

HV ETF Master List as of 10/14/2021

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	51	6.17%	45.04%	40.57%	113.15%	59.63%	-77.80%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	41	20.10%	37.96%	26.68%	79.18%	26.02%	-18.02%
FXN	1st Trust Energy AlphaDEX	Energy Equities	33	16.39%	32.95%	23.04%	60.48%	22.06%	-30.09%
VDE	Vanguard Energy VIPERS	Energy Equities	29	14.78%	26.48%	17.64%	55.57%	15.97%	-25.93%
IYE	Dow Jones US Energy	Specialty-Natural Res.	27	14.58%	24.79%	17.23%	52.96%	15.76%	-28.71%
XLE	Energy Select Sector *	Energy Equities	27	14.81%	24.59%	17.15%	50.53%	14.59%	-27.70%
IXC	S&P Global Energy	Energy Equities	26	14.94%	24.89%	19.37%	43.53%	16.10%	-26.00%
DBC	PowerShares DB Commodity Index	Commodities	21	9.25%	17.29%	12.86%	46.26%	18.61%	0.00%
GSG	iShares GSCI Commodity Index	Commodities.	20	8.40%	17.33%	11.31%	44.44%	17.36%	-4.86%
IGE	iShares North American Natural Resources	Commodity Producers	20	10.82%	18.77%	13.10%	37.18%	11.79%	-16.01%
DJP	Bloomberg Commodity Index	Commodities	18	6.76%	15.89%	10.55%	39.18%	17.18%	0.00%
KRE	SPDR S&P Region.Banking	Specialty-Financial	18	10.57%	11.73%	14.75%	35.71%	7.22%	-1.16%
RSX	Market Vectors Russia	Emerging Markets Equi	17	6.96%	13.43%	14.47%	34.29%	17.53%	0.00%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	16	6.34%	8.69%	11.71%	38.09%	9.65%	-0.87%
KBE	SPDR S&P Bank	Specialty-Financial	16	9.29%	10.10%	13.70%	31.95%	7.23%	-0.50%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	15	-1.37%	1.99%	3.93%	57.35%	17.79%	-6.67%
FXO	1st Trust Financials AlphaDEX	Financial Equities	14	4.14%	5.65%	9.08%	35.91%	8.68%	0.00%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	14	5.67%	9.23%	9.13%	31.04%	11.90%	0.00%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	13	2.22%	10.93%	14.59%	26.06%	14.41%	0.00%
PIN	PowerShares India Portfolio	Emerging Markets Equi	12	-0.03%	8.82%	12.50%	26.02%	13.74%	-44.59%
VFH	Vanguard Financials	Financials Equities	12	3.45%	4.74%	8.28%	32.35%	9.05%	0.00%
INDA	iShares MSCI India	Emerging Markets Equi	12	0.94%	10.11%	13.43%	25.34%	14.08%	0.00%
XLF	Financial Select Sector *	Financial Equities	12	3.13%	3.92%	7.54%	32.06%	8.85%	-0.23%
IWN	Russell 2000 Value	Small Value	11	3.54%	7.08%	5.76%	26.09%	3.74%	-4.51%
IJS	S&P SmallCap 600/BARRA Value	Small Value	11	4.75%	6.25%	5.33%	28.04%	3.22%	-39.91%
RPV	Guggenheim S&P 500 Pure Value	Large Value	11	3.49%	4.93%	6.26%	28.44%	5.08%	-3.74%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	11	5.62%	9.91%	6.11%	20.65%	5.33%	-2.89%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	11	5.47%	9.93%	6.53%	22.35%	5.77%	-2.84%
XME	SPDR S&P Metals & Mining	Commodity Producers	11	1.61%	6.16%	5.60%	32.00%	6.58%	-7.58%
IYF	Dow Jones US Financial Sector	Specialty-Financial	10	3.13%	3.81%	5.83%	28.91%	9.00%	-39.99%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	10	3.03%	4.12%	5.34%	29.44%	8.01%	-0.51%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	10	1.15%	2.72%	2.05%	33.46%	12.26%	-2.11%
EWC	iShares Canada Index	Foreign Large Cap Equ	10	3.95%	6.90%	5.45%	25.52%	8.34%	0.00%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	10	3.12%	4.41%	5.18%	25.95%	4.81%	-1.70%
KIE	SPDR S&P Insurance	Specialty-Financial	9	5.29%	3.99%	7.21%	20.40%	7.01%	-56.91%
IJR	S&P Sm.Cap 600	Small Blend	9	2.79%	5.15%	4.66%	22.45%	2.76%	-3.24%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	2.53%	3.88%	4.53%	24.51%	4.05%	-37.90%
VBR	Vanguard SmallCap Value	Small Cap Value	9	3.00%	5.61%	5.08%	23.95%	4.53%	-2.48%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	9	2.56%	2.71%	7.66%	23.00%	9.70%	-3.54%
