

AMERICAS LISTED EXCHANGE TRADED PRODUCTS BASED ON MSCI INDEXES

Q3 2016

A wide variety of financial products are based on or use MSCI indexes, including ETFs, mutual funds, insurance products, structured products, OTC derivatives, and listed futures and options. This widespread use highlights the quality and global adoption of MSCI's equity indexes.

This document contains a broad list of ETFs, ETNs, Futures and Options based on MSCI indexes.

MSCI INDEX-BASED ETPs LAUNCHED IN Q3 2016

LISTED IN THE US

MSCI Index	Product Name	Symbol
MSCI USA Small Cap Minimum Volatility Index	iShares Edge MSCI Min Vol USA Small Cap ETF	SMMV
MSCI Europe Financials Index	Direxion Daily European Financials Bull 2X Shares	EUFL
MSCI Europe Financials Index	Direxion Daily European Financials Bear 1X Shares	EUFS

CROSS-LISTED IN LATIN AMERICA

MSCI Index	Product Name	Symbol	Cross Listed In
MSCI ACWI Sustainable Impact Index	iShares Sustainable MSCI Global Impact ETF	MPCT	Mexico
MSCI ACWI Low Carbon Target Index	iShares MSCI ACWI Low Carbon Target ETF	CRBN	Mexico
MSCI Europe ex UK Index	iShares MSCI Europe ex UK UCITS ETF	IEUX	Mexico
MSCI USA ESG Select Index	iShares MSCI USA ESG Select ETF	KLD	Mexico
MSCI KLD 400 Social Index	iShares MSCI KLD 400 Social ETF	DSI	Mexico

There are more than 290 ETFs listed in the Americas tracking MSCI Indexes, with over \$343 billion in AUM as of September 30, 2016.¹

¹ As of September 30, 2016 as reported by Bloomberg.

COMPLETE LIST OF MSCI INDEX-BASED ETPs AS OF Q3 2016

ETPs LISTED IN THE US

MSCI Index	Product Name	Symbol	MSCI Index	Product Name	Symbol
ALL COUNTRY INDEXES			MSCI Japan	iShares MSCI Japan ETF	EWJ
MSCI ACWI	iShares MSCI ACWI ETF	ACWI	MSCI Japan Small Cap	iShares MSCI Japan Small Cap ETF	SCJ
MSCI ACWI IMI	SPDR MSCI ACWI IMI ETF US	ACIM	MSCI Netherlands IMI	iShares MSCI Netherlands ETF	EWN
MSCI AC Asia ex Japan	iShares MSCI All Country Asia ex Japan ETF	AAXJ	MSCI New Zealand IMI 25/50	iShares MSCI New Zealand Capped ETF	ENZL
MSCI ACWI ex USA	SPDR MSCI ACWI ex USA ETF	CWI	MSCI Norway IMI 25/50	iShares MSCI Norway Capped ETF	ENOR
	iShares MSCI ACWI ex U.S. ETF	ACWX		Global X MSCI Norway ETF	NORW
MSCI ACWI ex USA IMI	iShares Core MSCI Total International Stock ETF	IXUS	MSCI Singapore	iShares MSCI Singapore ETF	EWS
MSCI ACWI IMI Timber Select Capped	Guggenheim MSCI Global Timber ETF	CUT	MSCI Spain 25/50	iShares MSCI Spain Capped ETF	EWP
DEVELOPED MARKETS INDEXES			MSCI Sweden	iShares MSCI Sweden ETF	EWD
MSCI World	iShares MSCI World ETF	URTH	MSCI Switzerland 25/50	iShares MSCI Switzerland Capped ETF	EWL
MSCI EAFE	iShares MSCI EAFE ETF	EFA	MSCI UK	iShares MSCI United Kingdom ETF	EWU
MSCI EAFE IMI	iShares Core MSCI EAFE ETF	IEFA	MSCI UK Small Cap	iShares MSCI United Kingdom Small Cap ETF	EWUS
MSCI EAFE Small Cap	iShares MSCI EAFE Small Cap ETF	SCZ	MSCI US REIT	Vanguard REIT ETF	VNQ
MSCI EAFE Growth	iShares MSCI EAFE Growth ETF	EFG	MSCI US Investable Market Materials 25/50	Vanguard Materials ETF	VAW
MSCI EAFE Value	iShares MSCI EAFE Value ETF	EFV	MSCI US Investable Market Consumer Discretionary 25/50	Vanguard Consumer Discretionary ETF	VCR
MSCI Europe IMI	iShares Core MSCI Europe ETF	IEUR	MSCI US Investable Market Consumer Staples 25/50	Vanguard Consumer Staples ETF	VDC
MSCI Europe Small Cap	iShares MSCI Europe Small-Cap ETF	IEUS	MSCI US Investable Market Energy 25/50	Vanguard Energy ETF	VDE
MSCI EMU	iShares MSCI Eurozone ETF	EZU	MSCI US Investable Market Financials 25/50	Vanguard Financials ETF	VFH
MSCI Kokusai	iShares MSCI Kokusai ETF	TOK	MSCI US Investable Market Information Technology 25/50	Vanguard Information Technology ETF	VGT
MSCI Pacific IMI	iShares Core MSCI Pacific ETF	IPAC	MSCI US Investable Market Health Care 25/50	Vanguard Health Care ETF	VHT
MSCI Pacific ex Japan	iShares MSCI Pacific ex Japan ETF	EPP	MSCI US Investable Market Industrials 25/50	Vanguard Industrials ETF	VIS
MSCI Australia	iShares MSCI Australia ETF	EWA	MSCI US Investable Market Telecommunication Services 25/50	Vanguard Telecommunication Services ETF	VOX
MSCI Austria IMI 25/50	iShares MSCI Austria Capped ETF	EW0	MSCI US Investable Market Utilities 25/50	Vanguard Utilities ETF	VPU
MSCI Belgium IMI 25/50	iShares MSCI Belgium Capped ETF	EWK	MSCI Europe Financials	iShares MSCI Europe Financials ETF	EUFN
MSCI Canada	iShares MSCI Canada ETF	EWC	MSCI USA IMI Telecommunication Services 25/50	Fidelity MSCI Telecommunication Services Index ETF	FCOM
MSCI Denmark IMI 25/50	iShares MSCI Denmark Capped ETF	EDEN			
MSCI France	iShares MSCI France ETF	EWQ			
MSCI Finland IMI 25/50	iShares MSCI Finland Capped ETF	EFNL			
MSCI Germany	iShares MSCI Germany ETF	EWG			
MSCI Germany Small Cap	iShares MSCI Germany Small Cap ETF	EWGS			
MSCI Hong Kong	iShares MSCI Hong Kong ETF	EWH			
MSCI All Ireland Capped	iShares MSCI Ireland Capped ETF	EIRL			
MSCI Israel Capped IMI	iShares MSCI Israel Capped ETF	EIS			
MSCI Italy 25/50	iShares MSCI Italy Capped ETF	EWI			

