

HV ETF Master List as of 12/01/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	47	23.20%	38.83%	40.83%	84.34%	52.89%	-27.31%
XLE	Energy Select Sector *	Energy Equities	23	0.59%	10.20%	15.53%	63.69%	13.85%	-3.43%
VDE	Vanguard Energy VIPERS	Energy Equities	22	0.11%	9.49%	14.31%	63.54%	13.60%	-3.76%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	22	35.75%	19.54%	48.43%	-15.83%	6.74%	-58.05%
IYE	Dow Jones US Energy	Specialty-Natural Res.	21	0.33%	9.54%	13.26%	62.06%	14.05%	-3.41%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	20	-1.64%	5.38%	11.07%	63.83%	12.86%	-5.30%
IXC	S&P Global Energy	Energy Equities	19	1.93%	10.38%	14.27%	49.62%	11.73%	-3.38%
FXN	1st Trust Energy AlphaDEX	Energy Equities	18	-0.27%	6.57%	7.99%	56.46%	12.38%	-3.87%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	17	32.45%	17.12%	23.32%	-6.21%	1.13%	-32.54%
IGE	iShares North American Natural Resources	Commodity Producers	15	3.72%	10.20%	11.29%	35.58%	8.30%	-6.05%
XME	SPDR S&P Metals & Mining	Commodity Producers	15	16.05%	14.05%	9.81%	19.50%	4.58%	-18.74%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	15	31.53%	17.24%	24.06%	-11.45%	1.73%	-42.03%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	14	33.62%	15.34%	21.94%	-14.68%	-1.79%	-37.64%
EWI	iShares Italy Index	Europe Stock	13	17.80%	26.48%	21.06%	-14.69%	9.55%	-18.80%
FEZ	SPDR Euro Stoxx 50	Europe Stock	13	20.33%	25.31%	19.68%	-13.74%	10.35%	-18.44%
PPLT	ETFS Physical Platinum Shares	Precious Metals	13	13.07%	12.33%	18.06%	7.41%	10.39%	-19.15%
EWV	iShares Mexico Index	Latin America Stock	12	5.63%	18.49%	18.18%	7.15%	10.87%	-5.90%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	12	10.47%	12.28%	9.47%	14.13%	5.21%	-7.89%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	12	11.59%	14.23%	12.26%	11.69%	6.32%	-7.67%
SLV	iShares Silver Trust	Precious Metals	12	16.95%	10.19%	23.19%	-2.46%	7.02%	-22.30%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	12	-18.65%	-8.64%	1.42%	72.82%	7.24%	-31.58%
EWP	iShares Spain Index	Europe Stock	11	16.09%	21.32%	12.86%	-5.79%	6.10%	-31.71%
EWN	iShares Netherlands Index	Europe Stock	11	24.78%	22.38%	16.48%	-21.49%	7.93%	-26.68%
EWU	iShares United Kingdom Index	Europe Stock	10	15.12%	18.78%	11.22%	-3.98%	4.49%	-16.00%
SIL	Global X Silver Miners	Commodity Producers	10	24.12%	12.09%	23.29%	-19.60%	2.21%	-44.97%
EZU	European Monetary Union Index	Europe Stock	10	19.11%	22.94%	16.40%	-16.57%	7.60%	-20.65%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	10	5.13%	17.15%	9.98%	8.98%	8.52%	-53.29%
UNG	U.S. Natural Gas Fund	Oil & Gas	10	9.27%	-12.46%	-24.19%	67.09%	-13.57%	-76.37%
EWG	iShares Germany Index	Europe Stock	10	20.95%	25.02%	17.45%	-21.96%	5.75%	-29.88%
EWQ	iShares France Index	Europe Stock	10	16.77%	21.88%	15.34%	-12.60%	7.95%	-16.00%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	9	14.28%	17.74%	11.82%	-7.26%	4.08%	-21.55%
IEV	S&P Europe 350 Index	Europe Stock	9	17.16%	20.50%	13.61%	-13.77%	5.77%	-15.89%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	9	6.52%	12.93%	6.84%	8.25%	5.17%	-2.02%
VGK	Vanguard European	Europe Equities	9	17.25%	20.77%	12.83%	-15.83%	4.75%	-18.64%
EWA	iShares Australia Index	Asia Pacific Equities	9	16.78%	15.98%	9.56%	-4.43%	3.74%	-13.33%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	8	7.40%	11.59%	5.40%	6.97%	4.48%	-2.91%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	8	11.01%	15.36%	12.01%	-7.86%	7.19%	-10.91%
HDV	iShares Core High Dividend	Large Cap Value Equiti	8	6.87%	12.26%	6.23%	7.09%	4.89%	-1.61%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	8	13.80%	17.38%	9.94%	-10.34%	3.13%	-15.68%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	8	12.69%	17.49%	13.28%	-13.44%	5.91%	-16.49%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	8	7.59%	14.47%	5.64%	4.19%	5.54%	-2.27%