RWR	Wilshire REIT Fund	Real Estate	9	1.16%	2.23%	2.46%	29.00%	9.79%	-2.22%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	9	3.08%	4.37%	5.26%	24.22%	5.21%	-57.39%

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PKW	PowerShares Buyback Achievers	All Cap Equities	9	1.35%	1.82%	4.29%	27.71%	7.04%	-2.05%
XRT	SPDR S&P Retail *	Consumer Discretionar	9	-2.65%	-1.10%	-3.69%	42.65%	1.04%	-6.55%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	8	1.45%	2.98%	4.65%	22.13%	5.17%	-0.91%
DVY	iShares Select Dividend Index	Large Cap Value	8	1.42%	1.87%	4.13%	23.54%	3.67%	-3.45%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	8	-1.95%	-0.31%	2.79%	29.74%	4.29%	-5.79%
IWS	Russell MidCap Value	Mid-Cap Value	8	1.55%	3.09%	3.73%	21.78%	5.11%	-0.81%
IWM	Russell 2000	Small Blend	7	1.66%	6.57%	3.36%	15.20%	1.41%	-3.65%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7	0.47%	3.22%	4.12%	19.39%	6.46%	-1.18%
IJH	S&P MidCap 400	Mid-Cap Blend	7	1.51%	3.69%	3.58%	19.12%	3.48%	-1.18%
IGV	iShares North American Tech-Software	Technology Equities	7	0.66%	4.59%	5.05%	19.36%	11.64%	-1.29%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	7	0.54%	3.24%	3.45%	18.89%	5.57%	-63.63%
IYM	Dow Jones US Basic Mat's	Materials	7	2.80%	2.89%	3.82%	17.34%	3.74%	-5.78%
IYR	Dow Jones US Real Estate	Real Estate	7	-0.58%	0.69%	1.79%	25.15%	8.58%	-3.67%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	7	0.85%	1.96%	2.73%	23.10%	4.92%	-0.98%
SCHH	Schwab U.S. REIT	Real Estate	7	-0.91%	0.17%	1.01%	25.84%	8.20%	-4.13%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	1.61%	3.78%	3.68%	19.18%	3.58%	-1.10%
IYW	Dow Jones US Technology	Technology Equities	7	-2.16%	1.86%	2.93%	23.90%	9.81%	-3.18%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	7	1.06%	1.90%	2.81%	22.94%	4.97%	-0.82%
VNQ	Vanguard REIT Index	Real Estate	7	-0.84%	0.38%	1.41%	25.35%	8.00%	-4.02%
EZA	iShares South Africa Index	Emerging Markets Equi	7	5.28%	7.28%	2.89%	11.95%	0.70%	-35.40%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	3.34%	2.64%	3.54%	19.85%	1.94%	-62.68%
RSP	Guggenheim S&P Equal Weight	Large Blend	7	0.49%	1.90%	3.12%	21.66%	5.72%	-1.41%
VB	Vanguard SmallCap	Small Cap Blend	7	1.33%	5.52%	3.74%	16.59%	3.42%	-1.06%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	1.24%	5.90%	3.41%	16.09%	2.03%	-2.36%
MOO	VanEck Vectors Agribusiness	Commodity Producers	7	0.90%	3.93%	3.26%	20.46%	4.34%	-1.02%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	7	3.15%	2.23%	3.26%	18.58%	2.41%	-4.72%
IWD	Russell 1000 Value	Large Value	6	0.76%	0.99%	2.30%	18.27%	4.05%	-1.44%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	6	-3.05%	1.39%	3.89%	20.93%	9.86%	-4.28%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	6	1.65%	2.24%	2.76%	18.62%	2.40%	-4.87%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	6	4.74%	4.08%	0.66%	13.38%	2.79%	-55.22%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	6	0.86%	3.98%	3.37%	16.94%	3.96%	-1.51%
SCHD	Schwab US Dividend Equity	All Cap Equities	6	0.82%	0.21%	1.91%	19.52%	3.75%	-1.88%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	6	1.07%	5.18%	2.65%	15.21%	3.48%	-1.31%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	6	0.76%	5.81%	2.48%	15.79%	6.46%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	6	-1.16%	-1.74%	1.70%	24.70%	1.81%	-9.74%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	6	-3.36%	6.00%	4.43%	15.66%	3.84%	-3.45%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	6	4.39%	10.02%	11.32%	-1.93%	6.49%	-20.60%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6	-0.35%	1.26%	2.87%	20.26%	5.51%	-2.00%
