

# HV ETF Master List as of 08/18/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	57	17.54%	48.83%	6.83%	154.28%	55.99%	-64.04%
FXN	1st Trust Energy AlphaDEX	Energy Equities	21	14.19%	19.97%	1.21%	47.15%	19.11%	-6.40%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	20	15.64%	18.83%	-4.93%	49.13%	17.04%	-13.35%
IYE	Dow Jones US Energy	Specialty-Natural Res.	17	12.49%	15.33%	-5.09%	44.22%	14.12%	-11.10%
VDE	Vanguard Energy VIPERS	Energy Equities	16	12.10%	14.77%	-6.98%	44.84%	13.14%	-12.85%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	14	1.95%	-3.10%	3.47%	51.92%	17.62%	-39.85%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	14	16.65%	14.52%	6.77%	18.03%	9.54%	-53.46%
XLE	Energy Select Sector *	Energy Equities	14	10.79%	12.48%	-8.58%	43.21%	11.52%	-13.87%
IXC	S&P Global Energy	Energy Equities	12	10.28%	11.92%	-9.09%	33.81%	8.82%	-13.59%
EWZ	iShares Brazil Index	Latin America Stock	11	22.44%	17.39%	-10.25%	13.50%	1.55%	-34.19%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	11	13.01%	15.32%	3.53%	10.31%	10.35%	0.00%
IDU	Dow Jones US Utilities	Utilities Equities	11	13.46%	15.17%	5.59%	8.00%	10.01%	-46.06%
XME	SPDR S&P Metals & Mining	Commodity Producers	11	15.52%	18.69%	-4.91%	15.99%	3.98%	-21.12%
XLU	Utilities Select Sector *	Utilities Equities	10	13.51%	14.61%	4.76%	8.61%	9.80%	0.00%
VPU	Vanguard Utilities VIPERS	Utilities Equities	10	13.19%	14.54%	4.76%	8.05%	9.61%	0.00%
IGE	iShares North American Natural Resources	Commodity Producers	9	9.27%	10.93%	-8.40%	24.75%	6.16%	-13.56%
KBE	SPDR S&P Bank	Specialty-Financial	8	10.45%	19.43%	6.90%	-4.91%	1.12%	-14.12%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	8	7.41%	13.46%	6.84%	5.30%	4.61%	-54.87%
KRE	SPDR S&P Region.Banking	Specialty-Financial	8	9.86%	18.09%	7.33%	-4.09%	1.26%	-13.75%
VIS	Vanguard Industrials	industrials Equities	8	10.80%	17.96%	8.15%	-6.56%	2.40%	-8.61%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	8	5.55%	16.58%	29.79%	-20.62%	-0.31%	-48.92%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	7	10.06%	20.91%	14.61%	-16.68%	-1.31%	-20.19%
SDY	SPDR Dividend ETF	Large Value	7	8.44%	12.08%	4.46%	2.04%	5.26%	-0.45%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	7	9.11%	14.71%	3.17%	-0.14%	3.72%	-56.34%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	7	1.07%	-1.24%	2.15%	24.58%	9.49%	-18.53%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	7	9.90%	20.81%	15.07%	-16.33%	-1.16%	-19.09%
XLI	Industrial Select Sector *	Industrial Equities	7	10.35%	16.67%	7.03%	-5.37%	2.29%	-6.53%
ILF	iShares S&P 40 Latin America	Latin America Stock	7	16.43%	13.82%	-10.67%	8.14%	-0.54%	-35.77%
PIN	PowerShares India Portfolio	Emerging Markets Equi	6	6.60%	12.32%	7.86%	-4.60%	0.72%	-51.66%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	8.44%	16.39%	5.53%	-7.58%	1.64%	-9.90%
VBR	Vanguard SmallCap Value	Small Cap Value	6	8.67%	15.75%	3.51%	-3.87%	2.05%	-7.43%
JXI	iShares S&P Global Utilities	Utilities Equities	6	11.41%	11.48%	0.03%	1.44%	4.67%	-2.76%
IYT	Dow Jones Transportation	Transportation Equities	6	10.28%	16.69%	7.34%	-10.73%	-0.34%	-11.84%
IYJ	Dow Jones US Industrial	Industrial Equities	6	8.69%	16.38%	6.63%	-9.65%	0.66%	-47.21%
IYC	iShares US Consumer Services	Consumer Discretionar	6	9.21%	19.37%	12.72%	-17.31%	-2.07%	-74.93%
IWO	Russell 2000 Growth	Small Growth	6	9.54%	18.68%	13.34%	-16.11%	-0.01%	-26.97%
IWN	Russell 2000 Value	Small Value	6	8.59%	15.52%	5.03%	-5.22%	2.00%	-11.02%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	6	8.07%	14.94%	4.15%	-2.48%	2.70%	-5.97%
IJS	S&P SmallCap 600/BARRA Value	Small Value	6	8.65%	14.64%	3.65%	-3.54%	2.09%	-41.82%
