

Institutional Intelligent Portfolios[®]

ETF List: Evaluation and Selection

Institutional Intelligent Portfolios lets advisors choose from a range of more than 450 eligible exchange-traded funds (ETFs) to create customized investment portfolios for clients. The ETFs on this platform were selected by Schwab Wealth Investment Advisory, Inc. (SWIA) based on research and recommendations from Charles Schwab Investment Advisory, Inc. (CSIA).

For initial selection on the Institutional Intelligent Portfolios list, ETFs were required to meet the following criteria:

- Correspond to one of 28 available asset classes
- At least three full months of performance history
- A minimum of \$20 million in assets
- A three-month bid-ask spread of no greater than 35bps

Ineligible exchange-traded products:

- Actively managed ETFs
- Exchange-traded notes (ETNs)
- Inverse and leveraged ETFs

The ETFs available through Institutional Intelligent Portfolios have been through a strict evaluation process and are monitored each quarter regarding the criteria.

ETF Name	Ticker
Stocks	
U.S. Large Company Stocks	
AlphaClone Alternative Alpha ETF	ALFA
ALPS Equal Sector Weight ETF	EQL
Barron's 400 ETF	BFOR
Compass EMP US 500 Enh Vol Wtd ETF	CFO
Deep Value ETF	DVP
Direxion All Cap Insider Sentiment ETF	KNOW
Direxion iBillionaire Index ETF	IBLN
Direxion NASDAQ-100 [®] Equal Wtd ETF	QQQE
Direxion S&P 500 [®] Volatil Response ETF	VSPY
Fidelity [®] Nasdaq Composite Tr Stk ETF	ONEQ
First Trust Capital Strength ETF	FTCS
First Trust Large Cap Core AlphaDEX [®] ETF	FEX
First Trust Large Cap Gr AlphaDEX [®] ETF	FTC
First Trust Large Cap Val AlphaDEX [®] ETF	FTA

ETF Name	Ticker
First Trust Multi Cap Gr AlphaDEX [®] ETF	FAD
First Trust Multi Cap Val AlphaDEX [®] ETF	FAB
First Trust NASDAQ-100 Equal Wtd ETF	QQEW
First Trust NASDAQ-100 ex-Tech Sect ETF	QQXT
First Trust US IPO ETF	FPX
First Trust Value Line [®] 100 ETF	FVL
FlexShares Mstar US Mkt Factors Tilt ETF	TILT
Global X Guru [™] Index ETF	GURU
Global X JPMorgan US Sector Rotat ETF	SCTO
Global X Scientific Beta US ETF	SCIU
Goldman Sachs ActiveBeta [®] US LgCp Eq ETF	GSLC
Guggenheim Defensive Equity ETF	DEF
Guggenheim Insider Sentiment ETF	NFO
Guggenheim Raymond James SB-1 Equity ETF	RYJ
Guggenheim S&P 500 [®] Top 50 ETF	XLG
Guggenheim S&P 500 [®] Equal Weight ETF	RSP

ETF Name	Ticker
Guggenheim S&P 500® Pure Growth ETF	RPG
Guggenheim S&P 500® Pure Value ETF	RPV
Guggenheim Spin-Off ETF	CSD
Horizons S&P 500® Covered Call ETF	HSPX
iShares Core S&P 500®	IVV
iShares Core S&P Total US Stock Mkt	ITOT
iShares Core US Growth	IUSG
iShares Core US Value	IUSV
iShares Dow Jones US	IYY
iShares FactorSelect MSCI USA	LRGF
iShares Morningstar Large-Cap	JKD
iShares Morningstar Large-Cap Growth	JKE
iShares Morningstar Large-Cap Value	JKF
iShares MSCI KLD 400 Social	DSI
iShares MSCI USA	EUSA
iShares MSCI USA ESG Select	KLD
iShares MSCI USA Minimum Volatility	USMV
iShares MSCI USA Momentum Factor	MTUM
iShares MSCI USA Quality Factor	QUAL
iShares MSCI USA Size Factor	SIZE
iShares MSCI USA Value Factor	VLUE
iShares Russell 1000	IWB
iShares Russell 1000 Growth	IWF
iShares Russell 1000 Value	IWD
iShares Russell 3000	IWV
iShares Russell Top 200	IWL
iShares Russell Top 200 Growth	IWY
iShares Russell Top 200 Value	IWX
iShares S&P 100	OEF
iShares S&P 500® Growth	IVW
iShares S&P 500® Value	IVE
JHancock Multifactor Large Cap ETF	JHML
JPMorgan Diversified Return US Eq ETF	JPUS
VanEck Vectors™ Morningstar Wide Moat ETF	MOAT
Pacer Trendpilot™ 100 ETF	PTNQ
Pacer Trendpilot™ 750 ETF	PTLC

