

HV ETF Master List as of 10/21/2021

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	38	3.01%	23.54%	27.98%	97.39%	45.14%	-79.44%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	37	15.37%	29.32%	25.01%	79.71%	24.93%	-17.78%
FXN	1st Trust Energy AlphaDEX	Energy Equities	30	14.35%	25.20%	21.71%	59.97%	20.55%	-30.31%
VDE	Vanguard Energy VIPERS	Energy Equities	26	12.47%	20.84%	15.50%	56.65%	15.84%	-25.41%
XLE	Energy Select Sector *	Energy Equities	25	13.64%	19.53%	14.39%	51.48%	14.45%	-27.25%
IYE	Dow Jones US Energy	Specialty-Natural Res.	25	12.44%	19.78%	14.96%	54.10%	15.70%	-28.18%
IXC	S&P Global Energy	Energy Equities	23	12.44%	20.24%	16.18%	44.21%	15.85%	-25.64%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	21	5.22%	7.16%	6.52%	64.62%	21.83%	-2.36%
GSG	iShares GSCI Commodity Index	Commodities.	19	7.80%	12.92%	8.99%	44.61%	16.50%	-4.75%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	19	8.98%	8.44%	13.62%	43.59%	13.30%	-0.73%
DBC	PowerShares DB Commodity Index	Commodities	19	8.47%	13.45%	9.69%	46.33%	17.60%	-1.51%
IGE	iShares North American Natural Resources	Commodity Producers	18	10.26%	14.50%	10.33%	38.00%	11.77%	-15.51%
KRE	SPDR S&P Region.Banking	Specialty-Financial	18	10.41%	10.83%	13.63%	38.63%	9.02%	-0.66%
KBE	SPDR S&P Bank	Specialty-Financial	17	9.98%	9.53%	13.01%	35.22%	9.39%	-0.55%
RSX	Market Vectors Russia	Emerging Markets Equi	17	7.27%	13.73%	11.89%	34.45%	16.92%	-1.99%
FXO	1st Trust Financials AlphaDEX	Financial Equities	15	7.37%	5.43%	9.53%	39.41%	10.83%	-0.31%
DJP	Bloomberg Commodity Index	Commodities	15	6.07%	10.46%	7.01%	37.95%	15.24%	-1.85%
XLF	Financial Select Sector *	Financial Equities	14	5.37%	4.08%	8.83%	35.89%	11.33%	-0.42%
VFH	Vanguard Financials	Financials Equities	14	5.48%	4.78%	9.35%	36.24%	11.57%	-0.27%
IYF	Dow Jones US Financial Sector	Specialty-Financial	13	5.65%	5.15%	7.38%	32.92%	11.71%	-38.12%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	13	4.91%	4.46%	6.92%	33.82%	11.00%	-0.32%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	12	5.82%	7.54%	3.99%	30.68%	10.88%	-2.02%
EWC	iShares Canada Index	Foreign Large Cap Equ	12	6.56%	6.56%	5.50%	28.08%	9.98%	-0.38%
RPV	Guggenheim S&P 500 Pure Value	Large Value	12	6.19%	4.70%	6.04%	31.11%	6.77%	-1.74%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	12	0.89%	8.42%	13.66%	25.31%	13.09%	-0.93%
XRT	SPDR S&P Retail *	Consumer Discretionar	11	-0.34%	-0.46%	-1.14%	47.67%	4.02%	-3.26%
KIE	SPDR S&P Insurance	Specialty-Financial	11	8.25%	5.21%	7.44%	22.63%	8.55%	-56.11%
INDA	iShares MSCI India	Emerging Markets Equi	11	-0.46%	7.02%	11.65%	23.89%	12.15%	-1.39%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	11	3.65%	4.86%	8.32%	26.24%	12.09%	-1.00%
PKW	PowerShares Buyback Achievers	All Cap Equities	11	4.08%	1.80%	5.47%	30.77%	9.07%	0.00%
IJS	S&P SmallCap 600/BARRA Value	Small Value	10	3.60%	4.08%	3.15%	28.86%	3.48%	-39.52%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	10	4.27%	3.00%	3.83%	27.61%	5.71%	-0.40%
PIN	PowerShares India Portfolio	Emerging Markets Equi	10	-1.17%	5.34%	10.35%	24.00%	11.30%	-45.48%
IGV	iShares North American Tech-Software	Technology Equities	10	3.53%	4.42%	7.69%	23.10%	14.55%	0.00%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	10	2.34%	2.75%	0.64%	33.69%	11.67%	-1.94%
IWN	Russell 2000 Value	Small Value	10	3.41%	4.40%	3.92%	27.07%	4.15%	-3.77%
RWR	Wilshire REIT Fund	Real Estate	10	4.22%	3.61%	2.71%	30.92%	10.73%	-0.76%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	9	5.75%	6.14%	1.68%	21.53%	4.69%	-3.49%