IJR	S&P Sm.Cap 600	Small Blend	6	8.08%	15.83%	5.89%	-7.47%	1.64%	-11.93%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	9.00%	18.23%	7.55%	-11.78%	0.84%	-70.73%

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IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	6	8.07%	14.92%	3.78%	-3.17%	2.44%	-38.06%
IJH	S&P MidCap 400	Mid-Cap Blend	6	8.53%	16.52%	5.64%	-7.49%	1.71%	-9.86%
FXO	1st Trust Financials AlphaDEX	Financial Equities	6	8.88%	15.05%	2.83%	-4.34%	0.94%	-8.93%
DJP	Bloomberg Commodity Index	Commodities	6	5.24%	1.12%	-9.28%	26.06%	4.57%	-12.18%
IWM	Russell 2000	Small Blend	6	9.05%	17.13%	8.87%	-10.58%	1.13%	-17.99%
XLK	Technology Select *	Technology Equities	6	8.42%	17.10%	10.25%	-13.24%	0.46%	-14.61%
SPYG	S&P 500 Growth	Large Cap Growth	5	7.99%	16.22%	10.89%	-15.16%	-1.06%	-16.33%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	7.32%	16.93%	8.42%	-11.71%	1.06%	-41.38%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	5	7.79%	11.67%	3.48%	-3.71%	2.36%	-4.21%
IVW	S&P 500/BARRA Growth	Large Growth	5	7.99%	16.16%	10.86%	-15.19%	-1.06%	-16.33%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	5	10.93%	10.07%	-8.64%	8.20%	0.41%	-12.67%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	5	7.92%	13.41%	0.93%	-3.47%	1.24%	-5.26%
XLP	Consumer Staples Select *	Consumer Staples	5	6.11%	7.99%	4.07%	0.06%	3.17%	-4.23%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	7.94%	16.16%	10.81%	-15.20%	-1.09%	-16.36%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	5	6.78%	7.25%	1.92%	3.20%	3.94%	-3.20%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	8.64%	10.05%	3.83%	-2.39%	3.42%	-3.50%
INDA	iShares MSCI India	Emerging Markets Equi	5	6.54%	11.73%	7.08%	-4.04%	0.70%	-13.37%
IYF	Dow Jones US Financial Sector	Specialty-Financial	5	8.65%	14.78%	2.86%	-8.18%	-1.33%	-44.50%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	8.00%	16.34%	10.68%	-14.93%	-0.89%	-16.03%
IWF	Russell 1000 Growth	Large Growth	5	8.20%	15.87%	10.49%	-16.20%	-1.75%	-17.27%
KIE	SPDR S&P Insurance	Specialty-Financial	5	7.66%	10.86%	2.70%	0.67%	2.88%	-56.69%
DVY	iShares Select Dividend Index	Large Cap Value	5	8.35%	10.58%	-1.14%	4.17%	3.64%	-3.36%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	7.47%	11.96%	3.19%	-4.60%	1.45%	-63.30%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	5	5.50%	7.30%	4.19%	3.58%	4.50%	-2.69%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	5	8.08%	16.52%	11.76%	-17.31%	-2.07%	-18.42%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	5	6.16%	8.38%	4.45%	-0.43%	3.10%	-4.46%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	5	5.57%	8.06%	1.42%	5.86%	4.72%	-3.50%
UUP	PowerShares DB US Dollar Bullish	Currency	5	0.81%	3.27%	5.62%	12.17%	7.18%	-0.96%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	10.81%	15.86%	-1.31%	-3.44%	1.75%	-7.84%
VB	Vanguard SmallCap	Small Cap Blend	5	8.35%	16.15%	6.24%	-9.45%	0.68%	-14.50%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	5	7.46%	7.62%	-0.50%	3.94%	3.41%	-2.62%
VGT	Vanguard Info Technology	Technolgy Equities	5	8.27%	17.06%	10.41%	-15.23%	-0.71%	-16.67%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	7.29%	10.33%	-2.54%	1.24%	0.76%	-7.26%
VTI	Total Stock Market VIPERs	All Cap Equities	4	7.39%	13.63%	5.88%	-11.01%	-0.73%	-11.57%
IWP	Russell MidCap Growth	Mid-Cap Growth	4	8.22%	16.58%	10.79%	-19.00%	-2.54%	-24.29%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	4	8.38%	16.77%	8.53%	-17.42%	-1.40%	-21.20%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4	7.87%	14.50%	4.36%	-10.66%	-0.43%	-66.91%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	4	7.12%	15.60%	10.01%	-17.24%	-2.59%	-18.49%