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KIE	SPDR S&P Insurance	Specialty-Financial	8	5.29%	11.84%	8.52%	5.05%	8.26%	-54.80%
IYM	Dow Jones US Basic Mat's	Materials	8	14.21%	16.44%	8.18%	-5.54%	2.78%	-14.01%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	8	17.73%	18.80%	7.64%	-11.83%	-0.97%	-23.38%
XLI	Industrial Select Sector *	Industrial Equities	8	8.74%	17.20%	8.16%	-3.84%	8.24%	-5.01%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	8	17.64%	13.40%	7.65%	-7.16%	2.53%	-17.84%
EWD	iShares Sweden Index	Europe Stock	8	19.21%	22.40%	15.09%	-25.92%	3.86%	-30.51%
VYM	Vanguard High Div. Yield Index	Large Cap Value	8	7.65%	14.38%	7.40%	0.84%	6.21%	-1.70%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	8	16.02%	17.35%	11.30%	-13.87%	4.27%	-17.48%
VTI	Vanguard Value	Large Cap Value	7	7.50%	13.68%	6.65%	-0.73%	5.51%	-3.16%
ECH	iShares Chile Index	Latin America	7	8.62%	8.58%	-5.74%	17.28%	2.14%	-51.79%
DVY	iShares Select Dividend Index	Large Cap Value	7	7.89%	13.49%	2.97%	2.37%	3.22%	-5.02%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	7	10.94%	12.86%	5.88%	-2.11%	4.75%	-26.74%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	15.21%	16.59%	9.72%	-14.26%	3.17%	-18.06%
XLB	Materials Select Sector *	Materials	7	13.66%	16.33%	7.72%	-8.56%	4.67%	-8.56%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	7	8.64%	12.69%	9.05%	-4.29%	6.05%	-5.84%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	7	15.86%	17.14%	10.68%	-14.75%	3.83%	-18.63%
XLP	Consumer Staples Select *	Consumer Staples	7	8.21%	13.82%	4.89%	-0.35%	4.49%	-4.63%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	7	7.51%	12.85%	5.17%	3.69%	4.97%	-2.58%
SDY	SPDR Dividend ETF	Large Value	7	9.32%	13.71%	4.93%	1.68%	6.19%	-0.79%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	7	9.61%	14.37%	5.31%	0.22%	3.11%	-6.51%
SCHD	Schwab US Dividend Equity	All Cap Equities	7	9.59%	14.63%	7.70%	-2.19%	5.99%	-3.51%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	7	10.61%	14.04%	11.60%	-8.08%	5.95%	-10.35%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	7	8.03%	13.96%	5.13%	-0.70%	4.64%	-4.72%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	7	9.39%	12.98%	8.90%	-3.28%	10.99%	-15.26%
SCHF	Schwab International Equity	Foreign Large Cap Equ	7	15.24%	16.71%	10.36%	-12.86%	3.87%	-17.07%
RPV	Guggenheim S&P 500 Pure Value	Large Value	7	6.98%	12.42%	5.31%	2.24%	3.94%	-6.35%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	7	5.12%	13.08%	4.25%	5.85%	4.40%	-3.52%
EWK	iShares Belgium Index	Europe Stock	7	15.27%	18.92%	10.17%	-17.32%	1.40%	-23.91%
VAW	Vanguard Materials VIPERS	Materials	7	13.61%	15.93%	7.13%	-8.08%	4.30%	-9.28%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	7	10.26%	14.38%	5.30%	-3.48%	5.84%	-3.99%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	6	4.50%	6.55%	3.63%	8.51%	5.87%	-2.28%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	6	8.35%	12.16%	8.33%	-3.52%	5.90%	-29.17%
ACWX	iShares MSCI ACWI ex US	Global Equities	6	14.78%	14.11%	8.23%	-15.05%	2.24%	-20.14%
IYH	Dow Jones US Healthcare	Specialty-Health	6	7.57%	11.14%	7.49%	-3.21%	6.42%	-3.69%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	6	8.51%	12.83%	6.10%	-2.58%	5.89%	-6.06%
IVE	S&P 500/BARRA Value	Large Value	6	7.98%	13.24%	5.64%	-3.21%	4.74%	-4.69%
BBH	VanEck Vectors Biotech	Health & Biotech	6	8.45%	15.12%	11.33%	-10.50%	11.42%	-23.24%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	6	15.91%	20.12%	10.32%	-22.55%	-0.47%	-37.32%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	6	8.49%	12.81%	5.26%	-3.96%	5.12%	-38.57%