IYR	Dow Jones US Real Estate	Real Estate	9	2.37%	3.10%	2.80%	27.76%	10.20%	-1.65%
IYW	Dow Jones US Technology	Technology Equities	9	1.92%	2.18%	5.09%	27.72%	12.55%	-0.19%
VBR	Vanguard SmallCap Value	Small Cap Value	9	3.66%	3.76%	3.96%	25.46%	5.40%	-1.29%

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TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	9	7.42%	6.75%	6.38%	13.70%	-2.40%	-56.24%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	9	2.31%	-0.86%	1.87%	33.47%	6.75%	-3.09%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	3.49%	2.32%	3.06%	25.94%	4.81%	-37.18%
SCHH	Schwab U.S. REIT	Real Estate	9	2.33%	2.35%	2.03%	28.26%	9.64%	-2.29%
IYT	Dow Jones Transportation	Transportation Equities	9	6.37%	4.19%	5.22%	20.11%	4.31%	-4.95%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	9	3.60%	2.39%	3.21%	25.41%	6.61%	-0.15%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	9	4.24%	3.57%	4.14%	25.80%	6.10%	-56.84%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	9	3.51%	2.19%	3.27%	25.63%	6.61%	-0.11%
ICF	Cohen & Steers Realty	Real Estate	9	1.56%	1.81%	2.13%	29.31%	10.37%	-44.69%
VNQ	Vanguard REIT Index	Real Estate	9	1.79%	2.49%	2.24%	27.79%	9.48%	-2.15%
XME	SPDR S&P Metals & Mining	Commodity Producers	9	5.62%	2.49%	-3.17%	31.46%	5.53%	-7.96%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	9	5.01%	7.35%	5.00%	20.31%	10.25%	0.00%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	9	7.12%	6.65%	2.25%	20.22%	4.62%	-3.24%
MOO	VanEck Vectors Agribusiness	Commodity Producers	8	1.87%	3.37%	3.00%	22.25%	5.53%	-0.26%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	8	2.63%	2.62%	3.69%	21.34%	7.36%	-62.88%
MDY	MidCap Trust Series I	Mid-Cap Blend	8	3.32%	2.73%	3.14%	21.17%	4.97%	0.00%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	8	0.46%	2.18%	5.88%	25.37%	13.37%	-0.76%
RSP	Guggenheim S&P Equal Weight	Large Blend	8	2.94%	2.04%	3.24%	23.93%	7.23%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	8	2.01%	2.65%	3.89%	23.01%	11.13%	0.00%
IWS	Russell MidCap Value	Mid-Cap Value	8	3.43%	2.60%	3.42%	23.77%	6.39%	-0.04%
SPYG	S&P 500 Growth	Large Cap Growth	8	1.83%	1.75%	3.45%	23.08%	10.71%	-0.58%
IVW	S&P 500/BARRA Growth	Large Growth	8	1.71%	1.80%	3.44%	23.08%	10.74%	-0.57%
VO	Vanguard Mid-Cap	Mid-Cap Blend	8	2.80%	2.99%	4.59%	22.04%	8.41%	0.00%
IJR	S&P Sm.Cap 600	Small Blend	8	2.15%	3.06%	2.47%	23.33%	3.20%	-2.55%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	8	3.14%	2.14%	3.67%	23.63%	6.04%	-0.44%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	8	2.75%	4.59%	2.64%	20.07%	7.55%	0.00%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	8	2.49%	3.93%	5.49%	20.19%	10.69%	0.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8	2.62%	1.71%	3.69%	23.22%	7.69%	0.00%
DVY	iShares Select Dividend Index	Large Cap Value	8	2.59%	1.41%	2.72%	24.51%	4.07%	-2.69%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	8	1.72%	1.74%	3.43%	23.16%	10.71%	-0.61%
EWN	iShares Netherlands Index	Europe Stock	7	-1.92%	0.62%	3.60%	25.83%	7.38%	-3.27%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	1.93%	1.28%	2.61%	20.31%	8.25%	-0.31%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	7	6.64%	8.17%	14.28%	-0.37%	8.24%	-19.34%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	7	2.19%	3.33%	6.14%	15.87%	8.54%	0.00%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	2.37%	1.91%	2.93%	20.74%	7.67%	0.00%
SCHD	Schwab US Dividend Equity	All Cap Equities	7	3.32%	0.89%	1.94%	21.28%	4.88%	-0.50%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	3.48%	2.49%	1.71%	20.86%	2.49%	-62.37%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	7	0.53%	1.98%	3.66%	22.39%	3.96%	-3.24%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	7	4.19%	2.18%	1.37%	18.81%	2.31%	-4.53%
