

# HV ETF Master List as of 12/08/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	39	7.66%	32.38%	37.88%	76.91%	44.27%	-30.24%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	22	11.79%	47.73%	41.23%	-14.02%	10.21%	-57.14%
XLE	Energy Select Sector *	Energy Equities	13	-6.36%	1.62%	5.73%	52.68%	5.68%	-9.93%
IYE	Dow Jones US Energy	Specialty-Natural Res.	12	-6.72%	0.96%	3.32%	50.90%	5.65%	-10.06%
SLV	iShares Silver Trust	Precious Metals	12	6.21%	21.97%	20.31%	-1.39%	8.52%	-21.44%
XME	SPDR S&P Metals & Mining	Commodity Producers	12	3.71%	13.60%	14.57%	17.49%	3.05%	-20.11%
VDE	Vanguard Energy VIPERS	Energy Equities	12	-7.18%	0.58%	3.92%	51.89%	4.99%	-10.62%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	11	4.25%	23.88%	23.88%	-8.18%	-0.35%	-33.95%
IXC	S&P Global Energy	Energy Equities	11	-4.37%	3.50%	5.56%	40.82%	4.71%	-9.06%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	9	4.57%	23.40%	23.36%	-13.74%	-0.25%	-43.53%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	9	-1.34%	16.03%	11.40%	8.04%	7.45%	-53.69%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	8	4.59%	22.89%	22.09%	-16.39%	-3.01%	-38.89%
EWV	iShares Mexico Index	Latin America Stock	8	-1.05%	14.86%	13.79%	3.89%	7.27%	-8.76%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	5.65%	25.16%	17.38%	-14.62%	9.02%	-19.27%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	8	1.78%	11.74%	10.55%	9.17%	3.87%	-9.76%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	8	1.97%	10.64%	7.41%	11.62%	2.92%	-9.91%
EWN	iShares Netherlands Index	Europe Stock	7	6.42%	27.32%	15.40%	-22.42%	6.58%	-27.56%
EWP	iShares Spain Index	Europe Stock	7	5.60%	21.12%	8.67%	-7.42%	4.09%	-32.89%
FXN	1st Trust Energy AlphaDEX	Energy Equities	7	-9.05%	-3.28%	-3.45%	43.29%	2.38%	-11.96%
EWU	iShares United Kingdom Index	Europe Stock	7	5.91%	17.46%	10.43%	-4.80%	3.56%	-16.71%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	7	4.33%	11.77%	8.39%	4.02%	5.25%	-2.43%
ECH	iShares Chile Index	Latin America	7	-1.53%	13.11%	0.26%	17.37%	2.17%	-51.75%
EWI	iShares Italy Index	Europe Stock	7	2.80%	25.05%	15.30%	-16.15%	7.52%	-20.19%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	7	-10.67%	-5.99%	-2.38%	48.58%	1.80%	-14.11%
EWH	iShares Hong Kong Index	China Equities	7	14.93%	15.43%	6.16%	-9.36%	1.69%	-25.20%
EWQ	iShares France Index	Europe Stock	7	4.66%	21.21%	14.07%	-13.27%	6.94%	-16.64%
IGE	iShares North American Natural Resources	Commodity Producers	7	-5.47%	3.35%	3.43%	27.35%	1.52%	-11.75%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	6	3.70%	12.05%	9.36%	-0.79%	6.94%	-2.14%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	6	4.53%	16.76%	9.51%	-8.35%	2.88%	-22.48%
IYM	Dow Jones US Basic Mat's	Materials	6	2.04%	15.55%	11.45%	-6.67%	1.68%	-15.04%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	6	3.78%	12.83%	9.68%	-3.55%	5.74%	-29.20%
EZA	iShares South Africa Index	Emerging Markets Equit	6	1.50%	18.32%	11.25%	-5.37%	-0.65%	-42.21%
PSQ	ProShares Short QQQ	Inverse Equities	6	-0.36%	-6.15%	1.17%	28.16%	3.12%	-75.04%
MCHI	iShares MSCI China	China Equities	6	18.93%	21.29%	4.12%	-21.84%	1.00%	-49.52%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	6	2.38%	8.76%	6.83%	4.85%	3.31%	-4.43%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	6	4.26%	9.80%	7.72%	3.38%	4.56%	-2.87%
EZU	European Monetary Union Index	Europe Stock	6	4.88%	23.21%	14.38%	-17.57%	6.19%	-21.60%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	6	2.79%	15.55%	6.83%	-3.09%	3.89%	-27.46%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	6.88%	15.67%	7.95%	-7.89%	1.85%	-18.49%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	6	2.03%	13.92%	10.75%	-3.92%	9.95%	-15.81%
