U.S.-Listed Exchange Traded Products

Index Directory

S&P Dow Jones Indices

A Division of S&P Global

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Market-Cap Equity Solutions

U.S. Equity	Exchange Traded Fund	Ticker
All-Cap		
S&P Total Market Index	iShares Core S&P Total US Stock Market ETF	ITOT
Dow Jones U.S. Index	iShares Dow Jones U.S. ETF	IYY
Dow Jones U.S. Broad Stock Market Index	Schwab U.S. Broad Market ETF	SCHB
Mega-Cap		
S&P 100®	iShares S&P 100 ETF	OEF
S&P 500 Top 50	Invesco S&P Top 50 ETF	XLG
Large-Cap		
S&P 500®	iShares Core S&P 500 ETF	IVV
	SPDR® S&P 500 ETF	SPY
	Vanguard S&P 500 ETF	VOO
Dow Jones Industrial Average℠	SPDR Dow Jones Industrial Average ETF	DIA
Dow Jones U.S. Large-Cap Total Stock Market Index	Schwab U.S. Large-Cap ETF	SCHX
Mid-Cap		
S&P MidCap 400®	iShares Core S&P MidCap 400 ETF	IJH
	SPDR S&P MidCap 400 ETF	MDY
	Vanguard S&P Mid-Cap 400 ETF	IVOO
Dow Jones U.S. Mid-Cap Total Stock Market Index	Schwab U.S. Mid-Cap ETF	SCHM
SMID		
S&P 1000®	SPDR Portfolio Mid Cap ETF	SPMD
S&P Completion Index	Vanguard Extended Market Index ETF	VXF
Small-Cap		
S&P SmallCap 600®	iShares S&P SmallCap 600 ETF	IJR
	SPDR S&P Small Cap 600 ETF	SLY
	Vanguard S&P Small-Cap 600 ETF	VIOO
Dow Jones U.S. Small-Cap Total Stock Market Index	Schwab U.S. Small-Cap ETF	SCHA
Dow Jones Select MicroCap Index	First Trust Dow Jones Select MicroCap Index ETF	FDM

International Equity	Exchange Traded Fund	Ticker
Developed		
S&P Developed Ex-U.S. BMI	SPDR Portfolio Developed World ex-US ETF	SPDW
S&P Developed Ex-U.S. Cap Range <2 Bil	SPDR S&P International Small Cap ETF	GWX
S&P Europe 350®	iShares Europe ETF	IEV
Emerging		
S&P Asia 50	iShares Asia 50 ETF	AIA
S&P Asia Pacific Emerging BMI	SPDR S&P Emerging Asia Pacific ETF	GMF
S&P China BMI	SPDR S&P China ETF	GXC
S&P Emerging BMI	SPDR Portfolio Emerging Markets ETF	SPEM
S&P Emerging Cap Range<2 Bil	SPDR S&P Emerging Markets Small Cap ETF	EWX
S&P Latin America 40	iShares Latin America 40 ETF	ILF
Global Equity		
S&P Global 100	iShares Global 100 ETF	IOO
The Global Dow	SPDR Global Dow ETF	DGT

