

HV ETF Master List as of 08/11/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	50	32.64%	19.15%	7.61%	141.07%	50.58%	-65.91%
FXN	1st Trust Energy AlphaDEX	Energy Equities	20	20.72%	9.21%	5.96%	43.20%	16.81%	-8.91%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	16	20.18%	0.82%	-1.05%	42.68%	12.87%	-17.10%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	16	11.63%	41.91%	30.81%	-18.92%	0.88%	-47.82%
IYE	Dow Jones US Energy	Specialty-Natural Res.	15	17.60%	4.15%	-0.86%	40.93%	12.36%	-13.13%
VDE	Vanguard Energy VIPERS	Energy Equities	14	17.03%	1.24%	-2.49%	41.40%	11.30%	-14.92%
XLE	Energy Select Sector *	Energy Equities	13	15.39%	0.18%	-4.35%	40.32%	10.10%	-15.60%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	12	0.70%	-6.74%	1.13%	53.11%	19.65%	-39.38%
XME	SPDR S&P Metals & Mining	Commodity Producers	12	22.24%	10.53%	0.57%	14.90%	3.27%	-21.87%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	11	22.55%	34.07%	13.91%	-26.60%	-6.43%	-26.60%
ECH	iShares Chile Index	Latin America	11	23.36%	5.39%	-2.11%	18.45%	4.53%	-51.31%
IXC	S&P Global Energy	Energy Equities	11	15.47%	1.74%	-5.05%	31.84%	7.86%	-14.86%
IWO	Russell 2000 Growth	Small Growth	10	16.67%	24.86%	14.83%	-17.26%	-2.14%	-27.97%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	10	17.38%	24.02%	16.00%	-18.91%	-4.48%	-22.32%
KRE	SPDR S&P Region.Banking	Specialty-Financial	10	17.12%	17.08%	11.27%	-6.06%	-1.08%	-15.51%
KBE	SPDR S&P Bank	Specialty-Financial	10	18.00%	18.80%	10.78%	-6.76%	-1.13%	-15.79%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	10	16.38%	9.52%	1.07%	12.06%	3.82%	-55.81%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	9	9.96%	12.82%	8.75%	2.81%	2.16%	-55.93%
VBK	Vanguard SmallCap Growth	Small Cap Growth	9	16.56%	23.16%	12.64%	-17.76%	-2.84%	-24.22%
IYT	Dow Jones Transportation	Transportation Equities	9	17.62%	18.87%	11.75%	-10.79%	-0.72%	-11.90%
IDU	Dow Jones US Utilities	Utilities Equities	9	9.14%	16.68%	6.18%	4.95%	7.27%	-47.58%
IWM	Russell 2000	Small Blend	9	15.80%	19.80%	11.23%	-11.73%	-0.68%	-19.05%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	9	16.56%	23.41%	16.27%	-18.73%	-4.48%	-21.41%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	9	9.66%	14.88%	3.74%	6.97%	7.42%	-0.79%
VIS	Vanguard Industrials	industrials Equities	9	16.18%	16.77%	9.63%	-8.07%	0.50%	-10.08%
XLU	Utilities Select Sector *	Utilities Equities	9	8.42%	15.29%	5.52%	5.46%	7.02%	-1.91%
VGT	Vanguard Info Technology	Technolgy Equities	8	14.04%	20.51%	12.91%	-16.89%	-3.05%	-18.31%
EWZ	iShares Brazil Index	Latin America Stock	8	20.60%	9.13%	-6.00%	9.90%	-1.58%	-36.27%
VB	Vanguard SmallCap	Small Cap Blend	8	14.93%	18.31%	8.68%	-10.64%	-1.05%	-15.63%
IWN	Russell 2000 Value	Small Value	8	14.72%	15.50%	7.91%	-6.47%	0.39%	-12.19%
IGE	iShares North American Natural Resources	Commodity Producers	8	14.00%	0.76%	-4.60%	22.59%	4.79%	-15.06%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	8	8.91%	17.49%	9.87%	-3.12%	3.61%	-4.96%
IJH	S&P MidCap 400	Mid-Cap Blend	8	14.06%	17.42%	7.76%	-9.13%	-0.38%	-11.46%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	8	15.98%	19.66%	10.27%	-13.19%	-1.20%	-71.20%
IYC	iShares US Consumer Services	Consumer Discretionar	8	16.07%	21.91%	14.54%	-19.33%	-5.03%	-75.54%
IWP	Russell MidCap Growth	Mid-Cap Growth	8	16.38%	22.68%	13.38%	-19.71%	-4.12%	-24.96%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	8	8.08%	24.07%	14.14%	-13.98%	0.95%	-61.48%
VPU	Vanguard Utilities VIPERS	Utilities Equities	8	8.54%	15.08%	5.33%	4.96%	6.84%	-1.68%
XLK	Technology Select *	Technology Equities	8	13.51%	19.58%	12.92%	-15.07%	-1.93%	-16.41%