EWA	iShares Australia Index	Asia Pacific Equities	5	3.90%	15.48%	8.36%	-6.56%	1.55%	-15.27%

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FXI	iShares China 25 Index	China Equities	5	19.46%	18.78%	2.39%	-20.45%	-1.10%	-46.58%
VAW	Vanguard Materials VIPERS	Materials	5	2.14%	15.29%	10.02%	-9.25%	2.98%	-10.44%
EWK	iShares Belgium Index	Europe Stock	5	6.71%	20.96%	10.72%	-17.32%	1.47%	-23.91%
SDY	SPDR Dividend ETF	Large Value	5	1.26%	11.67%	5.89%	-0.15%	4.16%	-2.58%
KIE	SPDR S&P Insurance	Specialty-Financial	5	0.31%	7.84%	7.53%	2.95%	5.84%	-55.71%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	0.76%	6.24%	4.22%	8.11%	5.19%	-2.64%
VGK	Vanguard European	Europe Equities	5	4.21%	20.39%	11.16%	-16.93%	3.37%	-19.70%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	5	3.39%	10.97%	7.37%	-1.43%	3.83%	-5.42%
SIL	Global X Silver Miners	Commodity Producers	5	3.65%	17.44%	21.23%	-21.07%	0.97%	-45.98%
EWG	iShares Germany Index	Europe Stock	5	4.68%	24.08%	15.51%	-22.97%	4.40%	-30.78%
XLP	Consumer Staples Select *	Consumer Staples	5	3.91%	11.21%	7.48%	-0.82%	3.95%	-5.08%
IEV	S&P Europe 350 Index	Europe Stock	5	4.45%	19.78%	11.73%	-15.06%	4.14%	-17.14%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	0.75%	9.44%	4.91%	4.42%	2.22%	-4.07%
PPLT	ETFs Physical Platinum Shares	Precious Metals	5	-3.47%	10.84%	10.54%	3.38%	6.57%	-22.18%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	5	0.76%	9.41%	5.87%	5.95%	2.85%	-4.10%
BBH	VanEck Vectors Biotech	Health & Biotech	5	1.85%	14.11%	13.70%	-11.37%	10.01%	-23.98%
XLB	Materials Select Sector *	Materials	5	1.88%	15.92%	10.42%	-9.73%	3.30%	-9.73%
XLI	Industrial Select Sector *	Industrial Equities	5	0.30%	15.29%	9.64%	-5.59%	6.21%	-6.75%
IYH	Dow Jones US Healthcare	Specialty-Health	5	3.70%	11.66%	8.65%	-3.23%	6.27%	-3.71%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	5	6.64%	19.63%	6.64%	-12.44%	-1.37%	-23.91%
VYM	Vanguard High Div. Yield Index	Large Cap Value	4	0.40%	11.55%	6.84%	-1.47%	3.72%	-3.96%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	4	1.46%	12.58%	7.39%	-5.23%	3.86%	-5.72%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	1.86%	11.32%	5.34%	-2.03%	0.84%	-8.62%
VTV	Vanguard Value	Large Cap Value	4	0.61%	11.48%	6.39%	-2.78%	3.30%	-5.16%
IAU	iShares Gold Trust	Precious Metals	4	1.83%	7.51%	7.47%	-2.50%	-0.28%	-13.90%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	4	-19.91%	-18.76%	-5.40%	61.75%	-0.58%	-35.96%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4	0.16%	8.12%	3.74%	3.77%	1.27%	-5.82%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	4	2.10%	8.71%	8.17%	-1.57%	5.27%	-4.41%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	4	1.00%	11.82%	7.10%	-5.88%	4.04%	-7.41%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	4	4.19%	17.60%	10.04%	-15.01%	2.93%	-18.58%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	4	4.03%	17.43%	9.45%	-15.89%	2.52%	-19.72%
EWM	iShares Malaysia Index	Emerging Markets Equit	4	5.09%	14.29%	5.23%	-9.23%	-0.19%	-37.70%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	4	3.13%	16.20%	7.54%	-11.76%	1.59%	-17.01%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	0.36%	12.61%	9.05%	-6.84%	4.45%	-7.99%
VHT	Vanguard Health Care	Health & Biotech Equiti	4	3.40%	11.15%	7.59%	-4.32%	5.79%	-4.71%
GLD	SPDR Gold Shares	Precious Metals	4	1.83%	7.46%	7.41%	-2.63%	-0.33%	-14.14%
RPV	Guggenheim S&P 500 Pure Value	Large Value	3	-0.51%	8.44%	4.15%	-0.93%	0.73%	-9.25%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	3	0.29%	8.45%	3.59%	-0.05%	0.63%	-6.36%
SCHD	Schwab US Dividend Equity	All Cap Equities	3	-0.30%	10.65%	7.44%	-5.37%	2.50%	-6.65%
