

# HV ETF Master List as of 07/06/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	22	1.87%	21.03%	18.02%	46.75%	24.43%	-5.92%
IYW	Dow Jones US Technology	Technology Equities	20	4.10%	14.25%	16.80%	44.73%	24.36%	-7.93%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	20	1.76%	20.23%	16.61%	42.01%	22.08%	-11.06%
XLK	Technology Select *	Technology Equities	18	4.10%	13.77%	15.04%	38.19%	21.47%	-2.65%
VGT	Vanguard Info Technology	Technolgy Equities	17	3.93%	13.11%	14.44%	36.81%	20.55%	-6.25%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	17	4.05%	12.65%	15.09%	38.00%	20.79%	-9.04%
ITB	iShares DJ US Home Construction	Building and Constructi	16	3.85%	7.41%	16.60%	34.92%	21.28%	-4.31%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	16	4.35%	10.97%	14.22%	36.03%	19.70%	-11.45%
IGV	iShares North American Tech-Software	Technology Equities	16	4.02%	14.30%	12.43%	33.06%	19.25%	-23.76%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	16	5.48%	13.46%	15.30%	30.97%	16.10%	-19.99%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	16	4.09%	11.35%	13.62%	34.07%	19.14%	-55.34%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	15	4.85%	11.54%	13.30%	28.49%	14.49%	-20.87%
VUG	Vanguard Growth	Large Cap Growth	15	4.10%	10.44%	12.64%	31.88%	17.57%	-13.70%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	14	3.72%	11.46%	14.75%	27.55%	16.49%	-2.38%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	14	3.55%	9.19%	16.08%	28.76%	17.36%	-9.97%
IWF	Russell 1000 Growth	Large Growth	13	3.95%	9.82%	11.58%	27.63%	15.94%	-11.66%
IYC	iShares US Consumer Services	Consumer Discretionar	12	4.70%	9.69%	10.28%	23.96%	12.31%	-74.51%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	12	1.99%	9.21%	13.01%	25.50%	5.33%	-21.35%
VOX	Vanguard Telecom Serv's	Communication Equitie	12	2.71%	8.31%	7.63%	29.28%	14.84%	-29.42%
IYT	Dow Jones Transportation	Transportation Equities	11	6.19%	10.41%	10.31%	15.91%	9.83%	-11.59%
IWW	S&P 500/BARRA Growth	Large Growth	10	3.13%	7.64%	7.94%	19.44%	11.55%	-17.62%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	3.38%	7.22%	6.68%	17.16%	10.62%	-8.74%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	2.78%	7.56%	7.86%	19.39%	11.46%	-17.68%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	3.01%	7.54%	7.60%	18.74%	11.14%	-17.38%
SPYG	S&P 500 Growth	Large Cap Growth	9	2.75%	7.54%	7.83%	19.34%	11.43%	-17.71%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8	2.40%	6.65%	6.34%	14.94%	9.20%	-8.06%
IWB	Russell 1000 Index	Large Blend	8	2.76%	6.89%	6.40%	14.76%	9.13%	-9.21%
SPY	SPDR S&P 500	Large Cap Blend	8	2.45%	6.68%	6.33%	14.96%	9.29%	-7.97%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	8	2.43%	6.85%	6.52%	15.04%	9.26%	-54.67%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	8	-2.46%	4.56%	8.15%	20.35%	9.80%	-6.82%
VV	Vanguard LargeCap	Large Cap Blend	8	2.45%	6.78%	6.54%	15.37%	9.44%	-9.37%
IVV	S&P 500	Large Blend	8	2.85%	6.76%	6.42%	15.02%	9.36%	-7.90%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	2.15%	6.80%	6.22%	14.28%	8.70%	-54.96%
PIN	PowerShares India Portfolio	Emerging Markets Equi	7	3.97%	6.57%	9.20%	8.17%	3.35%	-56.37%
VIS	Vanguard Industrials	industrials Equities	7	3.01%	8.12%	7.42%	10.68%	7.98%	-2.58%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	2.53%	6.91%	6.25%	14.28%	8.72%	-9.96%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	3.68%	6.97%	5.47%	12.08%	6.84%	-21.11%
ILF	iShares S&P 40 Latin America	Latin America Stock	7	0.30%	4.50%	5.75%	15.77%	6.78%	-32.91%
IWV	Russell 3000 Index	All Cap Equities	7	2.50%	6.83%	6.20%	14.17%	8.65%	-9.73%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	2.88%	7.12%	4.37%	12.77%	7.18%	-23.73%