XLI	Industrial Select Sector *	Industrial Equities	8	15.04%	14.67%	8.42%	-7.04%	0.29%	-8.18%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	8	16.57%	21.61%	12.10%	-19.78%	-4.23%	-23.15%

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ILF	iShares S&P 40 Latin America	Latin America Stock	7	19.05%	7.76%	-6.12%	6.56%	-1.97%	-36.71%
SDY	SPDR Dividend ETF	Large Value	7	9.66%	12.32%	6.11%	-0.02%	3.22%	-2.42%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	7	15.98%	20.70%	11.46%	-18.39%	-3.17%	-22.14%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	13.93%	20.52%	13.57%	-18.81%	-4.32%	-19.91%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	13.99%	16.75%	7.65%	-9.21%	-0.43%	-11.49%
IYJ	Dow Jones US Industrial	Industrial Equities	7	14.44%	16.29%	8.77%	-11.14%	-1.30%	-48.09%
VUG	Vanguard Growth	Large Cap Growth	7	14.31%	20.74%	13.34%	-19.12%	-4.40%	-20.30%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	7	13.85%	16.83%	7.15%	-11.69%	-1.93%	-67.29%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	15.70%	19.87%	9.58%	-17.03%	-4.36%	-24.14%
IWF	Russell 1000 Growth	Large Growth	7	12.90%	19.64%	12.24%	-17.82%	-4.10%	-18.87%
SPYG	S&P 500 Growth	Large Cap Growth	7	13.55%	19.52%	12.79%	-16.77%	-3.32%	-17.91%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	7	13.75%	19.74%	12.70%	-16.53%	-3.15%	-17.62%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	7	12.30%	15.19%	5.88%	-4.26%	0.65%	-7.68%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	7	14.06%	18.68%	10.39%	-13.54%	-1.47%	-42.60%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	13.21%	14.61%	5.10%	-5.46%	-0.18%	-42.98%
IJR	S&P Sm.Cap 600	Small Blend	7	13.69%	16.51%	7.51%	-9.41%	-0.84%	-13.79%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	7	12.27%	14.93%	5.49%	-4.98%	0.37%	-39.22%
IGV	iShares North American Tech-Software	Technology Equities	7	16.32%	20.27%	13.96%	-22.20%	-6.77%	-30.71%
FXO	1st Trust Financials AlphaDEX	Financial Equities	7	14.60%	15.46%	5.74%	-6.40%	-1.45%	-10.88%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	7	6.81%	18.83%	10.56%	-9.39%	0.44%	-20.60%
XRT	SPDR S&P Retail *	Consumer Discretionar	7	18.89%	18.31%	12.03%	-22.22%	-7.54%	-32.57%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	7	12.21%	13.47%	5.22%	-2.39%	1.31%	-57.33%
DJP	Bloomberg Commodity Index	Commodities	7	11.37%	-5.80%	-6.06%	27.94%	6.67%	-10.87%
IVW	S&P 500/BARRA Growth	Large Growth	7	13.50%	19.78%	12.82%	-16.78%	-3.31%	-17.90%
VBR	Vanguard SmallCap Value	Small Cap Value	7	13.88%	15.16%	6.08%	-5.56%	0.06%	-9.05%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	7	13.63%	19.64%	12.91%	-16.74%	-3.28%	-17.88%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7	13.90%	17.18%	7.59%	-12.44%	-2.12%	-14.60%
IWS	Russell MidCap Value	Mid-Cap Value	6	12.56%	14.03%	4.33%	-7.36%	-0.95%	-8.27%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	6	12.94%	25.81%	10.37%	-23.69%	-4.56%	-24.12%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	6	14.40%	15.76%	8.07%	-13.17%	-4.91%	-17.64%
VTI	Total Stock Market VIPERs	All Cap Equities	6	11.88%	15.44%	8.17%	-12.49%	-2.69%	-13.04%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	6	12.94%	12.49%	4.89%	-7.81%	-2.55%	-30.05%
IWB	Russell 1000 Index	Large Blend	6	11.68%	15.55%	8.15%	-12.15%	-2.51%	-12.71%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	6	11.83%	15.79%	8.17%	-12.38%	-2.60%	-12.91%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	6	13.52%	16.63%	6.38%	-11.67%	-2.38%	-14.81%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	6	13.05%	19.41%	11.91%	-18.54%	-4.59%	-19.78%
RSP	Guggenheim S&P Equal Weight	Large Blend	6	11.92%	14.04%	5.68%	-8.32%	-1.21%	-9.13%
IYW	Dow Jones US Technology	Technology Equities	6	13.21%	18.72%	10.78%	-19.84%	-5.46%	-21.39%