RWM	ProShares Short Russell2000	Inverse Equities	3	2.71%	-5.61%	-0.87%	14.52%	-0.86%	-62.13%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	1.74%	12.46%	6.61%	-9.18%	3.59%	-9.42%
IDU	Dow Jones US Utilities	Utilities Equities	3	3.22%	12.21%	-4.63%	-0.75%	0.28%	-50.43%
IVE	S&P 500/BARRA Value	Large Value	3	0.73%	11.31%	5.36%	-5.32%	2.46%	-6.77%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	3	1.73%	11.93%	9.54%	-10.96%	9.82%	-60.13%

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HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	3	1.60%	15.98%	10.87%	-14.84%	4.03%	-17.84%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	3	1.42%	12.34%	8.96%	-9.74%	3.83%	-11.97%
VPU	Vanguard Utilities VIPERS	Utilities Equities	3	3.22%	12.84%	-4.45%	-0.81%	-0.05%	-8.42%
XLU	Utilities Select Sector *	Utilities Equities	3	3.41%	12.91%	-4.75%	-0.53%	-0.19%	-8.86%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	3	0.95%	11.70%	5.70%	-7.95%	2.71%	-8.74%
VIS	Vanguard Industrials	industrials Equities	3	-0.18%	13.78%	7.84%	-7.95%	5.38%	-9.97%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	3	3.40%	8.89%	4.51%	-6.08%	0.69%	-7.10%
DVY	iShares Select Dividend Index	Large Cap Value	3	0.59%	10.59%	2.55%	-0.07%	0.75%	-7.30%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	3.09%	16.49%	8.06%	-15.73%	1.51%	-19.46%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	3	2.06%	11.49%	-3.15%	3.30%	1.53%	-6.45%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	3	0.61%	10.83%	2.67%	-1.66%	-0.53%	-9.57%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	3	3.08%	11.31%	3.61%	-5.38%	2.42%	-6.45%
JXI	iShares S&P Global Utilities	Utilities Equities	3	3.54%	15.60%	-1.08%	-5.16%	-0.02%	-9.08%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	3	6.83%	17.85%	4.21%	-15.49%	0.11%	-33.80%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	3	5.08%	13.42%	4.68%	-11.08%	2.06%	-32.53%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	3	2.63%	10.81%	5.11%	-8.03%	2.71%	-8.19%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	3	4.04%	18.06%	10.18%	-21.51%	3.02%	-24.02%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	4.08%	15.50%	7.24%	-16.12%	1.11%	-21.14%
PKW	PowerShares Buyback Achievers	All Cap Equities	2	-0.89%	10.43%	7.74%	-9.80%	3.72%	-11.28%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	3.84%	15.24%	6.66%	-16.52%	0.85%	-21.59%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	2	1.27%	7.75%	1.88%	-4.11%	3.24%	-5.92%
FXB	CurrencyShares British Pound	Currency	2	4.36%	8.11%	6.53%	-9.70%	0.94%	-19.24%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	2	8.61%	15.84%	3.64%	-19.15%	-0.42%	-34.50%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	2	-0.11%	9.74%	4.16%	-7.60%	0.93%	-9.59%
FXE	CurrencyShares Euro Currency Trust	Currency	2	3.56%	8.01%	5.58%	-7.90%	1.79%	-19.15%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	2	-0.65%	9.78%	4.34%	-5.41%	2.76%	-8.79%
IYJ	Dow Jones US Industrial	Industrial Equities	2	0.40%	13.46%	6.85%	-12.60%	3.45%	-48.94%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	3.04%	10.15%	5.18%	-11.85%	2.85%	-14.57%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	0.97%	-0.32%	1.67%	6.61%	-2.38%	-36.68%
HDGE	Ranger Equity Bear	Inverse Equities	2	1.31%	-6.89%	0.00%	12.98%	-1.15%	-75.19%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	2	-0.39%	5.11%	3.04%	0.44%	3.86%	-3.29%
EWD	iShares Sweden Index	Europe Stock	2	1.97%	21.93%	12.86%	-27.28%	1.96%	-31.79%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	2	-10.24%	-9.38%	-1.93%	29.96%	1.09%	-15.77%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2	3.99%	15.22%	6.24%	-15.88%	0.82%	-21.03%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	2	-0.02%	10.74%	3.20%	-7.37%	0.96%	-9.09%