VTI	Total Stock Market VIPERs	All Cap Equities	7	2.16%	6.65%	6.16%	14.18%	8.56%	-10.15%

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FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	7	3.81%	6.65%	6.19%	13.27%	7.18%	-16.79%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	2.49%	6.62%	4.61%	13.67%	7.56%	-22.92%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	2.54%	5.91%	5.50%	13.61%	8.32%	-9.55%
IVE	S&P 500/BARRA Value	Large Value	6	2.50%	5.71%	4.74%	10.21%	6.77%	-0.99%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6	2.13%	5.26%	4.01%	13.23%	8.22%	-7.26%
EWZ	iShares Brazil Index	Latin America Stock	6	0.74%	5.75%	6.62%	11.76%	5.97%	-35.43%
EWW	iShares Mexico Index	Latin America Stock	6	-0.85%	-0.87%	2.05%	24.71%	9.50%	-4.15%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	6	0.09%	7.23%	4.96%	9.94%	4.74%	-26.97%
IYJ	Dow Jones US Industrial	Industrial Equities	6	3.39%	7.15%	5.26%	8.66%	6.53%	-45.69%
XLI	Industrial Select Sector *	Industrial Equities	6	3.20%	7.67%	6.01%	7.89%	6.85%	-1.29%
IWO	Russell 2000 Growth	Small Growth	5	-1.47%	5.67%	3.94%	10.07%	4.45%	-29.85%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	5	3.62%	10.09%	11.54%	-3.97%	2.99%	-26.84%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5	0.02%	5.41%	3.57%	11.93%	5.38%	-26.59%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	5	2.35%	5.74%	3.23%	7.00%	4.09%	-67.79%
INDA	iShares MSCI India	Emerging Markets Equi	5	3.20%	5.11%	8.00%	4.41%	5.30%	-14.18%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	5	3.04%	4.87%	6.31%	5.86%	4.49%	-16.56%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5	1.71%	4.91%	3.77%	8.16%	4.64%	-24.52%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	2.57%	6.00%	3.31%	6.91%	4.20%	-16.58%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	5	-2.93%	5.68%	1.70%	14.49%	2.41%	-32.15%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	4	-0.95%	6.18%	2.82%	6.02%	2.36%	-61.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	2.22%	6.12%	2.60%	3.68%	2.65%	-10.71%
VT	Vanguard Total World Stock Index	Global Equities	4	0.27%	2.96%	2.31%	10.86%	5.93%	-12.52%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	1.39%	4.66%	2.61%	6.68%	4.26%	-4.82%
ACWI	iShares MSCI ACWI	Global Equities	4	1.08%	2.78%	2.11%	11.36%	6.20%	-11.85%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	4	1.53%	1.58%	3.71%	7.86%	3.50%	-25.68%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	0.59%	5.87%	2.98%	6.26%	3.31%	-11.40%
IJH	S&P MidCap 400	Mid-Cap Blend	4	0.99%	6.04%	3.16%	6.34%	3.40%	-11.46%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4	1.05%	6.78%	3.45%	4.61%	2.38%	-39.06%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	1.04%	5.37%	3.00%	8.01%	4.42%	-71.30%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	4	4.87%	5.55%	3.66%	1.97%	0.70%	-49.26%
EWJ	iShares Japan Index	Japan Stock	4	-1.22%	1.44%	3.21%	11.63%	6.92%	-18.01%
VB	Vanguard SmallCap	Small Cap Blend	4	-0.08%	6.13%	3.24%	6.35%	2.87%	-18.46%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	1.16%	5.60%	3.46%	6.61%	3.46%	-16.12%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	3	2.37%	5.02%	2.40%	1.88%	1.56%	-10.05%
EWP	iShares Spain Index	Europe Stock	3	1.02%	-0.92%	-3.67%	15.22%	7.22%	-23.12%
IYR	Dow Jones US Real Estate	Real Estate	3	2.50%	3.24%	2.91%	3.20%	1.91%	-25.19%
EWI	iShares Italy Index	Europe Stock	3	1.74%	-1.09%	-2.37%	14.92%	7.21%	-10.18%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	1.18%	4.48%	2.19%	4.43%	3.11%	-7.66%
EWN	iShares Netherlands Index	Europe Stock	3	-0.05%	0.45%	-1.01%	13.18%	5.86%	-21.63%