IVV	S&P 500	Large Blend	7	1.98%	1.60%	2.89%	21.32%	8.15%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	1.32%	2.10%	3.09%	22.22%	10.44%	-0.55%
IYC	iShares US Consumer Services	Consumer Discretionar	7	3.41%	4.46%	3.93%	16.58%	7.14%	-70.33%
IJH	S&P MidCap 400	Mid-Cap Blend	7	2.94%	2.59%	3.03%	21.09%	4.86%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	7	2.99%	-1.75%	-0.49%	27.90%	3.96%	-7.42%

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ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	1.96%	1.81%	2.90%	20.66%	7.60%	0.00%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	7	1.72%	1.74%	3.40%	22.72%	10.39%	-0.56%
IYM	Dow Jones US Basic Mat's	Materials	7	5.94%	1.58%	1.19%	18.19%	4.18%	-5.10%
XLK	Technology Select *	Technology Equities	7	1.51%	1.58%	3.56%	22.26%	10.36%	-0.46%
IWV	Russell 3000 Index	All Cap Equities	7	2.09%	1.94%	2.96%	20.61%	7.68%	0.00%
IWB	Russell 1000 Index	Large Blend	7	2.11%	1.85%	3.02%	20.85%	8.05%	0.00%
IWD	Russell 1000 Value	Large Value	7	2.72%	1.63%	2.74%	20.57%	5.69%	-0.12%
VV	Vanguard LargeCap	Large Cap Blend	7	2.15%	1.81%	3.03%	21.12%	8.31%	0.00%
IWF	Russell 1000 Growth	Large Growth	7	1.57%	2.03%	3.25%	20.98%	10.28%	-0.33%
FV	First Trust VL Dividend	Large Cap Value Equiti	7	2.88%	2.36%	2.99%	20.88%	6.35%	0.00%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	7	2.71%	2.68%	3.45%	19.02%	5.50%	0.00%
VTI	Total Stock Market VIPERs	All Cap Equities	7	2.05%	1.98%	2.97%	20.64%	7.65%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	7	2.01%	1.66%	2.93%	21.33%	8.12%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	7	2.35%	1.64%	2.94%	21.32%	8.16%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	2.48%	0.98%	2.66%	21.90%	8.92%	0.00%
VUG	Vanguard Growth	Large Cap Growth	7	1.51%	2.34%	3.50%	21.78%	10.45%	-0.15%
VGT	Vanguard Info Technology	Technolgy Equities	7	1.46%	2.00%	3.86%	21.17%	10.30%	-0.15%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	2.29%	3.35%	2.99%	17.45%	5.26%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	2.43%	1.79%	2.95%	21.12%	8.15%	0.00%
VB	Vanguard SmallCap	Small Cap Blend	7	2.02%	3.51%	3.32%	18.23%	4.62%	0.00%
VTV	Vanguard Value	Large Cap Value	7	2.97%	1.07%	2.33%	19.99%	5.53%	-0.22%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	6	-1.55%	1.07%	3.08%	23.20%	7.04%	-1.98%
SMH	VanEch Vectors Semiconductor	Technology Equities	6	-1.31%	0.87%	2.95%	23.40%	7.10%	-2.29%
VIS	Vanguard Industrials	industrials Equities	6	3.54%	1.08%	1.43%	17.97%	4.47%	-0.71%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	3.86%	1.78%	1.41%	15.23%	4.10%	-0.66%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	0.99%	0.55%	0.60%	22.11%	4.02%	-1.21%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	6	1.95%	0.52%	0.10%	20.81%	2.16%	-3.42%
IWP	Russell MidCap Growth	Mid-Cap Growth	6	1.36%	2.72%	4.41%	16.77%	9.17%	0.00%
XLB	Materials Select Sector *	Materials	6	4.68%	0.19%	1.57%	17.41%	4.29%	-4.16%
IWM	Russell 2000	Small Blend	6	1.40%	3.52%	2.44%	16.27%	2.18%	-2.76%
VAW	Vanguard Materials VIPERS	Materials	6	4.31%	0.21%	1.28%	18.22%	4.11%	-4.58%
IVE	S&P 500/BARRA Value	Large Value	6	2.42%	1.50%	2.27%	19.34%	5.35%	-0.12%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	6	2.58%	0.67%	2.26%	18.09%	6.18%	-0.32%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	2.25%	2.89%	2.93%	16.27%	4.91%	-67.33%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	6	3.41%	3.76%	1.92%	16.77%	5.54%	0.00%