VIS	Vanguard Industrials	industrials Equities	6	8.49%	15.10%	7.07%	-6.04%	7.62%	-8.09%
PKW	PowerShares Buyback Achievers	All Cap Equities	6	8.35%	13.98%	7.86%	-7.09%	6.86%	-8.61%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	6	8.50%	12.41%	5.28%	-3.74%	4.24%	-5.81%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	6	7.62%	10.32%	7.28%	-2.85%	5.44%	-4.48%
EZA	iShares South Africa Index	Emerging Markets Equi	6	12.84%	11.79%	6.78%	-8.69%	-4.64%	-44.24%

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TBF	ProShares Short 20+Year Treasury	Inverse Bonds	6	-9.65%	-3.98%	1.51%	34.15%	4.93%	-13.05%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	17.68%	16.54%	10.61%	-20.35%	4.46%	-22.90%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	6	8.04%	13.70%	2.73%	0.60%	1.72%	-7.49%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	6	5.72%	9.02%	8.52%	-0.94%	6.11%	-3.79%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	6	9.47%	13.49%	5.30%	-5.97%	4.91%	-6.78%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	6	7.07%	12.27%	4.11%	2.14%	2.83%	-4.31%
DJP	Bloomberg Commodity Index	Commodities	6	3.21%	0.09%	0.75%	21.11%	-4.31%	-15.63%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	6	7.67%	15.10%	8.22%	-5.20%	6.35%	-6.38%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	6	7.23%	11.30%	7.78%	-1.04%	6.83%	-2.39%
IYJ	Dow Jones US Industrial	Industrial Equities	5	10.86%	14.45%	6.01%	-10.52%	5.90%	-47.72%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5	8.17%	12.10%	4.86%	-4.97%	3.74%	-7.02%
FXO	1st Trust Financials AlphaDEX	Financial Equities	5	8.16%	12.38%	4.98%	-5.23%	5.19%	-9.77%
DBC	PowerShares DB Commodity Index	Commodities	5	-1.36%	-1.40%	2.71%	22.04%	-4.08%	-16.93%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	6.86%	13.06%	6.37%	-7.55%	2.86%	-64.44%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	5	17.31%	20.15%	9.10%	-24.69%	-1.73%	-29.07%
EWL	iShares Switzerland Index	Europe Stock	5	14.38%	14.50%	7.20%	-17.50%	1.31%	-17.96%
EWM	iShares Malaysia Index	Emerging Markets Equi	5	13.27%	11.35%	3.42%	-8.27%	0.56%	-37.04%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	14.13%	10.68%	6.37%	-9.40%	4.00%	-31.25%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	7.56%	10.90%	-3.49%	4.93%	3.25%	-4.99%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	4.42%	9.47%	7.06%	-1.00%	6.47%	-5.51%
IYF	Dow Jones US Financial Sector	Specialty-Financial	5	7.83%	13.11%	5.23%	-7.83%	5.37%	-44.29%
GLD	SPDR Gold Shares	Precious Metals	5	10.56%	5.14%	5.57%	-1.82%	0.24%	-13.44%
GSG	iShares GSCI Commodity Index	Commodities.	5	-3.16%	-3.42%	0.99%	25.48%	-6.26%	-18.49%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	7.66%	10.03%	7.25%	-3.71%	4.80%	-6.36%
IAU	iShares Gold Trust	Precious Metals	5	10.56%	5.16%	5.65%	-1.67%	0.33%	-13.17%
IJS	S&P SmallCap 600/BARRA Value	Small Value	5	6.92%	12.58%	6.77%	-6.58%	3.29%	-43.66%
IWD	Russell 1000 Value	Large Value	5	8.45%	11.93%	4.27%	-5.34%	3.70%	-6.77%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	14.39%	13.87%	7.68%	-15.42%	2.02%	-20.56%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	5	0.56%	0.75%	2.45%	16.22%	-3.05%	-14.81%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	5	14.43%	13.81%	7.19%	-14.87%	1.88%	-20.08%
VBR	Vanguard SmallCap Value	Small Cap Value	5	8.27%	11.80%	4.95%	-5.46%	4.38%	-8.96%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	5	14.08%	12.66%	7.41%	-14.11%	1.69%	-21.78%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	5	8.11%	12.65%	3.03%	-5.15%	3.33%	-6.91%