ETF Name	Ticker
PowerShares Buyback Achievers ETF	PKW
PowerShares DWA Momentum ETF	PDP
PowerShares DWA NASDAQ Momentum ETF	DWAQ
PowerShares DWA Tactical Sector Rtn	DWTR
PowerShares Dynamic Large Cap Growth ETF	PWB
PowerShares Dynamic Large Cap Value ETF	PWV
PowerShares Dynamic Market ETF	PWC
PowerShares Fundamental Pure Lg Gr ETF	PXLG
PowerShares Fundamental Pure Lg Val ETF	PXLV
PowerShares QQQ ETF	QQQ
PowerShares Russell 1000 Equal Weight ETF	EQAL
PowerShares Russell 1000 Low Beta Eq Wgt	USLB
PowerShares Russell Top 200 Equal Weight Portfolio	EQWL
PowerShares S&P 500® BuyWrite ETF	PBP
PowerShares S&P 500® ex-Rate Sns vLwVtl ETF	XRLV
PowerShares S&P 500® High Beta ETF	SPHB
PowerShares S&P 500® High Quality ETF	SPHQ
PowerShares S&P 500® Low Volatility ETF	SPLV
ProShares Large Cap Core Plus	CSM
Renaissance IPO ETF	IPO
RevenueShares Large Cap ETF	RWL
Schwab US Broad Market ETF™	SCHB
Schwab US Large-Cap ETF™	SCHX
Schwab US Large-Cap Growth ETF™	SCHG
Schwab US Large-Cap Value ETF™	SCHV
SPDR® Dow Jones Industrial Average ETF	DIA
SPDR® Russell 1000® ETF	ONEK
SPDR® Russell 1000® Low Volatility Focus ETF	ONEV
SPDR® Russell 1000® Low Volatility ETF	LGLV
SPDR® Russell 1000® Yield ETF	ONEY
SPDR® Russell 3000® ETF	THRK
SPDR® S&P 500® ETF	SPY
SPDR® S&P 500® Fossil Fuel Free ETF	SPYX
SPDR® S&P 500® Growth ETF	SPYG
SPDR® S&P 500® Value ETF	SPYV
Vanguard Growth ETF	VUG

ETF Name	Ticker
Vanguard Large-Cap ETF	VV
Vanguard Mega Cap ETF	MGC
Vanguard Mega Cap Growth ETF	MGK
Vanguard Mega Cap Value ETF	MGV
Vanguard Russell 1000 ETF	VONE
Vanguard Russell 1000 Growth ETF	VONG
Vanguard Russell 1000 Value ETF	VONV
Vanguard Russell 3000 ETF	VTHR
Vanguard S&P 500® ETF	VOO
Vanguard S&P 500® Growth ETF	VOOG
Vanguard S&P 500® Value ETF	VOOV
Vanguard Total Stock Market ETF	VTI
Vanguard Value ETF	VTV
Victory CEMP US 500 Volatility Wtd ETF	CFA
Vident Core US Equity	VUSE
WisdomTree Earnings 500 ETF	EPS
WisdomTree Large Cap Value ETF	EZY
WisdomTree Total Earnings ETF	EXT
U.S. Large Company Stocks—Fundamental	
PowerShares FTSE RAFI US 1000 ETF	PRF
Schwab Fundamental US Broad Market ETF	FNDB
Schwab Fundamental US Large Company ETF	FNDX
U.S. Small Company Stocks	
First Trust Dow Jones Sel MicroCap ETF	FDM
First Trust Mid Cap Core AlphaDEX® ETF	FNX
First Trust Mid Cap Growth AlphaDEX® ETF	FNY
First Trust Mid Cap Value AlphaDEX® ETF	FNK
First Trust Small Cap Core AlphaDEX® ETF	FYX
First Trust Small Cap Gr AlphaDEX® ETF	FYC
First Trust Small Cap Val AlphaDEX® ETF	FYT
Guggenheim Mid-Cap Core ETF	CZA
Guggenheim S&P MidCap 400® Equal Wt ETF	EWMC
Guggenheim S&P MidCap 400® Pure Gr ETF	RFG
Guggenheim S&P MidCap 400® Pure Val ETF	RFV
Guggenheim S&P SmallCap 600® Pure Gr ETF	RZG
Guggenheim S&P SmallCap 600® Pure Val ETF	RZV