IWV	Russell 3000 Index	All Cap Equities	6	11.94%	15.80%	8.38%	-12.10%	-2.40%	-12.60%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	6	11.45%	13.25%	3.64%	-4.93%	-0.38%	-6.69%
IYF	Dow Jones US Financial Sector	Specialty-Financial	6	14.22%	14.77%	6.95%	-10.02%	-3.62%	-45.61%
XLF	Financial Select Sector *	Financial Equities	6	13.89%	13.52%	6.16%	-10.35%	-4.36%	-15.48%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	6	0.60%	-3.15%	1.06%	25.14%	10.54%	-18.16%
IVV	S&P 500	Large Blend	6	11.17%	15.07%	7.98%	-11.47%	-2.21%	-11.99%

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VFH	Vanguard Financials	Financials Equities	6	14.47%	14.36%	6.75%	-10.69%	-4.02%	-15.23%
BBH	VanEck Vectors Biotech	Health & Biotech	6	7.15%	20.80%	10.19%	-15.33%	-1.22%	-27.37%
PIN	PowerShares India Portfolio	Emerging Markets Equi	6	9.53%	11.82%	7.02%	-5.94%	-1.10%	-52.34%
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap	Large Cap Blend Equiti	5	10.72%	14.41%	7.96%	-12.52%	-2.62%	-12.96%
ITB	iShares DJ US Home Construction	Building and Constructi	5	8.85%	26.20%	9.66%	-25.23%	-5.06%	-25.34%
GSG	iShares GSCI Commodity Index	Commodities.	5	4.81%	-10.82%	-6.75%	32.44%	6.35%	-13.97%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	5	9.40%	12.24%	5.60%	-5.56%	0.33%	-6.06%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	5	9.34%	11.04%	6.14%	-5.43%	-1.69%	-16.65%
INDA	iShares MSCI India	Emerging Markets Equi	5	9.02%	11.27%	6.11%	-5.63%	-1.38%	-14.81%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	11.12%	14.53%	7.86%	-11.57%	-2.37%	-12.11%
ICF	Cohen & Steers Realty	Real Estate	5	10.80%	15.51%	7.42%	-12.85%	-1.99%	-47.37%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5	10.10%	11.03%	3.86%	-6.03%	-1.46%	-8.05%
PKW	PowerShares Buyback Achievers	All Cap Equities	5	11.87%	13.36%	6.08%	-10.74%	-2.61%	-12.20%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	5	10.78%	14.78%	6.63%	-11.15%	-2.51%	-12.00%
KIE	SPDR S&P Insurance	Specialty-Financial	5	9.01%	10.47%	3.68%	-1.71%	0.40%	-57.71%
SPY	SPDR S&P 500	Large Cap Blend	5	11.13%	14.55%	7.84%	-11.57%	-2.32%	-12.08%
IYR	Dow Jones US Real Estate	Real Estate	5	10.98%	16.24%	7.34%	-12.98%	-2.14%	-12.98%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	8.91%	11.27%	6.56%	-8.15%	-1.20%	-9.29%
VNQ	Vanguard REIT Index	Real Estate	5	10.79%	14.89%	6.12%	-13.80%	-3.11%	-13.80%
DVY	iShares Select Dividend Index	Large Cap Value	5	8.43%	9.67%	0.75%	1.93%	1.54%	-5.43%
VV	Vanguard LargeCap	Large Cap Blend	5	11.40%	15.03%	8.05%	-12.93%	-2.91%	-13.22%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	5	12.71%	17.11%	8.07%	-17.36%	-5.49%	-21.81%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	10.79%	11.32%	4.57%	-6.60%	-0.90%	-64.08%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	5	8.78%	12.24%	6.07%	-7.30%	-0.76%	-8.10%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	5	15.53%	13.38%	6.37%	-14.05%	-7.40%	-23.02%
JXI	iShares S&P Global Utilities	Utilities Equities	5	8.81%	12.52%	1.00%	-0.54%	2.78%	-4.65%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	8.91%	12.30%	7.23%	-9.34%	-1.21%	-9.58%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	5	7.84%	6.54%	-0.21%	4.47%	2.41%	-5.18%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5	11.29%	12.65%	4.62%	-9.21%	-1.69%	-9.88%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	5	10.02%	10.78%	4.02%	-5.17%	-0.93%	-7.21%
IWD	Russell 1000 Value	Large Value	5	10.40%	11.59%	4.29%	-5.98%	-1.02%	-7.40%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	15.44%	8.82%	2.22%	-5.41%	-0.56%	-9.72%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	5	4.45%	8.16%	4.28%	3.89%	2.98%	-5.30%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	5	7.93%	11.70%	4.43%	-5.97%	0.82%	-6.10%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	4	3.94%	8.60%	4.43%	0.86%	1.78%	-5.39%