MSCI Index	Product Name	Symbol
MSCI USA IMI Consumer Discretionary	Fidelity MSCI Consumer Discretionary Index ETF	FDIS
MSCI USA IMI Energy	Fidelity MSCI Energy Index ETF	FENY
MSCI USA IMI Health Care	Fidelity MSCI Health Care Index ETF	FHLC
MSCI USA IMI Industrials	Fidelity MSCI Industrials Index ETF	FIDU
MSCI USA IMI Materials	Fidelity MSCI Materials Index ETF	FMAT
MSCI USA IMI Financials	Fidelity MSCI Financials Index ETF	FNCL
MSCI USA IMI Consumer Staples	Fidelity MSCI Consumer Staples Index ETF	FSTA
MSCI USA IMI Information Technology	Fidelity MSCI Information Technology Index ETF	FTEC
MSCI USA IMI Utilities	Fidelity MSCI Utilities Index ETF	FUTY
MSCI USA IMI Real Estate	Fidelity MSCI Real Estate Index ETF	FREL

EMERGING MARKETS INDEXES

MSCI Emerging Markets	iShares MSCI Emerging Markets ETF	EEM
MSCI Emerging Markets IMI	iShares Core MSCI Emerging Markets ETF	IEMG
MSCI Emerging Markets Small Cap	iShares MSCI Emerging Markets Small Cap ETF	EEMS
MSCI BRIC	iShares MSCI BRIC ETF	BKF
MSCI EM Asia	iShares MSCI Emerging Markets Asia ETF	EEMA
MSCI Brazil 25/50	iShares MSCI Brazil Capped ETF	EWZ
MSCI Brazil Small Cap	iShares MSCI Brazil Small Cap ETF	EWZS
MSCI Chile IMI 25/50	iShares MSCI Chile Capped ETF	ECH
MSCI China	iShares MSCI China ETF	MCHI
MSCI China All Shares	Deutsche X-trackers MSCI All China Equity ETF	CN
MSCI China A International	KraneShares Boseri MSCI China A ETF	KBA
	iShares MSCI China A ETF	CNYA
MSCI China A International IMI	SPDR MSCI China A Shares IMI ETF	XINA
MSCI China Small Cap	iShares MSCI China Small Cap ETF	ECNS
MSCI All Colombia Select 25/50	Global X MSCI Colombia ETF	GXG
MSCI All Colombia Capped	iShares MSCI Colombia Capped ETF	ICOL
MSCI All Greece Select 25/50	Global X MSCI Greece ETF	GREK
MSCI India	iShares MSCI India ETF	INDA
	iPath MSCI India ETN	INP

MSCI Index	Product Name	Symbol
MSCI India Small Cap	iShares MSCI India Small-Cap ETF	SMIN
MSCI Indonesia IMI	iShares MSCI Indonesia ETF	EIDO
MSCI Korea 25/50	iShares MSCI South Korea Capped ETF	EWY
MSCI Malaysia	iShares MSCI Malaysia ETF	EWM
MSCI Mexico IMI 25/50	iShares MSCI Mexico Capped ETF	EWX
MSCI All Peru Capped	iShares MSCI All Peru Capped ETF	EPU
MSCI Philippines IMI	iShares MSCI Philippines ETF	EPHE
MSCI Poland IMI 25/50	iShares MSCI Poland Capped ETF	EPOL
MSCI All Qatar Capped	iShares MSCI Qatar Capped ETF	QAT
MSCI Russia 25/50	iShares MSCI Russia Capped ETF	ERUS
MSCI Saudi Arabia IMI 25/50	iShares MSCI Saudi Arabia Capped ETF	KSA
MSCI South Africa	iShares MSCI South Africa ETF	EZA
MSCI Taiwan	iShares MSCI Taiwan ETF	EWT
MSCI Thailand IMI 25/50	iShares MSCI Thailand Capped ETF	THD
MSCI Turkey IMI	iShares MSCI Turkey ETF	TUR
MSCI All UAE Capped	iShares MSCI UAE Capped ETF	UAE

FRONTIER MARKETS INDEXES

MSCI Frontier Markets 100	iShares MSCI Frontier 100 Index ETF	FM
MSCI All Argentina 25/50	Global X MSCI Argentina ETF	ARGT
MSCI All Nigeria Select 25/50	Global X MSCI Nigeria ETF	NGE
MSCI All Pakistan Select 25/50	Global X MSCI Pakistan ETF	PAK

FACTOR INDEXES

MSCI ACWI Minimum Volatility (USD)	iShares Edge MSCI Min Vo Global ETF	ACWV
MSCI ACWI Diversified Multiple-Factor	iShares Edge MSCI Multifactor Global ETF	ACWF
MSCI World High Dividend Yield	FI Enhanced Global High Yield ETN	FIGY
	FI Enhanced Global High Yield ETN Linked to MSCI World High Dividend Yield USD	FIEG
	UBS FI Enhanced Global High Yield ETN	FIHD
MSCI World Factor Mix A-Series	SPDR MSCI World Quality Mix ETF	QWLD
MSCI World ex USA Sector Neutral Quality	iShares Edge MSCI Intl Quality Factor ETF	IQLT
MSCI World ex USA Momentum	iShares Edge MSCI Intl Momentum Factor ETF	IMTM

