean Energy ETF	Mar-21	CLNE	No	0.65	107.6	-1.1	142.6	
VanEck Gold Miners ETF	Jun-15	GDX	No	0.53	452.4	-28.1	81.9	
Equity Global Technology								
Betashares Cloud Computing ETF	Feb-21	CLDD	No	0.67	52.1	-12.1	60.2	
Betashares Global Cybersecurity ETF	Aug-16	HACK	No	0.67	836.5	-0.7	288.9	
Betashares Metaverse ETF	Aug-22	MTAV	No	0.69	3.3	0.1	2.6	
Betashares Video Games and Esports ETF	Feb-22	GAME	No	0.57	2.0	-1.9	2.5	
Global X Cybersecurity ETF	Sep-23	BUGG	No	0.47	1.1	1.0	1.0	

Category & Name	Inception Date	Ticker	Strategic Beta	Fee	Net Assets (AUD Mn)	1-Year Net Flow (AUD Mn)	3-Year Net Flow (AUD Mn)	Morningstar Medalist Rating
Global X Fintech & Blockchain ETF	Oct-21	FTEC	No	0.69	6.9	-1.3	8.9	
Global X Morningstar Global Tech ETF	Apr-17	TECH	Yes	0.45	333.4	-36.3	64.9	
Global X Semiconductor ETF	Aug-21	SEMI	No	0.45	134.7	3.2	103.7	
iShares Future Tech Innovators ETF	Aug-22	ITEK	No	0.57	3.2	-2.4	2.8	
Equity Greater China								
iShares China Large-Cap ETF (AU)	Nov-07	IZZ	No	0.74	276.3	-3.7	267.3	
VanEck China New Economy ETF	Nov-18	CNEW	Yes	0.95	108.4	8.9	-22.0	
VanEck FTSE China A50 ETF	Jun-15	CETF	No	0.60	17.2	1.3	4.6	
Equity Japan								
Betashares Japan ETF-Ccy Hdg	May-16	HJPN	No	0.56	95.6	3.9	26.0	
iShares MSCI Japan ETF (AU)	Oct-07	IJP	No	0.50	535.7	-11.0	154.7	
Equity North America								
Betashares NASDAQ 100 ETF	May-15	NDQ	No	0.48	3,763.5	241.7	1,365.5	Neutral
Betashares NASDAQ 100 ETF Ccy H	Jul-20	HNDQ	No	0.51	352.4	54.4	229.0	Neutral
Betashares NASDAQ 100 Yield MaximiserETF	Oct-22	QMAX	No	0.68	7.8	5.2	7.2	
Betashares S&P 500 Equal Weight ETF	Dec-14	QUS	Yes	0.33	279.5	41.8	171.4	Neutral
Global X FANG+ ETF	Feb-20	FANG	No	0.35	408.3	54.1	127.7	
Global X S&P 500 Hi Yld Low Vol ETF	Jun-15	ZYUS	Yes	0.35	65.8	-13.2	-18.8	Neutral
Global X Ultra Long Nasdaq 100 Hedge Fd	Jul-20	LNAS	No	1.00	66.8	-15.1	39.6	Neutral
Global X US 100 ETF	Aug-23	N100	No	0.24	11.6	10.9	10.9	
iShares S&P 500 AUD Hedged ETF	Dec-14	IHVW	No	0.10	1,463.4	330.9	530.7	Silver
iShares S&P 500 ETF	Oct-07	IVV	No	0.04	6,449.4	467.0	1,011.4	Silver
iShares S&P Mid-Cap ETF	Oct-07	IJH	No	0.07	264.6	11.4	50.1	Gold
iShares S&P Small-Cap ETF	Oct-07	IJR	No	0.07	479.4	14.6	162.7	Silver
SPDR® S&P 500 ETF	Oct-14	SPY	No	0.09	172.6	12.7	12.7	Bronze
VanEck Morningstar Wide Moat (AUD H) ETF	Nov-23	MHOT	Yes	0.52	11.0	10.2	10.2	
VanEck Morningstar Wide Moat ETF	Jun-15	MOAT	Yes	0.49	780.7	201.2	418.2	Bronze
Vanguard US Total Market Shares ETF	May-09	VTS	No	0.03	3,760.6	149.1	693.6	Gold
Equity World–Currency Hedged								
Aoris International D Managed Fund Hdg	May-23	DAOR	No	1.15	27.2	24.8	24.8	
Betashares FTSE 100 Currency Hedged ETF	Oct-23	H100	No	0.48	2.6	2.5	2.5	
Betashares Geared US Eq Ccy Hdg ETF	Aug-15	GGUS	No	0.80	182.0	-14.4	95.4	Neutral
Betashares Global Shares Ccy Hdg ETF	May-23	HGBL	No	0.11	353.9	340.7	340.7	
Betashares Global Sstnbtly Ldrs ETF Ccy H	Jul-20	HETH	No	0.62	406.1	107.7	273.3	Bronze
Dimensional Global Core Equity AUDHgdETF	Nov-23	DFGH	No	0.36	2,510.3	2,368.7	2,368.7	Silver
iShares Core MSCI Wld ex Aus ESG AUHDETF	Apr-16	IHWL	No	0.12	273.3	16.8	-18.8	Bronze
iShares Global 100 AUD Hedged ETF	Dec-14	IHOO	No	0.43	357.4	22.3	192.3	Bronze
Magellan Global Equities Currency H ETF	Aug-15	MHG	No	1.38	110.2	-43.6	-217.9	Neutral
Morningstar International Shrs Actv ETF	Nov-19	MSTR	No	0.39	179.6	14.2	46.2	
SPDR® S&P World ex Aus Cb Ctrl H ETF	Jul-13	WXHG	No	0.21	226.8	-6.8	86.6	Silver
VanEck MSCI Intl Quality (Hedg) ETF	Mar-19	QHAI	Yes	0.43	879.4	149.6	442.9	Bronze
VanEck MSCI Intl Sm Com Qual (AUD H) ETF	Nov-23	QHSM	Yes	0.03	16.2	15.9	15.9	
VanEck MSCI Intl Val (AUD H) ETF	Nov-23	HVLU	Yes	0.03	2.5	2.4	2.4	
Vanguard Global Minimum Volatil Act ETF	Apr-18	VMIN	No	0.28	17.1	-2.3	5.6	Gold
Vanguard MSCI Intl (Hdg) ETF	Nov-14	VGAD	No	0.21	2,825.5	344.8	1,050.8	Gold
Equity World Large Blend								
Alphinity Global Equity ETF	Jan-23	XALG	No	1.05	477.0	102.1	102.1	Gold
Alphinity Global Sustainable Equity ETF	Jan-23	XASG	No	0.81	59.2	8.0	8.0	Gold
Betashares Climate Change Innovation ETF	Mar-21	ERTH	No	0.65	150.7	-7.9	212.1	
Betashares Glb Rbtct & Artfcl Intlgtc ETF	Sep-18	RBTZ	No	0.57	211.6	16.9	118.1	Bronze
Betashares Global Quality Ldrs ETF Ccy H	Jun-20	HQLT	Yes	0.38	53.2	4.6	36.9	Bronze
Betashares Global Quality Leaders ETF	Nov-18	QLTY	Yes	0.35	429.3	-3.0	247.1	Bronze
Betashares Global Shares ETF	May-23	BGBL	No	0.08	485.7	471.6	471.6	