Income Solutions

Equity Dividends	Exchange Traded Fund	Ticker
U.S.		
S&P High Yield Dividend Aristocrats®	SPDR S&P Dividend ETF	SDY
S&P 500 Dividend Aristocrats®	ProShares NOBL S&P 500 Dividend Aristocrats ETF	NOBL
Dow Jones U.S. Select Dividend℠ Index	iShares Dow Jones Select Dividend Index Fund	DVY
Dow Jones U.S. Dividend 100 Index	Schwab U.S. Dividend Equity ETF	SCHD
S&P 500 Low Volatility High Dividend Index	Invesco S&P 500 High Dividend Portfolio	SPHD
S&P MidCap 400 Dividend Aristocrats	ProShares S&P Midcap 400 Dividend Aristocrats ETF	REGL
S&P Small Cap 600 Low Volatility High Dividend Index	Invesco S&P SmallCap High Dividend Low Volatility Portfolio	XSHD
S&P 500 High Dividend	SPDR Portfolio S&P 500 High Dividend ETF	SPYD
International		
S&P International Dividend Opportunities Index	SPDR S&P International Dividend ETF	DWX
Dow Jones EPAC Select Dividend℠ Index	iShares Dow Jones International Select Dividend Index Fund	IDV
Dow Jones Asia Pacific Select Dividend 30	iShares Asia/Pacific Dividend ETF	DVYA
Emerging		
S&P Emerging Markets Dividend Opportunities Index	SPDR S&P Emerging Markets Dividend ETF	EDIV
Dow Jones Emerging Markets Select Dividend Index	iShares Emerging Markets Dividend ETF	DVYE
Global		
S&P Global Dividend Opportunities	Invesco S&P Global Dividend Opportunities ETF	LVL
S&P Global Dividend Aristocrats	SPDR S&P Global Dividend ETF	WDIV
Dow Jones Global Composite Yield Total Return Index	Arrow Dow Jones Global Yield ETF	GYLD
Dow Jones Global Select Dividend Index	First Trust Dow Jones Global Select Dividend Index ETF	FGD

Preferreds	Exchange Traded Fund	Ticker
North American		
S&P Enhanced Yield North American Preferred Stock	Global X SuperIncome™ Preferred ETF	SPFF
S&P U.S. Preferred Stock Index	iShares S&P U.S. Preferred Stock Index Fund	PFF
International		
S&P International Preferred Stock Index	iShares S&P International Preferred Stock Index Fund	IPFF

Bank Loans	Exchange Traded Fund	Ticker
S&P/LSTA U.S. Leveraged Loan 100 Index	Invesco Senior Loan Portfolio	BKLN

MLPs	Exchange Traded Fund	Ticker
S&P MLP Index	iPath S&P MLP ETN	IMLP

Municipals	Exchange Traded Fund	Ticker
Investment Grade		
S&P National AMT-Free Municipal Bond Index	iShares S&P National AMT-Free Municipal Index Fund	MUB
	Vanguard Tax-Exempt Bond ETF	VTEB
S&P California AMT-Free Municipal Bond Index	iShares S&P California AMT-Free Municipal Index Fund	CMF
S&P New York AMT-Free Municipal Bond Index	iShares S&P New York AMT-Free Municipal Index Fund	NYF
S&P Short Term National AMT-Free Municipal Bond Index	iShares S&P Short Term AMT-Free Municipal Index Fund	SUB
Maturity-Based		
S&P AMT-Free Muni Series 2017 Index	iShares iBonds Sep 2017 AMT-Free Muni Bond ETF	IBMF
S&P AMT-Free Muni Series 2018 Index	iShares iBonds Sep 2018 AMT-Free Muni Bond ETF	IBMG
S&P AMT-Free Muni Series 2019 Index	iShares iBonds Sep 2019 AMT-Free Muni Bond ETF	IBMH

S&P AMT-Free Muni Series 2020 Index	iShares iBonds Sep 2020 AMT-Free Muni Bond ETF	IBMI
S&P AMT-Free Muni Series 2021 Index	iShares iBonds Sep 2021 AMT-Free Muni Bond ETF	IBMJ
S&P AMT-Free Muni Series 2022 Index	iShares iBonds Sep 2022 AMT-Free Muni Bond ETF	IBMK
S&P AMT-Free Muni Series 2023 Index	iShares iBonds Sep 2023 AMT-Free Muni Bond ETF	IBML
High Yield		
S&P High Yield Municipal Bond Index	SPDR Nuveen S&P High Yield Municipal Bond ETF	HYMB

Global Treasury	**Exchange Traded Fund**	**Ticker**
International Treasury Bonds		
S&P/Citigroup Int't Treasury Bond Index Ex U.S. Index	iShares S&P/Citi Intl Treasury Bond Fund	IGOV
S&P/Citigroup Int't Treasury Bond Index Ex U.S. 1-3 yr Index	iShares S&P/Citi 1-3 Yr International Treasury Bond Fund	ISHG