EWN	iShares Netherlands Index	Europe Stock	6	-5.08%	0.79%	3.97%	22.93%	5.38%	-5.50%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	6	0.63%	3.86%	3.61%	16.72%	2.22%	-36.26%
VAW	Vanguard Materials VIPERS	Materials	6	1.06%	1.00%	3.34%	16.63%	3.02%	-5.86%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	6	-0.28%	3.54%	3.69%	16.51%	7.69%	-1.58%
ICF	Cohen & Steers Realty	Real Estate	6	-1.95%	-1.32%	0.27%	26.30%	8.45%	-45.98%
EWU	iShares United Kingdom Index	Europe Stock	6	1.73%	2.83%	4.07%	14.27%	3.48%	-11.64%

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EWQ	iShares France Index	Europe Stock	5	0.00%	1.93%	3.10%	15.81%	4.30%	-2.63%
VTV	Vanguard Value	Large Cap Value	5	0.68%	0.10%	1.74%	17.62%	3.81%	-1.80%
VTI	Total Stock Market VIPERs	All Cap Equities	5	-0.66%	1.46%	1.85%	17.84%	5.57%	-2.13%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	-0.52%	2.44%	1.39%	17.22%	3.48%	-2.10%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	5	-2.58%	0.99%	1.00%	18.60%	7.71%	-3.49%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	5	-0.32%	4.28%	4.99%	12.76%	5.94%	-0.82%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	5	-2.44%	3.55%	0.71%	17.62%	0.06%	-7.02%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	-0.23%	-0.20%	2.22%	17.01%	4.65%	-1.85%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	5	1.97%	0.47%	1.06%	18.46%	5.89%	-16.72%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	2.92%	3.68%	3.23%	11.45%	3.42%	-15.08%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	-1.17%	3.49%	2.73%	13.46%	6.38%	-2.51%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	-0.73%	1.32%	1.78%	17.86%	5.52%	-2.25%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	-2.22%	0.63%	1.28%	19.11%	7.67%	-3.48%
IYC	iShares US Consumer Services	Consumer Discretionar	5	0.18%	3.12%	1.67%	13.12%	4.31%	-71.21%
IVV	S&P 500	Large Blend	5	-1.07%	0.56%	1.56%	18.35%	5.96%	-2.42%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	-1.06%	0.58%	1.59%	18.35%	5.92%	-2.39%
IVW	S&P 500/BARRA Growth	Large Growth	5	-2.43%	0.42%	1.22%	19.40%	7.96%	-3.54%
IYT	Dow Jones Transportation	Transportation Equities	5	3.24%	2.43%	-0.17%	16.41%	1.42%	-7.88%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	0.23%	3.45%	2.41%	13.68%	2.78%	-68.06%
VYM	Vanguard High Div. Yield Index	Large Cap Value	5	0.96%	0.40%	2.30%	16.45%	3.47%	-1.66%
XLB	Materials Select Sector *	Materials	5	1.04%	0.73%	3.38%	15.90%	3.24%	-5.39%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	5	-0.75%	0.00%	2.41%	18.47%	4.90%	-1.96%
IWV	Russell 3000 Index	All Cap Equities	5	-0.71%	1.43%	1.74%	17.75%	5.54%	-2.14%
VV	Vanguard LargeCap	Large Cap Blend	5	-0.95%	0.84%	1.62%	18.07%	6.03%	-2.26%
VUG	Vanguard Growth	Large Cap Growth	5	-2.23%	1.33%	1.45%	18.17%	7.69%	-3.11%
XLK	Technology Select *	Technology Equities	5	-2.07%	0.59%	1.09%	18.96%	7.93%	-3.15%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	5	-1.30%	0.83%	0.45%	19.32%	1.97%	-3.47%
IWB	Russell 1000 Index	Large Blend	5	-0.91%	1.04%	1.60%	17.83%	5.78%	-2.27%
SPY	SPDR S&P 500	Large Cap Blend	5	-1.04%	0.60%	1.62%	18.35%	5.97%	-2.36%
IVE	S&P 500/BARRA Value	Large Value	5	0.46%	0.68%	1.90%	17.05%	3.70%	-1.41%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	5	-1.99%	1.60%	1.41%	19.17%	8.19%	-3.08%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	-0.88%	0.92%	1.64%	18.15%	5.94%	-2.19%
VGT	Vanguard Info Technology	Technolgy Equities	5	-1.80%	1.42%	1.52%	17.85%	7.77%	-2.89%