IWV	Russell 3000 Index	All Cap Equities	4	7.47%	13.52%	5.99%	-10.61%	-0.45%	-11.12%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4	7.90%	14.45%	4.85%	-11.54%	-0.75%	-13.72%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	4	7.03%	11.45%	1.28%	-4.29%	0.47%	-6.35%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	7.74%	13.74%	2.65%	-8.99%	-0.41%	-10.49%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	4	7.35%	12.72%	5.66%	-9.85%	-0.23%	-10.40%
IWS	Russell MidCap Value	Mid-Cap Value	4	7.66%	13.33%	1.47%	-6.19%	0.47%	-7.11%

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HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	4	2.80%	7.62%	5.13%	0.86%	4.28%	-4.22%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	4	2.70%	7.84%	5.03%	0.69%	4.44%	-3.05%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	4	6.61%	11.32%	3.50%	-5.34%	1.43%	-6.15%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	4	6.11%	6.52%	-3.22%	5.55%	2.73%	-4.46%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	6.30%	11.03%	4.33%	-6.26%	1.02%	-7.42%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	4	2.35%	5.59%	3.35%	6.06%	4.88%	-0.58%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	4	6.42%	11.52%	3.59%	-4.16%	2.81%	-4.29%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4	6.51%	6.93%	-2.75%	6.24%	3.91%	-3.57%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	7.15%	11.82%	1.43%	-3.33%	1.07%	-5.41%
GSG	iShares GSCI Commodity Index	Commodities.	4	0.86%	-4.73%	-10.52%	30.68%	4.32%	-15.11%
VV	Vanguard LargeCap	Large Cap Blend	4	7.26%	13.16%	5.78%	-11.40%	-0.91%	-11.69%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	5.94%	6.09%	-2.53%	4.91%	2.72%	-3.61%
IWB	Russell 1000 Index	Large Blend	4	7.30%	13.29%	5.79%	-10.65%	-0.56%	-11.21%
XLF	Financial Select Sector *	Financial Equities	4	8.29%	14.36%	1.97%	-8.66%	-2.24%	-13.88%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	4	7.46%	21.67%	7.47%	-22.37%	-2.34%	-22.81%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	4	4.63%	9.91%	6.09%	-3.20%	3.49%	-5.03%
VYM	Vanguard High Div. Yield Index	Large Cap Value	4	6.57%	9.59%	-0.24%	-1.63%	1.23%	-4.11%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	4	7.95%	15.47%	7.13%	-16.33%	-2.87%	-23.50%
RSP	Guggenheim S&P Equal Weight	Large Blend	4	7.28%	13.25%	3.04%	-6.95%	0.43%	-7.77%
VUG	Vanguard Growth	Large Cap Growth	4	8.00%	16.29%	11.36%	-17.82%	-2.36%	-19.03%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	4	7.35%	13.47%	5.86%	-10.89%	-0.63%	-11.43%
IVV	S&P 500	Large Blend	4	7.30%	13.13%	5.65%	-9.84%	-0.18%	-10.38%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	4	7.08%	12.50%	5.53%	-10.87%	-0.51%	-11.32%
VFH	Vanguard Financials	Financials Equities	4	8.52%	14.72%	2.56%	-9.03%	-1.89%	-13.66%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	6.15%	9.34%	4.78%	-5.65%	1.98%	-5.81%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	7.35%	7.97%	-1.51%	3.51%	3.10%	-4.81%
SPY	SPDR S&P 500	Large Cap Blend	4	7.30%	13.18%	5.57%	-9.91%	-0.24%	-10.43%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	4	6.06%	10.14%	5.71%	-4.52%	-0.29%	-15.85%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	4	14.30%	20.55%	6.49%	-26.07%	-5.36%	-26.07%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	7.74%	15.00%	3.91%	-10.49%	-0.68%	-13.67%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	7.94%	16.81%	10.46%	-17.23%	-1.52%	-23.73%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	4	6.87%	11.68%	4.74%	-7.34%	1.13%	-7.58%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	3	7.43%	12.28%	1.79%	-7.78%	0.08%	-8.46%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	3	4.52%	-1.10%	-7.94%	17.22%	0.83%	-14.08%