SMH	VanEch Vectors Semiconductor	Technology Equities	2	3.76%	22.65%	9.27%	-28.16%	-0.48%	-29.93%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	2	-0.09%	10.31%	4.41%	-8.49%	1.49%	-9.69%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	3.18%	13.44%	6.23%	-15.63%	0.14%	-23.16%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	2	2.50%	9.88%	4.28%	-9.52%	1.18%	-9.52%
SCHF	Schwab International Equity	Foreign Large Cap Equi	2	1.46%	14.42%	6.69%	-15.90%	0.32%	-19.96%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	2	0.35%	10.69%	4.31%	-6.50%	2.91%	-6.63%
VXUS	Vanguard Total International Stock	Global Equities	2	3.83%	15.01%	5.97%	-16.45%	0.41%	-21.32%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	-0.29%	11.23%	4.37%	-13.21%	-0.48%	-17.33%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	1	5.73%	13.10%	2.99%	-19.59%	-1.55%	-32.23%

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EDV	Vanguard Extended Duration Treasury	Government Bonds	1	17.54%	15.20%	2.29%	-32.24%	-3.24%	-46.81%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	9.69%	12.35%	3.81%	-23.31%	-0.42%	-28.14%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	1	-1.47%	8.80%	4.94%	-10.07%	0.17%	-65.41%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	1	-1.65%	6.61%	2.00%	-4.76%	1.15%	-58.36%
ITB	iShares DJ US Home Construction	Building and Constructi	1	1.77%	13.61%	13.87%	-26.33%	5.83%	-26.43%
IJS	S&P SmallCap 600/BARRA Value	Small Value	1	-2.05%	8.63%	4.96%	-9.46%	0.21%	-45.39%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	1	-0.98%	7.08%	1.23%	-4.14%	3.50%	-15.52%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	1	2.71%	14.78%	1.46%	-16.10%	-4.73%	-23.98%
IWD	Russell 1000 Value	Large Value	1	0.13%	10.04%	3.51%	-7.88%	0.97%	-9.27%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	1	-0.74%	9.91%	3.57%	-6.79%	2.02%	-40.37%
RSP	Guggenheim S&P Equal Weight	Large Blend	1	0.32%	10.72%	3.57%	-10.81%	1.10%	-11.60%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	1	-3.86%	-2.92%	-2.15%	12.27%	-6.10%	-17.71%
SH	Short S&P 500 ProShares ETF	Inverse Equities	1	-0.06%	-7.72%	-2.14%	14.17%	-0.24%	-62.67%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	1	19.16%	15.12%	1.65%	-33.29%	-3.81%	-46.53%
MOO	VanEck Vectors Agribusiness	Commodity Producers	1	-0.08%	6.20%	1.62%	-5.44%	-2.60%	-16.71%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1	2.49%	15.54%	6.44%	-22.38%	-0.93%	-28.26%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	1	-0.21%	9.73%	3.95%	-10.68%	1.50%	-11.35%
EWJ	iShares Japan Index	Japan Stock	1	2.26%	12.04%	6.62%	-17.73%	0.34%	-25.67%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	1	-0.66%	9.37%	4.10%	-6.96%	0.78%	-8.96%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	0	2.56%	18.12%	6.72%	-26.24%	-3.55%	-30.53%
PIN	PowerShares India Portfolio	Emerging Markets Equit	0	-0.47%	6.66%	0.04%	-5.46%	3.23%	-52.09%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	0	2.57%	11.74%	5.36%	-18.86%	2.19%	-23.23%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	0	6.13%	11.94%	0.82%	-18.10%	-1.79%	-28.29%
DJP	Bloomberg Commodity Index	Commodities	0	-4.20%	-3.90%	-5.60%	15.16%	-8.77%	-19.78%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	0	6.35%	15.83%	3.45%	-25.63%	-4.14%	-26.90%
EWL	iShares Switzerland Index	Europe Stock	0	1.43%	14.23%	5.13%	-19.15%	-0.57%	-19.60%
EWZ	iShares Brazil Index	Latin America Stock	0	1.22%	-5.10%	-1.19%	6.77%	-5.59%	-38.09%