XLF	Financial Select Sector *	Financial Equities	5	8.41%	14.10%	6.02%	-7.55%	5.52%	-12.84%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	5	7.34%	13.12%	4.34%	-4.99%	4.63%	-5.12%
SMH	VanEch Vectors Semiconductor	Technology Equities	5	24.11%	13.18%	7.27%	-26.49%	1.47%	-28.29%
VXUS	Vanguard Total International Stock	Global Equities	5	14.23%	13.68%	6.81%	-15.40%	1.51%	-20.33%
VHT	Vanguard Health Care	Health & Biotech Equiti	5	7.20%	10.34%	6.37%	-4.20%	6.04%	-4.59%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	10.02%	13.19%	5.35%	-7.59%	5.40%	-7.84%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	5	8.55%	13.15%	5.34%	-5.65%	4.60%	-6.89%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	4	12.81%	16.67%	3.06%	-15.93%	-0.96%	-34.14%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	4	7.25%	11.89%	1.23%	-4.95%	2.88%	-6.04%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	14.85%	15.22%	7.75%	-21.08%	0.50%	-27.06%
EWC	iShares Canada Index	Foreign Large Cap Equ	4	9.49%	11.42%	4.02%	-7.86%	0.07%	-12.91%

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IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	4	6.90%	10.09%	4.73%	-5.14%	1.74%	-6.17%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	4	14.48%	14.92%	6.67%	-19.47%	0.27%	-25.23%
EWH	iShares Hong Kong Index	China Equities	4	20.64%	6.62%	2.01%	-12.55%	-2.09%	-27.83%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	4	7.14%	12.18%	8.02%	-10.13%	11.21%	-59.76%
EWJ	iShares Japan Index	Japan Stock	4	12.59%	11.65%	7.85%	-16.10%	2.08%	-24.20%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	8.82%	10.80%	4.68%	-9.28%	4.66%	-11.56%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	4	5.84%	8.68%	2.55%	-2.30%	5.67%	-13.90%
ILF	iShares S&P 40 Latin America	Latin America Stock	4	-1.03%	0.19%	4.94%	10.49%	1.02%	-34.38%
IJH	S&P MidCap 400	Mid-Cap Blend	4	8.87%	10.88%	4.56%	-9.31%	4.61%	-11.64%
JXI	iShares S&P Global Utilities	Utilities Equities	4	9.52%	12.98%	-3.17%	-4.73%	0.42%	-8.67%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	4	6.36%	10.04%	3.37%	-1.94%	4.14%	-57.13%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	4	21.85%	12.88%	4.21%	-23.81%	-2.38%	-25.11%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	4	12.31%	13.09%	6.27%	-16.44%	5.07%	-20.94%
FXB	CurrencyShares British Pound	Currency	4	9.51%	9.73%	6.42%	-9.60%	0.84%	-19.15%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	8.87%	11.10%	3.45%	-6.85%	4.04%	-7.01%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	4	8.23%	13.14%	4.86%	-10.87%	2.00%	-15.10%
MOO	VanEck Vectors Agribusiness	Commodity Producers	4	7.07%	9.61%	2.42%	-3.22%	-0.47%	-14.75%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	8.33%	11.72%	4.57%	-8.17%	4.32%	-8.85%
VFH	Vanguard Financials	Financials Equities	4	7.56%	12.91%	5.29%	-8.92%	4.94%	-13.55%
RSP	Guggenheim S&P Equal Weight	Large Blend	4	9.74%	11.79%	3.67%	-8.43%	3.71%	-9.24%
INDA	iShares MSCI India	Emerging Markets Equi	3	4.88%	7.67%	1.00%	-3.51%	4.68%	-12.90%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	3	17.51%	9.68%	2.40%	-19.42%	-1.06%	-34.72%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	3	12.61%	13.43%	1.48%	-15.25%	-4.09%	-23.21%
VT	Vanguard Total World Stock Index	Global Equities	3	11.50%	10.74%	3.75%	-15.23%	1.35%	-16.63%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	3	8.75%	9.07%	6.33%	-11.17%	2.52%	-12.49%
IWS	Russell MidCap Value	Mid-Cap Value	3	9.08%	11.05%	2.52%	-8.74%	2.48%	-9.63%