ETF Name	Ticker
iShares Core S&P Mid-Cap	IJH
iShares Core S&P Small-Cap	IJR
iShares Micro-Cap	IWC
iShares Morningstar Mid-Cap	JKG
iShares Morningstar Mid-Cap Growth	JKH
iShares Morningstar Mid-Cap Value	JKI
iShares Morningstar Small-Cap	JKJ
iShares Morningstar Small-Cap Growth	JKK
iShares Morningstar Small-Cap Value	JKL
iShares Russell 2000	IWM
iShares Russell 2000 Growth	IWO
iShares Russell 2000 Value	IWN
iShares Russell Mid-Cap	IWR
iShares Russell Mid-Cap Growth	IWP
iShares Russell Mid-Cap Value	IWS
iShares S&P Mid-Cap 400® Growth	IJK
iShares S&P Mid-Cap 400® Value	IJJ
iShares S&P Small-Cap 600® Growth	IJT
iShares S&P Small-Cap 600® Value	IJS
Pacer Trendpilot™ 450 ETF	PTMC
PowerShares DWA SmallCap Momentum ETF	DWAS
PowerShares Fundamental Pure Mid Gr ETF	PXMG
PowerShares Fundamental Pure Mid Val ETF	PXMV
PowerShares Fundamental Pure Sm Gr ETF	PXSG
PowerShares Fundamental Pure Sm Val ETF	PXSV
PowerShares S&P MidCap Low Volatil ETF	XMLV
PowerShares S&P SmallCap Low Volatil ETF	XSLV
RevenueShares Mid Cap ETF	RWK
RevenueShares Small Cap ETF	RWJ
Schwab US Mid-Cap ETF™	SCHM
Schwab US Small-Cap ETF™	SCHA
SPDR® Russell 2000® ETF	TWOK
SPDR® Russell 2000® Low Volatility ETF	SMLV
SPDR® S&P® 400 Mid Cap Growth ETF	MDYG
SPDR® S&P® 400 Mid Cap Value ETF	MDYV
SPDR® S&P® 600 Small Cap ETF	SLY

ETF Name	Ticker
SPDR® S&P® 600 Small Cap Growth ETF	SLYG
SPDR® S&P® 600 Small Cap Value ETF	SLYV
SPDR® S&P MidCap 400® ETF	MDY
Vanguard Extended Market ETF	VXF
Vanguard Mid-Cap ETF	VO
Vanguard Mid-Cap Growth ETF	VOT
Vanguard Mid-Cap Value ETF	VOE
Vanguard Russell 2000 ETF	VTWO
Vanguard Russell 2000 Growth ETF	VTWG
Vanguard Russell 2000 Value ETF	VTWV
Vanguard S&P Mid-Cap 400® ETF	IVOO
Vanguard S&P Mid-Cap 400® Growth ETF	IVOG
Vanguard S&P Mid-Cap 400® Value ETF	IVOV
Vanguard S&P Small-Cap 600® ETF	VIOO
Vanguard S&P Small-Cap 600® Growth ETF	VIOG
Vanguard S&P Small-Cap 600® Value ETF	VIOV
Vanguard Small-Cap ETF	VB
Vanguard Small-Cap Growth ETF	VBK
Vanguard Small-Cap Value ETF	VBR
Victory CEMP US Discv Enh Vol Wtd ETF	CSF
WisdomTree MidCap Earnings ETF	EZM
WisdomTree SmallCap Earnings ETF	EES
U.S. Small Company Stocks—Fundamental	
PowerShares FTSE RAFI US 1500 Sm-Mid ETF	PRFZ
Schwab Fundamental US Small Company ETF	FNDA
U.S. High-Dividend Stocks	
ALPS Sector Dividend Dogs ETF	SDOG
Compass EMP US EQ Inc 100 EnhVol Wtd ETF	CDC
First Trust Morningstar Div Leaders ETF	FDL
First Trust NASDAQ Rising Div Achiev ETF	RDVY
First Trust Value Line® Dividend ETF	FVD
FlexShares Quality Dividend Defensv ETF	QDEF
FlexShares Quality Dividend Dynamic ETF	QDYN
FlexShares Quality Dividend ETF	QDF
Global X SuperDividend™ US ETF	DIV
iShares Core Dividend Growth	DGRO