MSCI Index	Product Name	Symbol
MSCI World ex USA Diversified Multiple-Factor	iShares Edge MSCI Multifactor Intl ETF	INTF
MSCI World ex USA Small Cap Diversified Multiple-Factor	iShares Edge MSCI Multifactor Intl Small-Cap ETF	ISCF
MSCI World ex USA Enhanced Value	iShares Edge MSCI Intl Value Factor ETF	IVLU
MSCI World ex USA Risk Weighted	iShares Edge MSCI Intl Size Factor ETF	ISZE
MSCI EAFE Factor Mix A-Series	SPDR MSCI EAFE Quality Mix ETF	QEFA
MSCI EAFE Dividend Masters	ProShares MSCI EAFE Dividend Growers ETF	EFAD
MSCI EAFE Minimum Volatility (USD)	iShares Edge MSCI Min Vol EAFE ETF	EFAV
MSCI Europe Minimum Volatility (EUR)	iShares Edge MSCI Min Vol Europe ETF	EUMV
MSCI Europe Dividend Masters	ProShares MSCI Europe Dividend Growers ETF	EUDV
MSCI AC Asia ex Japan Minimum Volatility (USD)	iShares Edge MSCI Min Vol Asia ex Japan ETF	AXJV
MSCI Emerging Market Diversified Multiple-Factor	iShares Edge MSCI Multifactor Emerging Markets ETF	EMGF
MSCI Emerging Markets Dividend Masters	ProShares MSCI Emerging Markets Dividend Growers ETF	EMDV
MSCI Emerging Markets Minimum Volatility (USD)	iShares Edge MSCI Min Vol Emerging Markets ETF	EEMV
MSCI Emerging Markets Equal Country Weighted	Guggenheim MSCI Emerging Markets Equal Country Weight ETF	EWEM
MSCI Emerging Markets Factor Mix A-Series	SPDR MSCI Emerging Markets Quality Mix ETF	QEMM
MSCI Australia Factor Mix A-Series Capped	SPDR MSCI Australia Quality Mix ETF	QAUS
MSCI Canada Factor Mix A-Series Capped	SPDR MSCI Canada Quality Mix ETF	QCAN
MSCI Germany Factor Mix A-Series Capped	SPDR MSCI Germany Quality Mix ETF	QDEU
MSCI Japan Minimum Volatility (USD)	iShares Edge MSCI Min Vol Japan ETF	JPMV
MSCI Japan Factor Mix A-Series Capped	SPDR MSCI Japan Quality Mix ETF	QJPN
MSCI Korea Factor Mix A-Series Capped	SPDR MSCI South Korea Quality Mix ETF	QKOR
MSCI Mexico Factor Mix A-Series Capped	SPDR MSCI Mexico Quality Mix ETF	QMEX
MSCI Spain Factor Mix A-Series Capped	SPDR MSCI Spain Quality Mix ETF	QESP

MSCI Index	Product Name	Symbol
MSCI Taiwan Factor Mix A-Series Capped	SPDR MSCI Taiwan Quality Mix ETF	QTWN
MSCI UK Factor Mix A-Series Capped	SPDR MSCI UK Quality Mix ETF	QGBR
MSCI USA Factor Mix A-Series Capped	SPDR MSCI USA Quality Mix ETF	QUS
MSCI USA Minimum Volatility (USD)	iShares Edge MSCI Min Vol USA ETF	USMV
MSCI USA Small Cap Minimum Volatility	iShares Edge MSCI Min Vol USA Small Cap ETF	SMMV
MSCI USA Equal Weighted	iShares MSCI USA Equal Weighted ETF	EUSA
MSCI USA Risk Weighted	iShares MSCI USA Size Factor ETF	SIZE
MSCI USA Enhanced Value	iShares Edge MSCI USA Value Factor ETF	VLUE
MSCI USA Momentum	iShares Edge MSCI USA Momentum Factor ETF	MTUM
MSCI USA Sector Neutral Quality	iShares Edge MSCI USA Quality Factor ETF	QUAL
MSCI USA Diversified Multiple-Factor	iShares Edge MSCI Multifactor USA ETF	LRGF
MSCI USA Small Cap Diversified Multiple-Factor	iShares Edge MSCI Multifactor USA Small-Cap ETF	SMLF
MSCI USA Consumer Discretionary Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Consumer Discretionary ETF	CNDF
MSCI USA Consumer Staples Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Consumer Staples ETF	CNSF
MSCI USA Energy Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Energy ETF	ERGF
MSCI USA Financials Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Financials ETF	FNCF
MSCI USA Health Care Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Healthcare ETF	HCRF
MSCI USA Industrials Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Industrials ETF	INDF
MSCI USA Materials Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Materials ETF	MATF
MSCI USA Information Technology Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Technology ETF	TCHF
MSCI USA Utilities Diversified Multiple-Factor Capped	iShares Edge MSCI Multifactor Utilities ETF	UTLF