VTV	Vanguard Value	Large Cap Value	4	8.41%	9.32%	2.74%	-4.45%	-1.19%	-6.79%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	4	13.25%	13.08%	7.42%	-18.96%	-4.68%	-24.11%
VYM	Vanguard High Div. Yield Index	Large Cap Value	4	7.85%	8.16%	2.40%	-3.66%	-0.88%	-6.09%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	4	3.32%	8.53%	6.20%	-3.54%	-0.05%	-7.44%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	4	6.19%	7.89%	1.04%	1.90%	1.50%	-4.54%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	4	8.53%	-5.89%	-5.34%	19.17%	2.74%	-12.65%
DBC	PowerShares DB Commodity Index	Commodities	4	5.98%	-11.71%	-6.05%	26.23%	5.63%	-14.08%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	4	6.78%	11.31%	4.46%	-4.76%	0.98%	-5.85%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4	10.26%	12.32%	5.02%	-13.14%	-4.29%	-13.96%

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SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	6.15%	8.40%	-0.09%	1.79%	1.55%	-6.40%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	4	6.65%	5.91%	-0.79%	3.82%	1.24%	-6.03%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	4	3.25%	4.21%	3.89%	3.74%	2.67%	-2.76%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	4	2.49%	13.48%	6.98%	-5.31%	-0.09%	-21.98%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	7.84%	7.57%	-0.65%	-0.62%	-0.53%	-7.29%
EZA	iShares South Africa Index	Emerging Markets Equi	4	14.65%	6.72%	-1.98%	-2.84%	-5.23%	-40.67%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	6.44%	11.93%	6.90%	-7.68%	-0.29%	-7.84%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	4	9.32%	10.56%	3.60%	-7.74%	-1.99%	-8.95%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	9.98%	7.95%	-0.01%	-0.49%	-0.97%	-8.85%
IVE	S&P 500/BARRA Value	Large Value	4	8.83%	10.48%	3.46%	-5.62%	-1.23%	-7.06%
RWR	Wilshire REIT Fund	Real Estate	4	11.70%	13.77%	5.16%	-14.46%	-4.78%	-14.46%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	4	15.46%	-0.24%	-6.29%	7.07%	-0.44%	-13.59%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	5.38%	5.98%	-0.02%	3.07%	1.07%	-5.30%
XLP	Consumer Staples Select *	Consumer Staples	4	2.97%	8.37%	6.11%	-2.92%	0.19%	-7.09%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	4	9.91%	13.94%	7.21%	-15.02%	-4.12%	-15.45%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	4	2.50%	8.29%	6.02%	0.99%	2.08%	-5.12%
ACWI	iShares MSCI ACWI	Global Equities	3	10.36%	11.49%	4.21%	-13.60%	-4.69%	-14.77%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	3.55%	7.18%	4.97%	-1.92%	1.66%	-5.56%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	3	6.49%	13.16%	4.36%	-11.44%	-1.53%	-14.18%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	11.98%	6.53%	-1.18%	-6.61%	-3.83%	-11.73%
VHT	Vanguard Health Care	Health & Biotech Equiti	3	4.68%	12.03%	4.80%	-7.70%	-0.19%	-8.07%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	3	15.34%	0.49%	-7.59%	2.71%	-2.78%	-15.10%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3	3.78%	9.98%	2.89%	-6.36%	-0.26%	-7.63%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	3	9.65%	14.75%	3.11%	-16.96%	-5.37%	-85.28%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	3	3.62%	7.13%	4.88%	-1.82%	1.41%	-6.76%
VT	Vanguard Total World Stock Index	Global Equities	3	10.73%	10.98%	4.48%	-13.35%	-4.49%	-14.78%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	3	12.49%	14.84%	6.87%	-24.17%	-9.19%	-32.27%
SMH	VanEck Vectors Semiconductor	Technology Equities	3	13.90%	16.99%	4.63%	-22.72%	-7.54%	-24.62%