Category & Name	Inception Date	Ticker	Strategic Beta	Fee	Net Assets (AUD Mn)	1-Year Net Flow (AUD Mn)	3-Year Net Flow (AUD Mn)	Morningstar Medalist Rating
Dimensional Global Core Equity Trust ETF	Nov-23	DGCE	No	0.36	3,624.8	3,510.4	3,510.4	Silver
Firetrail S3 Global Opportunities ETF	Oct-22	S3GO	No	1.39	11.0	8.0	9.6	Neutral
Global X Battery Tech & Lithium ETF	Aug-18	ACDC	No	0.69	573.7	13.4	480.6	Bronze
iShares Core MSCI Wld Ex Aus ESG ETF	Apr-16	IWLD	No	0.09	761.0	84.1	498.0	Bronze
iShares Edge MSCI World Minimum Vol ETF	Oct-16	WVWL	Yes	0.30	276.3	-47.1	126.7	Bronze
iShares Edge MSCI World Multifactor ETF	Oct-16	WDMF	Yes	0.35	148.6	-11.2	-67.2	Under Review
iShares Global 100 ETF (AU)	Oct-07	IOO	No	0.40	2,955.8	-2.7	49.3	Bronze
Janus Henderson Global Sust Eq Actv ETF	Sep-21	FUTR	No	0.80	1.1	0.0	1.1	
JPMorgan Climate Change Sol Act ETF	Dec-22	T3MP	No	0.55	1.3	0.0	1.2	
JPMorgan Gbl Rsrch Enh Eq Actv H ETF	Nov-23	JRHG	No	0.30	1.8	1.8	1.8	
JPMorgan Global Rsrch Enh Eq Actv ETF	Nov-22	JREG	No	0.30	12.2	10.3	11.6	Silver
Magellan Global (Open Class)	Nov-20	MGOC	No	1.40	6,057.7	-2,390.7	-7,918.8	Neutral
Magellan High Conviction ETF	Aug-21	MHHT	No	2.00	437.6	-129.4	559.5	Neutral
Magellan Sustainable ETF	Dec-20	MSUF	No	1.37	7.7	-1.4	0.0	Negative
MFG Core ESG ETF	Dec-20	MCSE	No	0.51	15.7	0.0	0.0	Neutral
MFG Core International ETF	Dec-20	MCSG	No	0.51	25.8	0.0	0.0	Neutral
Montaka Global Long Only Equities ETF	Dec-17	MOGL	No	1.32	82.4	3.0	-13.7	
Munro Climate Change Leaders ETF	Jan-22	MCCL	No	0.90	32.4	5.3	29.5	Neutral
Nanuk New World ETF	Mar-22	NNUK	No	1.10	724.7	-29.8	711.5	Neutral
Platinum International ETF	Sep-17	PIXX	No	1.23	305.9	-25.1	-51.8	Bronze
SPDR® MSCI World Quality Mix ETF	Sep-15	QMIX	Yes	0.18	49.5	9.9	16.7	Silver
SPDR® S&P World ex Aus Crb Ctrl ETF	Mar-13	WXOZ	No	0.18	338.3	-38.1	47.4	Silver
VanEck Morningstar Intl Wide Moat ETF	Sep-20	GOAT	Yes	0.55	38.2	11.2	25.2	Bronze
Vaneck Msci International Quality Etf	Oct-14	QUAL	Yes	0.40	4,451.6	565.6	1,893.6	Silver
VanEck MSCI Intl Sust Eq ETF	Mar-18	ESGI	No	0.55	169.2	5.9	82.1	Bronze
Vanguard Etcly Cons Intl Shrs ETF	Sep-18	VESG	No	0.18	741.9	0.3	428.0	Gold
Vanguard MSCI Intl ETF	Nov-14	VGS	No	0.18	6,482.9	326.4	2,496.5	Gold
Equity World Large Growth								
Aoris International B Managed Fund	May-23	BAOR	No	1.10	342.1	58.3	58.3	
Apostle Dundas Global Equity Fund D ETF	Feb-21	ADEF	No	0.90	14.7	-1.0	12.7	Bronze
Betashares Global Cash Flow Kings ETF	Nov-23	CFLO	No	0.40	8.2	8.1	8.1	
Betashares Global Sstnby Ldrs ETF	Jan-17	ETHI	No	0.59	2,702.4	40.7	1,147.1	Bronze
Fidelity Global Demographics ETF	Dec-21	FDEM	No	0.89	102.2	-7.9	115.3	
Hyperion Global Growth Companies ETF	Mar-21	HYGG	No	2.18	2,350.3	-260.9	2,138.3	Bronze
Loftus Peak Global Disruption Mgd Fd ETF	Nov-20	LPGD	No	2.55	305.4	47.1	97.5	
Loomis Sayles Global Equity Quoted Mgd	Oct-21	LSGE	No	0.99	42.1	0.5	37.5	Silver
Macquarie Walter Scott Global Eq Act ETF	Nov-23	MQWS	No	1.28	1.0	1.0	1.0	
Munro Concentrated Global Growth ETF	Feb-22	MCGG	No	1.24	2.1	1.2	1.9	Neutral
WCM Quality Gbl Gr ETF (Quoted Mgd)	Aug-18	WCMQ	No	1.70	314.8	-50.6	76.7	Bronze
Equity World Large Value								
Antipodes Global Shares ETF	Nov-18	AGX1	No	1.41	326.7	-41.4	-296.4	Bronze
Barrow Hanley Global Share ETF E	Jun-22	GLOB	No	0.99	254.1	245.6	251.4	Gold
Betashares Global Income Leaders ETF	Oct-18	INCM	Yes	0.45	26.5	2.4	4.0	Neutral
SPDR® S&P Global Dividend ETF	Nov-13	WDIV	Yes	0.35	353.3	-18.1	22.0	Neutral
VanEck MSCI Intl Val ETF	Mar-21	VLUE	Yes	0.40	224.9	-4.3	194.2	Bronze
Vanguard Global Value Equity Active ETF	Apr-18	VVLU	No	0.29	523.5	-296.3	324.9	Bronze
Equity World Long Short								
Montaka Global Extension ETF	Jun-20	MKAX	No	1.25	46.8	7.9	7.7	
Munro Global Growth ETF	Nov-20	MAET	No	2.23	170.6	-38.1	165.3	
Equity World Mid/Small								
VanEck MSCI Intl Sm Com Qual ETF	Mar-21	QSML	Yes	0.59	367.4	296.3	337.4	Silver
Vanguard MSCI International SC ETF	Nov-18	VISM	No	0.33	285.7	30.2	189.6	Gold
Vaughan Nelson Global Equity SMID ETF	Jun-22	VNGS	No	1.12	11.5	0.2	9.7	

Category & Name	Inception Date	Ticker	Strategic Beta	Fee	Net Assets (AUD Mn)	1-Year Net Flow (AUD Mn)	3-Year Net Flow (AUD Mn)	Morningstar Medalist Rating
Equity World Other								
Betashares Asia Technology Tigers ETF	Sep-18	ASIA	No	0.67	457.7	-46.6	178.6	
Betashares Crypto Innovators ETF	Nov-21	CRYP	No	0.67	119.2	5.4	205.9	
Betashares Digital Health and Tmdcn ETF	Mar-22	EDOC	No	0.67	1.5	0.0	2.0	
Betashares Electric Vhcl & Fut Mblty ETF	Dec-21	DRIV	No	0.67	13.6	0.6	15.5	
Betashares FTSE 100 ETF	Jul-19	F100	No	0.45	368.0	-121.1	39.3	
Betashares Future of Food ETF	May-22	IEAT	No	0.67	2.1	0.0	2.4	
Betashares Future of Payments ETF	Dec-21	IPAY	No	0.67	1.7	-3.5	2.6	
Betashares Glb Agltr Coms ETF-Ccy Hdg	Aug-16	FOOD	No	0.57	111.5	-25.7	98.9	
Betashares Glb Banks ETF-Ccy Hdg	Jul-16	BNKS	No	0.57	39.8	-23.5	5.8	
Betashares Glb Healthcare ETF-Ccy Hdg	Aug-16	DRUG	No	0.57	157.1	-11.9	53.1	
Betashares India Quality ETF	Aug-19	IIND	Yes	0.80	106.6	23.3	54.7	
Betashares Online Retail and E-cmmrc ETF	Feb-22	IBUY	No	0.67	1.2	0.0	1.7	
Betashares S&P 500 Yield Maximiser ETF	Sep-14	UMAX	No	0.79	155.7	11.5	34.2	
Betashares Solar ETF	Jun-22	TANN	No	0.69	3.3	0.0	4.5	
Global X Hydrogen ETF	Oct-21	HGEN	No	0.69	38.7	-8.8	94.1	
Global X India Nifty 50 ETF	Jun-19	NDIA	No	0.69	82.8	38.1	58.3	
Global X ROBO Gbl Rbct & Atmtn ETF	Sep-17	ROBO	No	0.69	239.2	-7.3	63.8	
Global X S&P Biotech ETF	Nov-18	CURE	No	0.45	39.6	-8.1	25.4	
Hejaz Equities ETF	Oct-22	ISLM	No	1.89	86.4	7.4	81.9	
iShares Global Consumer Staples ETF (AU)	Mar-09	IXI	No	0.40	138.1	-69.5	-6.8	
iShares Global Healthcare ETF (AU)	Mar-09	IXJ	No	0.40	1,202.9	-50.9	132.6	
iShares MSCI EAFE ETF (AU)	Oct-07	IVE	No	0.32	441.4	-5.4	-16.9	Neutral
iShares MSCI South Korea ETF (AU)	Nov-07	IKO	No	0.59	189.4	73.9	124.9	
Talaria Global Equity Currency Hdg ETF	Dec-12	TLRH	No	1.32	325.5	166.1	250.5	
Talaria Global Equity ETF	Aug-08	TLRA	No	1.28	1,844.9	885.0	1,305.6	
VanEck Global Hlthcr Ldrs ETF	Sep-20	HLTH	Yes	0.45	54.8	-17.8	21.9	
VanEck Video Gaming & eSprts ETF	Sep-20	ESPO	No	0.55	64.9	-21.2	13.3	
Vanguard All-World ex-US Shares ETF	May-09	VEU	No	0.08	2,747.9	239.5	652.9	Bronze
Miscellaneous								
Betashares Global Royalties ETF	Sep-22	ROYL	No	0.69	5.7	3.1	5.6	
Betashares US Dollar ETF	Jan-11	USD	No	0.45	95.9	-39.6	-76.1	
Coolabah Short Term Income Managed ETF	Sep-23	FRNS	No	0.90	14.1	6.7	6.7	
Global X 21Shares Bitcoin ETF	May-22	EBTC	No	1.25	30.2	13.0	22.5	
Global X 21Shares Ethereum ETF	May-22	EETH	No	1.25	8.1	2.6	6.0	
Global X Global Carbon ETF (Synthetic)	Dec-22	GCO2	No	0.45	1.3	0.0	1.5	
Global X Ultra Short Nasdaq 100 Hedge Fd	Jul-20	SNAS	No	1.00	51.2	64.1	90.9	
Hejaz Sukuk Active ETF A	Nov-23	SKUK	No	1.33	5.1	5.1	5.1	
JPMorgan Equity Premium Inc Act ETF Hdg	May-23	JHPI	No	0.40	1.8	1.7	1.7	
JPMorgan Equity Premium Income ActiveETF	Nov-22	JEPI	No	0.40	59.5	56.3	59.6	
JPMorgan US 100Q Eq Prm Inc ActETF AUD	May-23	JPEQ	No	0.40	20.1	20.1	20.1	Neutral
JPMorgan US 100Q Eq Prm IncActETF AUDH	May-23	JPHQ	No	0.40	1.3	1.2	1.2	Neutral
VanEck Global Carbon Crds ETF Synthetic	Oct-22	XCO2	No	0.45	5.6	1.6	5.6	
VanEck Global Listed Private Equity ETF	Nov-21	GPEQ	No	0.65	20.3	4.4	19.5	
Multisector Aggressive								
Betashares Diversified All Growth ETF	Dec-19	DHHF	No	0.19	311.5	66.7	265.2	Neutral
Betashares Ethical Divers High Gr ETF	Dec-19	DZZF	No	0.39	70.4	13.8	61.7	Neutral
Betashares Managed Risk Global Share ETF	Dec-15	WRLD	No	0.54	47.7	-9.5	-22.2	Neutral
Intelligent Investor Select Val Shr ETF	Mar-23	IISV	No	0.97	31.0	26.6	26.6	
iShares High Growth ESG ETF	Aug-22	IGRO	No	0.22	6.3	3.6	5.5	
Vanguard Diversified High Growth ETF	Nov-17	VDHG	No	0.27	2,141.3	20.4	1,260.6	Silver
Multisector Balanced								
Betashares Ethical Diversified Bal ETF	Dec-19	DBBF	No	0.39	23.1	4.9	19.3	
iShares Balanced ESG ETF	Aug-22	IBAL	No	0.22	2.7	-0.1	2.4	