MSCI Index	Product Name	Symbol
CURRENCY HEDGED FACTOR INDEXES		
MSCI ACWI Minimum Volatility (USD) 100% Hedged to USD	iShares Edge MSCI Min Vol Global Currency Hedged ETF	HACV
MSCI ACWI ex USA High Dividend Yield US Dollar Hedged	Deutsche X-trackers MSCI All World ex US High Dividend Yield Hedged Equity ETF	HDAW
MSCI EAFE Adaptive Hedged to USD	iShares Adaptive Currency Hedged MSCI EAFE ETF	DEFA
MSCI EAFE High Dividend Yield US Dollar Hedged	Deutsche X-trackers MSCI EAFE High Dividend Yield Hedged Equity ETF	HDEF
MSCI EAFE Minimum Volatility (USD) 100% Hedged to USD	iShares Edge MSCI Min Vol EAFE Currency Hedged ETF	HEFV
MSCI Europe Minimum Volatility (USD) 100% Hedged to USD	iShares Edge MSCI Min Vol Europe Currency Hedged ETF	HEUV
MSCI EMU Adaptive Hedged to USD	iShares Adaptive Currency Hedged MSCI Eurozone ETF	DEZU
MSCI EMU High Dividend Yield US Dollar Hedged	Deutsche X-trackers MSCI Eurozone High Dividend Yield Hedged Equity ETF	HDEZ
MSCI Emerging Markets High Dividend Yield US Dollar Hedged	Deutsche X-trackers MSCI Emerging Markets High Dividend Yield Hedged Equity ETF	HDEE
MSCI EM Minimum Volatility (USD) 100% Hedged to USD	iShares Edge MSCI Min Vol EM Currency Hedged ETF	HEMV
MSCI Japan Adaptive Hedged to USD	iShares Adaptive Currency Hedged MSCI Japan ETF	DEWJ

CURRENCY HEDGED INDEXES¹

MSCI ACWI 100% Hedged to USD	iShares Currency Hedged MSCI ACWI ETF	HACW
MSCI ACWI ex USA US Dollar Hedged	Deutsche X-trackers MSCI All World ex US Hedged Equity ETF	DBAW
MSCI ACWI ex USA 100% Hedged to USD	iShares Currency Hedged MSCI ACWI ex US ETF	HAWX
MSCI World ex USA IMI Core Real Estate Capped 100% Hedged To USD	SPDR MSCI International Real Estate Currency Hedged ETF	HREX
MSCI Europe US Dollar Hedged	Deutsche X-trackers MSCI Europe Hedged Equity ETF	DBEU
MSCI Europe Small Cap 100% Hedged to USD	iShares Currency Hedged MSCI Europe Small-Cap ETF	HEUS
MSCI EAFE US Dollar Hedged	Deutsche X-trackers MSCI EAFE Hedged Equity ETF	DBEF
MSCI EAFE 100% Hedged to USD	iShares Currency Hedged MSCI EAFE ETF	HEFA
MSCI EAFE Small Cap US Dollar Hedged	Deutsche X-trackers MSCI EAFE Small Cap Hedged Equity ETF	DBES

MSCI Index	Product Name	Symbol
MSCI EAFE Small Cap 100% Hedged to USD	iShares Currency Hedged MSCI EAFE Small-Cap ETF	HSCZ
MSCI EMU 100% Hedged to USD	iShares Currency Hedged MSCI Eurozone ETF	HEZU
MSCI EMU IMI US Dollar Hedged	Deutsche X-trackers MSCI Eurozone Hedged Equity ETF	DBEZ
MSCI Southern Europe US Dollar Hedged	Deutsche X-trackers MSCI Southern Europe Hedged Equity ETF	DBSE
MSCI Emerging Markets US Dollar Hedged	Deutsche X-trackers MSCI Emerging Markets Hedged Equity ETF	DBEM
MSCI Emerging Markets 100% Hedged to USD	iShares Currency Hedged MSCI Emerging Markets ETF	HEEM
MSCI AC Asia Pacific ex Japan US Dollar Hedged	Deutsche X-trackers MSCI AC Asia Pacific ex Japan Hedged Equity ETF	DBAP
MSCI Australia US Dollar Hedged	Deutsche X-trackers MSCI Australia Hedged Equity ETF	DBAU
MSCI Australia 100% Hedged to USD	iShares Currency Hedged MSCI Australia ETF	HAUD
MSCI Brazil US Dollar Hedged	Deutsche X-trackers MSCI Brazil Hedged Equity ETF	DBBR
MSCI Canada 100% Hedged to USD	iShares Currency Hedged MSCI Canada ETF	HEWC
MSCI China A International with CNH 100% Hedged to USD	CSOP MSCI China A International Hedged ETF	CNHX
MSCI Germany US Dollar Hedged	Deutsche X-trackers MSCI Germany Hedged Equity ETF	DBGR
MSCI Germany 100% Hedged to USD	iShares Currency Hedged MSCI Germany ETF	HEWG
MSCI Italy 25/50 US Dollar Hedged	Deutsche X-trackers MSCI Italy Hedged Equity ETF	DBIT
MSCI Italy 25/50 100% Hedged to USD	iShares Currency Hedged MSCI Italy ETF	HEWI
MSCI Japan US Dollar Hedged	Deutsche X-trackers MSCI Japan Hedged Equity ETF	DBJP
MSCI Japan 100% Hedged to USD	iShares Currency Hedged MSCI Japan ETF	HEWJ
MSCI Korea 25/50 US Dollar Hedged	Deutsche X-trackers MSCI South Korea Hedged Equity ETF	DBKO
MSCI Korea 25/50 100% Hedged to USD	iShares Currency Hedged MSCI South Korea ETF	HEWY
MSCI Mexico IMI 25/50 US Dollar Hedged	Deutsche X-trackers MSCI Mexico Hedged Equity ETF	DBMX
MSCI Mexico IMI 25/50 100% Hedged to USD	iShares Currency Hedged MSCI Mexico ETF	HEWW
MSCI Spain 25/50 US Dollar Hedged	Deutsche X-trackers MSCI Spain Hedged Equity ETF	DBSP

¹ This category is defined by ETF products that apply currency hedges to a standard MSCI Index

MSCI Index	Product Name	Symbol
MSCI Spain 25/50 100% Hedged to USD	iShares Currency Hedged MSCI Spain ETF	HEWP
MSCI Switzerland 25/50 100% Hedged to USD	iShares Currency Hedged MSCI Switzerland ETF	HEWL
MSCI UK US Dollar Hedged	Deutsche X-trackers MSCI United Kingdom Hedged Equity ETF	DBUK
MSCI UK 100% Hedged to USD	iShares Currency Hedged MSCI United Kingdom ETF	HEWU