MOO	VanEck Vectors Agribusiness	Commodity Producers	3	12.47%	4.84%	-3.32%	-2.83%	-2.60%	-14.41%
UUP	PowerShares DB US Dollar Bullish	Currency	3	-3.07%	1.70%	2.40%	9.79%	5.19%	-3.07%
PPLT	ETFS Physical Platinum Shares	Precious Metals	3	13.48%	0.34%	-0.75%	-1.22%	-2.00%	-25.65%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	3	11.29%	11.70%	2.47%	-14.88%	-5.64%	-14.91%
IYH	Dow Jones US Healthcare	Specialty-Health	3	3.73%	10.93%	3.34%	-7.76%	-0.70%	-8.22%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	3	4.82%	9.62%	8.04%	-12.17%	-2.18%	-15.36%
SCHD	Schwab US Dividend Equity	All Cap Equities	3	7.49%	7.79%	2.27%	-5.86%	-1.14%	-7.14%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	5.18%	9.27%	7.40%	-12.00%	-2.18%	-14.67%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	2	13.59%	16.21%	3.17%	-24.44%	-8.93%	-26.25%
VAW	Vanguard Materials VIPERS	Materials	2	13.07%	7.61%	-2.93%	-11.05%	-4.42%	-12.21%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2	8.67%	10.21%	0.88%	-10.95%	-4.50%	-15.18%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	2	7.17%	7.14%	1.15%	-7.97%	-2.11%	-9.46%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	2	4.88%	8.30%	2.77%	-8.94%	-2.81%	-8.94%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	2	5.81%	6.67%	1.52%	-6.37%	-1.50%	-7.94%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	2	8.28%	11.16%	5.19%	-15.50%	-5.59%	-23.97%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	2	4.58%	4.33%	3.02%	-2.90%	-0.29%	-8.37%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	5.91%	9.21%	5.65%	-11.31%	-2.28%	-13.18%
EWA	iShares Australia Index	Asia Pacific Equities	2	11.52%	8.78%	-3.32%	-7.21%	-4.14%	-15.85%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	4.95%	5.99%	2.26%	-10.08%	-3.62%	-12.06%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	1	-0.44%	8.92%	2.56%	-7.26%	-2.54%	-9.94%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	1	7.40%	7.40%	1.86%	-11.54%	-3.60%	-12.86%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	1	9.49%	4.82%	-2.84%	-5.78%	-3.65%	-29.48%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	1	9.20%	6.66%	0.24%	-12.32%	-4.55%	-15.23%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	4.18%	4.53%	1.06%	-6.49%	-2.24%	-9.07%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1	10.01%	12.11%	3.14%	-20.76%	-7.59%	-23.30%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	1	12.80%	8.62%	-0.38%	-16.91%	-7.28%	-22.84%
XLB	Materials Select Sector *	Materials	1	12.25%	6.09%	-3.63%	-12.13%	-5.01%	-12.13%
EWQ	iShares France Index	Europe Stock	1	12.45%	8.97%	-0.83%	-16.62%	-7.03%	-19.85%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	5.14%	5.47%	3.20%	-9.18%	-3.00%	-11.07%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	8.52%	7.38%	-2.05%	-7.96%	-4.74%	-18.55%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	2.73%	8.82%	1.06%	-8.36%	-2.07%	-32.72%
IYM	Dow Jones US Basic Mat's	Materials	1	14.68%	5.33%	-5.79%	-8.69%	-5.24%	-16.87%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	3.98%	4.00%	1.17%	-6.49%	-2.40%	-11.81%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	5.48%	6.10%	1.99%	-10.95%	-4.21%	-70.23%
EWN	iShares Netherlands Index	Europe Stock	1	13.26%	12.92%	3.03%	-24.13%	-9.85%	-29.16%
EWU	iShares United Kingdom Index	Europe Stock	1	9.08%	4.96%	-2.08%	-6.16%	-4.04%	-17.90%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	4.25%	4.25%	1.20%	-6.92%	-2.61%	-10.20%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	1	5.87%	5.77%	0.49%	-7.08%	-2.52%	-9.63%
EWL	iShares Switzerland Index	Europe Stock	0	7.94%	10.69%	-0.05%	-16.95%	-6.85%	-17.41%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	0	10.03%	7.74%	-1.28%	-16.08%	-7.51%	-19.90%