Category & Name	Inception Date	Ticker	Strategic Beta	Fee	Net Assets (AUD Mn)	1-Year Net Flow (AUD Mn)	3-Year Net Flow (AUD Mn)	Morningstar Medalist Rating
Vanguard Diversified Balanced ETF	Nov-17	VDBA	No	0.27	608.4	-73.6	261.5	Silver
Multisector Flexible								
Schroder Real Return (Managed Fund)	Aug-16	GROW	No	0.84	56.3	-8.5	18.4	Neutral
Multisector Growth								
Betashares Ethical Diversified Gr ETF	Dec-19	DGGF	No	0.39	41.5	9.7	36.2	Neutral
Vanguard Diversified Growth ETF	Nov-17	VDGR	No	0.27	757.9	41.6	364.2	Silver
Multisector Moderate								
Vanguard Diversified Conservative ETF	Nov-17	VDCO	No	0.27	206.9	-32.5	67.9	Bronze
Non-Investment-Grade Debt								
Global X USD High Yld Bond (Ccy Hdg) ETF	Jul-22	USHY	No	0.30	13.0	9.3	12.4	
iShares Global High Yield Bond AUDH ETF	Dec-15	IHHY	No	0.56	114.0	-30.1	50.4	Neutral
VanEck Australian Sbdntd Dbt ETF	Oct-19	SUBD	No	0.29	1,211.1	746.1	1,048.0	
VanEck Bentham Global Cap Secs Actv ETF	Aug-21	GCAP	No	0.59	31.9	1.5	34.1	Neutral
Unconstrained Fixed Income								
ActiveX Kapstream Absolute Ret Inc ETF	Oct-19	XKAP	No	0.55	10.5	-2.2	4.4	
Betashares Aust Mjr Bnk Hyb Idx ETF	Apr-21	BHYB	No	0.35	326.6	93.1	318.6	
Betashares Geared Lg AUSGovtBdFd(hdg fd)	Dec-23	GGAB	No	0.99	0.6	0.5	0.5	
Betashares GearedLgUSTrsBdFd-CcyH(hdgfd)	Dec-23	GGFD	No	0.99	0.5	0.5	0.5	
Betashares GearedShrtAUSGovtBdFd(hdg fd)	Dec-23	BBAB	No	0.99	0.4	0.5	0.5	
BetasharesGearedShrtUSTrsBdFdCcyH(hdgfd)	Dec-23	BBFD	No	0.99	0.5	0.5	0.5	
Daintree Core Income Fund	Nov-19	ECOR	No	0.55	18.3	0.8	16.2	Neutral
Daintree Hybrid Opportunities ETF	Nov-21	DHOF	No	0.75	43.4	25.0	44.1	
Elstree Hybrid ETF	Feb-21	EHF1	No	0.62	31.4	6.2	6.2	
JPMorgan Income Active ETF Hdg	Jul-23	JPIE	No	0.50	1.3	1.2	1.2	

Exhibit 2

Category & Name	Ticker	Returns (%) ¹						Ave. Premium/Discount ²	Portfolio ³	
		3 Month	6 Month	1 Year	3 Year	5 Year	10 Year		# of Holdings	% in Top 10 Holdings
Alternative–Other										
Activex Ardea Real Outcome Bond ETF	XARO	-1.3	0.3	2.8	1.0	3.4	-	-0.1	1,120	81.5
Betashares Aus Equities Bear Hedge ETF	BEAR	-6.9	-4.7	-6.6	-8.1	-11.0	-7.6	0.1	4	50.6
Betashares Australian Eqs Strong BrH ETF	BBOZ	-16.4	-12.9	-19.6	-20.7	-28.3	-	-0.1	3	6.0
Betashares Strong Australian Dllr H ETF	AUDS	13.1	3.3	-4.5	-14.1	-8.0	-	-0.2	2	-
Betashares Strong US Dollar Hedge ETF	YANK	-11.6	-2.9	3.6	9.9	-0.6	-	0.1	2	-
Betashares US Eqs Strong Bear H CcyH ETF	BBUS	-21.2	-11.6	-36.2	-21.1	-33.4	-	-0.2	2	-
Coolabah Active Composite Bond Fund ETF	FIXD	5.1	6.1	10.5	-1.1	2.7	-	0.0	-	-
Fat Prophets Global High Convct Hdg ETF	FATP	5.6	4.7	8.9	-	-	-	-0.2	-	-
Australian Cash										
Betashares Aus High Interest Cash ETF	AAA	1.1	2.1	4.0	1.9	1.6	2.1	0.0	1	-
iShares Core Cash ETF	BILL	1.1	2.2	4.0	1.7	1.4	-	0.0	55	-
Australian Short-Term Fixed Interest										
Betashares Australian Cash Plus ETF	MMKT	-	-	-	-	-	-	-	-	-
iShares Enhanced Cash ETF	ISEC	1.1	2.2	4.1	1.8	1.5	-	0.0	45	13.3
Bonds–Australia										
Betashares Australian Composite Bond ETF	OZBD	4.7	4.3	6.8	-	-	-	-0.1	427	13.9
Betashares Australian Government Bd ETF	AGVT	5.4	3.6	6.2	-4.9	-	-	0.0	58	49.7
Betashares Instst Rt Hdg AUS InvmGrd CrpBd	HCRD	2.4	5.8	9.6	-	-	-	0.4	-	-
Betashares Western Asset Aus Bd ETF	BNDS	4.2	3.9	6.2	-2.7	0.7	-	0.1	458	14.7
iShares Core Composite Bond ETF	IAF	3.8	3.4	5.0	-2.8	0.5	2.5	0.0	594	24.2
iShares Core Corporate Bond ETF	ICOR	3.1	4.4	6.7	-1.1	-	-	0.1	286	9.5
iShares Treasury ETF	IGB	3.9	3.0	4.1	-3.4	0.2	2.3	0.0	30	46.4
Janus Henderson Tactical Income Actv ETF	TACT	2.6	3.9	6.4	1.5	-	-	0.2	-	-
Russell Inv Australian Government Bd ETF	RGB	5.0	3.2	4.7	-4.3	0.0	2.5	0.0	10	100.3
Russell Inv Australian Semi-Govt Bd ETF	RSM	3.0	3.6	4.9	-1.7	1.0	2.2	0.0	10	100.1
SPDR® S&P/ASX Australian Bond ETF	BOND	4.1	3.5	5.5	-3.3	0.3	2.4	-0.1	162	20.0
SPDR® S&P/ASX Australian Govt Bd ETF	GOVT	4.4	3.4	5.0	-3.9	0.0	2.3	-0.1	106	25.7
VanEck 10+ Year Australian Govt Bd ETF	XGOV	6.5	-	-	-	-	-	0.2	38	68.5
VanEck 1-5 Year Australian Govt Bd ETF	1GOV	2.3	-	-	-	-	-	0.0	36	59.0
VanEck 5-10 Year Australian Govt Bd ETF	5GOV	4.8	-	-	-	-	-	0.0	49	54.5
Vanguard Australian Fixed Interest ETF	VAF	3.8	3.4	5.0	-2.8	0.5	2.5	0.0	703	24.2
Vanguard Australian Government Bond ETF	VGB	3.9	3.3	4.7	-3.3	0.3	2.4	0.0	-	-
Bonds–Emerging-Markets Debt										
iShares JP Morgan USD EmMkts Bd AUDH	IHEB	8.7	4.6	7.6	-5.9	-	-	0.0	34	96.8
VanEck Emerging Income Opps Actv ETF	EBND	4.9	3.0	10.8	1.0	-	-	0.4	112	23.8
Bonds–Global										
Betashares U.S. Trs Bd 20+ Yr ETF Ccy H	GGOV	11.9	-3.1	-0.2	-13.3	-	-	-0.1	40	38.9
Betashares US Trs Bd 7-10 Year Ccy H ETF	US10	5.7	-	-	-	-	-	0.0	13	87.0
Global X US Treasury Bond (Ccy Hdg) ETF	USTB	5.4	1.8	1.9	-	-	-	-0.3	289	7.4
Global X USD Corporate Bd (Ccy Hdg) ETF	USIG	8.9	4.5	-	-	-	-	-0.8	2,813	1.7
iShares Global Aggregate Bd ESG AUDH ETF	AESG	5.2	3.0	4.9	-	-	-	-0.2	3	100.0
iShares U.S. Treasury Bond AUDH ETF	IUSG	5.0	-	-	-	-	-	0.1	-	-
JPMorgan Global Bond Active ETF	JPGB	-	-	-	-	-	-	-	-	-
VanEck 1-3 Month US Treasury Bond ETF	TBIL	-4.2	0.1	-	-	-	-	0.3	22	68.6
Vanguard Etcly Cons Gbl Aggt Bd H ETF	VEFI	5.8	3.1	5.0	-4.0	-0.1	-	-0.2	4,909	3.2
Vanguard Global Aggregate Bd Hdg ETF	VBND	5.9	3.2	5.2	-4.0	-	-	-0.1	11,935	3.1
Vanguard Intl Fxd Intr (Hdg) ETF	VIF	5.1	2.5	4.7	-3.8	-0.2	-	-0.1	1,353	4.1