SHORT & LEVERAGE INDEXES²

MSCI EAFE	Direxion Developed Markets Bear 3X Shares	DPK
	Direxion Developed Markets Bull 3X Shares	DZK
	iPath Long Enhanced MSCI EAFE ETN	MFLA
	ProShares Short MSCI EAFE	EFZ
	ProShares Ultra MSCI EAFE	EFO
	ProShares UltraShort MSCI EAFE	EFU
MSCI Europe Financials	Direxion Daily European Financials Bull 2X Shares	EUFL
	Direxion Daily European Financials Bear 1X Shares	EUFS
MSCI Emerging Markets	Direxion Emerging Markets Bear 3+	EDZ
	Direxion Emerging Markets Bull 3+	EDC
	iPath Long Enhanced MSCI Emerging Markets ETN	EMLB
	iPath Short Enhanced MSCI Emerging Markets ETN	EMSA
	ProShares Short MSCI Emerging Markets	EUM
	ProShares Ultra MSCI Emerging Markets	EET
	ProShares UltraShort MSCI Emerging Markets	EEV
MSCI Brazil	ProShares Ultra MSCI Brazil Capped	UBR
	ProShares UltraShort MSCI Brazil Capped	BZQ
MSCI Brazil 25/50	Direxion Daily Brazil Bull 3X Shares	BRZU
MSCI Japan	ProShares Ultra MSCI Japan	EZJ
	ProShares UltraShort MSCI Japan	EWV
	Direxion Daily Japan 3x Bull Shares	JPNL

MSCI Index	Product Name	Symbol
MSCI Korea 25/50	Direxion Daily South Korea Bull 3X Shares	KORU
MSCI Mexico	ProShares Ultra MSCI Mexico Capped IMI	UMX
	ProShares UltraShort MSCI Mexico Capped IMI	SMK
MSCI US REIT	Direxion Daily Real Estate Bear 3X Shares	DRV
	Direxion Daily Real Estate Bull 3X Shares	DRN
	ETRACS Monthly Pay 2xLeveraged MSCI US REIT Index ETN	LRET

THEMATIC INDEXES

MSCI ACWI Select Gold Miners IMI	iShares MSCI Global Gold Miners ETF	RING
MSCI ACWI Select Metals & Mining Producers ex Gold and Silver IMI	iShares MSCI Global Metals & Mining Producers ETF	PICK
MSCI ACWI Select Energy Producers IMI	iShares MSCI Global Energy Producers ETF	FILL
MSCI ACWI Select Agriculture Producers IMI	iShares MSCI Global Agriculture Producers ETF	VEGI
MSCI ACWI Select Silver Miners IMI	iShares MSCI Global Silver Miners ETF	SLVP

ESG INDEXES

MSCI ACWI Low Carbon Target	iShares MSCI ACWI Low Carbon Target ETF	CRBN
	SPDR MSCI ACWI Low Carbon Target ETF	LOWC
MSCI ACWI Sustainable Impact	iShares Sustainable MSCI Global Impact ETF	MPCT
MSCI USA ESG Select	iShares MSCI USA ESG Select ETF	KLD
MSCI KLD 400 Social	iShares MSCI KLD 400 Social ETF	DSI
MSCI EAFE ESG Focus	iShares MSCI EAFE ESG Optimized ETF	ESGD
MSCI EM ESG Focus	iShares MSCI EM ESG Optimized ETF	ESGE

² This category is defined by ETF products that leverage (+2x or +3x) or short (-1x, -2x, or -3x) a standard MSCI Index

FUTURES LISTED IN THE US

MSCI Index	Product Name	Symbol
ALL COUNTRY INDEXES		
MSCI ACWI	ICE Futures US mini MSCI ACWI (USD/NTR)	MMW
	ICE Futures US mini MSCI ACWI (USD/Pr)	MAW
MSCI ACWI ex USA	ICE Futures US mini MSCI ACWI ex US (USD/NTR)	AWN
	ICE Futures US mini MSCI ACWI ex US (USD/Pr)	AWE

DEVELOPED MARKETS INDEXES

MSCI World	ICE Futures US Mini MSCI World (USD/Pr)	MWL
MSCI Euro	ICE Futures US Mini MSCI Euro (EUR/Pr)	MEU
MSCI Europe	ICE Futures US Mini MSCI Europe (EUR/Pr)	MCE
MSCI Europe Growth	ICE Futures US Mini MSCI Europe Growth (EUR/Pr)	MGE
MSCI Europe Value	ICE Futures US Mini MSCI Europe Value (EUR/Pr)	MPU
MSCI Pan-Euro	ICE Futures US Mini MSCI Pan Euro (EUR/Pr)	MPP
MSCI EAFE	ICE Futures US Mini MSCI EAFE (USD/NTR)	MFU
	ICE Futures US Mini MSCI EAFE (USD/Pr)	MFS
MSCI Canada	ICE Futures US Mini MSCI Canada (USD/Pr)	MCL
MSCI USA	ICE Futures US Mini MSCI USA (USD/Pr)	MUN
MSCI USA Growth	ICE Futures US Mini MSCI USA Growth (USD/Pr)	MRG
MSCI USA Value	ICE Futures US Mini MSCI USA Value (USD/NTR)	MCU

EMERGING MARKETS INDEXES

MSCI Emerging Markets	ICE Futures US Mini MSCI EM (USD/NTR)	MMN
	ICE Futures US Mini MSCI EM (USD/Pr)	MME
MSCI EM Asia	ICE Futures US mini MSCI EM Asia (USD/NTR)	ASN
	ICE Futures US mini MSCI EM Asia (USD/Pr)	ASE
MSCI EM Latin America	ICE Futures US Mini MSCI EM Latin America (USD/Pr)	MLE

OPTIONS LISTED IN THE US

MSCI Index	Product Name	Symbol
MSCI EAFE	CBOE MSCI EAFE (USD/Pr)	MXEA
MSCI Emerging Markets	CBOE MSCI Emerging Markets (USD/Pr)	MXEF