MOO	VanEck Vectors Agribusiness	Commodity Producers	3	6.85%	9.96%	-4.53%	-2.14%	-1.85%	-13.80%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	3	6.42%	14.47%	5.18%	-15.83%	-3.14%	-20.36%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	3	6.30%	8.46%	-2.68%	1.01%	1.08%	-5.78%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	3	9.81%	8.83%	-10.80%	3.48%	-2.12%	-14.46%
IYW	Dow Jones US Technology	Technology Equities	3	6.72%	14.74%	8.88%	-18.65%	-3.54%	-20.22%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	3	7.13%	14.79%	2.54%	-11.83%	-3.00%	-16.37%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	6.78%	11.19%	1.13%	-5.98%	0.02%	-7.21%
IVE	S&P 500/BARRA Value	Large Value	3	6.58%	10.24%	0.95%	-3.92%	0.62%	-5.39%
VTV	Vanguard Value	Large Cap Value	3	6.42%	9.82%	0.14%	-2.68%	0.70%	-5.06%
IWD	Russell 1000 Value	Large Value	3	6.45%	10.74%	1.35%	-4.63%	0.51%	-6.07%

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VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	3	7.82%	15.67%	9.48%	-19.30%	-3.03%	-22.69%
ECH	iShares Chile Index	Latin America	3	3.84%	7.27%	-12.29%	13.73%	0.27%	-53.25%
SCHD	Schwab US Dividend Equity	All Cap Equities	3	7.38%	9.46%	-0.09%	-3.70%	1.20%	-5.00%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	3	9.54%	16.37%	6.27%	-21.84%	-5.48%	-30.19%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	3	8.71%	15.44%	3.96%	-17.25%	-1.98%	-22.51%
DBC	PowerShares DB Commodity Index	Commodities	3	3.10%	-5.36%	-9.39%	24.98%	4.07%	-14.94%
XRT	SPDR S&P Retail *	Consumer Discretionar	3	10.56%	15.19%	8.24%	-20.57%	-4.58%	-31.14%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	3	7.99%	10.77%	3.63%	-10.79%	-2.02%	-11.65%
ICF	Cohen & Steers Realty	Real Estate	2	7.41%	9.54%	3.86%	-12.32%	-1.25%	-47.04%
VNQ	Vanguard REIT Index	Real Estate	2	6.98%	10.31%	2.97%	-13.30%	-2.35%	-13.30%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	2	5.78%	12.15%	4.05%	-13.44%	-1.95%	-13.88%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	2	3.05%	9.24%	11.33%	-15.53%	-0.45%	-62.18%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	2	6.56%	12.71%	1.53%	-11.52%	-2.21%	-12.36%
IYR	Dow Jones US Real Estate	Real Estate	2	7.19%	10.33%	3.94%	-12.53%	-1.45%	-12.53%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	2	-3.15%	-5.81%	3.05%	14.00%	4.49%	-43.21%
RWR	Wilshire REIT Fund	Real Estate	2	7.39%	10.76%	2.66%	-13.97%	-4.01%	-13.97%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	2	6.44%	14.14%	-0.49%	-13.27%	-6.06%	-22.32%
IGV	iShares North American Tech-Software	Technology Equities	1	5.66%	11.73%	9.93%	-22.06%	-5.68%	-30.59%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	1.43%	3.91%	1.19%	-3.71%	-1.04%	-9.14%
VT	Vanguard Total World Stock Index	Global Equities	1	5.65%	10.09%	1.73%	-12.74%	-3.45%	-14.18%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	1	4.32%	6.30%	1.09%	-7.79%	-1.39%	-7.79%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	5.19%	9.69%	-2.13%	-9.58%	-2.82%	-13.87%
ACWI	iShares MSCI ACWI	Global Equities	1	5.42%	9.84%	1.42%	-13.03%	-3.68%	-14.20%
IYM	Dow Jones US Basic Mat's	Materials	1	8.22%	9.77%	-7.98%	-7.84%	-4.15%	-16.10%
VAW	Vanguard Materials VIPERS	Materials	1	7.50%	11.38%	-4.90%	-9.70%	-2.71%	-10.88%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	1	3.34%	6.66%	-0.08%	-5.40%	-0.31%	-6.99%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	1	3.57%	7.33%	-1.00%	-7.42%	-1.33%	-8.92%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	1	2.51%	5.76%	7.91%	-10.87%	-1.00%	-21.90%
EWC	iShares Canada Index	Foreign Large Cap Equi	1	5.95%	8.83%	-2.84%	-6.38%	-3.34%	-11.51%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	1	3.43%	5.70%	-0.93%	-6.09%	-1.26%	-8.67%