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Bonds–Global / Australia										
Betashares Sstby Ldrs Dvrs Bd ETF Ccy Hd	GBND	5.3	4.3	6.4	-4.6	-	-	0.0	573	11.7
Macquarie Dynamic Bond Active ETF	MQDB	-	-	-	-	-	-	-	-	-
Bonds–Inflation-Linked										
Betashares Infl-Protcd US Trs Bd CcyH ETF	UTIP	4.1	-	-	-	-	-	0.0	-	-
iShares Government Inflation ETF	ILB	5.7	5.1	9.1	-0.6	2.6	3.5	0.1	14	99.6
Commodities & Precious Metals										
Betashares Crude Oil ETF Ccy Hgd(Synth)	OOO	-19.3	6.0	-6.8	21.6	-6.5	-15.5	-1.1	2	100.1
Betashares Gold Bullion ETF Ccy Hedged	QAU	9.3	6.8	10.7	0.6	7.4	4.2	-0.1	1	100.0
Global X Bloomberg Cmnty ETF Synthetic	BCOM	-9.9	-	-	-	-	-	-0.1	27	147.6
Global X Physical Gold	GOLD	4.2	5.0	12.6	6.7	10.2	8.0	-0.1	1	100.0
Global X Physical Palladium	ETPMPD	-18.0	-13.2	-38.1	-19.4	-2.3	7.0	0.2	1	100.0
Global X Physical Platinum	ETPMPT	3.0	9.1	-6.6	1.3	5.0	-0.8	-0.6	1	100.0
Global X Physical Precious Metals Basket	ETPMPM	-1.4	1.6	-3.7	-1.2	7.1	6.1	-0.3	4	100.0
Global X Physical Silver	ETPMAG	-2.6	3.0	-1.7	-0.1	9.1	4.3	0.0	1	100.0
iShares Physical Gold ETF	GLDN	-	-	-	-	-	-	-	3	100.0
Perth Mint Gold ETF	PMGOLD	4.6	5.1	12.6	7.1	10.8	8.4	0.0	-	-
VanEck Gold Bullion ETF	NUGG	5.0	5.9	13.5	-	-	-	0.4	3	100.1
Diversified Credit										
Betashares Active Australian Hybrids ETF	HBRD	1.3	3.5	4.0	3.3	3.7	-	-0.2	89	34.7
Betashares Aus Bank Sr Fltng Rt Bd ETF	QPON	1.3	2.7	5.4	2.0	2.4	-	0.1	12	90.4
Betashares Aus Inv Grd Corp Bd ETF	CRED	5.9	6.6	11.2	-2.8	2.0	-	0.4	50	26.4
iShares Core Global Corp Bd AUDH ETF	IHCB	6.5	4.5	5.9	-3.8	0.8	-	-0.2	241	97.7
iShares Yield Plus ETF	IYLD	2.0	3.4	5.5	1.4	-	-	0.2	138	15.5
Janus Henderson Sust Crdt ActETF(Mgd Fd)	GOOD	3.0	4.2	-	-	-	-	0.2	-	-
Macquarie Income Opportunities Actv ETF	MQIO	-	-	-	-	-	-	-	1	100.0
Russell Inv Australian Select CorpBd ETF	RCB	2.4	3.6	5.7	-0.1	2.2	2.8	0.0	12	98.0
Schroder Absolute Return Income ETF	PAYS	2.7	3.9	5.8	1.5	-	-	-0.1	4	100.0
VanEck Australian Corp Bd+ ETF	PLUS	4.0	5.3	8.3	-1.7	1.8	-	0.1	-	-
VanEck Australian Fltng Rt ETF	FLOT	1.3	2.5	4.8	2.0	2.1	-	0.1	-	-
Vanguard Australian Corp Fxd Intr ETF	VACF	3.1	4.4	6.7	-0.9	1.8	-	0.0	436	8.7
Vanguard Intl Credit Secs (Hdg) ETF	VCF	6.4	4.3	6.4	-3.8	0.7	-	-0.3	6,598	1.7
Equity Asia Pacific w/o Japan										
abrdn Sustainable Asian Oppo Act ETF	ASAO	-0.8	-5.1	-5.7	-	-	-	1.8	64	48.7
Ellerston Asia Growth (Hedge Fund) ETF	EAFZ	3.9	7.9	-4.8	-7.2	-7.2	-	0.0	38	50.9
iShares Asia 50 ETF (AU)	IAA	0.3	-3.7	3.7	-7.4	3.3	6.9	0.4	11	100.0
Platinum Asia ETF	PAXX	-2.3	-4.3	-0.8	-4.1	5.9	-	0.5	-	-
Vanguard FTSE Asia ex Japan Shrs ETF	VAE	0.9	0.7	5.5	-2.2	4.6	-	0.1	1,538	25.6
Equity Australia Derivative Income										
Global X Nasdaq 100 Covered Call ETF	OYLD	0.3	0.3	-	-	-	-	0.6	102	46.0
Global X S&P 500 Covered Call ETF	UYLD	-1.9	-2.2	-	-	-	-	0.6	503	27.9
Global X S&P/ASX 200 Covered Call ETF	AYLD	4.4	6.3	-	-	-	-	0.1	200	44.6
Equity Australia Large Blend										
AB Managed Volatility Equities ETF MVE	AMVE	4.9	-0.7	5.9	5.0	7.0	-	0.4	52	45.3
Airlie Australian Share ETF	AASF	9.0	12.7	17.5	12.8	14.1	-	0.3	-	-
Australian Ethical High Conviction ETF	AEAE	3.2	-2.4	6.2	-	-	-	0.2	-	-
Betashares Aus Ex-20 Port Divrs ETF	EX20	6.1	3.2	9.2	5.0	8.2	-	-0.3	181	20.7
Betashares Aus Top 20 Eq Yld Mxmsr ETF	YMAX	7.7	8.4	13.3	10.5	8.4	5.0	0.1	50	76.2
Betashares Australia 200 ETF	A200	8.5	7.6	12.4	9.6	10.4	-	0.0	201	48.6