XLI	Industrial Select Sector *	Industrial Equities	6	3.77%	0.22%	0.84%	17.93%	4.57%	-1.04%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	6	2.19%	1.56%	0.52%	21.66%	7.12%	-2.12%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	6	2.85%	1.01%	2.11%	19.32%	5.57%	-0.04%
VYM	Vanguard High Div. Yield Index	Large Cap Value	6	3.61%	1.20%	2.42%	18.45%	4.92%	-0.35%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	6	1.15%	1.30%	2.94%	20.25%	9.28%	-1.27%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	6	1.83%	3.09%	2.71%	17.63%	3.18%	-1.07%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	6	2.17%	0.29%	1.79%	20.64%	8.34%	-1.12%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	6	3.25%	1.07%	1.05%	18.97%	2.39%	-4.58%
EWU	iShares United Kingdom Index	Europe Stock	6	2.62%	2.46%	1.97%	15.12%	3.99%	-10.98%

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EZA	iShares South Africa Index	Emerging Markets Equi	5	3.03%	4.04%	0.60%	11.56%	0.04%	-35.63%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	-0.31%	1.12%	2.33%	15.43%	4.15%	-1.10%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	5	3.20%	2.98%	-0.69%	14.51%	3.47%	-54.77%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	2.42%	1.08%	1.47%	16.41%	5.20%	-0.17%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	0.48%	0.17%	1.79%	17.88%	5.07%	-1.12%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	-2.88%	4.66%	3.69%	15.14%	3.04%	-3.88%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	3.10%	3.45%	1.70%	11.55%	3.34%	-15.01%
ACWI	iShares MSCI ACWI	Global Equities	5	1.61%	1.85%	2.15%	15.63%	5.43%	-0.37%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	3.15%	0.97%	2.07%	15.49%	6.54%	-0.07%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	5	-0.21%	0.19%	1.75%	19.30%	5.22%	-1.27%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	5	-0.28%	1.13%	2.22%	14.94%	3.98%	-1.00%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	0.57%	1.86%	1.75%	17.70%	2.88%	-35.72%
EWI	iShares Italy Index	Europe Stock	5	1.71%	2.33%	1.90%	13.18%	3.99%	-3.34%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	5	2.26%	-0.61%	0.06%	16.36%	4.31%	-2.11%
VOX	Vanguard Telecom Serv's	Communication Equitie	5	0.04%	-0.57%	-0.37%	20.68%	4.71%	-3.72%
VT	Vanguard Total World Stock Index	Global Equities	5	1.28%	1.37%	1.71%	15.18%	4.81%	-0.95%
SDY	SPDR Dividend ETF	Large Value	5	3.51%	-0.27%	-0.44%	16.31%	2.47%	-3.34%
EWD	iShares Sweden Index	Europe Stock	5	1.63%	1.03%	-1.64%	20.73%	3.73%	-2.71%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	4	-0.39%	1.20%	1.15%	14.40%	4.11%	-2.29%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4	2.09%	-0.06%	0.09%	14.16%	2.16%	-3.87%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4	1.01%	-0.94%	-0.68%	17.66%	4.78%	-17.29%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	1.57%	0.12%	1.29%	13.74%	6.39%	-1.37%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	4	0.00%	-1.15%	-1.19%	17.33%	3.58%	-4.25%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	4	-3.68%	4.03%	4.27%	10.87%	2.61%	-4.72%
EWQ	iShares France Index	Europe Stock	4	-0.51%	1.26%	0.60%	16.24%	4.29%	-2.28%
IYJ	Dow Jones US Industrial	Industrial Equities	4	1.67%	-0.51%	0.03%	16.40%	4.04%	-41.43%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	4	0.65%	2.64%	3.65%	8.68%	7.04%	0.00%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	4	3.76%	3.38%	3.31%	6.65%	-0.98%	-31.17%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	4	1.76%	0.00%	0.59%	13.07%	5.22%	-1.69%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	4	1.86%	1.45%	1.73%	11.45%	1.19%	-5.19%