VHT	Vanguard Health Care	Health & Biotech Equiti	0	1.89%	5.12%	2.20%	-7.59%	0.02%	-7.97%
EWA	iShares Australia Index	Asia Pacific Equities	0	5.33%	8.89%	-6.22%	-7.73%	-4.40%	-16.33%
SMH	VanEch Vectors Semiconductor	Technology Equities	0	4.22%	16.58%	2.36%	-21.69%	-5.79%	-23.62%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	0	8.37%	4.96%	-5.46%	-6.30%	-3.97%	-29.87%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	0	9.88%	9.88%	-5.48%	-12.80%	-6.90%	-31.69%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0	1.68%	4.30%	0.55%	-5.91%	0.22%	-7.19%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	0	-1.14%	3.65%	4.02%	-6.35%	-0.82%	-22.84%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	0	3.90%	8.12%	-0.29%	-10.93%	-2.64%	-12.25%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	0	4.73%	8.29%	3.56%	-15.13%	-4.57%	-23.63%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	0	4.38%	17.11%	1.65%	-22.89%	-6.52%	-24.74%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	2.53%	5.86%	2.09%	-9.34%	-2.91%	-11.22%
IYH	Dow Jones US Healthcare	Specialty-Health	0	1.32%	3.97%	0.96%	-7.50%	-0.35%	-7.97%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.38%	0.54%	-0.16%	-0.81%	-0.29%	-1.51%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	0	6.80%	9.50%	2.08%	-19.11%	-6.46%	-24.09%

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	0	2.90%	6.43%	1.43%	-11.89%	-2.66%	-13.75%
ITB	iShares DJ US Home Construction	Building and Constructi	0	3.10%	18.33%	3.61%	-25.33%	-4.66%	-25.43%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	0	3.65%	6.42%	0.11%	-10.94%	-5.34%	-32.42%
XLB	Materials Select Sector *	Materials	0	6.68%	9.67%	-5.52%	-10.99%	-3.51%	-10.99%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	0	6.15%	8.70%	-0.54%	-15.16%	-5.65%	-15.19%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.08%	0.10%	-0.17%	-0.55%	-0.21%	-1.25%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	0.99%	5.10%	0.54%	-12.56%	-2.53%	-15.25%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.10%	-0.12%	-1.05%	-3.50%	-1.57%	-5.14%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-1	3.46%	6.11%	-3.13%	-11.61%	-3.94%	-13.80%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-1	4.51%	6.12%	-2.56%	-11.98%	-3.80%	-14.89%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-1	2.83%	4.55%	0.67%	-10.63%	-3.73%	-12.48%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	0.62%	-0.72%	-2.00%	-2.78%	-1.90%	-5.36%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-1	1.17%	3.66%	-1.46%	-6.59%	-2.20%	-9.17%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	0.39%	0.78%	-0.69%	-5.37%	-2.12%	-7.32%
EWU	iShares United Kingdom Index	Europe Stock	-1	4.07%	5.03%	-6.44%	-6.70%	-4.42%	-18.37%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	1.87%	6.39%	2.13%	-13.28%	-3.11%	-16.44%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	2.20%	6.20%	2.20%	-13.20%	-3.20%	-15.84%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	3.14%	5.90%	-4.97%	-9.11%	-5.60%	-19.57%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-1	0.91%	4.00%	-1.17%	-8.96%	-3.01%	-10.12%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-1	0.01%	2.19%	0.80%	-6.46%	-1.53%	-9.16%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.07%	-0.09%	-0.99%	-3.44%	-1.55%	-5.77%
PPLT	ETFs Physical Platinum Shares	Precious Metals	-1	4.04%	0.20%	-4.06%	-5.84%	-6.27%	-29.12%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	0.35%	1.04%	-0.83%	-5.43%	-2.09%	-7.69%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.04%	0.34%	-1.11%	-4.96%	-2.13%	-7.78%