ACWI	iShares MSCI ACWI	Global Equities	3	11.64%	10.75%	4.25%	-15.11%	1.58%	-16.25%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	3	10.46%	10.82%	5.28%	-12.65%	3.30%	-13.48%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	3.62%	5.16%	2.98%	1.25%	4.93%	-2.51%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	3	3.31%	4.80%	2.43%	0.88%	4.45%	-4.19%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	3	8.56%	9.41%	3.34%	-8.76%	1.94%	-8.76%
PIN	PowerShares India Portfolio	Emerging Markets Equi	3	5.48%	8.45%	1.57%	-3.51%	5.53%	-51.11%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	13.08%	12.94%	4.85%	-19.39%	-0.11%	-23.96%
IJR	S&P Sm.Cap 600	Small Blend	3	7.69%	10.91%	5.78%	-11.17%	3.07%	-15.46%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	3	8.59%	13.83%	4.30%	-12.77%	4.33%	-17.26%
FXE	CurrencyShares Euro Currency Trust	Currency	3	7.92%	7.38%	5.15%	-8.19%	1.36%	-19.40%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	3	7.45%	9.49%	4.31%	-11.01%	3.80%	-13.75%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	2	9.59%	9.17%	2.10%	-14.75%	1.59%	-15.17%
VO	Vanguard Mid-Cap	Mid-Cap Blend	2	9.37%	9.99%	1.87%	-14.72%	2.33%	-16.82%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	2	8.69%	9.13%	4.83%	-15.97%	2.83%	-44.21%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	2	9.08%	8.76%	3.73%	-14.51%	4.04%	-71.64%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	2	11.84%	11.20%	3.03%	-16.73%	1.80%	-17.15%
FXY	CurrencyShares Japanese Yen Trust	Currency	2	9.49%	7.19%	6.24%	-15.34%	-1.26%	-28.65%
VPU	Vanguard Utilities VIPERS	Utilities Equities	2	7.03%	9.85%	-6.89%	-0.53%	0.23%	-8.17%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SPY	SPDR S&P 500	Large Cap Blend	2	9.80%	9.16%	1.75%	-14.23%	1.24%	-14.72%
IDU	Dow Jones US Utilities	Utilities Equities	2	7.13%	9.30%	-6.91%	-0.28%	0.78%	-50.20%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	2	22.51%	11.13%	5.03%	-28.96%	-0.69%	-30.67%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	2	9.89%	9.21%	1.76%	-14.21%	1.22%	-14.73%
IYT	Dow Jones Transportation	Transportation Equities	2	11.83%	12.80%	0.52%	-15.94%	1.33%	-16.99%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	2	9.47%	9.94%	2.51%	-13.40%	2.75%	-67.92%
PSQ	ProShares Short QQQ	Inverse Equities	2	-11.84%	-5.90%	0.45%	23.73%	-0.27%	-75.91%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	13.88%	8.50%	1.43%	-14.57%	-2.79%	-26.39%
IWN	Russell 2000 Value	Small Value	2	6.04%	10.15%	3.15%	-10.37%	1.32%	-15.86%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	2	9.06%	9.45%	2.13%	-13.04%	2.61%	-16.13%
XLU	Utilities Select Sector *	Utilities Equities	2	7.03%	9.61%	-7.40%	-0.29%	0.05%	-8.64%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	2	11.13%	9.33%	4.74%	-18.78%	-1.24%	-27.00%
ITB	iShares DJ US Home Construction	Building and Constructi	2	16.48%	9.65%	9.15%	-25.59%	6.65%	-25.70%
IVV	S&P 500	Large Blend	2	9.82%	9.17%	1.69%	-14.22%	1.20%	-14.73%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	2	4.84%	10.67%	6.91%	-16.40%	4.41%	-21.54%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	14.87%	12.69%	4.47%	-25.54%	1.40%	-36.61%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	1	12.80%	8.12%	2.32%	-19.03%	-1.60%	-30.22%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	1	12.65%	6.79%	1.31%	-16.14%	-1.15%	-28.27%
VB	Vanguard SmallCap	Small Cap Blend	1	7.98%	8.63%	2.30%	-13.20%	2.45%	-18.05%
KBE	SPDR S&P Bank	Specialty-Financial	1	4.57%	5.47%	2.03%	-9.86%	2.10%	-18.59%
IWV	Russell 3000 Index	All Cap Equities	1	9.45%	8.69%	1.52%	-15.15%	1.05%	-15.64%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	10.94%	9.38%	2.56%	-19.49%	0.52%	-25.57%