SCHF	Schwab International Equity	Foreign Large Cap Equ	0	9.92%	6.17%	-0.66%	-14.18%	-6.60%	-18.32%
EWV	iShares Mexico Index	Latin America Stock	0	7.66%	5.59%	-5.81%	-5.53%	-2.76%	-17.04%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	0	11.97%	8.93%	-1.43%	-19.09%	-8.65%	-25.21%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	3.32%	5.04%	1.55%	-8.75%	-3.00%	-9.91%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	4.84%	4.72%	2.08%	-10.48%	-3.86%	-12.34%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.30%	0.86%	-0.44%	-1.04%	-0.55%	-1.74%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	0	8.28%	5.85%	-0.99%	-13.68%	-6.64%	-21.39%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.08%	0.03%	-0.17%	-0.62%	-0.30%	-1.31%
EWJ	iShares Japan Index	Japan Stock	0	7.81%	6.93%	-0.14%	-15.93%	-7.40%	-24.06%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	0	7.31%	6.04%	-1.14%	-12.24%	-4.96%	-14.41%
BNDX	Vanguard Total International Bond	Total Bond Market	0	1.46%	4.44%	0.12%	-7.98%	-3.81%	-14.29%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	0	9.61%	7.32%	-1.57%	-15.80%	-7.57%	-19.34%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	0	11.02%	6.60%	-0.79%	-17.27%	-7.82%	-21.97%
EWSP	iShares Spain Index	Europe Stock	0	10.35%	1.94%	-4.25%	-9.90%	-5.58%	-34.69%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	11.08%	1.83%	-5.75%	-9.04%	-6.65%	-20.96%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	-0.80%	5.54%	0.28%	-5.66%	-1.54%	-6.68%
PZA	Pshares Insured National Munis	National Munis	0	0.84%	4.47%	3.98%	-11.25%	-4.44%	-12.57%
IEV	S&P Europe 350 Index	Europe Stock	0	10.57%	7.31%	-2.00%	-16.91%	-7.92%	-18.96%
IXUS	iShares Core MSCI Total International Stock	Global Equities	0	8.97%	6.26%	-1.11%	-15.55%	-7.72%	-20.68%
VXUS	Vanguard Total International Stock	Global Equities	0	8.94%	4.87%	-0.81%	-14.90%	-7.32%	-19.85%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
MUB	iShares S&P National Muni Bond	National Munis	0	0.47%	2.50%	2.62%	-7.30%	-2.70%	-8.61%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	0	10.10%	5.91%	-1.05%	-15.04%	-7.09%	-18.81%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	0	6.54%	8.73%	4.56%	-21.03%	-9.33%	-25.89%
VEU	Vanguard FTSE All-World ex-US	Global Equities	-1	8.58%	4.67%	-0.74%	-14.70%	-7.28%	-19.93%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	0.62%	1.03%	-0.31%	-5.45%	-2.34%	-7.39%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-1	12.75%	5.17%	-1.62%	-20.62%	-9.73%	-24.94%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-1	13.80%	5.72%	0.30%	-24.29%	-10.93%	-35.54%
EZU	European Monetary Union Index	Europe Stock	-1	12.43%	6.87%	-2.44%	-21.00%	-10.04%	-24.86%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	0.84%	1.40%	-0.04%	-5.44%	-2.25%	-7.70%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	0.46%	1.81%	-0.42%	-7.78%	-3.50%	-13.48%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	1.98%	3.25%	0.69%	-11.70%	-5.05%	-15.70%
IYZ	Down Jones US Telecom	Commun. Equities	-1	5.26%	10.23%	2.21%	-19.75%	-8.78%	-27.72%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	1.11%	-0.83%	-1.60%	-2.96%	-2.19%	-5.53%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	0.01%	0.15%	-0.78%	-3.53%	-1.72%	-4.93%
ACWX	iShares MSCI ACWI ex US	Global Equities	-1	8.43%	5.60%	-1.51%	-15.54%	-7.91%	-20.60%