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Betashares Australian Quality ETF	AQLT	8.5	9.6	17.4	-	-	-	0.1	40	44.7
Betashares Australian Sustnby Ldrs ETF	FAIR	5.8	2.5	13.3	3.8	7.4	-	0.1	82	37.3
Betashares Managed Risk AUS Shr ETF	AUST	7.2	5.9	7.0	4.7	5.4	-	-0.2	200	47.6
Dimensional AustralianCoreEquityTrustETF	DACE	5.8	5.9	7.4	4.7	5.9	3.9	0.0	537	31.1
Global X Australia ex Fincls & Res ETF	OZXX	6.2	3.9	-	-	-	-	-0.7	99	52.6
IML Concnr AUS Shr Fd (Quoted Mngd Fd)	IMLC	3.4	-	-	-	-	-	0.0	-	-
Intelligent Investor AUS Eq Inc ETF	INIF	8.3	4.6	1.4	11.3	10.4	-	0.0	-	-
Intelligent Investor Aust Eq Gr ETF	IIGF	7.8	6.8	2.4	9.2	-	-	0.0	-	-
Intelligent Investor Ethical Share ETF	INES	9.5	8.7	11.1	5.9	-	-	-0.3	-	-
iShares Core MSCI Australia ESG ETF	IESG	10.4	7.4	16.1	-	-	-	0.0	112	55.4
iShares Core S&P/ASX 200 ETF	IOZ	8.4	7.5	12.3	9.2	10.2	7.8	0.0	206	47.2
iShares Edge MSCI Australia Mini Vol ETF	MVOL	6.9	4.2	11.2	7.7	7.7	-	0.0	92	40.2
iShares Edge MSCI Australia Mltfctr ETF	AUMF	8.3	7.6	9.4	6.5	8.4	-	-0.2	133	37.2
iShares S&P/ASX 20 ETF	ILC	9.6	9.8	13.3	11.0	10.8	7.1	-0.1	24	75.9
Milford Australian Abs Gr Quoted Class H	MFOA	6.4	2.9	-	-	-	-	0.0	60	-
SPDR® S&P/ASX 200 ESG ETF	E200	8.7	8.1	12.7	10.0	-	-	-0.1	97	56.2
SPDR® S&P/ASX 200 ETF	STW	8.3	7.5	12.2	9.1	10.2	7.7	0.0	209	47.0
SPDR® S&P/ASX 50 ETF	SFY	8.8	8.1	13.0	10.2	10.2	7.3	0.0	54	58.6
VanEck Australian Equal Wt ETF	MVW	6.5	5.7	12.2	8.8	10.2	-	-0.1	76	14.4
VanEck MSCI AUS Sust Eq ETF	GRNV	10.2	6.3	16.4	7.4	9.5	-	0.0	85	42.0
Vanguard Australian Shares ETF	VAS	8.4	7.4	12.1	9.0	10.3	7.8	0.0	301	46.3
Vanguard Ethically Cnscs Aust Shrs ETF	VETH	9.6	7.7	12.1	7.3	-	-	-0.1	251	49.2
Vanguard MSCI Australian Large Coms ETF	VLC	9.9	10.3	13.4	11.5	11.4	7.4	-0.1	18	79.7
Equity Australia Large Geared										
Betashares Geared Australian Equity ETF	GEAR	17.6	13.1	21.1	16.2	15.9	-	0.0	-	-
Equity Australia Large Growth										
Switzer Dividend Growth ETF	SWTZ	5.8	4.8	6.7	7.4	7.7	-	0.4	-	-
Equity Australia Large Value										
Betashares Australian Div Harvester ETF	HVST	8.0	6.4	9.9	5.1	5.2	-	-0.1	52	71.6
Betashares FTSE RAFI Australia 200 ETF	QOZ	8.7	8.8	12.0	11.6	10.6	8.1	0.0	195	50.9
Betashares Martin Currie Equity Inc ETF	EINC	5.0	3.3	7.1	7.1	7.3	-	0.0	-	-
Global X S&P/ASX 200 High Dividend ETF	ZYAU	7.3	10.7	9.4	3.0	2.2	-	-0.1	50	75.5
iShares S&P/ASX Div Opps ESG Scrdm ETF	IHD	11.0	11.9	14.5	8.0	9.2	4.3	-0.1	51	72.9
Perennial Income Generator Fund	EIGA	6.4	6.2	10.8	8.7	8.0	-	0.0	32	64.1
Russell Inv Australian Rspnb Inv ETF	RARI	9.6	5.2	10.9	7.7	7.9	-	-0.1	97	43.2
Russell Inv High Dividend Aus Shrs ETF	RDV	7.2	6.6	8.6	8.9	7.8	5.6	-0.1	50	48.9
SPDR® MSCI Australia Sel Hi Div Yld ETF	SYI	6.2	6.2	8.6	8.8	9.4	5.9	0.0	61	72.9
VanEck Mrngstr Aust Mt Inc ETF	DVDY	4.6	0.8	5.8	4.7	-	-	0.0	25	41.1
Vanguard Australian Shares High Yld ETF	VHY	7.1	8.1	11.4	12.3	11.6	6.9	0.0	72	65.4
Equity Australia Long Short										
K2 Australian Small Cap ETF	KSM	5.3	6.7	3.1	-3.5	2.1	-	0.0	-	-
Monash Investors Small Comps Tr (Hdg)	MAAT	2.5	2.2	4.0	-	-	-	0.0	-	-
Equity Australia Mid/Small Blend										
Betashares Australian Small Coms Sel ETF	SMML	7.6	7.8	7.1	1.8	8.0	-	-0.2	69	28.6
iShares S&P/ASX Small Ordinaries ETF	ISO	8.2	5.9	6.8	0.6	5.9	5.5	0.1	206	13.6
Perennial Better Future Fund	IMPQ	4.6	-1.8	4.7	-2.1	-	-	0.0	47	45.0
SPDR® S&P/ASX Small Ordinaries ETF	SSO	8.3	6.1	7.0	0.8	6.3	5.8	0.1	207	13.6
VanEck S&P/ASX MidCap ETF	MVE	4.7	2.8	7.3	6.5	11.2	5.0	0.1	51	32.5
VanEck Small Coms Masters ETF	MVS	8.7	8.0	7.8	2.3	5.2	-	-0.1	81	25.4
Vanguard MSCI Australian Small Coms ETF	VSO	6.4	5.1	6.7	4.7	9.9	7.7	0.0	187	17.3

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Equity Australia Mid/Small Value										
Perpetual ESG Australia ShareETF E	GIVE	3.6	4.7	12.4	-	-	-	0.2	-	-
Equity Australia Other										
Betashares Australian Fincls Sect ETF	QFN	8.1	10.5	11.0	11.8	8.1	5.4	-0.2	28	92.5
Betashares Australian Res Sect ETF	QRE	8.1	8.1	12.1	14.9	15.6	8.9	0.1	44	84.4
Betashares Martin Currie Real Income ETF	RINC	9.3	2.8	7.2	5.3	4.6	-	-0.1	-	-
Betashares S&P/ASX Australian Tech ETF	ATEC	9.1	11.9	35.3	-1.7	-	-	0.0	38	78.8
SPDR® S&P/ASX 200 Fincls EX A-REIT ETF	OZF	8.1	10.6	10.8	11.8	8.1	5.4	-0.1	29	90.7
SPDR® S&P/ASX 200 Resources ETF	OZR	8.2	7.9	12.2	14.4	15.2	8.7	0.0	48	82.0
VanEck Australian Banks ETF	MVB	9.6	12.7	11.1	13.6	9.5	6.7	-0.1	8	100.0
VanEck Australian Resources ETF	MVR	3.8	2.6	10.0	13.4	14.2	10.3	-0.1	29	59.5
Equity Australia Real Estate										
SPDR® S&P/ASX 200 Listed Property ETF	SLF	16.4	12.9	17.2	5.3	5.8	8.8	0.3	23	84.9
VanEck Australian Property ETF	MVA	14.4	8.3	10.1	3.8	5.1	9.1	0.4	18	82.5
Vanguard Australian Property Secs ETF	VAP	16.4	12.8	16.6	5.6	6.2	9.3	0.2	33	81.6
Equity Emerging Markets										
Betashares Martin Currie Em Mkts ETF	EMMG	2.0	-2.8	5.5	-5.5	-	-	0.1	-	-
Fidelity Global Emerging Markets ETF	FEMX	0.8	-3.3	4.4	-1.3	7.6	-	0.6	-	-
iShares MSCI Emerging Markets ETF (AU)	IEM	1.9	0.8	7.9	-2.2	3.2	4.5	0.6	9	99.9
JPMorgan Em Mkts Rsh Enh Idx Eq Act ETF	JREM	1.1	-	-	-	-	-	0.0	2	98.8
SPDR® S&P Emerging Mkts Crb Ctrl ETF	WEMG	0.6	0.7	7.5	-1.1	3.8	5.3	0.7	956	18.1
VanEck MSCI Mltfac EmMkts Eq ETF	EMKT	2.3	6.0	20.0	6.4	7.7	-	0.9	247	23.0
Vanguard FTSE Emerging Markets Shrs ETF	VEE	0.9	0.9	7.6	0.0	4.5	4.9	0.6	4,674	17.9
Equity Europe										
Betashares Europe ETF-Ccy Hdg	HEUR	7.9	2.1	18.7	8.5	9.7	-	-0.1	141	34.9
Global X EURO STOXX 50® ETF	ESTX	7.0	1.7	25.0	11.4	10.8	-	0.5	-	-
iShares Europe ETF (AU)	IEU	5.4	2.6	18.8	10.4	9.4	6.7	0.6	5	100.0
Vanguard FTSE Europe Shares ETF	VEQ	5.9	2.8	18.6	9.3	9.1	-	0.5	1,294	19.6
Equity Global Infrastructure										
JPMorgan Sustainable Infrast Act ETF	JPSI	8.5	1.1	5.6	-	-	-	0.0	55	32.0
Vanguard Global Infrastructure ETF	VBLD	5.3	-0.6	-0.5	7.6	7.2	-	0.5	142	38.2
Equity Global Infrastructure—Currency Hedged										
iShares Core FTSE Global Infrast AUDH ETF	GLIN	8.9	0.3	-	-	-	-	0.4	149	35.4
Magellan Infrastructure Ccy Hdg ETF	MICH	12.1	3.4	5.9	4.7	5.0	-	-0.3	-	-
MFG Core Infrastructure ETF	MCSI	11.6	2.1	3.3	4.5	6.4	8.6	0.0	-	-
VanEck FTSE Gbl Infrast(Hdg)ETF	IFRA	8.8	0.2	0.1	3.8	5.0	-	0.3	143	35.5
Equity Global Real Estate										
Hejaz Property ETF	HJZP	8.5	7.4	-0.6	-	-	-	-0.1	-	-
iShares Core FTSE Gbl Prpty ExAusAUDHETF	GLPR	13.3	6.9	-	-	-	-	0.0	362	27.3
Resolution Capital Global Prpty Sec ETF	RCAP	13.0	6.8	8.0	1.7	3.3	6.2	-0.1	47	43.2
SPDR® Dow Jones Global Real Estt ESG ETF	DJRE	9.9	6.6	10.8	6.8	3.5	6.2	1.0	252	37.6
VanEck FTSE Intl Prop Hdg ETF	REIT	13.5	7.0	7.7	1.4	-	-	0.5	340	34.6
Equity Global Resources										
Betashares Energy Transition Metals ETF	XMET	-1.1	-9.4	-3.1	-	-	-	-0.5	34	54.8
Betashares Glb Energy Coms ETF-Ccy Hdg	FUEL	-3.4	7.0	1.0	23.3	6.6	-	0.2	44	54.4
Betashares Glb Gold Miners ETF-Ccy Hdg	MNRS	11.6	2.0	-0.5	-5.2	10.3	-	-0.2	46	59.5
Betashares Global Uranium ETF	URNM	-0.5	45.1	56.5	-	-	-	0.2	37	76.7
Global X Copper Miners ETF AUD Inc	WIRE	-1.2	-0.4	8.1	-	-	-	-0.2	39	50.7