XLK	Technology Select *	Technology Equities	1	14.59%	8.10%	1.20%	-21.69%	-0.55%	-22.93%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	1	1.72%	4.52%	0.38%	-4.50%	2.81%	-6.30%
EWZ	iShares Brazil Index	Latin America Stock	1	-5.54%	-4.99%	2.36%	11.22%	-1.88%	-35.51%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	1	13.42%	8.18%	2.50%	-19.37%	-1.59%	-32.04%
IWB	Russell 1000 Index	Large Blend	1	9.73%	8.78%	1.49%	-15.10%	1.04%	-15.64%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	10.15%	8.77%	2.12%	-18.68%	0.50%	-24.16%
VTI	Total Stock Market VIPERs	All Cap Equities	1	9.46%	8.74%	1.53%	-15.43%	1.05%	-15.96%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	1	9.47%	8.74%	1.47%	-15.42%	0.98%	-15.93%
VV	Vanguard LargeCap	Large Cap Blend	1	9.71%	8.78%	1.45%	-15.89%	0.86%	-16.17%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	1	11.22%	7.88%	1.88%	-18.54%	0.90%	-85.56%
MCHI	iShares MSCI China	China Equities	0	22.91%	5.31%	-1.71%	-25.73%	-4.41%	-52.03%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	0	3.23%	4.00%	0.23%	-6.50%	1.49%	-22.96%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	12.09%	6.68%	-0.15%	-18.28%	-2.31%	-28.45%
MUB	iShares S&P National Muni Bond	National Munis	0	4.67%	2.92%	1.25%	-8.50%	0.03%	-9.78%
FXI	iShares China 25 Index	China Equities	0	25.18%	2.70%	-3.21%	-24.17%	-6.08%	-49.07%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.16%	-0.04%	-0.40%	-1.12%	-0.28%	-1.82%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	0	11.98%	9.62%	-1.18%	-22.06%	-6.25%	-35.45%
KRE	SPDR S&P Region.Banking	Specialty-Financial	0	3.49%	3.76%	1.26%	-9.57%	1.15%	-18.67%
RWX	SPDR DJ Wil Intern. RE	Real Estate	0	11.56%	11.93%	-0.70%	-24.07%	-7.04%	-37.30%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.12%	0.05%	-0.10%	-0.70%	-0.12%	-1.39%
IWP	Russell MidCap Growth	Mid-Cap Growth	0	10.04%	7.89%	2.43%	-21.99%	3.21%	-27.09%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	0	0.40%	-1.14%	-1.82%	0.86%	-4.89%	-13.24%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	3.04%	2.84%	0.51%	-8.08%	-0.44%	-13.30%
IWM	Russell 2000	Small Blend	0	6.05%	7.62%	1.77%	-15.95%	1.47%	-22.92%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	3.81%	3.69%	0.93%	-10.25%	0.07%	-11.39%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	0	14.82%	7.06%	3.39%	-26.49%	3.77%	-26.90%
PZA	Pshares Insured National Munis	National Munis	0	7.30%	3.82%	1.74%	-13.76%	-0.68%	-15.04%
VGT	Vanguard Info Technology	Technolgy Equities	-1	13.90%	7.00%	0.58%	-23.79%	-1.32%	-25.09%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	1.03%	0.42%	-0.82%	-4.70%	-1.13%	-7.01%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	11.71%	7.25%	0.91%	-24.91%	-2.97%	-29.65%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-1	10.79%	7.59%	0.70%	-21.90%	2.26%	-25.48%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	3.64%	2.18%	-0.87%	-10.55%	-1.95%	-16.08%
XRT	SPDR S&P Retail *	Consumer Discretionar	-1	8.93%	11.32%	3.30%	-26.49%	0.35%	-36.28%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	2.51%	1.52%	-0.51%	-7.03%	-0.95%	-9.25%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	2.06%	1.07%	-0.76%	-7.01%	-1.15%	-8.93%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	1.21%	1.11%	0.00%	-5.34%	-0.51%	-10.67%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	2.87%	1.90%	-0.64%	-8.90%	-1.48%	-12.44%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	11.99%	10.76%	-2.00%	-25.93%	-8.47%	-33.43%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	1.04%	0.37%	-0.88%	-4.80%	-1.22%	-6.19%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	3.26%	1.99%	-0.77%	-9.51%	-1.69%	-13.18%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-1	3.13%	2.66%	