PKW	PowerShares Buyback Achievers	All Cap Equities	3	1.81%	5.36%	2.82%	3.02%	2.58%	-10.16%
FXB	CurrencyShares British Pound	Currency	3	1.40%	1.81%	1.50%	5.34%	4.63%	-15.89%
IWS	Russell MidCap Value	Mid-Cap Value	3	2.11%	5.12%	2.32%	3.28%	2.00%	-11.98%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	3	1.31%	4.68%	5.67%	-1.41%	1.89%	-9.36%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	1.78%	3.30%	2.64%	5.58%	4.51%	-6.90%

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IWM	Russell 2000	Small Blend	3	-2.02%	5.61%	2.59%	4.83%	1.32%	-24.65%
XRT	SPDR S&P Retail *	Consumer Discretionar	3	1.33%	3.45%	1.72%	4.65%	0.19%	-39.27%
RSP	Guggenheim S&P Equal Weight	Large Blend	3	1.94%	4.69%	1.95%	4.88%	3.02%	-9.77%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	-1.61%	6.42%	2.64%	3.97%	1.32%	-46.26%
RWR	Wilshire REIT Fund	Real Estate	3	0.81%	2.38%	4.16%	4.51%	2.12%	-25.44%
VBR	Vanguard SmallCap Value	Small Cap Value	3	-0.18%	6.75%	3.01%	2.49%	1.05%	-12.37%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	3	1.63%	6.02%	3.36%	-0.92%	0.18%	-10.48%
RPV	Guggenheim S&P 500 Pure Value	Large Value	2	1.11%	7.36%	1.31%	-1.10%	-1.28%	-13.76%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	2	-0.09%	2.12%	1.68%	5.31%	4.41%	-7.58%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	2	0.17%	5.32%	1.22%	1.05%	0.07%	-59.03%
ECH	iShares Chile Index	Latin America	2	0.27%	-2.42%	2.26%	8.56%	6.15%	-47.64%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	1.48%	1.83%	1.71%	3.48%	2.68%	-5.65%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	2	0.87%	6.33%	3.16%	-0.58%	-0.93%	-23.06%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	2	-4.34%	4.58%	-1.87%	11.21%	5.20%	-34.72%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	2	0.55%	4.46%	-0.68%	3.78%	4.13%	-51.59%
ICF	Cohen & Steers Realty	Real Estate	2	2.30%	2.64%	1.78%	2.21%	1.21%	-55.51%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	2	3.61%	-0.81%	-0.34%	4.91%	3.72%	-85.15%
IWD	Russell 1000 Value	Large Value	2	1.38%	3.64%	0.96%	2.84%	2.12%	-8.54%
IJR	S&P Sm.Cap 600	Small Blend	2	-1.76%	5.81%	1.44%	2.95%	0.18%	-19.02%
IYF	Dow Jones US Financial Sector	Specialty-Financial	2	0.49%	5.28%	2.96%	-1.96%	-1.10%	-48.41%
SCHH	Schwab U.S. REIT	Real Estate	2	1.08%	2.08%	1.66%	1.87%	0.75%	-62.71%
XLF	Financial Select Sector *	Financial Equities	2	1.21%	4.71%	3.01%	-1.93%	-0.85%	-19.02%
XLB	Materials Select Sector *	Materials	2	1.10%	3.31%	-1.20%	3.68%	1.52%	-11.11%
UUP	PowerShares DB US Dollar Bullish	Currency	2	0.28%	1.97%	3.45%	2.37%	0.38%	-7.17%
VAW	Vanguard Materials VIPERS	Materials	2	0.81%	3.40%	-1.19%	4.02%	1.53%	-11.25%
VFH	Vanguard Financials	Financials Equities	2	0.46%	6.21%	3.01%	-2.48%	-1.69%	-20.71%
VNQ	Vanguard REIT Index	Real Estate	2	0.91%	2.29%	1.76%	1.75%	0.32%	-27.66%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2	1.18%	5.20%	-0.26%	1.96%	0.48%	-19.14%
KIE	SPDR S&P Insurance	Specialty-Financial	1	1.60%	1.98%	1.47%	-0.66%	0.03%	-56.64%
IYM	Dow Jones US Basic Mat's	Materials	1	1.50%	2.62%	-3.16%	3.81%	0.73%	-15.91%
IWN	Russell 2000 Value	Small Value	1	-2.53%	5.48%	1.06%	-0.61%	-2.05%	-22.08%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1	1.99%	0.48%	-0.53%	2.27%	2.16%	-9.01%
IJS	S&P SmallCap 600/BARRA Value	Small Value	1	-1.91%	5.26%	0.13%	1.83%	-1.04%	-46.33%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	0.84%	2.71%	0.12%	0.55%	0.78%	-10.53%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	1	-3.01%	-1.86%	-1.20%	9.63%	-0.94%	-18.52%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	1	-3.46%	-3.54%	-4.24%	13.29%	3.07%	-5.43%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1	-2.52%	-0.51%	-0.91%	6.26%	2.95%	-20.17%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	1	0.51%	1.51%	-0.19%	0.55%	1.16%	-29.57%