EWA	iShares Australia Index	Asia Pacific Equities	4	3.01%	2.93%	1.38%	10.15%	2.48%	-3.65%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	0.84%	0.90%	-0.02%	13.69%	1.73%	-4.23%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	1.26%	-0.66%	-1.29%	15.70%	0.72%	-5.70%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	-0.04%	3.16%	2.53%	9.85%	3.60%	-2.66%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	3	0.69%	-1.06%	-0.13%	14.22%	2.42%	-2.26%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3	-1.04%	-2.70%	-0.67%	15.60%	5.48%	-4.17%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	3	2.29%	3.52%	2.06%	3.52%	-0.97%	-8.37%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	-0.39%	0.67%	-0.04%	13.54%	3.15%	-2.59%
IEV	S&P Europe 350 Index	Europe Stock	3	0.15%	-0.24%	0.06%	13.56%	3.28%	-2.19%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	3	-2.97%	-0.46%	-2.73%	17.39%	0.83%	-5.02%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	3	2.34%	1.01%	-0.06%	7.02%	0.03%	-5.08%
EWV	iShares Mexico Index	Latin America Stock	3	-0.72%	0.22%	-0.64%	14.96%	5.88%	-14.23%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	-0.10%	1.20%	0.55%	9.03%	1.32%	-3.01%
VGK	Vanguard European	Europe Equities	3	-0.04%	-0.90%	-0.42%	13.78%	3.11%	-2.92%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	0.42%	0.77%	0.02%	10.28%	0.75%	-12.62%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	-3.62%	3.99%	4.18%	9.35%	1.74%	-4.65%
IYH	Dow Jones US Healthcare	Specialty-Health	3	-1.51%	-2.51%	-0.59%	15.56%	5.49%	-4.11%
HDV	iShares Core High Dividend	Large Cap Value Equiti	3	1.65%	0.75%	-0.05%	11.34%	2.17%	-2.10%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	3	-2.63%	-2.41%	-0.81%	16.62%	3.29%	-4.13%
EZU	European Monetary Union Index	Europe Stock	3	-1.31%	-1.03%	-0.66%	13.04%	2.53%	-3.30%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	0.69%	2.45%	2.85%	6.95%	3.02%	-3.97%
FXI	iShares China 25 Index	China Equities	2	7.91%	5.85%	2.96%	-9.22%	-6.65%	-22.62%
FEZ	SPDR Euro Stoxx 50	Europe Stock	2	-1.43%	-0.76%	-0.76%	12.66%	1.74%	-4.76%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	-1.28%	0.06%	0.15%	9.68%	1.85%	-2.57%
XLU	Utilities Select Sector *	Utilities Equities	2	2.61%	-2.38%	0.57%	6.71%	2.90%	-5.73%
VPU	Vanguard Utilities VIPERS	Utilities Equities	2	1.93%	-2.11%	0.42%	6.42%	2.63%	-6.45%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	2	1.25%	2.39%	0.05%	2.84%	-1.85%	-8.15%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	-1.48%	0.01%	0.12%	10.12%	1.88%	-2.71%
EWM	iShares Malaysia Index	Emerging Markets Equi	2	5.04%	2.61%	7.27%	-7.29%	0.32%	-26.79%
IDU	Dow Jones US Utilities	Utilities Equities	2	2.55%	-1.42%	1.18%	7.19%	3.36%	-53.02%
VHT	Vanguard Health Care	Health & Biotech Equiti	2	-1.81%	-2.43%	-0.79%	13.61%	4.52%	-4.39%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	2	-1.18%	-2.08%	-1.27%	11.39%	0.77%	-3.47%
EWL	iShares Switzerland Index	Europe Stock	2	0.94%	-2.59%	-1.54%	10.25%	3.63%	-3.71%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	2	2.73%	-2.31%	-0.77%	8.84%	2.38%	-4.25%
UUP	PowerShares DB US Dollar Bullish	Currency	2	0.76%	0.68%	1.90%	3.84%	1.85%	-10.40%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	0.09%	1.15%	0.40%	7.94%	1.00%	-3.20%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	2	0.14%	-0.18%	0.68%	8.96%	3.54%	-2.24%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	2	-1.40%	-2.51%	-0.28%	12.39%	4.87%	-30.18%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-2.49%	-0.28%	0.32%	11.32%	2.16%	-3.78%