SPYG	S&P 500 Growth	Large Cap Growth	5	-2.38%	0.49%	1.29%	19.44%	7.98%	-3.52%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	5	0.09%	0.32%	1.78%	17.02%	3.89%	-1.96%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	5	-0.20%	0.51%	0.26%	19.00%	0.90%	-4.87%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	5	-0.89%	3.72%	0.38%	15.87%	4.11%	-1.49%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	5	-0.37%	0.49%	0.51%	20.18%	6.32%	-3.31%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	-0.71%	1.40%	1.83%	17.90%	5.56%	-2.16%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	-2.40%	0.51%	1.27%	19.50%	7.96%	-3.56%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	5	4.75%	4.75%	2.70%	8.83%	-6.53%	-58.11%
IWF	Russell 1000 Growth	Large Growth	4	-2.36%	1.08%	0.97%	17.33%	7.45%	-3.33%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	-0.69%	5.39%	2.01%	7.93%	1.85%	-4.36%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	4	0.96%	0.24%	3.26%	11.58%	1.54%	-5.08%

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GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	4	-1.54%	-0.07%	1.06%	17.04%	5.74%	-3.01%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4	0.15%	-0.47%	1.57%	13.45%	1.78%	-4.47%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	4	-4.20%	6.20%	4.58%	11.29%	3.26%	-4.36%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	4	-2.14%	2.55%	2.16%	13.17%	3.32%	-3.33%
VOX	Vanguard Telecom Serv's	Communication Equitie	4	-3.42%	0.32%	-0.13%	18.74%	3.50%	-5.26%
SDY	SPDR Dividend ETF	Large Value	4	0.94%	-0.80%	0.60%	15.21%	1.77%	-4.26%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4	-0.64%	-0.68%	0.83%	18.48%	6.33%	-2.54%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	0.46%	-0.57%	0.88%	16.15%	1.39%	-5.34%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	4	-5.33%	1.98%	1.90%	18.99%	3.67%	-5.33%
SMH	VanEch Vectors Semiconductor	Technology Equities	4	-5.60%	2.01%	1.94%	19.22%	3.77%	-5.60%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	4	-1.35%	1.13%	2.34%	14.70%	3.80%	-1.72%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	-0.91%	1.72%	1.59%	13.12%	1.46%	-4.70%
VIS	Vanguard Industrials	industrials Equities	4	1.08%	0.73%	-0.24%	15.18%	2.33%	-3.06%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	4	-1.29%	0.97%	2.21%	14.19%	3.61%	-1.64%
PPLT	ETFS Physical Platinum Shares	Precious Metals	4	13.31%	9.08%	-2.86%	-1.63%	-4.94%	-17.03%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	4	-4.33%	6.11%	4.34%	9.65%	2.24%	-4.38%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	0.27%	-0.10%	0.25%	14.17%	3.53%	-2.09%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	4	-0.21%	-1.17%	1.19%	15.44%	4.14%	-2.56%
ACWI	iShares MSCI ACWI	Global Equities	4	-0.96%	1.35%	1.00%	13.30%	3.62%	-2.37%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	4	1.36%	0.29%	2.19%	13.45%	2.77%	-2.20%
EWD	iShares Sweden Index	Europe Stock	4	-2.33%	0.77%	-1.55%	17.81%	1.58%	-5.06%
EWI	iShares Italy Index	Europe Stock	4	0.49%	0.21%	3.53%	11.48%	2.73%	-4.79%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	4	-3.09%	0.73%	0.74%	16.86%	6.65%	-4.05%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	4	-1.74%	-1.37%	0.51%	17.29%	5.79%	-3.87%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	3	2.36%	2.36%	1.42%	4.31%	-3.13%	-32.68%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	3	0.35%	7.03%	5.45%	1.09%	-0.75%	-23.41%
IEV	S&P Europe 350 Index	Europe Stock	3	-1.32%	-0.44%	1.19%	12.23%	2.34%	-3.34%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	-0.21%	3.90%	1.80%	5.34%	1.51%	-5.41%