ETPs LISTED IN CANADA

MSCI Index	Product Name	Symbol
ALL COUNTRY INDEXES		
MSCI ACWI ex Canada IMI	iShares Core MSCI All Country World ex Canada Index ETF	XAW

DEVELOPED MARKETS INDEXES

MSCI World	iShares MSCI World Index Fund	XWD
MSCI EAFE	BMO MSCI EAFE Index ETF	ZEA
MSCI EAFE 100% Hedged to CAD	iShares MSCI EAFE Index ETF (CAD Hedged)	XIN
	BMO MSCI EAFE Hedged to CAD Index ETF	ZDM
MSCI EAFE IMI 100% Hedged to CAD	iShares Core MSCI EAFE IMI Index ETF (CAD-Hedged)	XFH
MSCI EAFE IMI	iShares MSCI EAFE IMI Index ETF	XEF
MSCI Europe IMI	iShares MSCI Europe IMI Index ETF	XEU
MSCI Europe IMI 100% Hedged to CAD	iShares MSCI Europe IMI Index ETF CAD-Hedged	XEH

EMERGING MARKETS INDEXES

MSCI Emerging Markets	iShares MSCI Emerging Markets Index ETF	XEM
	BMO MSCI Emerging Markets Index ETF	ZEM
MSCI Emerging Markets IMI	iShares Core MSCI Emerging Markets IMI Index ETF	XEC
MSCI Brazil 25/50	iShares MSCI Brazil Index ETF	XBZ

FACTOR INDEXES

MSCI ACWI Minimum Volatility (USD)	iShares Edge MSCI Min Vol Global Index ETF	XMW
MSCI EAFE Minimum Volatility (USD)	iShares Edge MSCI Min Vol EAFE Index ETF	XMI
MSCI EAFE Diversified Multiple-Factor (CAD)	iShares Edge MSCI Multifactor EAFE Index ETF	XFI
MSCI Emerging Markets Minimum Volatility (USD)	iShares Edge MSCI Min Vol Emerging Markets Index ETF	XMM

MSCI Index	Product Name	Symbol
MSCI USA Minimum Volatility (USD)	iShares Edge MSCI Min Vol USA Index ETF	XMU
MSCI USA Diversified Multiple-Factor (CAD)	iShares FactorSelect MSCI USA Index ETF	XFS
MSCI Canada Minimum Volatility (CAD)	iShares Edge MSCI Min Vol Canada Index ETF	XMV
MSCI Canada IMI Select Diversified Multiple-Factor (CAD)	iShares Edge MSCI Multifactor Canada Index ETF	XFC
MSCI Europe Quality 100% Hedged to CAD	BMO MSCI Europe High Quality Hedged To CAD Index ETF	ZEQ
MSCI ACWI Quality	BMO MSCI All Country World High Quality Index ETF	ZGQ
MSCI USA Quality	BMO MSCI USA High Quality Index ETF	ZUQ
MSCI World Risk Weighted Top 200	First Asset MSCI World Low Risk Weighted ETF	RWW.B
MSCI World Risk Weighted Top 200 Hedged to CAD	First Asset MSCI World Low Risk Weighted ETF (CAD Hedged)	RWW
MSCI Europe Risk Weighted Top 100	First Asset MSCI Europe Low Risk Weighted ETF	RWE.B
MSCI Europe Risk Weighted Top 100 Hedged to CAD	First Asset MSCI Europe Low Risk Weighted ETF (CAD Hedged)	RWE
MSCI USA Risk Weighted Top 150	First Asset MSCI USA Low Risk Weighted ETF	RWU.B
MSCI USA Risk Weighted Top 150 Hedged to CAD	First Asset MSCI USA Low Risk Weighted ETF (CAD Hedged)	RWU
MSCI Canada Risk Weighted	First Asset MSCI Canada Low Risk Weighted ETF	RWC

MSCI Index	Product Name	Symbol
MSCI USA Risk Weighted Top 150 Hedged to CAD	First Asset MSCI USA Low Risk Weighted ETF (CAD Hedged)	RWU
MSCI Canada Risk Weighted	First Asset MSCI Canada Low Risk Weighted ETF	RWC
MSCI Canada Quality	First Asset MSCI Canada Quality Index Class ETF	FQC

CURRENCY HEDGED FACTOR INDEXES

MSCI ACWI Minimum Volatility (USD) 100% Hedged to CAD	iShares Edge MSCI Min Vol Global Index ETF (CAD-Hedged)	XYM
MSCI EAFE Minimum Volatility (USD) 100% Hedged to CAD	iShares Edge MSCI Min Vol EAFE Index ETF (CAD-Hedged)	XML
MSCI EAFE Diversified Multiple-Factor (CAD) 100% Hedged to CAD	iShares Edge MSCI Multifactor EAFE Index ETF (CAD-Hedged)	XFF
MSCI USA Minimum Volatility (USD) 100% Hedged to CAD	iShares Edge MSCI Min Vol USA Index ETF (CAD-Hedged)	XMS
MSCI USA Diversified Multiple-Factor (CAD) 100% Hedged to CAD	iShares Edge MSCI Multifactor USA Index ETF (CAD-Hedged)	XFA

ETPs LISTED IN LATIN AMERICA

MSCI Index	Product Name	Symbol
MSCI Mexico Select Risk Weighted	iShares MSCI Mexico Risk TRAC	MEXRISK
MSCI Mexico Select Momentum Capped	iShares MSCI Mexico Momentum TRAC	MEXMTUM