BNDX	Vanguard Total International Bond	Total Bond Market	-1	0.96%	2.46%	-0.51%	-8.48%	-4.06%	-14.76%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	0.65%	6.21%	6.27%	-17.86%	-3.72%	-29.55%
EWV	iShares Mexico Index	Latin America Stock	-1	5.51%	4.73%	-7.93%	-5.43%	-2.65%	-16.96%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.07%	-0.08%	-1.04%	-3.45%	-1.54%	-4.85%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-1	1.45%	3.32%	-1.21%	-7.07%	-2.59%	-10.34%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-1	2.68%	8.61%	2.04%	-17.25%	-5.29%	-85.33%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	1.22%	3.05%	-1.42%	-6.73%	-2.50%	-12.03%
MUB	iShares S&P National Muni Bond	National Munis	-2	-0.26%	1.29%	-0.64%	-7.82%	-3.06%	-9.11%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-2	1.22%	4.41%	-2.31%	-11.49%	-4.53%	-70.42%
PZA	Pshares Insured National Munis	National Munis	-2	0.29%	2.93%	-0.50%	-11.77%	-4.71%	-13.08%
EWM	iShares Malaysia Index	Emerging Markets Equi	-2	4.08%	4.37%	-5.66%	-9.39%	-6.06%	-37.81%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	0.14%	1.53%	-1.18%	-10.26%	-4.28%	-15.02%
EWJ	iShares Japan Index	Japan Stock	-2	3.81%	7.50%	-2.38%	-15.46%	-6.35%	-23.62%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	1.04%	1.57%	-1.09%	-9.55%	-4.25%	-14.96%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	0.02%	0.89%	-1.10%	-7.78%	-3.29%	-13.48%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-2	0.30%	3.40%	-1.58%	-8.18%	-1.78%	-32.59%
EZA	iShares South Africa Index	Emerging Markets Equi	-2	4.60%	2.16%	-7.43%	-6.34%	-8.55%	-42.80%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-2	0.75%	2.55%	-1.01%	-11.68%	-4.72%	-15.68%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	0.32%	1.83%	-0.85%	-10.11%	-4.05%	-16.00%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	0.02%	0.80%	-1.28%	-7.89%	-3.29%	-12.30%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-2	3.38%	6.17%	-4.51%	-14.97%	-7.02%	-19.07%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-2	0.97%	4.33%	-2.19%	-10.65%	-4.00%	-12.62%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	3.17%	7.14%	-3.58%	-14.02%	-6.57%	-21.70%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-2	-0.10%	0.66%	-1.18%	-7.15%	-2.99%	-10.91%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-2	0.15%	1.48%	-1.20%	-9.97%	-4.15%	-14.14%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-2	0.41%	1.81%	-1.06%	-10.19%	-4.25%	-16.62%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-2	0.09%	0.79%	-1.09%	-6.80%	-2.86%	-10.43%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-3	3.76%	7.84%	-4.54%	-18.32%	-8.28%	-24.16%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-3	3.19%	5.93%	-5.75%	-16.64%	-8.01%	-20.14%
ACWX	iShares MSCI ACWI ex US	Global Equities	-3	2.62%	4.60%	-4.96%	-16.21%	-8.15%	-21.22%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-3	1.92%	1.39%	-0.82%	-13.81%	-7.22%	-26.28%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-3	2.53%	8.97%	-0.64%	-21.61%	-7.95%	-24.12%
VXUS	Vanguard Total International Stock	Global Equities	-3	2.99%	5.07%	-4.09%	-15.59%	-7.61%	-20.50%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-3	0.78%	0.32%	-3.00%	-9.87%	-5.11%	-11.29%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-3	3.39%	6.39%	-4.87%	-15.86%	-7.54%	-19.60%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-3	3.57%	6.74%	-3.59%	-18.12%	-8.22%	-22.76%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-3	-0.33%	0.50%	-1.56%	-10.34%	-4.33%	-15.48%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-3	2.01%	1.74%	-1.29%	-15.02%	-7.79%	-25.60%