FEZ	SPDR Euro Stoxx 50	Europe Stock	3	-2.18%	-0.15%	0.82%	11.96%	1.40%	-5.35%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	-0.43%	-1.13%	0.75%	12.72%	4.32%	-2.48%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	3	-2.83%	-2.38%	0.53%	16.50%	3.53%	-4.23%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	3	-0.52%	-1.10%	0.83%	13.64%	2.19%	-2.75%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	-2.34%	1.89%	-0.01%	12.20%	2.21%	-3.75%
HDV	iShares Core High Dividend	Large Cap Value Equiti	3	0.34%	-0.17%	0.51%	10.15%	1.28%	-3.14%
XLI	Industrial Select Sector *	Industrial Equities	3	0.49%	-0.44%	-1.22%	15.09%	2.42%	-3.43%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	-0.88%	1.29%	1.49%	9.87%	0.56%	-12.94%
EWA	iShares Australia Index	Asia Pacific Equities	3	0.46%	3.01%	1.28%	8.73%	1.33%	-4.89%
EWM	iShares Malaysia Index	Emerging Markets Equi	3	3.20%	8.51%	6.99%	-7.05%	0.43%	-26.60%
EWW	iShares Mexico Index	Latin America Stock	3	-3.66%	0.29%	2.41%	13.89%	5.22%	-15.03%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	3	-0.67%	3.13%	-0.44%	8.92%	0.43%	-10.88%
VT	Vanguard Total World Stock Index	Global Equities	3	-1.38%	1.24%	0.76%	13.08%	3.19%	-2.75%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	3	-0.66%	-1.39%	0.77%	14.92%	3.35%	-3.32%
IYJ	Dow Jones US Industrial	Industrial Equities	3	-0.48%	-0.96%	-1.52%	13.98%	2.23%	-42.65%
IWO	Russell 2000 Growth	Small Growth	3	-0.21%	6.05%	1.07%	5.20%	-0.96%	-10.41%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VGK	Vanguard European	Europe Equities	2	-2.10%	-1.10%	0.64%	12.37%	2.11%	-4.12%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	2	-0.26%	0.70%	1.55%	6.86%	2.64%	-1.64%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	2	-3.15%	-2.44%	-1.16%	13.96%	0.90%	-7.00%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	-2.83%	0.33%	0.91%	9.19%	1.22%	-3.53%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	-1.18%	-1.86%	0.16%	11.36%	4.47%	-3.44%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	-2.76%	0.23%	0.83%	8.72%	1.14%	-3.42%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	-2.78%	0.39%	0.27%	9.00%	1.00%	-3.69%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	-1.44%	1.72%	-0.18%	6.79%	0.04%	-4.23%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-4.04%	0.51%	1.21%	10.27%	1.44%	-4.69%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	-0.76%	-2.21%	0.56%	11.58%	4.13%	-2.98%
EZU	European Monetary Union Index	Europe Stock	2	-2.26%	-0.74%	0.73%	12.07%	1.94%	-4.13%
UUP	PowerShares DB US Dollar Bullish	Currency	2	1.20%	0.32%	1.04%	4.08%	2.17%	-10.18%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	-2.40%	0.56%	0.51%	9.53%	1.23%	-3.43%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	-1.71%	1.73%	0.00%	7.89%	0.40%	-4.02%
IDU	Dow Jones US Utilities	Utilities Equities	1	-1.45%	-3.72%	1.96%	5.44%	1.78%	-53.79%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1	-4.44%	-0.75%	0.07%	7.15%	1.74%	-5.10%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	1	-2.14%	1.69%	0.93%	4.68%	3.22%	-3.50%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	-0.02%	0.30%	-1.90%	5.45%	-1.36%	-6.47%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	1	-1.75%	-2.43%	-1.01%	11.19%	0.84%	-3.65%
EWK	iShares Belgium Index	Europe Stock	1	-0.74%	-1.83%	-3.03%	9.28%	0.07%	-7.63%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	-0.91%	-1.91%	0.61%	5.96%	2.23%	-2.60%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	-0.68%	-3.92%	0.79%	7.86%	1.63%	-5.11%
EWP	iShares Spain Index	Europe Stock	1	1.13%	-0.85%	1.42%	2.96%	-1.20%	-23.18%
VEU	Vanguard FTSE All-World ex-US	Global Equities	1	-2.31%	1.02%	-0.73%	6.60%	-0.34%	-4.70%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	1	-5.75%	1.16%	-4.35%	14.88%	-1.13%	-7.04%