0.12%	-8.88%	-0.74%	-12.08%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	1.04%	0.42%	-0.88%	-4.84%	-1.21%	-6.46%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-1	2.93%	2.66%	-0.03%	-8.14%	-0.49%	-10.68%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-1	6.32%	8.04%	-1.79%	-18.43%	-1.70%	-26.94%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	4.45%	3.57%	0.15%	-13.09%	-1.23%	-15.01%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-1	6.22%	6.50%	2.86%	-18.83%	3.37%	-23.99%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	7.77%	5.13%	0.58%	-17.93%	-1.88%	-21.84%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-1	10.75%	7.19%	0.57%	-23.87%	1.13%	-27.07%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	1.90%	1.12%	-0.67%	-6.42%	-1.14%	-9.20%
BNDX	Vanguard Total International Bond	Total Bond Market	-1	3.29%	3.14%	1.00%	-10.68%	-1.33%	-16.80%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	5.90%	3.91%	0.08%	-14.68%	-1.70%	-18.56%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-2	1.43%	1.24%	-2.41%	-6.32%	-3.24%	-8.81%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-2	4.92%	3.13%	-0.65%	-13.42%	-2.12%	-19.61%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-2	12.02%	4.99%	-2.36%	-24.01%	-2.50%	-25.05%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-2	4.75%	2.66%	-0.89%	-13.63%	-2.43%	-18.19%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-2	7.53%	6.28%	0.24%	-21.75%	-0.32%	-28.46%
SPYG	S&P 500 Growth	Large Cap Growth	-2	12.00%	4.98%	-2.36%	-24.01%	-2.50%	-25.05%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-2	4.80%	2.70%	-0.91%	-13.32%	-2.39%	-17.35%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-2	4.21%	3.69%	-1.51%	-15.35%	-4.99%	-16.42%
IVW	S&P 500/BARRA Growth	Large Growth	-2	12.04%	4.97%	-2.43%	-24.03%	-2.52%	-25.06%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	3.64%	2.14%	-0.99%	-10.81%	-2.12%	-15.08%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-2	11.87%	5.20%	-2.17%	-23.50%	-2.14%	-24.49%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	4.79%	2.85%	-0.83%	-13.60%	-2.39%	-18.18%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-2	-9.04%	-8.65%	-2.71%	10.87%	-3.08%	-63.75%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	5.19%	2.92%	-1.20%	-14.37%	-2.88%	-19.97%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-2	4.23%	3.33%	-0.43%	-14.76%	-2.16%	-71.51%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IWF	Russell 1000 Growth	Large Growth	-2	10.96%	5.67%	-1.27%	-23.79%	-1.65%	-24.76%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-2	9.63%	11.25%	-4.59%	-24.27%	-7.17%	-24.30%
UUP	PowerShares DB US Dollar Bullish	Currency	-2	-7.04%	-6.36%	-3.88%	10.26%	-0.09%	-7.86%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	3.86%	1.85%	-1.11%	-13.27%	-2.53%	-18.23%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-2	11.55%	6.62%	-3.30%	-24.43%	-7.02%	-28.27%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	-2	6.19%	9.33%	2.80%	-25.95%	0.75%	-33.85%
RWM	ProShares Short Russell2000	Inverse Equities	-2	-5.83%	-7.71%	-3.35%	10.64%	-4.22%	-63.41%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-2	8.02%	2.20%	0.07%	-18.44%	-2.00%	-21.40%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-3	12.76%	4.99%	-2.26%	-26.17%	-3.30%	-27.30%
IWO	Russell 2000 Growth	Small Growth	-3	5.61%	5.08%	0.34%	-21.70%	1.56%	-31.84%
HDGE	Ranger Equity Bear	Inverse Equities	-3	-10.25%	-7.12%	-4.10%	8.96%	-4.56%	-76.07%
IYR	Dow Jones US Real Estate	Real Estate	-3	9.25%	10.61%	-7.61%	-23.32%	-6.39%	-23.32%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-3	4.82%	2.40%	-1.81%	-16.16%	-3.65%	-18.95%