U.S. Corporate	**Exchange Traded Fund**	**Ticker**
S&P 500/MarketAxess Investment Grade Corporate Bond Index	ProShares S&P 500 Bond ETF	SPXB

Global Corporate	**Exchange Traded Fund**	**Ticker**
International Corporate Bonds		
S&P International Corporate Bond Index	Invesco International Corporate Bond Portfolio	PICB

Factor Based	**Exchange Traded Fund**	**Ticker**
S&P US High Yield Low Volatility Corporate Bond Index	IQ S&P High Yield Low Volatility Bond ETF	HYLV

Alternative Fixed Income – ESG	**Exchange Traded Fund**	**Ticker**
S&P Green Bond Select Index	VanEck Vectors Green Bond ETF	GRNB

Sector Solutions

GICS® Sectors	**Exchange Traded Fund**	**Ticker**
Domestic Market Cap Weighted - Large Cap		
S&P Select Sector Consumer Discretionary	SPDR - Consumer Discretionary Select Sector Fund	XLY
S&P Select Sector Consumer Staples	SPDR - Consumer Staples Select Sector Fund	XLP
S&P Select Sector Energy	SPDR - Energy Select Sector Fund	XLE
S&P Select Sector Financials	SPDR - Financials Select Sector Fund	XLF
S&P Select Sector Health Care	SPDR - Health Care Select Sector Fund	XLV
S&P Select Sector Industrials	SPDR - Industrials Select Sector Fund	XLI
S&P Select Sector Materials	SPDR - Materials Select Sector Fund	XLB
S&P Select Sector Real Estate	SPDR - Real Estate Select Sector Fund	XLRE
S&P Select Sector Technology	SPDR - Technology Select Sector Fund	XLK
S&P Select Sector Utilities	SPDR - Utilities Select Sector Fund	XLU
Domestic Market Cap Weighted - Small Cap		
S&P SmallCap 600 Capped Consumer Discretionary	Invesco S&P SmallCap Consumer Discretionary Portfolio	PSCD
S&P SmallCap 600 Capped Consumer Staples	Invesco S&P SmallCap Consumer Staples Portfolio	PSCC
S&P SmallCap 600 Capped Energy	Invesco S&P SmallCap Energy Portfolio	PSCE
S&P SmallCap 600 Capped Financials	Invesco S&P SmallCap Financials Portfolio	PSCF
S&P SmallCap 600 Capped Health Care	Invesco S&P SmallCap Health Care Portfolio	PSCH
S&P SmallCap 600 Capped Industrials	Invesco S&P SmallCap Industrials Portfolio	PSCI
S&P SmallCap 600 Capped Information Technology	Invesco S&P SmallCap Information Technology Portfolio	PSCT
S&P SmallCap 600 Capped Materials	Invesco S&P SmallCap Materials Portfolio	PSCM
S&P SmallCap 600 Capped Utilities & Telecommunication Services	Invesco S&P SmallCap Utilities Portfolio	PSCU