ETPs CROSS-LISTED IN LATIN AMERICA

MSCI Index	Product Name	Symbol	Cross Listed In
ALL COUNTRY INDEXES			
MSCI ACWI	iShares MSCI ACWI ETF	ACWI	Chile, Mexico
MSCI AC Asia ex Japan	iShares MSCI AC Asia ex Japan ETF	AAXJ	Chile, Mexico
MSCI ACWI ex USA	iShares MSCI ACWI ex US ETF	ACWX	Chile, Mexico
MSCI ACWI ex USA IMI	iShares Core MSCI Total International Stock ETF	IXUS	Mexico
DEVELOPED MARKETS INDEXES			
MSCI World	iShares MSCI World ETF	URTH	Mexico
	iShares Core MSCI World UCITS ETF	IWDA	Mexico
	iShares MSCI World UCITS ETF Inc	IWRD	Mexico

MSCI Index	Product Name	Symbol	Cross Listed In
MSCI EAFE	iShares MSCI EAFE ETF	EFA	Chile, Mexico
MSCI EAFE IMI	iShares Core MSCI EAFE ETF	IEFA	Mexico
MSCI EAFE Small Cap	iShares MSCI EAFE Small Cap ETF	SCZ	Chile, Mexico
MSCI EAFE Growth	iShares MSCI EAFE Growth ETF	EFG	Mexico
MSCI EAFE Value	iShares MSCI EAFE Value ETF	EFV	Mexico
MSCI Europe	iShares MSCI Europe UCITS ETF Inc	IMEU	Mexico
MSCI Europe IMI	iShares Core MSCI Europe ETF	IEUR	Mexico
MSCI Europe Financials	iShares MSCI Europe Financials ETF	EUFN	Mexico
MSCI Europe ex UK	iShares MSCI Europe ex UK UCITS ETF	IEUX	Mexico
MSCI EMU	iShares MSCI EMU ETF	EZU	Chile, Mexico
MSCI Pacific IMI	iShares Core MSCI Pacific ETF	IPAC	Mexico
MSCI Pacific ex Japan	iShares MSCI Pacific ex Japan ETF	EPP	Chile, Mexico
	iShares Core MSCI Pacific ex Japan UCITS ETF	CPXJ	Mexico
MSCI Australia	iShares MSCI Australia ETF	EWA	Chile, Mexico
MSCI Austria IMI 25/50	iShares MSCI Austria Capped ETF	EW0	Mexico
MSCI Belgium IMI 25/50	iShares MSCI Belgium Capped ETF	EWK	Mexico
MSCI Canada	iShares MSCI Canada ETF	EWC	Chile, Mexico
MSCI Denmark IMI 25/50	iShares MSCI Denmark Capped ETF	EDEN	Mexico
MSCI France	iShares MSCI France ETF	EWQ	Chile, Mexico
MSCI Finland IMI 25/50	iShares MSCI Finland Capped ETF	EFNL	Mexico
MSCI Germany	iShares MSCI Germany ETF	EWG	Chile, Mexico
MSCI Hong Kong	iShares MSCI Hong Kong ETF	EWH	Chile, Mexico
MSCI All Ireland Capped	iShares MSCI Ireland Capped ETF	EIRL	Chile, Mexico
MSCI Israel Capped IMI	iShares MSCI Israel Capped ETF	EIS	Chile, Mexico
MSCI Italy 25/50	iShares MSCI Italy Capped ETF	EWI	Chile, Mexico
MSCI Japan	iShares MSCI Japan ETF	EWJ	Chile, Mexico, El Salvador
MSCI Japan IMI	iShares Core MSCI Japan IMI UCITS ETF	IJPA	Mexico
MSCI Japan Small Cap	iShares MSCI Japan Small Cap ETF	SCJ	Chile, Mexico
MSCI Netherlands IMI	iShares MSCI Netherlands ETF	EWN	Chile, Mexico
MSCI New Zealand IMI 25/50	iShares MSCI New Zealand Capped ETF	ENZL	Chile, Mexico
MSCI Norway IMI 25/50	iShares MSCI Norway Capped ETF	ENOR	Mexico
MSCI Singapore	iShares MSCI Singapore ETF	EWS	Chile, Mexico

MSCI Index	Product Name	Symbol	Cross Listed In
MSCI Spain 25/50	iShares MSCI Spain Capped ETF	EWP	Chile, Mexico
MSCI Sweden	iShares MSCI Sweden ETF	EWD	Mexico
MSCI Switzerland 25/50	iShares MSCI Switzerland Capped ETF	EWL	Chile, Mexico
MSCI UK	iShares MSCI United Kingdom ETF	EWU	Chile, Mexico
MSCI USA	iShares MSCI USA ETF	EUSA	Mexico
MSCI US REIT	Vanguard REIT ETF	VNQ	Mexico
MSCI US Investable Market Materials 25/50	Vanguard Materials ETF	VAW	Mexico
MSCI US Investable Market Consumer Discretionary 25/50	Vanguard Consumer Discretionary ETF	VCR	Mexico
MSCI US Investable Market Consumer Staples 25/50	Vanguard Consumer Staples ETF	VDC	Mexico
MSCI US Investable Market Energy 25/50	Vanguard Energy ETF	VDE	Mexico
MSCI US Investable Market Financials 25/50	Vanguard Financials ETF	VFH	Mexico
MSCI US Investable Market Information Technology 25/50	Vanguard Information Technology ETF	VGT	Mexico
MSCI US Investable Market Health Care 25/50	Vanguard Health Care ETF	VHT	Mexico
MSCI US Investable Market Industrials 25/50	Vanguard Industrials ETF	VIS	Mexico
MSCI US Investable Market Telecommunication Services 25/50	Vanguard Telecommunication Services ETF	VOX	Mexico
MSCI US Investable Market Utilities 25/50	Vanguard Utilities ETF	VPU	Mexico