VBR	Vanguard SmallCap Value	Small Cap Value	0	-1.38%	8.31%	3.11%	-8.62%	0.92%	-12.00%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	0	5.23%	12.70%	2.72%	-19.33%	-1.65%	-30.48%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	0	3.01%	21.28%	7.37%	-30.30%	-2.12%	-31.97%
XLF	Financial Select Sector *	Financial Equities	0	-2.70%	9.77%	3.78%	-11.34%	1.29%	-16.42%
IJH	S&P MidCap 400	Mid-Cap Blend	0	-0.70%	8.71%	3.20%	-11.94%	1.61%	-14.20%
BLV	Vanguard Long Term Bond	Long-Term Bond	0	9.67%	10.79%	2.35%	-24.30%	-1.84%	-33.71%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.04%	0.20%	-0.34%	-1.08%	-0.22%	-1.78%
ACWI	iShares MSCI ACWI	Global Equities	0	1.72%	10.71%	3.55%	-17.04%	-0.57%	-18.16%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	3.97%	10.47%	4.68%	-19.35%	-1.49%	-27.50%
VT	Vanguard Total World Stock Index	Global Equities	0	1.61%	10.78%	3.00%	-17.14%	-0.76%	-18.50%
INDA	iShares MSCI India	Emerging Markets Equit	0	-1.50%	6.22%	-0.60%	-5.43%	2.45%	-14.63%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	0	5.38%	15.49%	4.81%	-26.45%	0.38%	-37.38%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	5.17%	8.22%	2.17%	-17.24%	-0.73%	-21.18%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	0	0.00%	9.40%	4.62%	-15.34%	0.25%	-16.14%
MDY	MidCap Trust Series I	Mid-Cap Blend	0	-0.71%	8.65%	3.35%	-11.90%	1.68%	-14.11%
FXO	1st Trust Financials AlphaDEX	Financial Equities	0	-3.17%	8.54%	2.11%	-8.84%	1.21%	-13.21%
IWS	Russell MidCap Value	Mid-Cap Value	0	-0.43%	9.38%	1.51%	-11.51%	-0.53%	-12.37%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXV	CurrencyShares Japanese Yen Trust	Currency	0	3.25%	7.58%	4.73%	-16.25%	-1.88%	-29.41%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.03%	0.12%	0.03%	-0.60%	-0.01%	-1.30%
MUB	iShares S&P National Muni Bond	National Munis	0	2.61%	3.15%	1.72%	-8.45%	0.23%	-9.74%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	0	1.86%	14.13%	3.42%	-20.89%	-1.72%	-25.38%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	-1	9.51%	9.37%	-0.86%	-23.59%	-5.40%	-27.48%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	2.90%	4.41%	0.49%	-12.89%	-1.62%	-16.93%
EWC	iShares Canada Index	Foreign Large Cap Equi	-1	-1.73%	9.23%	0.32%	-11.29%	-3.42%	-16.16%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	3.81%	10.61%	2.41%	-20.50%	-0.53%	-26.51%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	1.13%	2.56%	0.14%	-9.62%	-1.59%	-13.28%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-1	-1.30%	17.38%	6.80%	-26.00%	-4.48%	-40.12%
FV	First Trust VL Dividend	Large Cap Value Equiti	-1	-3.89%	3.38%	3.36%	-5.55%	1.48%	-9.86%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-1	0.46%	8.44%	2.37%	-16.95%	-0.88%	-17.37%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	2.94%	4.44%	0.48%	-13.17%	-1.63%	-17.76%
BNDX	Vanguard Total International Bond	Total Bond Market	-1	1.38%	4.28%	0.96%	-10.68%	-1.09%	-16.80%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	0.60%	1.52%	-0.09%	-6.51%	-1.10%	-9.28%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-1	4.46%	9.86%	-0.55%	-16.14%	-4.14%	-27.74%
DBC	PowerShares DB Commodity Index	Commodities	-1	-6.90%	-6.97%	-4.33%	14.97%	-9.47%	-21.75%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-1	0.20%	3.02%	1.11%	-8.82%	-1.09%	-11.34%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	1.11%	2.48%	0.11%	-9.02%	-1.43%	-12.56%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	0.84%	1.84%	-0.12%	-6.95%	-0.95%	-8.87%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	-2.65%	-6.45%	-3.74%	10.42%	-0.12%	-7.73%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-1	-3.24%	9.03%	2.79%	-11.70%	1.04%	-46.63%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	0.17%	0.68%	-0.24%	-4.73%	-1.07%	-7.04%