Domestic Equal Weighted - Large Cap		
S&P 500 Equal Weight Consumer Discretionary	Invesco S&P 500 Eql Wt Consumer Discretionary ETF	RCD
S&P 500 Equal Weight Consumer Staples	Invesco S&P 500 Eql Wt Consumer Staples ETF	RHS
S&P 500 Equal Weight Energy	Invesco S&P 500 Eql Wt Energy ETF	RYE
S&P 500 Equal Weight Financials	Invesco S&P 500 Eql Wt Financials ETF	RYF
S&P 500 Equal Weight Health Care	Invesco S&P 500 Eql Wt Health Care ETF	RYH
S&P 500 Equal Weight Industrials	Invesco S&P 500 Eql Wt Industrials ETF	RGI
S&P 500 Equal Weight Materials	Invesco S&P 500 Eql Wt Materials ETF	RTM
S&P 500 Equal Weight Technology	Invesco S&P 500 Eql Wt Technology ETF	RYT
S&P 500 Equal Weight Utilities	Invesco S&P 500 Eql Wt Utilities ETF	RYU
S&P 500 Equal Weight Real Estate	Invesco S&P 500 Eql Wt Real Estate ETF	EWRE
Global Sectors		
S&P Global 1200 Consumer Discretionary	iShares Global Consumer Discretionary ETF	RXI
S&P Global 1200 Consumer Staples	iShares Global Consumer Staples ETF	KXI
S&P Global 1200 Energy	iShares Global Energy ETF	IXC
S&P Global 1200 Financials	iShares Global Financials ETF	IXG
S&P Global 1200 Health Care	iShares Global Healthcare ETF	IXJ
S&P Global 1200 Industrials	iShares Global Industrials ETF	EXI
S&P Global 1200 Materials	iShares Global Materials ETF	MXI
S&P Global 1200 Information Technology	iShares Global Technology ETF	IXN
S&P Global 1200 Telecommunications	iShares Global Telecommunications ETF	IXP
S&P Global 1200 Utilities	iShares Global Utilities ETF	JXI

ICB Industries	Exchange Traded Fund	Ticker
Domestic Broad Market Sectors		
Dow Jones U.S. Basic Materials Index	iShares US Basic Materials ETF	IYM
Dow Jones U.S. Consumer Goods Index	iShares US Consumer Goods ETF	IYK
Dow Jones U.S. Consumer Services Index	iShares US Consumer Services ETF	IYC
Dow Jones U.S. Oil & Gas Index	iShares US Energy ETF	IYE
Dow Jones U.S. Financials Index	iShares US Financial Sector ETF	IYF
Dow Jones U.S. Health Care Index	iShares US Healthcare ETF	IYH
Dow Jones U.S. Health Care Providers Index	iShares US Healthcare Provider ETF	IHF
Dow Jones U.S. Industrials Index	iShares US Industrial ETF	IYJ
Dow Jones U.S. Technology Index	iShares US Technology ETF	IYW
Dow Jones U.S. Telecommunications Index	iShares US Telecom ETF	IYZ
Dow Jones U.S. Utilities Index	iShares US Utilities ETF	IDU

Narrow Sectors & Industries	Exchange Traded Fund	Ticker
Financials		
S&P Banks Select Industry Index	SPDR S&P Bank ETF	KBE
S&P Regional Banks Select Industry Index	SPDR S&P Regional Banks ETF	KRE
S&P Insurance Select Industry Index	SPDR S&P Insurance ETF	KIE
Dow Jones U.S. Financial Services Index	iShares US Financial Services ETF	IYG
Dow Jones U.S. Select Regional Banks Index	iShares US Regional Banks ETF	IAT
Dow Jones U.S. Select Insurance Index	iShares U.S. Insurance ETF	IAK
Dow Jones U.S. Select Investment Services Index	iShares U.S. Broker-Dealers ETF	IAI
Health Care		
S&P Biotechnology Select Industry Index	SPDR S&P Biotechnology ETF	XBI
Dow Jones U.S. Select Pharmaceuticals Index	iShares US Pharmaceuticals ETF	IHE
S&P Pharmaceuticals Select Industry Index	SPDR S&P Pharmaceuticals ETF	XPH