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Global X Green Metal Miners ETF	GMTL	-7.9	-17.6	-21.2	-	-	-	-0.1	51	46.7
Global X Uranium ETF AUD Inc	ATOM	1.0	31.0	43.8	-	-	-	0.8	47	65.9
Janus Henderson Net Zero Tns Res Act ETF	JZRO	4.9	1.3	3.0	-	-	-	0.0	-	-
Platinum Global Transition ETF	PGTX	-2.2	-1.0	-	-	-	-	0.7	-	-
VanEck Global Clean Energy ETF	CLNE	3.9	-12.2	-13.5	-	-	-	0.1	37	48.0
VanEck Gold Miners ETF	GDX	10.9	2.9	9.6	0.8	10.0	-	-0.1	60	63.7
Equity Global Technology										
Betashares Cloud Computing ETF	CLDD	13.8	11.3	40.2	-	-	-	-1.2	36	44.1
Betashares Global Cybersecurity ETF	HACK	12.0	15.6	38.4	11.3	19.3	-	-0.7	32	46.8
Betashares Metaverse ETF	MTAV	11.6	11.6	54.7	-	-	-	-0.1	46	46.0
Betashares Video Games and Esports ETF	GAME	4.1	-3.5	12.8	-	-	-	-1.0	44	69.0
Global X Cybersecurity ETF	BUGG	13.9	-	-	-	-	-	0.0	23	58.4
Global X Fintech & Blockchain ETF	FTEC	19.1	16.5	46.6	-	-	-	-0.8	67	15.5
Global X Morningstar Global Tech ETF	TECH	7.3	5.2	38.4	6.4	17.4	-	-0.3	-	-
Global X Semiconductor ETF	SEMI	17.3	12.9	69.7	-	-	-	0.1	-	-
iShares Future Tech Innovators ETF	ITEK	6.0	-0.7	14.7	-	-	-	-0.1	12	99.9
Equity Greater China										
iShares China Large-Cap ETF (AU)	IZZ	-12.5	-11.9	-13.4	-14.7	-6.8	0.4	0.2	11	100.0
VanEck China New Economy ETF	CNEW	-4.0	-9.5	-6.6	-7.7	7.0	-	0.4	122	10.0
VanEck FTSE China A50 ETF	CETF	-11.1	-7.6	-12.2	-10.9	2.5	-	0.3	53	47.3
Equity Japan										
Betashares Japan ETF-Ccy Hdg	HJPN	4.0	3.7	35.9	11.4	13.6	-	0.0	143	36.3
iShares MSCI Japan ETF (AU)	IJP	1.8	2.2	19.1	4.0	7.0	7.3	0.2	8	100.0
Equity North America										
Betashares NASDAQ 100 ETF	NDQ	8.2	8.3	53.2	14.1	22.6	-	0.1	102	45.5
Betashares NASDAQ 100 ETF Ccy H	HNDQ	13.3	9.4	50.3	7.0	-	-	-0.1	102	45.5
Betashares NASDAQ 100 Yield Maximiser	QMAX	3.8	5.2	38.2	-	-	-	1.2	3	100.0
Betashares S&P 500 Equal Weight ETF	QUS	5.6	3.5	12.5	13.2	12.3	-	0.6	-	-
Global X FANG+ ETF	FANG	11.8	9.7	94.4	15.8	-	-	-0.1	11	99.9
Global X S&P 500 Hi Yld Low Vol ETF	ZYUS	3.4	2.2	0.0	12.1	6.5	-	0.4	-	-
Global X Ultra Long Nasdaq 100 Hedge Fd	LNAS	30.9	17.2	134.9	5.3	-	-	-0.3	3	226.2
Global X US 100 ETF	N100	8.2	-	-	-	-	-	-0.1	101	51.5
iShares S&P 500 AUD Hedged ETF	IHVV	10.6	6.5	23.0	7.5	12.6	-	0.2	161	100.4
iShares S&P 500 ETF	IVV	5.6	5.3	25.2	14.3	16.0	14.9	0.3	20	100.0
iShares S&P Mid-Cap ETF	IJH	5.5	4.2	15.4	12.3	13.0	12.1	0.2	5	100.0
iShares S&P Small-Cap ETF	IJR	8.8	6.7	15.1	11.4	11.4	11.5	0.2	9	99.8
SPDR® S&P 500 ETF	SPY	5.5	5.1	24.9	14.2	16.0	-	0.3	-	-
VanEck Morningstar Wide Moat (AUD H) ETF	MHOT	-	-	-	-	-	-	-	52	14.1
VanEck Morningstar Wide Moat ETF	MOAT	6.7	4.6	30.7	16.7	17.5	-	0.3	51	26.9
Vanguard US Total Market Shares ETF	VTS	5.9	5.7	25.2	12.8	15.7	14.5	0.3	3,750	26.6
Equity World-Currency Hedged										
Aoris International D Managed Fund Hdg	DAOR	9.6	20.0	0.0	14.1	-	-	0.0	16	75.5
Betashares FTSE 100 Currency Hedged ETF	H100	-	-	-	-	-	-	-	-	-
Betashares Geared US Eq Ccy Hdg ETF	GGUS	25.0	10.9	49.1	9.3	21.1	-	0.3	-	-
Betashares Global Shares Ccy Hdg ETF	HGBL	9.2	6.0	-	-	-	-	0.1	1	100.0
Betashares Global Sstnbtly Ldrs ETF Ccy H	HETH	10.1	6.9	22.0	6.3	-	-	0.2	-	-
Dimensional Global Core Equity AUDHgdETF	DFGH	9.0	6.5	17.8	5.6	9.1	6.9	0.0	-	-
iShares Core MSCI Wld ex Aus ESG AUHD	IHWL	9.8	7.0	27.2	9.4	12.1	-	0.2	1,250	27.3
iShares Global 100 AUD Hedged ETF	IHO0	8.4	4.9	24.4	9.7	13.8	-	0.0	450	50.1
Magellan Global Equities Currency H ETF	MHG	13.7	6.9	22.3	2.9	8.0	-	0.0	-	-