VOX	Vanguard Telecom Serv's	Communication Equitie	-1	8.82%	11.51%	1.97%	-24.82%	-11.62%	-32.36%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-1	10.63%	3.26%	-5.58%	-13.84%	-8.49%	-32.51%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	9.29%	4.70%	0.49%	-17.94%	-7.67%	-24.14%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-1	-8.94%	-7.04%	-1.33%	12.82%	3.71%	-43.79%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-1	9.10%	2.58%	-5.63%	-10.78%	-7.43%	-24.53%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-1	8.23%	4.77%	0.49%	-17.34%	-7.43%	-22.91%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-1	5.40%	2.40%	0.67%	-13.61%	-7.51%	-26.10%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1	1.36%	2.86%	0.13%	-10.12%	-4.47%	-16.55%
GLD	SPDR Gold Shares	Precious Metals	-1	4.40%	-3.68%	-3.24%	-2.70%	-3.42%	-14.21%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-1	10.04%	6.43%	-3.24%	-15.34%	-7.61%	-30.09%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-1	5.64%	-5.97%	-7.91%	4.41%	-1.40%	-10.19%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-1	9.83%	2.04%	-3.95%	-12.28%	-7.32%	-17.51%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	0.03%	0.15%	-0.74%	-3.49%	-1.71%	-5.82%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	0.26%	0.77%	-0.53%	-4.96%	-2.27%	-7.78%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	9.68%	7.27%	-2.96%	-16.14%	-8.21%	-24.63%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	0.55%	1.52%	-0.29%	-6.79%	-3.03%	-10.41%
IAU	iShares Gold Trust	Precious Metals	-1	4.47%	-3.67%	-3.23%	-2.61%	-3.36%	-14.00%
VGK	Vanguard European	Europe Equities	-1	10.74%	5.26%	-1.82%	-17.92%	-8.41%	-20.67%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	0.02%	0.16%	-0.77%	-3.52%	-1.69%	-5.16%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	0.39%	1.55%	-0.51%	-7.10%	-3.13%	-10.87%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-2	0.80%	2.30%	-0.18%	-10.01%	-4.46%	-14.19%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-2	14.29%	20.99%	13.84%	-58.82%	-34.80%	-59.57%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	0.04%	1.36%	-0.87%	-10.38%	-4.61%	-15.51%
EWD	iShares Sweden Index	Europe Stock	-2	12.73%	9.35%	-3.22%	-26.81%	-12.34%	-31.34%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-2	5.70%	2.78%	-0.85%	-16.85%	-9.43%	-29.92%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-2	5.43%	1.98%	-5.03%	-10.08%	-6.47%	-18.53%
EWM	iShares Malaysia Index	Emerging Markets Equi	-2	6.33%	2.30%	-5.38%	-9.39%	-6.34%	-37.81%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	0.45%	1.77%	-0.60%	-7.89%	-3.49%	-12.30%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-2	5.33%	2.01%	0.19%	-14.88%	-8.13%	-25.47%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	1.57%	1.84%	-0.88%	-9.80%	-4.78%	-15.19%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-2	1.79%	3.41%	0.95%	-14.78%	-6.46%	-18.84%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	0.83%	3.07%	-0.11%	-10.22%	-4.41%	-16.10%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	7.32%	4.20%	-2.69%	-14.92%	-8.82%	-29.54%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-2	5.92%	2.91%	-1.34%	-16.66%	-9.37%	-28.17%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	0.79%	2.35%	-0.19%	-10.33%	-4.63%	-15.09%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	1.52%	2.29%	-0.72%	-11.93%	-5.65%	-14.86%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-2	0.82%	2.22%	-0.18%	-10.38%	-4.72%	-15.12%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-3	4.05%	2.29%	-2.40%	-16.41%	-8.46%	-24.86%
BAB	PowerShares Build America Bond Portfolio	National Munis	-3	-0.18%	2.59%	-0.32%	-15.75%	-7.58%	-19.83%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-3	7.51%	-2.04%	-5.94%	-13.37%	-10.22%	-25.36%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-3	0.95%	0.32%	-2.96%	-10.96%	-6.22%	-12.09%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-3	8.33%	1.41%	-4.75%	-18.80%	-9.89%	-21.66%