Dow Jones U.S. Select Medical Equipment Index	iShares Dow Jones US Medical Devices	IHI
S&P Health Care Services Select Industry Index (TR)	SPDR S&P Health Care Services	XHS
S&P Health Care Equipment Select Industry Index	SPDR® S&P® Health Care Equipment ETF	XHE
Oil & Gas		
S&P Oil & Gas Equipment & Services Select Industry Index	SPDR S&P Oil & Gas Equipment & Services ETF	XES
Dow Jones U.S. Select Oil Equipment & Services Index	iShares US Oil Equipment & Services ETF	IEZ
S&P Oil & Gas Exploration & Production Select Industry Index	SPDR S&P Oil & Gas Exploration & Production ETF	XOP
Dow Jones U.S. Select Oil Exploration & Production Index	iShares US Oil & Gas Exploration ETF	IEO
S&P 500 Fossil Fuel Free Index	SPDR® S&P® 500 Fossil Fuel Reserves Free ETF	SPYX
Technology		
S&P North American Technology Sector Index	iShares North American Tech ETF	IGM
S&P North American Technology Software Index	iShares North Amer Tech-Software ETF	IGV
S&P North American Technology Multimedia Networking Index	iShares North American Tech-Multimedia Networking ETF	IGN
Dow Jones Internet Composite Index	First Trust Dow Jones Internet Index Fund	FDN
S&P Software & Services Select Industry Index	SPDR® S&P® Software & Services ETF	XSW
S&P Technology Hardware Select Industry Index	SPDR® S&P® Technology Hardware ETF	XTH
S&P Internet Select Industry Index	SPDR® S&P® Internet ETF	XWEB
Consumer Goods & Services		
Dow Jones U.S. Select Home Construction Index	iShares US Home Construction ETF	ITB
S&P Homebuilders Select Industry Index	SPDR S&P Homebuilders ETF	XHB
S&P Retail Select Industry Index	SPDR S&P Retail ETF	XRT
Dow Jones Emerging Markets Consumer Titans 30 Index	EGShares Emerging Markets Consumer ETF	ECON
Transportation		
Dow Jones Transportation Average℠	iShares Dow Jones Transportation Average	IYT
S&P Transportation Select Industry Index	SPDR S&P Tansportation ETF	XTN
Dow Jones Global Shipping Index	Invesco Shipping ETF	SEA
Capital Markets		
S&P Capital Markets Select Industry Index	SPDR S&P Capital Markets ETF	KCE
Semiconductor		
S&P Semiconductor Select Industry Index	SPDR S&P Semiconductor ETF	XSD
Telecom		
S&P Telecom Select Industry Index	SPDR® S&P® Telecom ETF	XTL
Aerospace & Defense		
Dow Jones U.S. Select Aerospace & Defense Index	iShares US Aerospace & Defense	ITA
S&P Aerospace & Defense Select Industry Index	SPDR S&P Aerospace & Defense ETF	XAR
Sector Based ESG		
S&P Global Clean Energy Index	iShares Global Clean Energy ETF	ICLN

Real Asset Solutions

Equity-Based	Exchange Traded Fund	Ticker
Commodities		
S&P North American Natural Resources Index	iShares North American Natural Resources ETF	IGE
S&P Global Natural Resources Index	SPDR S&P Global Natural Resources ETF	GNR
S&P Metals and Mining Index	SPDR S&P Metals and Mining ETF	XME
Infrastructure		
Dow Jones Brookfield Global Infrastructure Composite Index	ProShares DJ Brookfield Global Infrastructure ETF	TOLZ
S&P Global Infrastructure Index	iShares Global Infrastructure ETF	IGF
	SPDR S&P Global Infrastructure ETF	GII

S&P Global Infrastructure USD Hedged Index	Deutsche X-Trackers S&P Hedged Global Infrastructure	DBRE
S&P Emerging Markets Infrastructure Index	iShares Emerging Markets Infrastructure ETF	EMIF
S&P High Income Infrastructure Index	Guggenheim S&P High Income Infrastructure ETF	GHII
Water		
S&P Global Water Index	Invesco S&P Global Water ETF	CGW
Timber & Forestry		
S&P Global Timber & Forestry Index	iShares Global Timber & Forestry ETF	WOOD
Real Estate		
Dow Jones U.S. Real Estate Index	iShares US Real Estate ETF	IYR
Dow Jones Global ex-U.S. Select Real Estate Securities Index	SPDR Dow Jones International Real Estate	RWX
Dow Jones Global Ex-U.S. Select Real Estate Securities Index (Net Total Return) (USD Hedged)	Deutsche X-trackers Dow Jones Hedged International Real Estate ETF	DBIF
S&P Global Ex-US Property	Vanguard Global ex-US Real Estate ETF	VNQI
S&P Select Sector Real Estate	SPDR - Real Estate Select Sector Fund	XLRE
Dow Jones Global Select Real Estate Index	SPDR Dow Jones Global Real Estate	RWO
S&P Developed Ex-US Property	iShares International Developed Property ETF	WPS
REITs		
Dow Jones U.S. Select REIT Index	SPDR Dow Jones REIT	RWR
	Schwab U.S. REIT ETF	SCHH
S&P United States REIT	First Trust S&P REIT Index Fund	FRI
MLPs		
S&P MLP Index	iPath S&P MLP ETN	IMLP