Category & Name	Ticker	Returns (%) ¹						Ave. Premium/Discount ²	Portfolio ³	
		3 Month	6 Month	1 Year	3 Year	5 Year	10 Year		# of Holdings	% in Top 10 Holdings
Morningstar International Shrs Actv ETF	MSTR	7.7	3.6	14.7	6.3	-	-	0.0	395	11.3
SPDR® S&P World ex Aus Cb Ctrl H ETF	WXHG	10.0	6.6	23.9	7.0	11.2	9.0	0.1	2	99.8
VanEck MSCI Intl Quality (Hedg) ETF	QHAL	10.2	7.4	29.3	8.0	-	-	0.3	2	97.8
VanEck MSCI Intl Sm Com Qual (AUD H) ETF	QHSM	-	-	-	-	-	-	-	10	52.3
VanEck MSCI Intl Val (AUD H) ETF	HVLU	-	-	-	-	-	-	-	14	51.1
Vanguard Global Minimum Volatil Act ETF	VMIN	5.3	3.2	5.7	3.0	5.4	-	0.3	-	-
Vanguard MSCI Intl (Hdg) ETF	VGAD	9.2	6.1	21.7	7.4	11.7	-	0.1	1,449	21.0
Equity World Large Blend										
Alphinity Global Equity ETF	XALG	4.8	1.9	16.5	8.7	10.3	-	0.8	-	-
Alphinity Global Sustainable Equity ETF	XASG	5.2	2.7	14.7	-	-	-	0.0	-	-
Betashares Climate Change Innovation ETF	ERTH	-0.2	-9.2	0.1	-	-	-	-0.2	99	39.8
Betashares Glb Rbtcc & Artfcl Intlgc ETF	RBTZ	9.0	-2.9	37.5	-0.5	12.2	-	0.1	43	66.7
Betashares Global Quality Ldrs ETF Ccy H	HOLT	10.9	8.0	29.3	6.4	-	-	0.2	150	20.5
Betashares Global Quality Leaders ETF	QLTY	7.4	6.8	30.2	10.1	15.4	-	0.4	150	20.5
Betashares Global Shares ETF	BGBL	5.3	4.9	-	-	-	-	0.3	1,263	21.3
Dimensional Global Core Equity Trust ETF	DGCE	4.8	3.9	17.1	10.1	10.1	8.1	0.0	-	-
Firetrail S3 Global Opportunities ETF	S3GO	1.4	3.4	19.7	-	-	-	0.5	-	-
Global X Battery Tech & Lithium ETF	ACDC	-4.9	-15.0	7.3	6.2	18.0	-	0.3	-	-
iShares Core MSCI Wld Ex Aus ESG ETF	IWLD	5.9	5.9	28.9	14.1	14.4	-	0.4	687	28.0
iShares Edge MSCI World Minimum Vol ETF	VVOL	2.3	1.5	6.7	7.6	7.6	-	0.6	396	10.3
iShares Edge MSCI World Multifactor ETF	WDMF	3.1	3.9	14.6	10.1	10.5	-	0.5	481	26.4
iShares Global 100 ETF (AU)	IOO	4.5	3.8	26.6	14.8	16.1	13.0	0.3	8	99.9
Janus Henderson Global Sust Eq Actv ETF	FUTR	7.4	2.5	22.1	-	-	-	0.0	-	-
JPMorgan Climate Change Sol Actv ETF	T3MP	6.7	-1.6	9.6	-	-	-	0.0	61	39.0
JPMorgan Glb Rsrch Enh Eq Actv H ETF	JRHG	-	-	-	-	-	-	-	-	-
JPMorgan Global Rsrch Enh Eq Actv ETF	JREG	5.4	5.3	24.9	-	-	-	0.0	659	23.3
Magellan Global (Open Class)	MGOC	7.0	3.3	22.0	7.8	9.5	10.5	0.2	-	-
Magellan High Conviction ETF	MHHT	11.2	10.1	36.5	8.0	-	-	-0.1	-	-
Magellan Sustainable ETF	MSUF	9.4	10.6	34.4	10.9	-	-	-2.9	-	-
MFG Core ESG ETF	MCSE	8.6	5.5	25.4	10.7	-	-	1.0	-	-
MFG Core International ETF	MCSG	8.5	4.2	23.9	10.5	-	-	1.9	-	-
Montaka Global Long Only Equities ETF	MOGL	9.5	13.5	55.7	6.6	6.7	-	0.0	23	75.8
Munro Climate Change Leaders ETF	MCCL	5.5	1.7	15.1	-	-	-	0.0	-	-
Nanuk New World ETF	NNUK	7.6	5.1	22.4	-	-	-	0.2	71	37.1
Platinum International ETF	PIXX	0.1	-0.1	4.1	5.9	7.6	-	0.0	-	-
SPDR® MSCI World Quality Mix ETF	QMIX	4.4	4.6	18.8	12.2	12.6	-	0.4	939	14.5
SPDR® S&P World ex Aus Crb Ctrl ETF	WXOZ	6.3	5.4	25.2	11.0	13.0	11.3	0.1	913	21.6
VanEck Morningstar Intl Wide Moat ETF	GOAT	5.8	2.4	14.0	10.1	-	-	0.5	61	22.4
VanEck Msci International Quality Etf	QUAL	6.1	6.2	31.3	13.3	17.1	-	0.5	310	33.1
VanEck MSCI Intl Sust Eq ETF	ESGI	7.5	8.1	18.7	10.9	12.8	-	0.4	160	38.4
Vanguard Etcly Cons Intl Shrs ETF	VESG	6.3	5.5	26.6	10.6	13.9	-	0.2	1,538	25.3
Vanguard MSCI Intl ETF	VGS	5.3	4.9	23.3	11.8	13.7	-	0.4	1,444	21.0
Equity World Large Growth										
Aoris International B Managed Fund	BAOR	10.8	7.1	29.8	16.9	16.9	-	0.0	16	75.5
Apostle Dundas Global Equity Fund D ETF	ADEF	8.4	4.0	19.9	-	-	-	0.5	61	25.6
Betashares Global Cash Flow Kings ETF	CFLO	-	-	-	-	-	-	-	200	36.3
Betashares Global Sstnbtly Ldrs ETF	ETHI	6.4	5.8	23.5	10.9	18.2	-	0.5	203	32.2
Fidelity Global Demographics ETF	FDEM	7.1	1.1	22.0	6.6	12.0	12.2	0.9	-	-
Hyperion Global Growth Companies ETF	HYGG	12.8	10.9	69.3	5.2	16.9	-	0.0	24	75.0
Loftus Peak Global Disruption Mgd Fd ETF	LPGD	15.3	13.1	61.2	10.1	20.5	15.3	-0.2	-	-
Loomis Sayles Global Equity Quoted Mgd	LSGE	7.7	7.4	29.2	-	-	-	0.0	38	40.0
Macquarie Walter Scott Global Eq Actv ETF	MQWS	-	-	-	-	-	-	-	-	-
Munro Concentrated Global Growth ETF	MCGG	7.0	5.5	26.2	-	-	-	0.0	-	-

Category & Name	Ticker	Returns (%) ¹						Avg. Premium/Discount ²	Portfolio ³	
		3 Month	6 Month	1 Year	3 Year	5 Year	10 Year		# of Holdings	% in Top 10 Holdings
WCM Quality Gbl Gr ETF (Quoted Mgd)	WCMQ	7.4	5.1	25.1	3.1	13.1	-	-0.1	-	-
Equity World Large Value										
Antipodes Global Shares ETF	AGX1	1.9	0.4	15.6	7.8	9.4	-	-0.1	64	27.1
Barrow Hanley Global Share ETF E	GLOB	2.4	2.4	14.1	-	-	-	0.4	63	25.8
Betashares Global Income Leaders ETF	INCM	3.8	5.2	5.8	12.2	5.8	-	0.2	100	19.6
SPDR® S&P Global Dividend ETF	WDIV	5.8	5.3	7.1	8.8	4.9	6.4	0.1	109	17.6
VanEck MSCI Intl Val ETF	VLUE	2.2	4.6	17.0	-	-	-	0.5	260	21.2
Vanguard Global Value Equity Active ETF	VVLU	4.8	10.2	18.8	18.5	12.2	-	0.2	-	-
Equity World Long Short										
Montaka Global Extension ETF	MKAX	11.5	16.4	64.0	1.0	-	-	0.0	-	-
Munro Global Growth ETF	MAET	9.3	6.1	15.9	1.5	-	-	-0.4	-	-
Equity World Mid/Small										
VanEck MSCI Intl Sm Com Qual ETF	QSML	7.0	7.6	26.9	-	-	-	0.4	157	12.7
Vanguard MSCI International SC ETF	VISM	6.4	4.9	15.5	7.3	10.4	-	0.1	3,994	1.7
Vaughan Nelson Global Equity SMID ETF	VNGS	4.8	4.9	16.7	-	-	-	0.0	66	22.7
Equity World Other										
Betashares Asia Technology Tigers ETF	ASIA	3.2	5.2	14.0	-10.8	9.5	-	-0.1	50	66.8
Betashares Crypto Innovators ETF	CRYP	67.4	42.1	214.5	-	-	-	1.8	29	69.1
Betashares Digital Health and Tmdcn ETF	EDOC	7.0	-11.5	-8.1	-	-	-	0.3	40	59.0
Betashares Electric Vhcl & Fut Mblty ETF	DRIV	-2.0	-4.2	18.8	-	-	-	0.5	48	55.1
Betashares FTSE 100 ETF	F100	0.9	2.1	13.0	11.6	-	-	0.9	100	47.9
Betashares Future of Food ETF	IEAT	3.7	-2.1	-4.8	-	-	-	0.3	48	56.8
Betashares Future of Payments ETF	IPAY	19.6	10.2	26.0	-	-	-	-1.2	35	52.0
Betashares Gbl Agltr Coms ETF-Ccy Hdg	FOOD	-0.6	-1.2	-4.5	5.9	7.5	-	0.4	60	58.2
Betashares Gbl Banks ETF-Ccy Hdg	BNKS	10.2	10.6	12.0	9.2	4.5	-	-0.2	59	48.3
Betashares Gbl Healthcare ETF-Ccy Hdg	DRUG	2.7	1.3	1.4	6.4	9.0	-	0.4	62	49.2
Betashares India Quality ETF	IIND	3.8	7.9	16.0	9.8	-	-	0.8	30	50.1
Betashares Online Retail and E-cmmrc ETF	IBUY	6.2	7.8	25.6	-	-	-	-1.6	71	59.7
Betashares S&P 500 Yield Maximiser ETF	UMAX	1.1	1.8	19.0	11.9	9.9	-	0.4	2	100.0
Betashares Solar ETF	TANN	-0.6	-22.9	-20.6	-	-	-	0.1	38	55.8
Global X Hydrogen ETF	HGEN	-6.8	-22.2	-21.6	-	-	-	-0.5	-	-
Global X India Nifty 50 ETF	NDIA	2.8	7.0	15.9	13.9	-	-	1.4	-	-
Global X ROBO Gbl Rbct & Atmtn ETF	ROBO	8.0	-3.8	23.2	2.6	13.0	-	-0.1	-	-
Global X S&P Biotech ETF	CURE	15.5	4.5	6.8	-10.6	4.7	-	0.4	-	-
Hejaz Equities ETF	ISLM	4.3	3.8	7.3	-	-	-	0.1	-	-
iShares Global Consumer Staples ETF (AU)	IXI	-0.1	-3.9	1.3	7.0	8.1	8.4	0.9	5	100.0
iShares Global Healthcare ETF (AU)	IXJ	0.1	0.1	2.8	9.8	10.8	11.9	1.0	8	100.0
iShares MSCI EAFE ETF (AU)	IVE	4.5	2.5	17.0	8.1	8.4	6.8	0.4	8	100.0
iShares MSCI South Korea ETF (AU)	IKO	7.4	3.0	17.7	-3.3	4.3	4.7	0.8	8	100.0
Talaria Global Equity Currency Hdg ETF	TLRH	2.4	3.3	11.4	10.9	9.4	6.7	0.0	-	-
Talaria Global Equity ETF	TLRA	0.1	2.6	12.5	13.3	10.2	8.6	0.0	-	-
VanEck Global Hlthcr Ldrs ETF	HLTH	3.1	1.3	-1.0	0.7	-	-	0.5	56	23.3
VanEck Video Gaming & eSprts ETF	ESPO	5.2	0.7	32.2	0.7	-	-	-0.3	32	60.8
Vanguard All-World ex-US Shares ETF	VEU	4.0	2.9	14.9	5.8	7.7	6.8	0.7	3,856	9.7
Miscellaneous										
Betashares Global Royalties ETF	ROYL	-1.4	2.8	-2.9	-	-	-	0.6	30	78.2
Betashares US Dollar ETF	USD	-4.2	0.0	4.0	6.0	2.1	3.5	0.2	1	-
Coolabah Short Term Income Managed ETF	FRNS	2.8	-	-	-	-	-	0.0	-	-
Global X 21Shares Bitcoin ETF	EBTC	-8.0	-2.7	32.3	-	-	-	1.0	-	-
Global X 21Shares Ethereum ETF	EETH	-6.7	-6.1	21.1	-	-	-	-0.4	-	-