EWH	iShares Hong Kong Index	China Equities	-3	-1.12%	1.10%	-1.90%	-8.84%	-6.47%	-24.77%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-3	3.22%	1.64%	-0.56%	-16.96%	-9.33%	-32.73%
FXE	CurrencyShares Euro Currency Trust	Currency	-3	2.93%	-2.43%	-2.82%	-9.88%	-5.73%	-20.88%
FXB	CurrencyShares British Pound	Currency	-3	3.07%	-1.37%	-2.53%	-9.99%	-5.73%	-19.50%
EWK	iShares Belgium Index	Europe Stock	-3	6.45%	3.74%	-4.95%	-18.12%	-10.32%	-24.64%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	-3	1.00%	0.16%	-2.85%	-10.43%	-5.98%	-11.83%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-3	7.17%	2.70%	-3.60%	-18.55%	-11.35%	-22.69%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-3	15.35%	18.43%	9.17%	-56.19%	-33.02%	-59.27%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-4	11.29%	1.18%	-5.86%	-21.96%	-11.24%	-26.49%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-4	9.58%	3.51%	-6.34%	-21.25%	-11.72%	-36.27%
FXY	CurrencyShares Japanese Yen Trust	Currency	-4	4.29%	-0.92%	-4.15%	-13.77%	-8.20%	-27.32%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-4	1.73%	3.30%	1.05%	-21.10%	-10.12%	-26.07%
EWI	iShares Italy Index	Europe Stock	-4	14.44%	3.24%	-8.70%	-23.19%	-13.07%	-26.89%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-5	11.79%	15.28%	8.08%	-56.21%	-33.48%	-56.48%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-5	-0.44%	2.31%	-1.98%	-18.92%	-9.94%	-30.17%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-5	-2.29%	-1.31%	4.71%	-19.29%	-8.54%	-32.00%
BLV	Vanguard Long Term Bond	Long-Term Bond	-5	0.82%	2.94%	-0.53%	-21.35%	-10.87%	-31.12%
DOG	ProShares Short Dow 30	Bear Market	-5	-8.24%	-10.38%	-7.07%	5.46%	-0.84%	-62.66%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-5	11.52%	15.02%	7.99%	-56.19%	-33.52%	-56.48%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-5	6.47%	-0.21%	-3.29%	-21.42%	-12.16%	-22.77%
SLV	iShares Silver Trust	Precious Metals	-5	9.82%	-7.76%	-7.89%	-13.20%	-11.10%	-30.85%
EWG	iShares Germany Index	Europe Stock	-5	11.79%	2.04%	-7.55%	-26.82%	-15.38%	-34.24%
TLT	iShares 20+ Treas. Bd	Government Bonds	-6	-0.95%	2.39%	-2.38%	-22.81%	-12.41%	-33.33%
SCHH	Schwab U.S. REIT	Real Estate	-6	10.73%	14.52%	6.55%	-56.14%	-32.66%	-56.14%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-10.14%	-13.20%	-8.42%	8.66%	-0.47%	-64.47%
MCHI	iShares MSCI China	China Equities	-7	-3.97%	-3.93%	0.54%	-20.60%	-12.10%	-48.72%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-11.81%	-17.00%	-12.43%	14.50%	-0.43%	-77.71%
FXI	iShares China 25 Index	China Equities	-7	-3.90%	-4.99%	-0.76%	-17.80%	-11.78%	-44.80%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-8	12.09%	-10.29%	-14.90%	-19.75%	-17.64%	-47.46%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-8	-1.39%	2.22%	-3.83%	-29.31%	-16.96%	-44.51%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-8	-1.68%	2.69%	-3.39%	-29.73%	-17.23%	-43.68%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
RWM	ProShares Short Russell2000	Inverse Equities	-9	-13.88%	-17.01%	-11.64%	7.28%	-3.25%	-64.52%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-11	3.54%	-13.46%	-17.20%	-16.89%	-18.01%	-40.22%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-11	20.60%	-17.20%	-17.88%	-30.57%	-25.81%	-65.39%
SIL	Global X Silver Miners	Commodity Producers	-11	9.19%	-9.87%	-14.36%	-28.76%	-21.66%	-51.24%
HDGE	Ranger Equity Bear	Inverse Equities	-13	-18.41%	-20.75%	-14.99%	3.00%	-5.30%	-77.38%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-15	1.64%	-16.27%	-21.21%	-24.25%	-22.71%	-44.63%
RSX	Market Vectors Russia	Emerging Markets Equi	-20	0.00%	0.00%	0.00%	-78.81%	-59.12%	-83.05%