ETF Name	Ticker
iShares Core High Dividend	HDV
iShares Select Dividend	DVY
O'Shares FTSE US Quality Dividend ETF	OUSA
PowerShares Dividend Achievers™ ETF	PFM
PowerShares High Yld Eq Div Achiev™ ETF	PEY
PowerShares S&P 500® High Dividend ETF	SPHD
ProShares Russell 2000 Dividend Growers	SMDV
ProShares S&P 500® Dividend Aristocrats	NOBL
ProShares S&P MidCap 400® Dividend Arst	REGL
RevenueShares Ultra Dividend ETF	RDIV
Schwab US Dividend Equity ETF™	SCHD
SPDR® S&P Dividend ETF	SDY
Vanguard Dividend Appreciation ETF	VIG
Vanguard High Dividend Yield ETF	VYM
Victory CEMP US Lg Cp Hh Dv Vol Wtd ETF	CDL
WisdomTree Dividend ex-Financials ETF	DTN
WisdomTree Equity Income ETF	DHS
WisdomTree LargeCap Dividend ETF	DLN
WisdomTree MidCap Dividend ETF	DON
WisdomTree SmallCap Dividend ETF	DES
WisdomTree Total Dividend ETF	DTD
WisdomTree US Dividend Growth ETF	DGRW
WisdomTree US SmallCap Dividend Gr ETF	DGRS
International Developed Large Company Stocks	
BLDRS Developed Markets 100 ADR ETF	ADRD
Cambria Foreign Shareholder Yield ETF	FYLD
Cambria Global Value ETF	GVAL
Deutsche X-trackers MSCI AIWd exUS HgdEq	DBAW
Deutsche X-trackers MSCI EAFE Hedged Eq	DBEF
First Trust Dev Mkts Ex-US AlphaDEX® ETF	FDT
First Trust Dorsey Wright Focus 5 ETF	FV
First Trust Dorsey Wright Intl Foc 5	IFV
FlexShares Mstar DevMks exUS FctTilt ETF	TLTD
iShares Core MSCI EAFE	IEFA
iShares Core MSCI Total Intl Stk	IXUS
iShares Currency Hedged MSCI EAFE	HEFA

ETF Name	Ticker
iShares Global 100	IOO
iShares MSCI ACWI	ACWI
iShares MSCI ACWI ex US	ACWX
iShares MSCI ACWI Low Carbon Target	CRBN
iShares MSCI All Country World Mini Vol	ACWV
iShares MSCI EAFE	EFA
iShares MSCI EAFE Growth	EFG
iShares MSCI EAFE Minimum Volatility	EFAV
iShares MSCI EAFE Value	EFV
iShares MSCI Intl Dev Val Factor	IVLU
iShares MSCI Kokusai	TOK
JPMorgan Diversified Return Gbl Eq ETF	JPGE
JPMorgan Diversified Return Intl Eq ETF	JPIN
PowerShares DWA Developed Mkts Mom ETF	PIZ
PowerShares S&P Intl Dev Low Volatil ETF	IDLV
RevenueShares ADR ETF	RTR
Schwab International Equity ETF™	SCHF
SPDR® MSCI ACWI ex-US ETF	CWI
SPDR® MSCI ACWI Low Carbon Target ETF	LOWC
SPDR® S&P World ex-US ETF	GWL
Vanguard FTSE All-World ex-US ETF	VEU
Vanguard FTSE Developed Markets ETF	VEA
Vanguard Total International Stock ETF	VXUS
Vanguard Total World Stock ETF	VT
Vident International Equity	VIDI
WisdomTree Global ex-US Dividend Gr ETF	DNL
International Developed Large Company Stocks– Fundamental	
PowerShares FTSE RAFI Dev Mkts ex-US ETF	PXF
Schwab Fundamental Intl Lg Co ETF	FNDF
International Developed Small Company Stocks	
iShares MSCI EAFE Small-Cap	SCZ
Schwab International Small-Cap Eq ETF™	SCHC
SPDR® S&P International Small Cap ETF	GWX
Vanguard FTSE All-World ex-US Sm-Cp ETF	VSS