VXUS	Vanguard Total International Stock	Global Equities	2	-0.11%	0.54%	-0.06%	8.51%	0.91%	-3.29%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	2	1.54%	0.74%	5.77%	0.80%	-0.94%	-23.63%
PPLT	ETFS Physical Platinum Shares	Precious Metals	2	6.00%	7.64%	-1.25%	-2.45%	-5.70%	-17.73%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	-0.97%	0.28%	-0.10%	10.50%	1.94%	-2.57%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	-1.59%	0.59%	-1.09%	8.12%	-0.44%	-11.54%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	-0.90%	0.06%	-0.31%	10.06%	1.79%	-2.75%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2	-0.17%	0.42%	-0.14%	7.66%	0.54%	-3.75%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	2	1.88%	2.16%	0.87%	3.59%	-1.45%	-8.11%
IWO	Russell 2000 Growth	Small Growth	2	-0.43%	2.66%	1.09%	6.44%	0.26%	-9.35%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	-0.02%	-0.78%	-0.62%	5.85%	1.92%	-2.70%
EWP	iShares Spain Index	Europe Stock	1	1.23%	-0.29%	-0.32%	3.51%	-0.71%	-22.76%
MCHI	iShares MSCI China	China Equities	1	6.57%	5.17%	1.05%	-10.50%	-8.58%	-25.43%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	1	2.31%	3.26%	3.21%	-2.82%	-2.19%	-16.10%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	1	1.48%	2.34%	0.10%	0.93%	-2.61%	-10.02%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1	0.03%	-2.08%	-2.64%	6.92%	0.01%	-8.90%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	1	-0.93%	-1.28%	-1.60%	6.35%	0.73%	-11.33%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1	-2.78%	-0.60%	0.20%	8.64%	2.96%	-3.78%
EWK	iShares Belgium Index	Europe Stock	1	-0.83%	-2.67%	-2.67%	9.79%	0.35%	-7.20%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	1	-0.81%	-1.58%	-2.50%	7.62%	1.14%	-7.79%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1	1.81%	2.28%	0.00%	-1.50%	-4.17%	-13.53%
XLP	Consumer Staples Select *	Consumer Staples	1	0.21%	-1.10%	-0.91%	4.88%	2.05%	-3.06%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	1	-0.37%	-0.22%	-1.30%	5.96%	1.65%	-2.47%
FXB	CurrencyShares British Pound	Currency	0	0.42%	0.61%	-1.37%	0.51%	-0.60%	-8.71%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.04%	0.04%	-0.02%	0.14%	0.00%	-0.59%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	-0.28%	-1.93%	-3.61%	6.96%	-1.61%	-12.15%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	0	-0.55%	-3.26%	-4.18%	9.79%	-1.50%	-5.75%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	0	-3.37%	-3.34%	-3.26%	11.72%	1.51%	-5.40%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.44%	-0.04%	-0.33%	0.91%	0.03%	-2.77%
JXI	iShares S&P Global Utilities	Utilities Equities	0	1.23%	-2.68%	-0.36%	2.60%	0.93%	-4.63%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	0	-5.05%	-3.48%	-1.71%	11.01%	3.09%	-6.60%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	0	-0.25%	0.05%	-0.41%	1.64%	1.10%	-2.83%
RWX	SPDR DJ Wil Intern. RE	Real Estate	0	-1.40%	-2.35%	-3.54%	7.16%	0.72%	-15.26%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	-0.65%	-0.80%	-0.95%	0.69%	-0.06%	-1.28%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	0	0.05%	-1.64%	-2.47%	3.20%	-1.26%	-6.38%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	0	9.89%	3.95%	-6.16%	-9.05%	-4.25%	-26.50%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.33%	-0.38%	-0.49%	-0.61%	-0.46%	-1.09%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.35%	-0.43%	-0.49%	-0.72%	-0.50%	-1.37%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0	0.18%	-0.44%	-1.44%	1.27%	0.92%	-1.60%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.18%	