Futures-Based	Exchange Traded Fund	Ticker
S&P GSCI		
S&P GSCI TR	iShares S&P GSCI Commodity Indexed Trust	GSG
Modified Roll		
S&P GSCI Enhanced Commodity	GS Connect S&P GSCI Enhanced Commodity TR ETN	GSC
Crude Oil		
S&P GSCI Crude Oil Excess Return	iPath S&P GSCI Crude Oil TR Index ETN	OIL

Risk Management & Asset Allocation Solutions

Volatility	Exchange Traded Fund	Ticker
VIX®		
S&P 500 VIX Short-Term Futures Index	iPath S&P 500 VIX Short-Term Futures ETN	VXX
	ProShares VIX Short-Term Futures ETF	VIXY
S&P 500 VIX Mid Term Futures Index	ProShares VIX Mid-Term Futures ETF	VIXM
Dynamic Equity		
S&P 500 Dynamic VEQTOR Index	Barclays ETN+ S&P 500 VEQTOR ETN	VQT
	Invesco S&P 500 Downside Hedged Portfolio	PHDG
Low Volatility		
S&P 500 Low Volatility Index	Invesco S&P 500 Low Volatility	SPLV
S&P BMI International Developed Low Volatility Index	Invesco S&P International Developed Low Volatility Portfolio	IDLV
S&P BMI Emerging Markets Low Volatility Index	Invesco S&P Emerging Markets Low Volatility Portfolio	EELV
S&P 500 Low Volatility Rate Response Index	Invesco S&P 500 ex-Rate Sensitive Low Volatility Portfolio	XRLV
Buy-Write		
CBOE S&P 500 Buywrite Index (BXM)	Invesco S&P 500 BuyWrite Portfolio	PBP

Currency Hedged	Exchange Traded Fund	Ticker
S&P Eurozone Low Volatility USD Hedged Index	Invesco Europe Currency Hedged Low Volatility Portfolio	FXEU
S&P EPAC Ex-Korea Low Volatility USD Hedged Index	Invesco Developed EuroPacific Currency Hedged Low Volatility Portfolio	FXEP

Asset Allocation	Exchange Traded Fund	Ticker
S&P Target Risk Conservative Index	iShares Conservative Allocation	AOK
S&P Target Risk Moderate Index	iShares Moderate Allocation	AOM
S&P Target Risk Growth Index	iShares Growth Allocation	AOR
S&P Target Risk Aggressive Index	iShares Aggressive Allocation	AOA

Managed Risk	Exchange Traded Fund	Ticker
Managed Risk Equity		
S&P 500 Managed Risk 2.0 Index	DeltaShares S&P 500 Managed Risk ETF	DMRL
S&P 400 Managed Risk 2.0 Index	DeltaShares S&P 400 Managed Risk ETF	DMRM
S&P 600 Managed Risk 2.0 Index	DeltaShares S&P 600 Managed Risk ETF	DMRS
S&P EPAC Ex. Korea LargeMidCap Managed Risk 2.0 Index	DeltaShares S&P International Managed Risk ETF	DMRI