ETF Name	Ticker
International Developed Small Company Stocks– Fundamental	
PowerShares FTSE RAFI DvMkt exUS S/M ETF	PDN
Schwab Fundamental Intl Sm Co ETF	FNDC
International Emerging Market Stocks	
BLDRS Emerging Markets 50 ADR ETF	ADRE
EGShares EM Quality Dividend ETF	HILO
First Trust Emerging Mrkts AlphaDEX® ETF	FEM
First Trust Emerg Mkts SC AlphaDEX® ETF	FEMS
First Trust ISE Chindia ETF	FNI
Guggenheim BRIC ETF	EEB
Guggenheim Frontier Markets ETF	FRN
iShares Core MSCI Emerging Markets	IEMG
iShares Currency Hedged MSCI Emerg Mkts	HEEM
iShares Emerging Markets Dividend	DVYE
iShares Latin America 40	ILF
iShares MSCI BRIC	BKF
iShares MSCI Emerging Markets	EEM
iShares MSCI Emerging Markets Asia	EEMA
iShares MSCI Emerging Markets Mini Vol	EEMV
iShares MSCI Frontier 100	FM
JPMorgan Diversified Return EMkts Eq ETF	JPEM
PowerShares DWA Emerging Markets Mom ETF	PIE
PowerShares S&P Em Mkts Low Volatil ETF	EELV
Schwab Emerging Markets Equity ETF™	SCHE
SPDR® S&P BRIC 40 ETF	BIK
SPDR® S&P Emerging Asia Pacific ETF	GMF
SPDR® S&P Emerging Markets Dividend ETF	EDIV
SPDR® S&P Emerging Markets ETF	GMM
SPDR® S&P Emerging Markets Small Cap ETF	EWX
Vanguard FTSE Emerging Markets ETF	VWO
WisdomTree Emerging Markets Eq Inc ETF	DEM
WisdomTree Emerging Markets SmCp Div ETF	DGS
International Emerging Market Stocks–Fundamental	
PowerShares FTSE RAFI Emerging Mkts ETF	PXH

ETF Name	Ticker
Schwab Fundamental Emerg Mkts Lg Co ETF	FNDE
International High-Dividend Stocks	
ALPS International Sector Div Dogs ETF	IDOG
First Trust Dow Jones Global Sel Div ETF	FGD
FlexShares Intl Qual Div Defensv ETF	IQDE
FlexShares Intl Qual Div Dynamic ETF	IQDY
FlexShares Intl Qual Div ETF	IQDF
Global X SuperDividend™ ETF	SDIV
Guggenheim S&P Global Div Opps Idx ETF	LVL
iShares International Select Dividend	IDV
PowerShares Intl Div Achiev ETF	PID
SPDR® S&P Global Dividend ETF	WDIV
SPDR® S&P International Dividend ETF	DWX
WisdomTree DEFA Equity Income ETF	DTH
WisdomTree DEFA ETF	DWM
WisdomTree Global Equity Income ETF	DEW
WisdomTree Global SmallCap Dividend ETF	GSD
WisdomTree International Hdgd Div Gr ETF	IHDG
WisdomTree International LargeCp Div ETF	DOL
WisdomTree International MidCap Div ETF	DIM
WisdomTree International SmallCp Div ETF	DLS
WisdomTree Intl Div ex-Fincls ETF	DOO
Master Limited Partnerships	
Alerian Energy Infrastructure ETF	ENFR
Alerian MLP ETF	AMPLP
Direxion Zacks MLP High Income ETF	ZMLP
Global X MLP & Energy Infrastructure ETF	MLPX
Global X MLP ETF	MLPA
U.S. Exchange-Traded REITs	
Fidelity® MSCI Real Estate ETF	FREL
First Trust S&P REIT ETF	FRI
IQ US Real Estate Small Cap ETF	ROOF
iShares Cohen & Steers REIT	ICF
iShares Real Estate 50	FTY
iShares Residential Rel Est Capped	REZ