FEZ	SPDR Euro Stoxx 50	Europe Stock	1	-2.68%	-3.63%	-5.05%	13.72%	5.04%	-10.82%
VTV	Vanguard Value	Large Cap Value	1	0.58%	2.72%	0.01%	0.20%	0.96%	-6.73%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	1	0.12%	1.77%	-0.33%	2.38%	2.10%	-7.79%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	1	1.05%	2.43%	0.39%	1.86%	1.84%	-9.15%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.72%	1.01%	-0.10%	2.24%	0.65%	-10.38%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	1	-3.43%	-2.97%	-3.06%	11.59%	-0.64%	-20.39%

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EZU	European Monetary Union Index	Europe Stock	0	-0.90%	-3.84%	-5.18%	11.71%	4.13%	-14.44%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	0	1.43%	-2.07%	-0.43%	1.74%	1.85%	-6.43%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	0	-0.63%	-0.43%	0.61%	0.73%	-0.38%	-27.14%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	0	-0.49%	-0.70%	-1.61%	4.72%	0.49%	-34.42%
FXE	CurrencyShares Euro Currency Trust	Currency	0	1.00%	-0.32%	-1.49%	1.68%	2.45%	-16.61%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.02%	0.28%	0.38%	0.56%	0.37%	-0.94%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	-0.54%	2.78%	-0.58%	-0.98%	-1.00%	-16.24%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	0	-2.65%	5.33%	-0.63%	-0.67%	-2.27%	-66.93%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	0	-1.38%	0.43%	-1.98%	4.07%	1.46%	-30.03%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	0	3.09%	1.57%	-1.77%	-2.75%	-0.40%	-26.76%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	0	-2.60%	-3.66%	-2.60%	9.23%	0.47%	-16.19%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	0	-0.26%	-0.52%	-0.99%	2.14%	1.13%	-38.38%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.75%	-0.28%	-0.89%	0.78%	-0.35%	-11.74%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	-0.19%	-83.14%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	0	-2.56%	-2.60%	-3.33%	7.10%	2.54%	-15.87%
PZA	Pshares Insured National Munis	National Munis	0	-0.38%	-1.01%	-2.45%	2.27%	0.76%	-14.75%
XME	SPDR S&P Metals & Mining	Commodity Producers	0	1.58%	4.65%	-6.97%	-0.52%	-3.05%	-24.75%
BNDX	Vanguard Total International Bond	Total Bond Market	0	-0.68%	-1.59%	-0.94%	1.86%	-0.28%	-18.42%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	0	1.31%	-1.34%	-0.25%	-0.08%	0.47%	-7.66%
SCHF	Schwab International Equity	Foreign Large Cap Equ	0	-2.72%	-2.64%	-3.26%	7.64%	2.67%	-15.11%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	0	-1.83%	-1.39%	-3.00%	5.87%	1.94%	-23.36%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	0	-1.78%	-0.25%	-2.02%	2.45%	0.18%	-29.97%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	-1.60%	0.10%	-1.91%	2.87%	0.72%	-29.01%
EWQ	iShares France Index	Europe Stock	0	-0.57%	-5.37%	-6.62%	11.23%	3.69%	-8.92%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	0	1.15%	2.04%	3.00%	-7.40%	-4.23%	-48.11%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	0	-2.35%	-3.88%	-3.88%	9.98%	3.54%	-19.15%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	-1.84%	-0.15%	-2.45%	2.77%	0.50%	-32.80%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.13%	-0.29%	-0.27%	0.03%	-0.10%	-1.26%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0	1.99%	-2.28%	-0.65%	-0.91%	1.09%	-5.84%