IYW	Dow Jones US Technology	Technology Equities	-3	15.55%	4.64%	-1.71%	-28.83%	-4.67%	-30.21%
BLV	Vanguard Long Term Bond	Long-Term Bond	-3	10.65%	5.47%	-0.63%	-26.03%	-4.65%	-35.23%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-3	4.80%	2.04%	-1.43%	-19.23%	-1.96%	-27.32%
VNQ	Vanguard REIT Index	Real Estate	-3	9.10%	10.76%	-7.27%	-24.24%	-7.06%	-24.24%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-3	7.10%	1.74%	-2.07%	-18.46%	-3.65%	-20.18%
RWR	Wilshire REIT Fund	Real Estate	-3	8.53%	11.22%	-6.38%	-24.15%	-7.31%	-24.15%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-3	8.30%	1.26%	-1.56%	-19.93%	-3.57%	-22.37%
ICF	Cohen & Steers Realty	Real Estate	-3	9.02%	10.04%	-8.39%	-23.92%	-7.33%	-54.05%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-3	4.02%	1.67%	-2.68%	-15.94%	-3.68%	-17.69%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-3	7.45%	4.24%	-1.48%	-23.59%	-0.37%	-29.59%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-3	3.93%	1.32%	-2.23%	-14.01%	-3.66%	-19.15%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-3	8.96%	4.24%	-1.56%	-23.85%	-5.27%	-34.42%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-3	3.45%	0.94%	-1.53%	-13.27%	-2.32%	-15.07%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-3	3.75%	2.93%	-2.61%	-15.09%	-5.35%	-16.42%
TLT	iShares 20+ Treas. Bd	Government Bonds	-4	10.36%	3.71%	-2.14%	-28.63%	-6.95%	-38.36%
VUG	Vanguard Growth	Large Cap Growth	-4	12.16%	4.20%	-3.36%	-27.14%	-3.47%	-28.21%
IYZ	Down Jones US Telecom	Commun. Equities	-4	7.64%	8.43%	-2.91%	-28.11%	-7.49%	-35.25%
BAB	PowerShares Build America Bond Portfolio	National Munis	-4	6.03%	2.02%	-1.65%	-20.45%	-4.37%	-24.31%
IYC	iShares US Consumer Services	Consumer Discretionar	-4	8.07%	4.65%	-3.48%	-24.76%	-1.52%	-77.18%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-4	12.43%	3.69%	-3.91%	-27.40%	-4.13%	-28.38%
IGV	iShares North American Tech-Software	Technology Equities	-5	11.90%	2.85%	-2.75%	-30.87%	-4.30%	-38.43%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-5	14.40%	5.34%	-2.49%	-35.60%	-8.95%	-49.45%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-5	14.72%	4.53%	-3.20%	-37.00%	-10.11%	-49.51%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-5	10.86%	0.39%	-5.02%	-27.91%	-7.46%	-39.27%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-6	8.09%	5.12%	-12.44%	-25.45%	-11.16%	-26.16%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-6	8.21%	1.62%	-7.23%	-27.64%	-4.66%	-30.69%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-6	17.48%	19.41%	-16.15%	-44.43%	-15.80%	-44.43%
VOX	Vanguard Telecom Serv's	Communication Equitie	-6	12.54%	3.54%	-4.59%	-34.18%	-9.19%	-40.77%
DOG	ProShares Short Dow 30	Bear Market	-7	-7.14%	-13.26%	-8.15%	1.42%	-7.21%	-64.09%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-7	3.05%	0.51%	-4.95%	-25.79%	2.65%	-52.24%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-8	-14.07%	-14.89%	-10.80%	9.62%	-6.28%	-45.39%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	-8	7.18%	0.34%	-9.46%	-28.51%	-6.17% -30.87%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-9	9.51%	8.76%	1.53%	-57.69%	-1.70% -57.95%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-9	9.73%	8.74%	1.43%	-57.70%	-1.83% -57.97%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-10	7.21%	8.58%	2.46%	-57.72%	-0.80% -60.70%
SCHH	Schwab U.S. REIT	Real Estate	-12	8.76%	10.65%	-7.24%	-61.34%	-9.36% -61.34%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-13	11.12%	3.76%	-3.08%	-62.89%	-6.07% -63.57%
RSX	Market Vectors Russia	Emerging Markets Equi	-20	0.00%	0.00%	0.00%	-78.81%	0.00% -83.05%