ETF Name	Ticker
iShares US Real Estate	IYR
PowerShares KBW Premium Yld Eq REIT ETF	KBWY
Schwab US REIT ETF™	SCHH
SPDR® Dow Jones REIT ETF	RWR
Vanguard REIT ETF	VNQ
Wilshire US REIT ETF	WREI
International Exchange-Traded REITs	
Cohen & Steers Global Realty Majors ETF	GRI
FlexShares Gbl Quality Real Estate ETF	GQRE
Guggenheim China Real Estate ETF	TAO
iShares Global REIT	REET
iShares International Developed Property	WPS
iShares International Dev Rel Est	IFGL
SPDR® Dow Jones Global Real Estate ETF	RWO
SPDR® Dow Jones International RelEst ETF	RWX
Vanguard Global ex-US Real Estate ETF	VNQI
WisdomTree Global ex-US Real Estate ETF	DRW
WisdomTree Japan Hedged Real Estate ETF	DXJR
Fixed Income	
U.S. Short-Term Treasuries	
iShares 1-3 Year Treasury Bond	SHY
iShares Core Short-Term USD Bond	ISTB
iShares Short Treasury Bond	SHV
PIMCO 1-3 Year US Treasury ETF	TUZ
Schwab Short-Term US Treasury ETF™	SCHO
SPDR® Barclays 1-3 Month T-Bill ETF	BIL
SPDR® Barclays Short Term Treasury ETF	SST
Vanguard Short-Term Bond ETF	BSV
Vanguard Short-Term Government Bond ETF	VGSH
U.S. Treasuries	
iShares 10-20 Year Treasury Bond	TLH
iShares 20+ Year Treasury Bond	TLT
iShares 3-7 Year Treasury Bond	IEI
iShares 7-10 Year Treasury Bond	IEF
iShares Core Long-Term USD Bond	ILTB

ETF Name	Ticker
iShares Core Total USD Bond Market	IUSB
iShares Core US Aggregate Bond	AGG
iShares Core US Treasury Bond	GOVT
iShares Government/Credit Bond	GBF
iShares Interm Government/Credit Bd	GVI
PIMCO 25+ Year Zero Coupon US Trs ETF	ZROZ
PowerShares 1-30 Laddered Treasury ETF	PLW
Schwab Intermediate-Term US Trs ETF™	SCHR
Schwab US Aggregate Bond ETF™	SCHZ
SPDR® Barclays Aggregate Bond ETF	BNDS
SPDR® Barclays Intermediate Term Trs ETF	ITE
SPDR® Barclays Long Term Treasury ETF	TLO
Vanguard Extended Duration Treasury ETF	EDV
Vanguard Intermediate-Term Bond ETF	BIV
Vanguard Intermediate-Term Govt Bd ETF	VGIT
Vanguard Long-Term Bond ETF	BLV
Vanguard Long-Term Government Bond ETF	VGLT
Vanguard Total Bond Market ETF	BND
Vident Core US Bond Strategy ETF™	VBND
WisdomTree Barclays US Aggt Bd Enh Yld	AGGY
Investment-Grade Municipal Bonds	
iShares iBonds Dec 2021 Term Muni Bond	IBMJ
iShares iBonds Sep 2018 AMT-Free Muni Bd	IBMG
iShares iBonds Sep 2019 Term Muni Bond	IBMH
iShares iBonds Sep 2020 Term Muni Bond	IBMI
iShares National AMT-Free Muni Bond	MUB
iShares New York AMT-Free Muni Bond	NYF
iShares ST National AMT-Free Muni Bnd	SUB
Market Vectors® Intermediate Muni ETF	ITM
Market Vectors® Long Municipal ETF	MLN
Market Vectors® Short Municipal ETF	SMB
PowerShares Build America Bond ETF	BAB
PowerShares National AMT-Free MuniBd ETF	PZA
PowerShares VRDO Tax-Free Weekly ETF	PVI
SPDR® Nuveen Barclays Municipal Bond ETF	TFI