VFH	Vanguard Financials	Financials Equities	-1	-3.62%	8.53%	2.52%	-12.76%	0.62%	-17.20%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-1	1.23%	4.77%	2.24%	-10.66%	-0.22%	-11.79%
PZA	Pshares Insured National Munis	National Munis	-1	4.70%	4.42%	2.32%	-13.80%	-0.45%	-15.08%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	0.79%	2.22%	0.03%	-7.06%	-0.87%	-9.29%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-1	-0.33%	9.25%	1.40%	-16.08%	-0.32%	-68.91%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	2.94%	5.68%	1.15%	-14.58%	-1.29%	-18.45%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	-1	0.34%	8.22%	6.11%	-17.93%	2.57%	-22.98%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	0.17%	0.65%	-0.31%	-4.90%	-1.18%	-6.51%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	-1	3.84%	9.96%	2.39%	-19.53%	-0.33%	-24.95%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	2.95%	4.53%	0.58%	-13.15%	-1.61%	-17.76%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	0.12%	0.59%	-0.33%	-4.89%	-1.20%	-6.27%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	0.32%	3.40%	1.25%	-8.65%	-0.93%	-13.85%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-1	0.41%	3.24%	0.82%	-9.50%	-1.27%	-12.69%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1	11.11%	9.84%	1.11%	-26.33%	-3.23%	-36.37%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-1	1.07%	10.88%	4.07%	-18.88%	-0.66%	-19.29%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-1	0.50%	4.29%	-0.72%	-7.76%	0.12%	-24.00%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-1	4.00%	9.75%	2.23%	-19.13%	0.46%	-85.67%
IJR	S&P Sm.Cap 600	Small Blend	-1	-1.96%	7.67%	3.97%	-14.09%	-0.21%	-18.23%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-2	-1.24%	1.42%	-0.48%	-6.02%	-1.12%	-11.32%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-2	1.15%	4.60%	1.47%	-13.76%	-1.76%	-15.66%
IWB	Russell 1000 Index	Large Blend	-2	0.15%	7.94%	0.87%	-17.61%	-1.77%	-18.13%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VTI	Total Stock Market VIPERs	All Cap Equities	-2	0.11%	7.95%	0.99%	-17.84%	-1.65%	-18.36%
VV	Vanguard LargeCap	Large Cap Blend	-2	0.25%	8.04%	1.07%	-18.28%	-1.82%	-18.55%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-2	-0.54%	13.23%	2.53%	-22.84%	-3.70%	-28.36%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-2	-1.85%	-2.58%	-4.28%	-0.46%	-5.90%	-14.37%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	-2	0.33%	0.93%	-2.48%	-6.67%	-3.42%	-9.15%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-2	2.12%	14.63%	0.78%	-24.07%	-6.60%	-37.30%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	1.38%	2.80%	0.05%	-10.62%	-1.79%	-16.15%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	-2	3.60%	8.86%	-0.66%	-18.30%	-3.44%	-30.12%
IVV	S&P 500	Large Blend	-2	0.40%	8.28%	1.50%	-16.57%	-1.41%	-17.07%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-2	0.00%	7.87%	0.85%	-17.92%	-1.82%	-18.41%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	2.54%	3.98%	-0.02%	-14.28%	-2.43%	-19.89%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	1.40%	2.75%	-0.02%	-10.88%	-1.95%	-15.15%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-2	-0.79%	7.44%	2.83%	-17.00%	1.11%	-72.46%
SPY	SPDR S&P 500	Large Cap Blend	-2	0.39%	8.27%	1.57%	-16.57%	-1.37%	-17.05%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2	7.42%	7.98%	1.07%	-22.59%	-3.11%	-33.34%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-2	2.18%	14.46%	-0.14%	-25.86%	-7.88%	-33.36%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-2	2.30%	4.31%	0.57%	-13.31%	-1.69%	-19.51%