XLP	Consumer Staples Select *	Consumer Staples	1	-1.07%	-2.29%	0.61%	5.23%	2.59%	-2.73%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	1	0.32%	4.90%	-1.94%	2.02%	-2.45%	-9.70%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	1	-3.91%	-2.63%	-1.70%	12.00%	2.00%	-5.17%
VXUS	Vanguard Total International Stock	Global Equities	1	-2.17%	1.19%	-0.58%	7.41%	0.03%	-4.27%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	1	7.64%	6.97%	-0.76%	-8.35%	-3.71%	-25.93%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	1	-0.77%	3.85%	-2.90%	2.27%	-2.74%	-9.28%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	1	-2.21%	-1.38%	-3.51%	10.84%	0.34%	-4.79%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	1	-1.70%	-1.32%	0.24%	7.69%	2.53%	-3.38%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	0	6.24%	6.10%	-1.68%	-8.80%	-3.57%	-26.23%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	0	-0.46%	3.84%	-3.32%	1.47%	-3.21%	-9.37%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.18%	0.54%	0.41%	-0.49%	-0.11%	-5.34%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.04%	0.04%	-0.04%	0.14%	0.00%	-0.59%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0	-4.16%	-5.91%	-2.03%	12.25%	2.66%	-6.95%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0	-0.36%	-0.32%	-0.25%	1.47%	1.16%	-1.41%
VPU	Vanguard Utilities VIPERS	Utilities Equities	0	-1.82%	-4.23%	1.48%	4.90%	1.26%	-7.79%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.40%	0.44%	-0.29%	1.52%	0.14%	-2.77%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	-0.23%	-0.29%	-0.22%	0.88%	0.95%	-1.41%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	0	-0.94%	0.00%	0.18%	1.51%	1.03%	-2.95%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IYH	Dow Jones US Healthcare	Specialty-Health	0	-3.92%	-5.06%	-1.79%	12.40%	2.83%	-6.73%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.44%	0.48%	-0.05%	1.06%	0.21%	-2.62%
EWL	iShares Switzerland Index	Europe Stock	0	-1.65%	-4.37%	-1.34%	8.37%	2.06%	-5.36%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-1.50%	-0.80%	-0.67%	1.64%	-0.14%	-1.63%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.55%	0.26%	-0.48%	0.35%	-0.25%	-5.06%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	0	-1.08%	-2.77%	-1.00%	3.89%	-0.49%	-5.75%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	-1.01%	-0.58%	-0.39%	1.68%	0.48%	-1.06%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	0	-1.39%	-4.53%	-3.52%	9.01%	-2.15%	-6.42%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	-0.52%	3.59%	-3.71%	-0.68%	-4.27%	-11.46%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	0	-0.72%	0.00%	0.07%	-0.85%	0.37%	-2.20%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	0	-0.63%	0.16%	0.11%	-0.88%	0.35%	-2.51%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	-0.83%	-0.76%	-0.38%	1.00%	0.27%	-0.98%
VHT	Vanguard Health Care	Health & Biotech Equiti	0	-4.04%	-4.60%	-2.16%	10.62%	1.95%	-6.90%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0	-2.22%	-3.51%	-2.17%	6.07%	-0.67%	-9.62%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	-0.05%	-0.07%	-0.22%	-0.10%	-0.51%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.26%	-0.24%	-0.29%	-0.45%	-0.31%	-1.64%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.81%	0.15%	0.00%	0.31%	0.20%	-0.86%
XLU	Utilities Select Sector *	Utilities Equities	0	-2.33%	-4.63%	1.53%	5.06%	1.41%	-7.20%