EWQ	iShares France Index	Europe Stock	-3	4.38%	6.61%	-5.92%	-17.85%	-7.90%	-21.04%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-3	3.20%	6.15%	-5.49%	-17.03%	-8.06%	-20.81%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-3	4.92%	5.27%	-4.54%	-18.43%	-10.66%	-22.58%
IAU	iShares Gold Trust	Precious Metals	-3	2.30%	-3.66%	-5.09%	-4.02%	-4.66%	-15.25%
IYZ	Down Jones US Telecom	Commun. Equities	-3	1.76%	5.37%	-1.40%	-18.96%	-7.41%	-27.01%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-3	1.58%	-3.63%	-10.64%	0.81%	-4.90%	-13.28%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-3	0.15%	1.33%	-1.21%	-10.36%	-4.42%	-15.10%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-3	3.73%	4.15%	-8.18%	-13.04%	-7.77%	-18.22%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-3	0.16%	2.71%	-1.53%	-14.78%	-6.08%	-18.84%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-3	2.94%	4.94%	-4.07%	-15.36%	-7.53%	-20.54%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-3	0.59%	0.27%	-3.16%	-10.50%	-5.44%	-11.63%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-3	0.52%	1.84%	-1.83%	-12.03%	-5.45%	-14.96%
GLD	SPDR Gold Shares	Precious Metals	-3	2.28%	-3.72%	-5.12%	-4.12%	-4.73%	-15.46%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-3	-1.53%	-1.44%	-3.70%	-6.11%	-1.95%	-7.13%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-3	2.96%	5.35%	-4.44%	-16.22%	-7.96%	-21.32%
DOG	ProShares Short Dow 30	Bear Market	-4	-5.81%	-10.03%	-4.77%	3.38%	-2.87%	-63.39%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-4	3.49%	2.58%	-10.31%	-11.79%	-8.14%	-25.38%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-4	1.95%	2.01%	-7.83%	-11.27%	-7.46%	-19.60%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-4	1.58%	1.86%	-2.69%	-17.20%	-9.24%	-30.21%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-4	3.60%	2.04%	-3.75%	-19.18%	-8.60%	-25.29%
BAB	PowerShares Build America Bond Portfolio	National Munis	-4	0.04%	2.27%	-1.17%	-15.38%	-6.77%	-19.49%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-4	2.82%	2.35%	-5.25%	-16.07%	-9.52%	-30.49%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	3.51%	4.06%	-6.91%	-17.16%	-9.15%	-31.59%
EWH	iShares Hong Kong Index	China Equities	-4	-1.32%	-0.85%	-3.68%	-9.70%	-7.04%	-25.48%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-4	3.19%	6.45%	-5.66%	-20.69%	-9.84%	-26.69%
VOX	Vanguard Telecom Serv's	Communication Equitie	-4	1.80%	7.04%	0.86%	-24.86%	-10.88%	-32.39%

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EWL	iShares Switzerland Index	Europe Stock	-4	1.49%	7.06%	-4.67%	-18.36%	-8.07%	-18.80%
EWP	iShares Spain Index	Europe Stock	-4	5.26%	0.39%	-11.25%	-10.81%	-6.15%	-35.35%
IEV	S&P Europe 350 Index	Europe Stock	-4	2.84%	5.25%	-7.21%	-18.18%	-8.85%	-20.19%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-4	3.22%	2.39%	-3.35%	-18.39%	-8.16%	-23.89%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-4	1.91%	2.18%	-3.10%	-16.97%	-9.15%	-28.45%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-4	3.93%	3.58%	-11.89%	-10.84%	-8.29%	-22.52%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	-6.74%	-11.78%	-6.32%	6.68%	-2.38%	-65.11%
EWN	iShares Netherlands Index	Europe Stock	-5	0.78%	9.26%	-2.75%	-25.49%	-10.67%	-30.42%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-5	5.32%	-0.64%	-9.34%	-13.69%	-10.24%	-25.64%
FXB	CurrencyShares British Pound	Currency	-5	-0.31%	-2.66%	-5.21%	-11.82%	-7.41%	-21.14%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-5	-0.21%	3.26%	-2.31%	-20.98%	-9.43%	-25.96%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-5	-0.58%	-0.51%	-2.31%	-17.68%	-9.54%	-33.31%