Category & Name	Ticker	Returns (%) ¹						Avge. Premium/Discount ²	Portfolio ³	
		3 Month	6 Month	1 Year	3 Year	5 Year	10 Year		# of Holdings	% in Top 10 Holdings
Global X Global Carbon ETF (Synthetic)	GCO2	-2.2	-7.3	-3.3	-	-	-	-1.0	8	102.5
Global X Ultra Short Nasdaq 100 Hedge Fd	SNAS	-26.8	-20.9	-64.0	-30.8	-	-	0.3	3	-245.7
Hejaz Sukuk Active ETF A	SKUK	-	-	-	-	-	-	-	-	-
JPMorgan Equity Premium Inc Act ETF Hdg	JHPI	4.6	2.5	-	-	-	-	-0.2	2	96.4
JPMorgan Equity Premium Income ActiveETF	JEPI	-0.6	0.8	7.9	-	-	-	0.0	2	99.0
JPMorgan US 100Q Eq Prm Inc Act ETF AUD	JPEQ	3.5	5.8	-	-	-	-	0.9	2	99.0
JPMorgan US 100Q Eq Prm Inc Act ETFAUDH	JPHQ	8.9	7.4	-	-	-	-	0.3	2	99.2
VanEck Global Carbon Crds ETF Synthetic	XCO2	-1.4	-6.5	-1.8	-	-	-	0.7	7	99.7
VanEck Global Listed Private Equity ETF	GPEQ	11.8	20.4	42.4	-	-	-	0.2	55	64.5
Multisector Aggressive										
Betashares Diversified All Growth ETF	DHHF	6.3	5.6	17.4	9.5	-	-	0.6	4	100.0
Betashares Ethical Divers High Gr ETF	DZZF	6.1	4.5	18.2	6.9	-	-	0.2	3	100.0
Betashares Managed Risk Global Share ETF	WRLD	4.0	3.3	15.6	9.2	9.0	-	-1.5	8	100.0
Intelligent Investor Select Val Shr ETF	IISV	10.7	12.1	-	-	-	-	0.0	-	-
iShares High Growth ESG ETF	IGRO	7.7	6.7	21.0	-	-	-	0.1	7	100.0
Vanguard Diversified High Growth ETF	VDHG	6.9	5.7	15.8	7.6	10.2	-	0.1	7	100.0
Multisector Balanced										
Betashares Ethical Diversified Bal ETF	DBBF	5.8	4.4	12.9	1.9	-	-	0.2	3	100.0
iShares Balanced ESG ETF	IBAL	5.9	5.2	13.4	-	-	-	-0.7	8	99.9
Vanguard Diversified Balanced ETF	VDBA	6.1	4.6	10.9	2.5	5.7	-	0.0	7	100.0
Multisector Flexible										
Schroder Real Return (Managed Fund)	GROW	4.5	4.3	6.7	2.5	4.0	-	0.1	-	-
Multisector Growth										
Betashares Ethical Diversified Gr ETF	DGGF	5.9	4.5	15.5	4.4	-	-	0.1	3	100.0
Vanguard Diversified Growth ETF	VDGR	6.5	5.1	13.4	5.0	7.9	-	0.0	7	100.0
Multisector Moderate										
Vanguard Diversified Conservative ETF	VDCO	5.4	3.9	8.4	0.5	3.6	-	-0.1	7	100.0
Non-Investment-Grade Debt										
Global X USD High Yld Bond (Ccy Hdg) ETF	USHY	6.0	6.0	9.7	-	-	-	-0.3	-	-
iShares Global High Yield Bond AUDH ETF	IHHY	5.6	6.0	9.7	0.5	2.8	-	-0.2	201	97.9
VanEck Australian Sbdntd Dbt ETF	SUBD	1.7	3.7	7.1	3.1	-	-	0.1	-	-
VanEck Benthams Global Cap Secs Actv ETF	GCAP	5.9	8.7	3.9	-	-	-	0.1	70	16.1
Unconstrained Fixed Income										
ActiveX Kapstream Absolute Ret Inc ETF	XKAP	2.1	3.9	6.0	1.9	-	-	-0.1	-	-
Betashares Aust Mjr Bnk Hyb Idx ETF	BHYB	0.8	3.4	2.9	-	-	-	0.0	18	63.5
Betashares Geared Lg AUSGovtBdFd	GGAB	-	-	-	-	-	-	0.0	-	-
Betashares GearedLgUSTrsBdFd-CcyH	GGFD	-	-	-	-	-	-	0.0	-	-
Betashares GearedShrtAUSGovtBdFd	BBAB	-	-	-	-	-	-	0.0	2	-
BetasharesGearedShrtUSTrsBdFdCcyH	BBFD	-	-	-	-	-	-	0.0	2	-
Daintree Core Income Fund	ECOR	2.3	4.3	6.9	1.7	-	-	0.0	-	-
Daintree Hybrid Opportunities ETF	DHOF	2.7	5.6	5.2	2.8	-	-	-0.4	-	-
Elstree Hybrid ETF	EHF1	-0.3	0.9	-1.2	-	-	-	0.0	-	-
JPMorgan Income Active ETF Hdg	JPIE	4.1	-	-	-	-	-	0.8	2	96.6

1 Returns as of end of December 2023; returns over periods greater than one year have been annualized.

2 Average of Monthly Premium/Discount calculated as: Monthly Premium Discount = (Monthly Closing Price/Monthly NAV) - 1; expressed in percentage terms.

3 As per latest available portfolios.

Exhibit 3

Strategic Beta Group			
Dividend	Quality	Multi-Factor	Other
BetaShares Global Income Leaders ETF	BetaShares Australian Quality ETF	iShares Edge MSCI Australia Mltfctr ETF	BetaShares S&P 500 Equal Weight ETF
Global X S&P 500 Hi Yld Low Vol ETF	BetaShares Global Quality Ldrs ETF Ccy H	iShares Edge MSCI World Multifactor ETF	VanEck Australian Equal Wt ETF
Global X S&P/ASX 200 High Dividend ETF	BetaShares Global Quality Leaders ETF	SPDR® MSCI World Quality Mix ETF	VanEck Global Hlthcr Ldrs ETF
iShares S&P/ASX Div Opps ESG Scrnd ETF	BetaShares India Quality ETF	VanEck China New Economy ETF	
Russell Inv Australian Rspnb Inv ETF	Global X Morningstar Global Tech ETF	VanEck MSCI Mltfac EmMkts Eq ETF	
Russell Inv High Dividend Aus Shrs ETF	VanEck Morningstar Intl Wide Moat ETF		
SPDR® MSCI Australia Sel Hi Div Yld ETF	VanEck Morningstar Wide Moat (AUD H) ETF		
SPDR® S&P Global Dividend ETF	VanEck Morningstar Wide Moat ETF		
VanEck Mrrngstr Aust Mt Inc ETF	VanEck Msci International Quality Etf		
VanEck Small Coms Masters ETF	VanEck MSCI Intl Quality (Hedg) ETF		
Vanguard Australian Shares High Yld ETF	VanEck MSCI Intl Sm Com Qual (AUD H) ETF		
	VanEck MSCI Intl Sm Com Qual ETF		
Fixed Income	Fundamentals	Risk-Oriented	Value
BetaShares Aus Inv Grd Corp Bd ETF	Betashares FTSE RAFI Australia 200 ETF	iShares Edge MSCI Australia Mini Vol ETF	VanEck MSCI Intl Val (AUD H) ETF
BetaShares Australian Composite Bond ETF		iShares Edge MSCI World Minimum Vol ETF	VanEck MSCI Intl Val ETF
BetaShares Intst RtHdgAUSInvmGrdCrpBdETF			
VanEck Australian Corp Bd+ ETF			

Sources: i. Morningstar Direct, ii. ASX website (<https://www2.asx.com.au/>); as per data available on Jan. 20, 2024.

Individual investors can get access to our reports at [Morningstar Australia](#), and financial advisors at [Morningstar Adviser Research Centre](#).