FXB	CurrencyShares British Pound	Currency	0	-0.85%	0.29%	-0.72%	-0.28%	-1.36%	-9.43%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	-2.46%	-2.10%	-2.03%	6.24%	-2.21%	-12.74%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	-0.86%	0.32%	-0.50%	0.17%	0.00%	-66.40%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	-0.84%	0.33%	-0.47%	0.08%	-0.01%	-1.80%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	0	-3.65%	-5.32%	-1.38%	9.55%	2.41%	-31.94%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	0	7.74%	10.50%	-0.16%	-18.90%	-6.15%	-31.32%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.24%	-0.23%	-0.29%	-0.44%	-0.29%	-0.92%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.23%	-0.21%	-0.27%	-0.53%	-0.32%	-1.18%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-1	-3.15%	-3.13%	-3.02%	6.34%	0.16%	-15.91%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	-0.83%	-1.03%	-1.22%	-2.41%	-0.85%	-2.99%
EWJ	iShares Japan Index	Japan Stock	-1	-7.61%	2.57%	1.23%	1.12%	-1.08%	-7.83%
MUB	iShares S&P National Muni Bond	National Munis	-1	-0.78%	-1.04%	-1.59%	-1.08%	-0.79%	-1.70%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.50%	-0.52%	-0.74%	-1.42%	-0.70%	-1.90%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1	-0.85%	-1.07%	-1.11%	-2.62%	-1.05%	-4.69%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	-2.80%	-3.52%	-3.55%	6.00%	-0.18%	-9.18%
IAU	iShares Gold Trust	Precious Metals	-1	2.43%	0.86%	-0.61%	-5.68%	0.15%	-13.24%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	-0.92%	-1.20%	-1.36%	-2.41%	-0.91%	-3.23%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.48%	-0.44%	-0.65%	-1.30%	-0.52%	-1.30%
EWG	iShares Germany Index	Europe Stock	-1	-3.44%	-3.30%	-2.74%	5.04%	-2.24%	-8.53%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.51%	-0.47%	-0.74%	-1.26%	-0.59%	-1.26%
IYZ	Down Jones US Telecom	Commun. Equities	-1	-4.40%	-3.92%	-3.17%	7.02%	-1.81%	-11.49%
PZA	Pshares Insured National Munis	National Munis	-1	-1.10%	-1.39%	-2.15%	-0.89%	-0.91%	-2.36%
GLD	SPDR Gold Shares	Precious Metals	-1	2.42%	0.83%	-0.64%	-5.81%	0.09%	-13.35%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-1	2.52%	1.39%	-3.76%	-3.62%	-3.20%	-16.79%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	-6.26%	-3.83%	-2.52%	8.80%	1.17%	-8.46%
BAB	PowerShares Build America Bond Portfolio	National Munis	-1	-1.34%	-1.84%	-1.52%	-1.19%	0.36%	-4.45%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	-9.67%	-5.39%	-4.87%	15.38%	1.06%	-11.31%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-1	-2.51%	-2.48%	-2.66%	5.16%	-0.23%	-12.33%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-2	-0.97%	-1.12%	-1.24%	-2.83%	-0.41%	-4.00%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-2	-0.67%	2.84%	-5.34%	-3.54%	-6.35%	-15.32%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-2	-1.77%	-5.64%	-2.97%	2.40%	-0.66%	-7.42%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	-5.71%	0.48%	-1.89%	0.95%	-2.68%	-6.20%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-2	-1.02%	-1.19%	-1.32%	-3.06%	-0.44%	-4.46%
BNDX	Vanguard Total International Bond	Total Bond Market	-2	-0.77%	-1.83%	-1.40%	-2.72%	-0.73%	-3.82%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-2	-2.98%	7.09%	-0.68%	-9.72%	-6.53%	-26.95%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	-1.09%	-1.28%	-1.30%	-2.43%	-0.55%	-2.49%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	-1.00%	-1.20%	-1.36%	-3.12%	-0.60%	-4.64%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-2	-1.27%	-1.66%	-1.82%	-3.82%	-0.89%	-5.37%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	-1.12%	-1.41%	-1.38%	-2.68%	-0.33%	-6.33%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	-1.05%	-1.41%	-1.53%	-2.89%	-0.89%	-4.10%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	-1.04%	-1.42%	-1.56%	-2.95%	-0.94%	-4.91%