0.18%	0.32%	-0.72%	-0.30%	-5.55%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	-0.82%	-0.29%	-0.78%	1.44%	0.20%	-1.30%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.93%	-0.84%	-1.01%	1.84%	0.02%	-1.44%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	0.28%	-0.40%	-1.44%	0.67%	0.71%	-1.62%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.55%	-0.29%	-0.62%	1.34%	-0.07%	-2.95%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.34%	-0.41%	-0.49%	-0.62%	-0.46%	-1.80%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	-0.07%	-0.10%	-0.23%	-0.11%	-0.53%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.65%	-0.46%	-0.78%	0.18%	-0.44%	-5.23%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.81%	-0.85%	-1.21%	-1.69%	-0.99%	-1.69%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-1	9.50%	3.97%	-6.67%	-9.13%	-3.78%	-26.50%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-1	-0.80%	-3.77%	-3.21%	3.82%	0.70%	-6.14%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	-1.13%	-0.71%	-1.07%	-0.20%	-0.38%	-66.53%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.73%	-0.89%	-1.15%	-1.81%	-1.05%	-2.28%
EWG	iShares Germany Index	Europe Stock	-1	-2.27%	-3.29%	-3.65%	5.57%	-1.87%	-8.06%
IYZ	Down Jones US Telecom	Commun. Equities	-1	-2.39%	-4.76%	-3.46%	7.94%	-1.01%	-10.73%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-1.12%	-0.76%	-1.03%	-0.29%	-0.38%	-2.16%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-1	12.13%	6.73%	-4.75%	-19.03%	-6.00%	-31.43%
SLV	iShares Silver Trust	Precious Metals	-1	6.89%	2.29%	-5.78%	-9.04%	-5.46%	-17.22%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-1	-1.02%	-0.67%	-0.92%	-0.31%	-0.42%	-1.47%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	-0.33%	0.07%	-0.59%	-1.31%	-0.10%	-2.65%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	-1.00%	-0.37%	-0.89%	-1.77%	-0.55%	-3.38%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	-9.49%	-8.17%	-4.13%	16.61%	1.95%	-10.36%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.73%	-0.78%	-0.93%	-1.70%	-0.89%	-1.70%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	-1.52%	-1.60%	-2.05%	-3.09%	-1.17%	-3.15%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-2	-1.56%	-1.68%	-2.15%	-3.88%	-1.22%	-5.26%
BNDX	Vanguard Total International Bond	Total Bond Market	-2	-1.29%	-2.08%	-2.26%	-3.43%	-1.40%	-4.53%
BAB	PowerShares Build America Bond Portfolio	National Munis	-2	-2.07%	-2.19%	-2.83%	-2.63%	-1.06%	-5.83%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-2	-1.53%	-1.68%	-2.12%	-3.68%	-1.22%	-4.84%
MUB	iShares S&P National Muni Bond	National Munis	-2	-1.12%	-1.47%	-1.95%	-1.54%	-1.23%	-2.16%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	-1.43%	-1.87%	-2.35%	-3.77%	-1.71%	-5.72%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-2	-1.25%	-1.63%	-2.05%	-3.13%	-1.58%	-3.94%
IAU	iShares Gold Trust	Precious Metals	-2	2.04%	-0.53%	-2.53%	-6.37%	-0.49%	-13.88%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	-1.20%	-1.40%	-1.65%	-3.17%	-1.54%	-5.22%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-2	-1.13%	-1.41%	-1.84%	-2.98%	-1.38%	-3.57%
EWH	iShares Hong Kong Index	China Equities	-2	1.45%	-4.32%	-5.06%	-0.28%	-6.70%	-12.56%
GLD	SPDR Gold Shares	Precious Metals	-2	1.98%	-0.55%	-2.58%	-6.51%	-0.57%	-14.00%
SIL	Global X Silver Miners	Commodity Producers	-2	8.54%	2.17%	-7.19%	-13.37%	-6.05%	-26.25%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	-4.20%	-0.75%	-2.19%	1.04%	-2.58%	-6.12%