BAB	PowerShares Build America Bond Portfolio	National Munis	-2	5.18%	4.64%	0.08%	-19.30%	-2.53%	-23.21%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-2	0.41%	8.32%	1.53%	-16.58%	-1.42%	-17.09%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	2.51%	3.24%	0.09%	-12.89%	-1.83%	-17.88%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-2	-0.22%	9.77%	1.23%	-17.29%	-0.60%	-19.33%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	3.30%	12.51%	-0.38%	-22.34%	-6.15%	-35.68%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-2	1.08%	4.27%	0.81%	-15.43%	-2.67%	-71.73%
IWV	Russell 3000 Index	All Cap Equities	-2	0.04%	7.83%	0.86%	-17.60%	-1.70%	-18.08%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	3.02%	4.25%	-0.38%	-15.73%	-2.82%	-18.54%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-2	7.91%	8.48%	-0.58%	-25.68%	-4.04%	-37.39%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	3.06%	3.37%	-0.39%	-13.16%	-2.41%	-18.35%
IWN	Russell 2000 Value	Small Value	-2	-2.62%	6.71%	1.01%	-13.10%	-1.62%	-18.42%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-3	-1.81%	6.45%	2.97%	-18.95%	-0.68%	-46.19%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-3	-4.11%	9.56%	1.33%	-16.95%	-0.53%	-21.23%
XRT	SPDR S&P Retail *	Consumer Discretionary	-3	2.20%	10.54%	3.25%	-27.49%	-0.68%	-37.14%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bond	-3	1.81%	2.95%	-1.69%	-14.96%	-4.84%	-16.29%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	-3	2.17%	3.66%	-0.63%	-15.27%	-4.53%	-16.35%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-3	-1.32%	7.53%	-0.03%	-16.35%	-1.16%	-19.32%
GSG	iShares GSCI Commodity Index	Commodities.	-3	-9.76%	-10.82%	-7.24%	16.13%	-12.95%	-24.56%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-3	-0.27%	8.91%	6.53%	-27.90%	2.06%	-28.31%
IYT	Dow Jones Transportation	Transportation Equities	-3	-0.89%	9.71%	-1.34%	-19.60%	-2.79%	-20.60%
VB	Vanguard SmallCap	Small Cap Blend	-3	-1.47%	6.85%	0.24%	-16.18%	-0.95%	-20.86%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-3	0.65%	3.77%	-2.35%	-16.04%	-3.52%	-17.78%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-3	-1.05%	2.23%	-1.14%	-13.16%	-1.97%	-14.96%
XLK	Technology Select *	Technology Equities	-3	0.63%	9.60%	1.77%	-24.24%	-3.53%	-25.43%
VGT	Vanguard Info Technology	Technolgy Equities	-4	0.49%	8.98%	0.66%	-26.35%	-4.33%	-27.60%
IWM	Russell 2000	Small Blend	-4	-2.45%	5.51%	-0.43%	-18.71%	-1.70%	-25.45%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-4	0.47%	3.64%	-2.08%	-19.77%	-3.34%	-22.68%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-3.89%	-15.07%	-9.52%	11.25%	-4.82%	-44.58%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-4	-0.09%	11.57%	-2.04%	-25.12%	-7.74%	-25.15%
DOG	ProShares Short Dow 30	Bear Market	-4	-0.21%	-11.16%	-8.60%	3.35%	-5.32%	-63.41%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	-4	1.10%	7.19%	3.73%	-27.33%	-0.82%	-35.09%
IWP	Russell MidCap Growth	Mid-Cap Growth	-4	-0.08%	9.06%	1.08%	-24.55%	-0.01%	-29.49%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-5	0.61%	3.95%	-2.39%	-20.35%	-3.06%	-28.33%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-5	-0.50%	8.61%	-0.71%	-26.71%	-2.37%	-29.79%
VNQ	Vanguard REIT Index	Real Estate	-5	-1.16%	10.13%	-4.75%	-25.88%	-8.63%	-25.88%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	-5	-0.28%	2.87%	-3.66%	-19.91%	-5.10%	-21.60%
IWF	Russell 1000 Growth	Large Growth	-5	0.28%	6.00%	-1.62%	-26.14%	-4.40%	-27.08%
IYR	Dow Jones US Real Estate	Real Estate	-5	-1.19%	10.39%	-4.78%	-24.92%	-7.95%	-24.92%
ICF	Cohen & Steers Realty	Real Estate	-5	-1.05%	10.40%	-5.07%	-25.35%	-8.66%	-54.92%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-5	-3.24%	4.89%	0.23%	-22.15%	-0.80%	-27.11%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	-5	0.34%	2.97%	-3.76%	-21.47%	-5.12%	-23.85%