Smart Beta (Factor-Based and Alternatively Weighted) Solutions

Size & Style	Exchange Traded Fund	Ticker
U.S. Large-Cap Growth		
S&P 500 Growth	iShares S&P 500 Growth ETF	IVW
	SPDR Portfolio S&P 500 Growth ETF	SPYG
	Vanguard S&P 500 Growth ETF	VOOG
Dow Jones U.S. Large-Cap Growth Total Stock Market Index	Schwab U.S. Large-Cap Growth ETF	SCHG
U.S. Large-Cap Value		
S&P 500 Value	iShares S&P 500 Value ETF	IVE
	SPDR Portfolio S&P 500 Value ETF	SPYV
	Vanguard S&P 500 Value ETF	VOOV
Dow Jones U.S. Large-Cap Value Total Stock Market Index	Schwab U.S. Large-Cap Value ETF	SCHV
U.S. Mid-Cap Growth		
S&P MidCap 400 Growth	iShares S&P MidCap 400 Growth ETF	IJK
	SPDR S&P Mid Cap 400 Growth ETF	MDYG
	Vanguard S&P Mid-Cap 400 Growth ETF	IVOG
U.S. Mid-Cap Value		
S&P MidCap 400 Value	iShares S&P MidCap 400 Value ETF	IJJ
	SPDR S&P Mid Cap 400 Value ETF	MDYV
	Vanguard S&P Mid-Cap 400 Value ETF	IVOV
U.S. Small-Cap Growth		
S&P SmallCap 600 Growth	iShares S&P SmallCap 600 Growth ETF	IJT
	SPDR S&P Small Cap 600 Growth ETF	SLYG
	Vanguard S&P Small-Cap 600 Growth ETF	VIOG
U.S. Small-Cap Value		
S&P SmallCap 600 Value	iShares S&P SmallCap 600 Value ETF	IJS
	SPDR S&P Small Cap 600 Value ETF	SLYV
	Vanguard S&P Small-Cap 600 Value ETF	VIOV

Pure Style	Exchange Traded Fund	Ticker
S&P 500 Pure Growth	Invesco S&P 500 Pure Growth ETF	RPG
S&P 500 Pure Value	Invesco S&P 500 Pure Value ETF	RPV
S&P MidCap 400 Pure Growth	Invesco S&P MidCap 400 Pure Growth ETF	RFG
S&P MidCap 400 Pure Value	Invesco S&P MidCap 400 Pure Value ETF	RFV
S&P SmallCap 600 Pure Growth	Invesco S&P SmallCap 600 Pure Growth ETF	RZG
S&P SmallCap 600 Pure Value	Invesco S&P SmallCap 600 Pure Value ETF	RZV

Enhanced Value	Exchange Traded Fund	Ticker
S&P 500 Enhanced Value	Invesco S&P 500 Value Portfolio	SPVU

Equal-Weight	Exchange Traded Fund	Ticker
S&P 500 Equal Weight Index	Invesco S&P 500 Equal Weight ETF	RSP
S&P MidCap 400® Equal Weight Index	Invesco S&P MidCap 400® Equal Weight ETF	EWMC
S&P SmallCap 600® Equal Weight Index	Invesco S&P SmallCap 600® Equal Weight ETF	EWSC
S&P 100® Equal Weight Index	Invesco S&P 100® Equal Weight ETF	OEW

Low Volatility	Exchange Traded Fund	Ticker
S&P 500 Low Volatility Index™	Invesco S&P 500 Low Volatility Portfolio	SPLV
S&P Eurozone Low Volatility USD Hedged Index	Invesco Europe Currency Hedged	FXEU
S&P MidCap 400 Low Volatility Index	Invesco S&P Midcap Low Volatility Portfolio	XMLV
S&P SmallCap 600 Low Volatility Index (TR)	Invesco S&P Smallcap Low Volatility Portfolio	XSLV
S&P BMI Emerging Markets Low Volatility Index	Invesco S&P Emerging Markets Low Volatility Portfolio	EELV
S&P BMI International Developed Low Volatility Index	Invesco S&P Int'l Developed Low Volatility Portfolio	IDLV
S&P 500 Low Volatility Rate Response Index	Invesco S&P 500 ex-Rate Sensitive Low Volatility Portfolio	XRLV
S&P Japan 500 Low Volatility USD Hedged Index	Invesco Japan Currency Hedged Low Volatility Portfolio	FXJP