IYZ	Down Jones US Telecom	Commun. Equities	0	1.81%	2.90%	-4.06%	-2.01%	-2.45%	-39.85%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	-1	-0.11%	-2.82%	-2.21%	2.02%	1.04%	-10.47%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-1	-2.87%	7.90%	-1.11%	-8.98%	-7.00%	-23.31%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-1	-0.78%	-1.69%	-1.95%	-0.05%	-0.43%	-26.80%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-1	-2.70%	-2.30%	-3.12%	5.78%	1.87%	-18.75%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-1	-5.63%	-5.03%	-4.46%	10.41%	1.11%	-12.38%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.88%	-1.94%	-1.80%	-0.57%	-0.94%	-7.02%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-1.11%	-2.41%	-2.05%	-0.33%	-0.87%	-9.93%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.85%	-1.95%	-1.79%	-0.61%	-0.95%	-7.81%
VXUS	Vanguard Total International Stock	Global Equities	-1	-2.60%	-2.23%	-3.15%	5.90%	1.98%	-18.86%
SCHD	Schwab US Dividend Equity	All Cap Equities	-1	0.04%	2.90%	-2.44%	-4.77%	-2.46%	-12.20%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.74%	-1.79%	-1.71%	-0.11%	-0.54%	-9.78%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.99%	-2.17%	-1.91%	-0.38%	-0.80%	-9.63%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-1	-1.56%	-2.77%	-3.76%	5.62%	1.79%	-19.07%
IEV	S&P Europe 350 Index	Europe Stock	-1	-1.81%	-5.37%	-6.16%	7.68%	2.11%	-12.54%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	-1.17%	-1.24%	-2.26%	0.58%	-0.95%	-72.13%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	-0.73%	-0.66%	-1.47%	0.07%	-0.76%	-14.80%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-1	-1.75%	-4.16%	-4.47%	6.49%	2.10%	-16.06%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-1.23%	-1.22%	-2.17%	0.20%	-1.01%	-17.07%
ACWX	iShares MSCI ACWI ex US	Global Equities	-1	-1.62%	-2.93%	-3.92%	5.56%	1.69%	-18.79%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	-1.37%	-2.13%	-1.82%	0.41%	-1.16%	-11.17%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	-0.68%	-1.24%	-1.60%	0.12%	-0.22%	-28.21%
DOG	ProShares Short Dow 30	Bear Market	-1	-0.76%	-2.03%	0.52%	-1.56%	-1.92%	-63.32%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-1	-0.81%	-0.57%	-1.46%	0.58%	-0.62%	-13.36%
XLP	Consumer Staples Select *	Consumer Staples	-1	1.64%	-3.11%	-1.63%	-0.16%	0.80%	-7.62%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-1	-2.21%	-2.53%	-4.05%	5.31%	1.49%	-24.82%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-1	1.28%	-1.04%	-1.54%	-1.94%	0.29%	-9.74%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-1	-1.77%	-3.96%	-4.28%	7.21%	2.52%	-14.32%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	-2.67%	2.08%	-3.66%	-1.39%	-4.34%	-27.29%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-1	-1.14%	-3.89%	-4.75%	3.99%	1.17%	-19.91%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.91%	-2.05%	-1.91%	-0.87%	-1.15%	-7.56%
EWC	iShares Canada Index	Foreign Large Cap Equ	-1	-0.18%	-2.46%	-3.97%	4.12%	-0.03%	-16.18%
EWG	iShares Germany Index	Europe Stock	-1	-2.11%	-5.42%	-6.10%	10.76%	2.83%	-24.92%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-1	-1.20%	2.39%	-3.03%	-0.33%	-2.75%	-24.45%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-1	0.38%	1.91%	-3.54%	-1.25%	-1.69%	-32.24%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	-2.44%	1.72%	-4.02%	0.27%	-3.73%	-27.54%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-1	-0.97%	-0.92%	-1.88%	0.88%	-0.09%	-12.20%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-1	-2.56%	-2.21%	-3.50%	5.51%	2.02%	-13.00%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-1	-4.48%	-1.47%	-3.44%	5.39%	1.39%	-25.30%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-1	-0.32%	1.66%	-1.98%	-2.98%	-1.47%	-8.72%