ETF Name	Ticker
SPDR® Nuveen Barclays ST Muni Bd ETF	SHM
iShares iBonds Sep 2016 AMT-Free Muni Bd	IBME
iShares iBonds Sep 2017 AMT-Free Muni Bd	IBMF
Vanguard Tax-Exempt Bond ETF	VTEB
Investment-Grade Municipal Bonds—California Specific	
iShares Cali AMT-Free Muni Bond	CMF
PowerShares Calif AMT-Free Muni Bd ETF	PWZ
SPDR® Nuveen Barclays CA Muni Bd ETF	CXA
U.S. Investment-Grade Corporate Bonds	
FlexShares Credit-Scored US Corp Bd ETF	SKOR
Guggenheim BulletShrs® 2016 Corp Bd ETF	BSCG
Guggenheim BulletShrs® 2017 Corp Bd ETF	BSCH
Guggenheim BulletShrs® 2018 Corp Bd ETF	BSCI
Guggenheim BulletShrs® 2019 Corp Bd ETF	BSCJ
Guggenheim BulletShrs® 2020 Corp Bd ETF	BSCK
Guggenheim BulletShrs® 2021 Corp Bd ETF	BSCL
Guggenheim BulletShrs® 2022 Corp Bd ETF	BSCM
Guggenheim BulletShrs® 2023 Corp Bd ETF	BSCN
Guggenheim BulletShrs® 2024 Corp Bd ETF	BSCO
iShares 0-5 Year Invmt Grd Corp Bd	SLQD
iShares 1-3 Year Credit Bond	CSJ
iShares 10+ Year Credit Bond	CLY
iShares Aaa - A Rated Corporate Bond	QLTA
iShares CMBS	CMBS
iShares Core US Credit Bond	CRED
iShares Floating Rate Bond	FLOT
iShares iBonds Dec 2016 Corporate	IBDF
iShares iBonds Dec 2017 Term Corporate	IBDJ
iShares iBonds Dec 2018 Corporate	IBDH
iShares iBonds Dec 2019 Term Corporate	IBDK
iShares iBonds Dec 2020 Term Corporate	IBDL
iShares iBonds Dec 2021 Term Corporate	IBDM
iShares iBonds Dec 2022 Term Corporate	IBDN
iShares iBonds Dec 2023 Term Corporate	IBDO
iShares iBonds Dec 2024 Term Corporate	IBDP

ETF Name	Ticker
iShares iBonds Dec 2025 Term Corporate	IBDQ
iShares iBoxx \$ Invst Grade Crp Bond	LQD
iShares Intermediate Credit Bond	CIU
Market Vectors® Investment Grd Fl Rt ETF	FLTR
PIMCO Investment Grade Corporate Bd ETF	CORP
PowerShares Fundamental InvGr CorpBd ETF	PFIG
SPDR® Barclays Interm Term Corp Bd ETF	ITR
SPDR® Barclays Investment Grd Fl Rt ETF	FLRN
SPDR® Barclays Issuer Scored Corp Bd ETF	CBND
SPDR® Barclays Long Term Corp Bd ETF	LWC
SPDR® Barclays Short Term Corp Bd ETF	SCPB
Vanguard Intermediate-Term Corp Bd ETF	VCIT
Vanguard Long-Term Corporate Bond ETF	VCLT
Vanguard Short-Term Corporate Bond ETF	VCSH
U.S. Securitized Bonds	
FlexShares Disciplined Duration MBS ETF	MBSD
iShares Agency Bond	AGZ
iShares GNMA Bond	GNMA
iShares MBS	MBB
SPDR® Barclays Mortgage Backed Bond ETF	MBG
Vanguard Mortgage-Backed Securities ETF	VMBS
U.S. Inflation-Protected Bonds	
FlexShares iBoxx 3Yr Target Dur TIPS ETF	TDTT
FlexShares iBoxx 5Yr Target Dur TIPS ETF	TDTF
iShares 0-5 Year TIPS Bond	STIP
iShares TIPS Bond	TIP
PIMCO 1-5 Year US TIPS ETF	STPZ
PIMCO 15+ Year US TIPS ETF	LTPZ
PIMCO Broad US TIPS ETF	TIPZ
Schwab US TIPS ETF™	SCHP
SPDR® Barclays 1-10 Year TIPS ETF	TIPX
SPDR® Barclays TIPS ETF	IPE
Vanguard Short-Term Infl-Prot Secs ETF	VTIP
Preferred Securities	
Global X SuperIncome™ Preferred ETF	SPFF