RWR	Wilshire REIT Fund	Real Estate	-5	-1.07%	10.33%	-3.41%	-25.40%	-8.34%	-25.40%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-5	-1.58%	7.49%	-0.56%	-25.14%	-1.84%	-28.58%
UNG	U.S. Natural Gas Fund	Oil & Gas	-5	-8.20%	-20.79%	-36.32%	46.12%	-24.56%	-79.34%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-6	0.02%	5.16%	-2.35%	-26.11%	-5.19%	-27.07%
IVW	S&P 500/BARRA Growth	Large Growth	-6	0.02%	5.03%	-2.62%	-26.64%	-5.56%	-27.63%
SPYG	S&P 500 Growth	Large Cap Growth	-6	0.04%	5.06%	-2.60%	-26.60%	-5.52%	-27.61%
IWO	Russell 2000 Growth	Small Growth	-6	-2.12%	4.35%	-1.80%	-24.37%	-1.74%	-34.16%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-6	-0.03%	5.04%	-2.67%	-26.65%	-5.58%	-27.66%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	-6	-1.92%	5.84%	-2.26%	-24.59%	-3.67%	-31.05%
IYZ	Down Jones US Telecom	Commun. Equities	-6	1.42%	9.45%	-3.17%	-30.33%	-9.78%	-37.25%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-6	0.39%	5.59%	-2.49%	-28.65%	-6.20%	-29.74%
IYW	Dow Jones US Technology	Technology Equities	-7	0.31%	6.48%	-1.78%	-31.61%	-7.97%	-32.94%
VUG	Vanguard Growth	Large Cap Growth	-7	-0.05%	4.77%	-3.98%	-29.78%	-6.62%	-30.81%
KBE	SPDR S&P Bank	Specialty-Financial	-7	-7.38%	-1.17%	-4.32%	-15.14%	-3.64%	-23.36%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-7	-1.54%	4.98%	-3.59%	-26.18%	-3.51%	-31.97%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	-7	-7.51%	0.79%	-3.20%	-19.45%	-7.06%	-20.65%
IYC	iShares US Consumer Services	Consumer Discretionary	-7	0.16%	3.75%	-6.08%	-27.61%	-4.95%	-78.05%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-8	-1.85%	1.89%	-5.36%	-27.13%	0.73%	-53.11%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-8	0.03%	4.04%	-4.45%	-30.04%	-7.25%	-30.98%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-8	-1.25%	4.88%	-9.38%	-26.70%	-12.10%	-27.40%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-8	-7.96%	-3.51%	-5.12%	-14.92%	-4.60%	-23.48%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	-9	-11.05%	-3.12%	-6.51%	-15.51%	-8.48%	-16.93%
IGV	iShares North American Tech-Software	Technology Equities	-9	-1.61%	4.83%	-4.11%	-34.47%	-8.83%	-41.64%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-9	-7.45%	1.49%	-6.60%	-23.67%	-7.61%	-31.64%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	-10	-1.04%	0.81%	-9.95%	-30.62%	-8.22%	-33.54%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-10	-3.20%	19.31%	-10.83%	-46.73%	-18.49%	-46.73%
VOX	Vanguard Telecom Serv's	Communication Equities	-11	0.67%	1.06%	-7.66%	-37.66%	-13.40%	-43.91%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	-11	-1.16%	-0.34%	-12.05%	-31.50%	-9.71%	-33.76%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-12	-14.17%	-2.93%	-7.48%	-23.40%	-10.72%	-25.94%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-13	-0.19%	7.53%	0.58%	-59.08%	-2.25%	-59.35%

<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>
SCHB	Schwab U.S. Broad Market	All Cap Equities	-13	-0.45%	7.39%	0.46%	-59.13%	-2.23%	-59.38%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-14	-2.23%	6.19%	-0.19%	-59.28%	-1.66%	-62.14%
SCHH	Schwab U.S. REIT	Real Estate	-15	-1.93%	9.38%	-5.03%	-62.36%	-8.87%	-62.36%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	-15	-16.44%	-9.09%	-12.16%	-21.29%	-14.09%	-23.45%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-16	-0.48%	4.24%	-3.89%	-64.26%	-6.63%	-64.91%
RSX	Market Vectors Russia	Emerging Markets Equit	-20	0.00%	0.00%	0.00%	-78.81%	0.00%	-83.05%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-29	-30.86%	-27.20%	-28.52%	-30.37%	-27.49%	-33.88%