MUB	iShares S&P National Muni Bond	National Munis	-1	-0.36%	-1.32%	-2.13%	0.49%	-0.01%	-10.09%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	-1.74%	-3.66%	-3.46%	-0.48%	-1.72%	-20.11%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-2	-1.84%	1.05%	-2.39%	-4.37%	-3.13%	-12.62%
GSG	iShares GSCI Commodity Index	Commodities.	-2	1.34%	2.82%	-5.92%	-7.25%	-4.06%	-25.25%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-2	0.67%	-0.87%	-4.62%	-2.69%	-1.21%	-17.41%
SDY	SPDR Dividend ETF	Large Value	-2	-1.86%	-0.18%	-2.51%	-3.27%	-2.45%	-8.55%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-2	-0.40%	1.23%	-4.27%	-3.79%	-3.10%	-13.86%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-2	0.93%	1.37%	-4.55%	-6.53%	-5.70%	-27.24%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-2	-1.31%	1.60%	-1.24%	-5.48%	-4.62%	-23.47%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-2	-5.68%	-4.53%	-3.84%	6.58%	-2.45%	-14.00%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-2	-0.85%	-3.14%	-3.23%	-0.63%	-2.35%	-27.35%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-2	0.38%	-1.40%	-3.79%	-3.92%	-1.05%	-8.62%
EWL	iShares Switzerland Index	Europe Stock	-2	-2.22%	-7.08%	-4.92%	7.30%	2.01%	-15.15%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	-1.73%	-3.47%	-3.42%	-0.53%	-1.74%	-20.22%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-2	-3.12%	-4.41%	-4.57%	4.70%	1.40%	-21.14%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-2	-1.31%	-3.07%	-3.74%	0.20%	-1.46%	-24.08%
BAB	PowerShares Build America Bond Portfolio	National Munis	-2	-1.55%	-3.69%	-3.33%	1.48%	-0.96%	-24.68%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	-1.09%	-2.77%	-2.70%	-0.17%	-1.44%	-20.62%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-2	-1.71%	-3.48%	-3.73%	-0.29%	-1.93%	-19.17%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-2	-1.60%	-3.29%	-3.59%	0.06%	-1.35%	-20.18%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	-1.14%	-3.48%	-4.72%	0.42%	-1.99%	-32.69%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-2	-2.40%	-1.07%	-4.35%	1.02%	-0.49%	-35.88%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-2	-1.44%	-3.10%	-2.81%	-0.58%	-1.36%	-13.92%
VGK	Vanguard European	Europe Equities	-2	-3.62%	-4.91%	-5.54%	7.58%	2.07%	-15.52%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-2	-1.80%	-3.54%	-3.99%	-0.49%	-1.92%	-19.06%
VHT	Vanguard Health Care	Health & Biotech Equiti	-2	-0.07%	-1.60%	-3.51%	-3.03%	-0.82%	-10.08%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-2	-1.72%	-3.44%	-3.38%	-0.49%	-1.70%	-19.33%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-2	0.51%	1.60%	-2.98%	-5.77%	-3.15%	-16.13%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-2	-1.60%	-3.40%	-3.34%	-0.42%	-1.62%	-20.05%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	-1.57%	-2.94%	-2.98%	-0.31%	-1.50%	-20.30%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-2	-0.32%	0.63%	-4.49%	-4.43%	-2.43%	-9.37%
IYH	Dow Jones US Healthcare	Specialty-Health	-2	0.60%	-1.46%	-3.71%	-3.02%	-0.53%	-8.86%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-3	-1.60%	0.74%	-4.89%	-7.83%	-5.30%	-15.17%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-3	-2.16%	-4.41%	-3.76%	-1.04%	-2.09%	-18.32%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-3	-6.02%	-6.28%	-6.07%	5.06%	-0.98%	-7.46%
GLD	SPDR Gold Shares	Precious Metals	-3	-2.86%	-5.25%	-6.54%	4.52%	2.00%	-8.55%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-3	-1.46%	-3.89%	-4.27%	-0.98%	-1.14%	-29.38%
TLT	iShares 20+ Treas. Bd	Government Bonds	-3	-2.33%	-5.20%	-6.01%	0.12%	-3.32%	-41.90%
IAU	iShares Gold Trust	Precious Metals	-3	-2.87%	-5.26%	-6.51%	4.60%	2.05%	-8.22%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-3	-2.40%	-5.16%	-4.99%	2.11%	-0.23%	-27.07%