PSQ	ProShares Short QQQ	Inverse Equities	-5	-6.94%	-14.02%	-10.75%	12.65%	-2.26%	-78.07%
VGK	Vanguard European	Europe Equities	-5	2.65%	5.06%	-7.14%	-19.39%	-9.54%	-22.08%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-5	6.89%	3.68%	-4.09%	-25.24%	-11.40%	-36.35%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-5	2.81%	3.36%	-6.82%	-17.96%	-9.75%	-26.27%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-5	3.32%	1.69%	-3.77%	-20.67%	-10.85%	-22.03%
FXY	CurrencyShares Japanese Yen Trust	Currency	-5	1.15%	-0.76%	-6.62%	-15.52%	-9.70%	-28.80%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-5	-0.49%	1.50%	-2.48%	-18.44%	-8.95%	-29.76%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-5	4.12%	5.23%	-6.77%	-21.45%	-10.05%	-25.73%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-6	8.79%	16.56%	7.13%	-55.54%	-30.33%	-58.66%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-6	0.74%	-0.60%	-5.29%	-18.36%	-10.15%	-26.61%
BLV	Vanguard Long Term Bond	Long-Term Bond	-6	-0.58%	2.00%	-2.64%	-21.18%	-10.14%	-30.98%
EZU	European Monetary Union Index	Europe Stock	-6	3.29%	4.53%	-8.14%	-22.38%	-10.99%	-26.18%
FXE	CurrencyShares Euro Currency Trust	Currency	-6	-1.20%	-4.28%	-6.08%	-11.85%	-7.52%	-22.61%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-6	7.89%	15.87%	11.88%	-58.19%	-32.20%	-58.95%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-6	2.82%	1.45%	-7.38%	-18.92%	-9.50%	-21.78%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-6	-1.61%	-5.13%	4.24%	-20.08%	-8.96%	-32.67%
EWI	iShares Italy Index	Europe Stock	-7	7.38%	1.76%	-13.83%	-24.20%	-13.56%	-27.85%
TLT	iShares 20+ Treas. Bd	Government Bonds	-7	-1.46%	0.66%	-3.28%	-22.47%	-11.47%	-33.04%
RWM	ProShares Short Russell2000	Inverse Equities	-7	-8.41%	-15.03%	-9.65%	5.89%	-4.75%	-64.98%
EWD	iShares Sweden Index	Europe Stock	-7	1.10%	7.64%	-7.98%	-28.86%	-13.95%	-33.27%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-7	7.27%	13.24%	5.67%	-55.43%	-30.88%	-55.72%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-7	7.40%	13.58%	5.80%	-55.46%	-30.84%	-55.73%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-7	1.38%	4.93%	-9.80%	-22.90%	-13.00%	-37.60%
EWK	iShares Belgium Index	Europe Stock	-7	0.18%	0.12%	-9.84%	-20.18%	-12.07%	-26.54%
HDGE	Ranger Equity Bear	Inverse Equities	-8	-8.52%	-15.54%	-10.69%	4.01%	-4.48%	-77.16%
SLV	iShares Silver Trust	Precious Metals	-8	3.68%	-6.87%	-11.18%	-16.13%	-13.65%	-33.19%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-9	-2.37%	-0.04%	-4.73%	-29.37%	-16.09%	-43.39%
SCHH	Schwab U.S. REIT	Real Estate	-9	7.14%	10.19%	3.10%	-55.87%	-30.90%	-55.87%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-9	2.38%	-1.59%	-11.35%	-23.67%	-12.63%	-28.11%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-9	-1.89%	0.03%	-4.89%	-28.94%	-15.82%	-44.22%
MCHI	iShares MSCI China	China Equities	-10	-7.13%	-10.11%	-2.30%	-22.22%	-13.08%	-49.77%
EWG	iShares Germany Index	Europe Stock	-10	1.56%	0.09%	-13.27%	-28.65%	-16.75%	-35.88%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-11	3.52%	-5.77%	-18.53%	-22.92%	-20.22%	-49.54%
FXI	iShares China 25 Index	China Equities	-11	-8.31%	-10.90%	-4.46%	-19.76%	-13.16%	-46.12%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-13	0.27%	-10.72%	-20.31%	-19.42%	-20.03%	-42.04%
SIL	Global X Silver Miners	Commodity Producers	-14	3.05%	-8.70%	-19.54%	-31.87%	-24.20%	-53.37%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-16	-0.55%	-12.94%	-24.09%	-26.40%	-24.32%	-46.21%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-17	6.34%	-15.68%	-24.26%	-35.75%	-30.45%	-67.98%
RSX	Market Vectors Russia	Emerging Markets Equi	-20	0.00%	0.00%	0.00%	-78.81%	-57.08%	-83.05%