EMERGING MARKETS INDEXES

MSCI Emerging Markets	iShares MSCI Emerging Markets ETF	EEM	Chile, Mexico
MSCI Emerging Markets IMI	iShares Core MSCI Emerging Markets ETF	IEMG	Mexico
	iShares Core MSCI Emerging Markets IMI UCITS ETF	EIMI	Mexico
MSCI BRIC	iShares MSCI BRIC ETF	BKF	Chile, Mexico
MSCI Brazil 25/50	iShares MSCI Brazil Capped ETF	EWZ	Chile, Mexico, El Salvador
MSCI Brazil Small Cap	iShares MSCI Brazil Small Cap ETF	EWZS	Chile, Mexico
MSCI Chile IMI 25/50	iShares MSCI Chile Capped ETF	ECH	Chile, Mexico, El Salvador
MSCI China	iShares MSCI China ETF	MCHI	Chile, Mexico
MSCI China Small Cap	iShares MSCI China Small Cap ETF	ECNS	Chile, Mexico
MSCI All Colombia Select 25/50	Global X MSCI Colombia ETF	GXG	Colombia
MSCI India	iShares MSCI India ETF	INDA	Mexico
MSCI Indonesia IMI	iShares MSCI Indonesia ETF	EIDO	Chile, Mexico
MSCI Korea 25/50	iShares MSCI South Korea Capped ETF	EWY	Chile, Mexico

MSCI Index	Product Name	Symbol	Cross Listed In
MSCI Malaysia	iShares MSCI Malaysia ETF	EWM	Chile, Mexico
MSCI Mexico IMI 25/50	iShares MSCI Mexico Capped ETF	EWX	Chile, El Salvador
MSCI All Peru Capped	iShares MSCI All Peru Capped ETF	EPU	Chile, Mexico, El Salvador
MSCI Philippines IMI	iShares MSCI Philippines ETF	EPHE	Chile, Mexico
MSCI Poland IMI 25/50	iShares MSCI Poland Capped ETF	EPOL	Chile, Mexico
MSCI Russia 25/50	iShares MSCI Russia Capped ETF	ERUS	Chile, Mexico
MSCI South Africa	iShares MSCI South Africa ETF	EZA	Chile, Mexico
MSCI Taiwan	iShares MSCI Taiwan ETF	EWT	Chile, Mexico
MSCI Thailand IMI 25/50	iShares MSCI Thailand Capped ETF	THD	Chile, Mexico
MSCI Turkey IMI	iShares MSCI Turkey ETF	TUR	Chile, Mexico

FRONTIER MARKETS INDEXES

MSCI Frontier Markets 100	iShares MSCI Frontier 100 ETF	FM	Mexico
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FACTOR INDEXES

MSCI ACWI Minimum Volatility (USD)	iShares Edge MSCI Min Vol Global ETF	ACWV	Mexico
MSCI EAFE Minimum Volatility (USD)	iShares Edge MSCI Min Vol EAFE ETF	EFAV	Chile, Mexico
MSCI Europe Minimum Volatility (USD)	iShares Edge MSCI Europe Min Vol UCITS ETF	MVEU	Mexico
MSCI Emerging Markets Minimum Volatility (USD)	iShares Edge MSCI Min Vol Emerging Markets ETF	EEMV	Mexico
MSCI USA Minimum Volatility (USD)	iShares Edge MSCI Min Vol USA ETF	USMV	Mexico
MSCI USA Quality	iShares MSCI USA Quality Factor ETF	QUAL	Mexico
MSCI USA Momentum	iShares Edge MSCI USA Momentum Factor ETF	MTUM	Mexico
MSCI USA Risk Weighted	iShares MSCI USA Size Factor ETF	SIZE	Mexico
MSCI USA Enhanced Value	iShares Edge MSCI USA Value Factor ETF	VLUE	Mexico

CURRENCY HEDGED INDEXES³

MSCI ACWI ex USA US Dollar Hedged	Deutsche X-trackers MSCI All World ex US Hedged Equity ETF	DBAW	Mexico
MSCI EAFE US Dollar Hedged	Deutsche X-trackers MSCI EAFE Hedged Equity ETF	DBEF	Mexico
MSCI EAFE 100% Hedged to USD	iShares Currency Hedged MSCI EAFE ETF	HEFA	Mexico
MSCI Europe US Dollar Hedged	Deutsche X-trackers MSCI Europe Hedged Equity ETF	DBEU	Mexico
MSCI EMU IMI US Dollar Hedged	Deutsche X-trackers MSCI Eurozone Hedged Equity ETF	DBEZ	Mexico
MSCI Emerging Markets US Dollar Hedged	Deutsche X-trackers MSCI Emerging Markets Hedged Equity ETF	DBEM	Mexico
MSCI Emerging Markets 100% Hedged to USD	iShares Currency Hedged MSCI Emerging Markets ETF	HEEM	Mexico
MSCI Japan US Dollar Hedged	Deutsche X-trackers MSCI Japan Hedged Equity ETF	DBJP	Mexico

MSCI Index	Product Name	Symbol	Cross Listed In
MSCI Japan 100% Hedged to USD	iShares Currency Hedged MSCI Japan ETF	HEWJ	Mexico
MSCI Germany 100% Hedged to USD	iShares Currency Hedged MSCI Germany ETF	HEWG	Mexico
MSCI Germany US Dollar Hedged	Deutsche X-trackers MSCI Germany Hedged Equity ETF	DBGR	Mexico
MSCI EMU 100% Hedged to USD	iShares Currency Hedged MSCI EMU ETF	HEZU	Mexico

SHORT & LEVERAGED INDEXES⁴

MSCI Emerging Markets	Direxion Emerging Markets Bear 3+	EDZ	Mexico
	Direxion Emerging Markets Bull 3+	EDC	Mexico

ESG INDEXES

MSCI ACWI Sustainable Impact	iShares Sustainable MSCI Global Impact ETF	MPCT	Mexico
MSCI ACWI Low Carbon Target	iShares MSCI ACWI Low Carbon Target ETF	CRBN	Mexico
MSCI USA ESG Select	iShares MSCI USA ESG Select ETF	KLD	Mexico
MSCI KLD 400 Social	iShares MSCI KLD 400 Social ETF	DSI	Mexico

³ This category is defined by ETF products that apply currency hedges to a standard MSCI Index

⁴ This category is defined by ETF products that leverage (+2x or +3x) or short (-1x, -2x, or -3x) a standard MSCI Index

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