JXI	iShares S&P Global Utilities	Utilities Equities	-2	-2.37%	-5.05%	-0.05%	1.00%	-0.64%	-6.11%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	-1.43%	-2.11%	-1.91%	-3.99%	-0.53%	-6.42%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-2	-4.57%	-0.42%	-1.71%	-1.85%	-2.52%	-10.79%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-1.53%	-0.86%	-1.73%	-5.83%	-3.21%	-10.31%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	-2.12%	-1.55%	-2.03%	-3.96%	1.25%	-5.57%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-2	-1.44%	-1.07%	-1.57%	-3.21%	0.35%	-3.92%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-2	-1.18%	-1.25%	-1.59%	-2.87%	-0.44%	-2.90%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-3	-2.47%	-2.03%	-2.29%	-5.07%	-1.50%	-6.17%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-3	-2.49%	-1.96%	-2.30%	-5.05%	-1.42%	-6.71%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-3	2.49%	-0.66%	-1.42%	-11.14%	-2.97%	-49.26%
SIL	Global X Silver Miners	Commodity Producers	-3	2.67%	3.60%	-3.86%	-14.75%	-7.71%	-27.43%
BLV	Vanguard Long Term Bond	Long-Term Bond	-3	-2.42%	-2.25%	-2.31%	-5.86%	0.86%	-12.18%
HDGE	Ranger Equity Bear	Inverse Equities	-3	0.60%	-2.06%	4.61%	-16.90%	1.12%	-77.58%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-3	-8.49%	-4.10%	-4.48%	4.21%	-1.83%	-53.68%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-4	-2.05%	-2.35%	-2.84%	-8.07%	-3.41%	-8.71%
FXI	iShares China 25 Index	China Equities	-4	1.61%	3.25%	-8.18%	-13.18%	-11.13%	-26.00%
MCHI	iShares MSCI China	China Equities	-4	2.23%	4.70%	-10.13%	-13.94%	-12.53%	-28.31%
TLT	iShares 20+ Treas. Bd	Government Bonds	-4	-2.68%	-3.04%	-2.42%	-7.51%	1.36%	-14.97%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-4	2.02%	-0.89%	-7.70%	-7.84%	-5.68%	-14.34%
DOG	ProShares Short Dow 30	Bear Market	-4	-0.75%	-0.66%	-1.13%	-15.10%	-5.09%	-62.79%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-4	-3.22%	-2.90%	-3.15%	-7.21%	-2.74%	-13.54%
SLV	iShares Silver Trust	Precious Metals	-4	2.59%	1.35%	-7.47%	-11.27%	-7.92%	-19.26%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-4	-2.32%	-2.96%	-2.30%	-7.05%	0.61%	-14.12%
FXY	CurrencyShares Japanese Yen Trust	Currency	-5	-3.48%	-3.46%	-3.22%	-9.58%	-4.39%	-14.47%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	0.48%	-1.20%	-2.38%	-17.86%	-7.23%	-64.56%
EWH	iShares Hong Kong Index	China Equities	-5	-2.15%	-6.66%	-10.65%	-2.23%	-8.64%	-14.27%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-5	-3.91%	-3.80%	-3.04%	-9.61%	2.66%	-22.23%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-5	-3.76%	-3.85%	-2.91%	-9.81%	1.77%	-22.99%
PSQ	ProShares Short QQQ	Inverse Equities	-5	2.59%	-1.49%	-1.58%	-17.63%	-8.11%	-78.66%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-7	-4.92%	-4.20%	-11.85%	-7.60%	-11.06%	-17.37%
ILF	iShares S&P 40 Latin America	Latin America Stock	-8	-4.96%	-5.23%	-11.62%	-9.27%	-8.27%	-32.58%
RWM	ProShares Short Russell2000	Inverse Equities	-8	-2.20%	-7.10%	-4.43%	-17.66%	-3.73%	-66.84%
EWZ	iShares Brazil Index	Latin America Stock	-10	-5.17%	-5.77%	-16.01%	-12.41%	-10.12%	-32.93%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-10	5.14%	1.54%	-16.61%	-29.39%	-18.85%	-48.05%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-11	-8.26%	-8.79%	-3.10%	-22.08%	-13.91%	-56.18%
ECH	iShares Chile Index	Latin America	-16	-14.44%	-11.92%	-14.68%	-21.71%	-21.53%	-57.90%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-22	-4.56%	-2.26%	1.49%	-80.82%	-75.65%	-83.11%