Momentum	Exchange Traded Fund	Ticker
S&P 500 Momentum	Invesco S&P 500 Momentum Portfolio	SPMO
S&P 1500 Positive Momentum Tilt Index	SPDR S&P 1500 Momentum Tilt ETF	MMTM
S&P Momentum Emerging Plus LargeMidCap Index	Invesco S&P Emerging Markets Momentum Portfolio	EEMO
S&P 500 High Momentum Value	Invesco S&P 500 Value With Momentum Portfolio	SPVM
S&P Momentum Developed Ex. U.S. & South Korea LargeMidCap Index	Invesco S&P International Developed Momentum Porttfolio	IDMO

Quality	Exchange Traded Fund	Ticker
S&P 500 High Quality Rankings Index	Invesco S&P 500 High Quality Portfolio	SPHQ
S&P SmallCap 600® Quality Index	Invesco S&P SmallCap Quality Portfolio	XSHQ
S&P Quality Developed ex US LargeMidCap Index	Invesco S&P International Developed Quality Portfolio	IDHQ

Revenue-Weighted	Exchange Traded Fund	Ticker
S&P 500 Revenue-Weighted Index	Oppenheimer S&P 500 Revenue ETF	RWL
S&P MidCap 400 Revenue-Weighted Index	Oppenheimer S&P MidCap 400 Revenue ETF	RWK
S&P SmallCap 600 Revenue-Weighted Index	Oppenheimer S&P SmallCap 600 Revenue ETF	RWJ
S&P 500 Financials Sector Revenue-Weighted Index	Oppenheimer S&P Financials Revenue ETF	RWW
S&P 900 Dividend Revenue-Weighted Index	Oppenheimer S&P Ultra Dividend Revenue ETF	RDIV

Spin-Off	Exchange Traded Fund	Ticker
S&P US Spin-Off Index	Invesco S&P Spin-Off ETF	CSD

Multi-Factor	Exchange Traded Fund	Ticker
S&P 500 Low Volatility High Dividend IndexPower	Invesco S&P 500 High Dividend Low Volatility Portfolio	SPHD
S&P Small Cap 600 Low Volatility High Dividend IndexPower	Invesco S&P 600 High Dividend Low Volatility Portfolio	XSHD
S&P EPAC Ex-Korea Low Volatility High Dividend IndexPower	Invesco S&P International Developed Low Volatility Portfolio	IDHD
S&P 500 High Momentum Value Power	Invesco S&P 500 Value With Momentum Portfolio	SPVM
S&P US High Yield Low Volatility Corporate Bond Index	IQ S&P High Yield Low Volatility Bond ETF	HYLV

Contrarian	Exchange Traded Fund	Ticker
Dow Jones U.S. Contrarian Opportunities Index	Invesco Contrarian Opportunities Portfolio	CNTR

ESG/Socially Responsible Investing

Fossil Fuel	Exchange Traded Fund	Ticker
S&P 500 Fossil Fuel Free Index	SPDR® S&P® 500 Fossil Fuel Reserves Free ETF	SPYX

Clean Energy	Exchange Traded Fund	Ticker
S&P Global Clean Energy Index	iShares Global Clean Energy ETF	ICLN

Water	Exchange Traded Fund	Ticker
S&P Global Water Index	Invesco S&P Global Water Index ETF	CGW

Catholic Values	Exchange Traded Fund	Ticker
S&P 500 Catholic Values Index	S&P 500 Catholic Values ETF	CATH

Fixed Income – ESG	Exchange Traded Fund	Ticker
S&P Green Bond Select Index	VanEck Vectors Green Bond ETF	GRNB

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