PZA	Pshares Insured National Munis	National Munis	-2	-1.40%	-1.73%	-2.59%	-1.55%	-1.55%	-3.02%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	-1.54%	-1.75%	-2.24%	-3.98%	-1.41%	-5.48%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	-1.41%	-1.84%	-2.32%	-3.69%	-1.65%	-4.90%
EWJ	iShares Japan Index	Japan Stock	-2	-6.93%	0.30%	0.01%	0.44%	-1.75%	-8.45%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	-1.61%	-0.87%	-2.20%	-3.56%	-1.17%	-7.17%
FXE	CurrencyShares Euro Currency Trust	Currency	-3	-1.17%	-1.31%	-2.52%	-5.67%	-2.93%	-10.16%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-3	-1.89%	-2.26%	-2.90%	-4.86%	-1.87%	-6.39%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-3	-2.10%	-2.78%	-2.99%	-5.80%	-2.17%	-6.89%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-3	1.01%	-0.50%	-0.66%	-11.92%	-3.56%	-49.71%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-3	-2.54%	-2.12%	-3.03%	-4.60%	-1.03%	-5.30%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-3	-2.08%	-2.89%	-2.98%	-5.89%	-2.22%	-7.54%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-3	-1.99%	-2.03%	-2.81%	-3.98%	-1.52%	-4.01%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-3	-2.06%	-2.66%	-3.16%	-5.24%	-1.74%	-7.63%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-4	-8.64%	-7.30%	-4.16%	4.89%	-1.12%	-53.38%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-4	-5.96%	-4.49%	-2.37%	-2.07%	-2.58%	-11.00%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-4	-0.25%	-0.43%	-6.93%	-7.34%	-4.89%	-13.87%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-4	-3.45%	-2.62%	-3.84%	-5.65%	-0.49%	-7.23%
HDGE	Ranger Equity Bear	Inverse Equities	-4	-0.24%	-0.04%	3.83%	-17.79%	0.44%	-77.82%
BLV	Vanguard Long Term Bond	Long-Term Bond	-5	-3.67%	-3.38%	-4.16%	-7.73%	-1.05%	-13.93%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-5	14.52%	3.98%	-12.91%	-25.55%	-14.03%	-45.22%
FXV	CurrencyShares Japanese Yen Trust	Currency	-5	-3.33%	-3.67%	-4.15%	-9.93%	-4.52%	-14.80%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-5	-2.58%	-3.82%	-4.10%	-8.39%	-3.85%	-14.64%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-5	-3.75%	-3.94%	-4.20%	-9.14%	-1.53%	-16.06%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-5	-2.16%	-3.16%	-4.30%	-8.71%	-3.88%	-9.35%
TLT	iShares 20+ Treas. Bd	Government Bonds	-5	-3.91%	-3.97%	-4.21%	-9.62%	-0.83%	-16.91%
DOG	ProShares Short Dow 30	Bear Market	-6	-2.57%	-1.66%	-2.33%	-16.76%	-6.54%	-63.52%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-6	-6.94%	-3.69%	-1.06%	-12.03%	-8.47%	-28.82%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-7	-4.45%	-5.03%	-11.47%	-6.78%	-9.96%	-16.63%
RWM	ProShares Short Russell2000	Inverse Equities	-7	-1.94%	-4.30%	-3.58%	-18.53%	-4.45%	-67.18%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-7	-2.44%	-2.31%	-3.62%	-19.92%	-9.08%	-65.45%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-7	-5.55%	-5.12%	-5.35%	-12.29%	-0.26%	-24.54%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-7	-5.39%	-4.90%	-5.17%	-12.37%	-0.96%	-25.17%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-1.54%	-1.96%	-3.60%	-19.99%	-10.27%	-79.27%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-11	-4.24%	-11.95%	-6.50%	-22.42%	-13.66%	-56.37%
ILF	iShares S&P 40 Latin America	Latin America Stock	-12	-6.54%	-10.92%	-16.80%	-11.89%	-10.74%	-34.53%
ECH	iShares Chile Index	Latin America	-14	-11.48%	-12.59%	-12.12%	-19.83%	-19.09%	-56.88%
EWZ	iShares Brazil Index	Latin America Stock	-18	-11.24%	-16.39%	-24.09%	-18.80%	-16.46%	-37.82%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-20	-2.41%	0.06%	2.45%	-80.20%	-74.16%	-82.55%