ETF Name	Ticker
iShares US Preferred Stock	PFF
Market Vectors® Pref Secs exFincls ETF	PFXF
PowerShares Financial Preferred ETF	PGF
PowerShares Preferred ETF	PGX
PowerShares Variable Rate Preferred ETF	VRP
SPDR® Wells Fargo Preferred Stock ETF	PSK
International Developed Country Bonds	
iShares 1-3 Year International Trs Bd	ISHG
iShares Core International Aggregate Bd	IAGG
iShares Global Inflation-Linked Bond	GTIP
iShares International Treasury Bond	IGOV
Market Vectors® Intl Hi-Yld Bd ETF	IHY
PowerShares International Corp Bd ETF	PICB
SPDR® Barclays International Corp Bd ETF	IBND
SPDR® Barclays International Trs Bd ETF	BWX
SPDR® Barclays Short Term IntlTrs Bd ETF	BWZ
SPDR® DB Intl Govt Inflation-Prot Bd ETF	WIP
Vanguard Total International Bond ETF	BNDX
Bank Loans	
Highland/iBoxx Senior Loan ETF	SNLN
PowerShares Senior Loan ETF	BKLN
U.S. Corporate High-Yield Bonds	
Guggenheim BulletShrs® 2016 HY CorpBd ETF	BSJG
Guggenheim BulletShrs® 2017 HY CorpBd ETF	BSJH
Guggenheim BulletShrs® 2018 HY CorpBd ETF	BSJI
Guggenheim BulletShrs® 2019 HY CorpBd ETF	BSJJ
Guggenheim BulletShrs® 2020 HY CorpBd ETF	BSJK
Guggenheim BulletShrs® 2021 HY CorpBd ETF	BSJL
iShares 0-5 Year High Yield Corp Bd	SHYG
iShares iBoxx \$ High Yield Corporate Bd	HYG
Market Vectors® FallenAngel HiYld Bd ETF	ANGL
PIMCO 0-5 Year High Yield Corp Bd ETF	HYS
PowerShares Fundamental HiYld CorpBd ETF	PHB
SPDR® Barclays High Yield Bond ETF	JNK
SPDR® Barclays Short Term Hi Yld Bd ETF	SJNK

ETF Name	Ticker
International Emerging Market Bonds	
iShares Emerging Markets High Yield Bond	EMHY
iShares Emerg Mkts Local Currency Bond	LEMB
iShares JPMorgan USD Emerg Markets Bond	EMB
Market Vectors® EM High Yield Bd ETF	HYEM
Market Vectors® EM Local Currency Bd ETF	EMLC
PowerShares Chinese Yuan Dim Sum Bd ETF	DSUM
PowerShares Emerging Markets Sov Dbt ETF	PCY
Vanguard Emerging Markets Govt Bd ETF	VWOB
Commodities	
Gold and Other Precious Metals	
ETFS Physical Palladium	PALL
ETFS Physical Platinum	PPLT
ETFS Physical PM Basket	GLTR
ETFS Physical Silver	SIVR
ETFS Physical Swiss Gold	SGOL
iShares Gold Trust	IAU
iShares Silver Trust	SLV
Merk Gold ETF	OUNZ
PowerShares DB Gold ETF	DGL
PowerShares DB Precious Metals ETF	DBP
PowerShares DB Silver ETF	DBS
SPDR® Gold Shares	GLD

Investors should carefully consider information contained in the prospectus, including investment objectives, risks, charges, and expenses. You can request a prospectus by visiting Schwab.com or calling Schwab at 1-800-435-4000. Please read the prospectus carefully before investing.

Brokerage Products: Not FDIC-Insured • No Bank Guarantee • May Lose Value

Institutional Intelligent Portfolios® is made available through independent investment advisors and is sponsored by Schwab Wealth Investment Advisory, Inc. (SWIA), a registered investment advisor. SWIA is an affiliate of Charles Schwab & Co., Inc. (CS&Co.) and a subsidiary of The Charles Schwab Corporation.

Charles Schwab Investment Advisory, Inc. (CSIA) provides ETF research services to SWIA for the program. CSIA and SWIA are affiliates of CS&Co. and subsidiaries of The Charles Schwab Corporation.

Schwab Advisor Services™ serves independent investment advisors and includes the custody, trading, and support services of Charles Schwab & Co., Inc., Member SIPC.

This material is for registered investment advisor use only. This material may not be forwarded or made available, in part or in whole, to any party that is not a registered investment advisor.

©2016 Schwab Wealth Investment Advisory, Inc. All rights reserved.
 CC0422654 (0515-4007) MKT86499-09 (07/16)
 00170744



Own your tomorrow.