DJP	Bloomberg Commodity Index	Commodities	-3	0.72%	1.26%	-5.52%	-9.11%	-5.19%	-25.63%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-3	-7.26%	-4.99%	2.88%	-1.54%	-1.09%	-53.03%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-3	-0.35%	-4.44%	-3.03%	-2.25%	-2.56%	-36.62%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-3	-2.08%	-4.26%	-4.04%	-0.58%	-1.97%	-21.70%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-3	-2.23%	-4.50%	-3.86%	-1.28%	-2.26%	-17.57%
RWM	ProShares Short Russell2000	Inverse Equities	-3	1.39%	-5.95%	-2.78%	-4.92%	-2.16%	-62.94%
IDU	Dow Jones US Utilities	Utilities Equities	-3	-0.19%	-3.22%	-4.42%	-5.12%	-1.78%	-53.63%
BLV	Vanguard Long Term Bond	Long-Term Bond	-3	-1.95%	-4.51%	-5.29%	0.18%	-2.54%	-38.25%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-3	-2.65%	-5.36%	-4.73%	-1.12%	-2.74%	-23.04%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-3	-2.03%	-4.10%	-3.45%	-0.82%	-1.77%	-15.03%
JXI	iShares S&P Global Utilities	Utilities Equities	-3	-0.40%	-4.39%	-5.09%	-1.13%	0.02%	-11.85%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-3	-1.55%	5.59%	-5.03%	-10.53%	-7.61%	-21.19%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-3	-1.21%	-2.39%	-4.60%	-3.88%	-1.86%	-11.58%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-3	-1.03%	-3.61%	-5.24%	-2.18%	-0.83%	-32.53%
EWD	iShares Sweden Index	Europe Stock	-3	-4.35%	-6.61%	-6.90%	4.83%	-0.50%	-31.38%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-3	-2.35%	-5.09%	-6.93%	0.55%	-4.38%	-53.78%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-3	0.13%	-1.99%	-4.18%	-5.34%	-2.16%	-12.70%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-3	-1.28%	-0.09%	-4.86%	-6.25%	-3.22%	-15.18%
DVY	iShares Select Dividend Index	Large Cap Value	-3	-0.33%	1.05%	-5.14%	-6.39%	-4.27%	-14.57%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-4	-2.95%	-5.99%	-7.27%	0.35%	-4.31%	-53.40%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-4	0.22%	-2.07%	-7.28%	-5.88%	-6.37%	-25.42%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-4	-2.79%	-5.79%	-6.08%	-0.70%	-3.24%	-37.67%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-4	-1.56%	0.95%	-5.77%	-8.34%	-5.55%	-13.50%

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EWA	iShares Australia Index	Asia Pacific Equities	-4	-2.06%	-4.61%	-7.47%	-1.39%	-3.58%	-19.94%
XLU	Utilities Select Sector *	Utilities Equities	-4	-1.36%	-4.05%	-5.45%	-6.57%	-2.80%	-15.68%
IGE	iShares North American Natural Resources	Commodity Producers	-4	-2.15%	0.37%	-7.98%	-7.01%	-5.39%	-16.77%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-4	-2.30%	-3.97%	-4.77%	-3.46%	-2.94%	-38.73%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-4	-2.77%	-3.82%	-6.09%	-4.45%	-3.71%	-63.19%
DBC	PowerShares DB Commodity Index	Commodities	-4	-0.04%	-0.26%	-6.75%	-7.55%	-5.38%	-25.35%
EWU	iShares United Kingdom Index	Europe Stock	-4	-3.03%	-5.98%	-7.31%	2.12%	-0.77%	-17.34%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-4	-1.94%	3.07%	-8.14%	-10.82%	-8.29%	-21.83%
BBH	VanEck Vectors Biotech	Health & Biotech	-4	-2.46%	-3.19%	-7.70%	-3.44%	-3.79%	-30.12%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-4	-2.14%	-0.32%	-6.63%	-7.55%	-5.64%	-13.73%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-4	-4.49%	-2.86%	-5.02%	-2.24%	-2.18%	-18.48%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-4	-1.91%	-2.29%	-4.68%	-5.47%	-3.47%	-11.06%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-5	-4.34%	8.20%	-3.11%	-21.06%	-16.03%	-46.20%
VDE	Vanguard Energy VIPERS	Energy Equities	-5	-2.99%	1.89%	-8.18%	-9.23%	-6.61%	-16.53%
EWK	iShares Belgium Index	Europe Stock	-5	-1.91%	-7.67%	-9.30%	-2.62%	-2.52%	-24.82%
IXC	S&P Global Energy	Energy Equities	-5	-2.45%	-1.60%	-9.57%	-7.13%	-6.10%	-15.00%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-5	-1.77%	-4.05%	-5.67%	-6.79%	-3.19%	-15.62%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-5	-2.77%	-6.08%	-8.55%	-3.97%	-4.47%	-23.87%
XLE	Energy Select Sector *	Energy Equities	-5	-3.29%	0.88%	-9.17%	-9.58%	-6.82%	-15.93%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-5	-2.45%	1.38%	-8.82%	-10.17%	-7.27%	-17.31%
UNG	U.S. Natural Gas Fund	Oil & Gas	-5	9.66%	10.17%	9.83%	-50.07%	-40.06%	-92.03%
KBE	SPDR S&P Bank	Specialty-Financial	-5	-5.98%	10.27%	-3.36%	-21.02%	-16.11%	-40.97%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-6	-1.22%	-7.63%	-11.00%	-4.96%	-6.52%	-42.61%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-6	-5.84%	-7.86%	-9.21%	-0.16%	-3.22%	-30.94%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-6	-3.38%	-6.28%	-7.12%	-6.41%	-5.32%	-37.84%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-6	-2.49%	-6.59%	-9.50%	-4.97%	-4.38%	-28.07%
FXI	iShares China 25 Index	China Equities	-6	-4.28%	-6.80%	-8.50%	-6.01%	-5.09%	-51.17%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-6	-2.24%	-3.04%	-10.41%	-7.23%	-6.61%	-18.96%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-7	-3.73%	-3.28%	-10.91%	-9.66%	-7.51%	-19.74%
MCHI	iShares MSCI China	China Equities	-7	-3.42%	-7.23%	-10.70%	-7.39%	-6.56%	-54.74%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-7	-3.38%	-6.67%	-5.91%	-12.66%	-8.80%	-66.39%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-7	-4.80%	-7.57%	-7.68%	-7.43%	-6.19%	-42.52%
FXY	CurrencyShares Japanese Yen Trust	Currency	-7	-3.58%	-6.70%	-8.01%	-9.17%	-5.31%	-33.21%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-7	-3.43%	-9.22%	-10.62%	-4.25%	-5.29%	-36.11%
EZA	iShares South Africa Index	Emerging Markets Equi	-8	-4.69%	-2.79%	-12.88%	-10.33%	-8.85%	-49.95%
EWH	iShares Hong Kong Index	China Equities	-8	-4.27%	-6.97%	-10.21%	-10.38%	-6.65%	-32.99%
SLV	iShares Silver Trust	Precious Metals	-8	-6.59%	-6.17%	-12.26%	-5.40%	-0.44%	-22.85%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-8	-7.88%	12.31%	-5.93%	-30.90%	-23.50%	-48.48%
EWM	iShares Malaysia Index	Emerging Markets Equi	-9	-1.19%	-9.11%	-11.93%	-13.05%	-9.10%	-45.54%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-9	1.00%	7.20%	3.82%	-47.22%	-35.75%	-54.22%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-10	-7.83%	-13.28%	-18.96%	1.43%	-2.85%	-34.72%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-10	-6.71%	-13.61%	-19.07%	0.90%	-2.86%	-38.94%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-11	-0.50%	-10.92%	-13.88%	-19.51%	-7.12%	-36.80%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-11	-6.10%	-10.87%	-11.78%	-13.74%	-9.69%	-36.24%

<b>Ticker</b>	<b>ETF Name</b>	<b>Orientation</b>	<b>M-Index</b>	<b>4 wk</b>	<b>8 wk</b>	<b>12 wk</b>	<b>YTD</b>	<b>%M/A</b>	<b>DD%</b>
HDGE	Ranger Equity Bear	Inverse Equities	-11	-0.69%	-14.27%	-10.25%	-20.17%	-12.55%	-79.56%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-12	-9.23%	-12.70%	-20.88%	-3.20%	-5.02%	-46.12%
PSQ	ProShares Short QQQ	Inverse Equities	-14	-4.92%	-11.86%	-13.37%	-27.79%	-18.58%	-80.89%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-14	-10.32%	-17.06%	-13.61%	-15.54%	-9.21%	-29.79%
SIL	Global X Silver Miners	Commodity Producers	-15	-9.57%	-13.86%	-24.02%	-11.08%	-11.21%	-53.26%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-17	-13.48%	-13.45%	-25.43%	-16.34%	-5.78%	-61.59%