

# HV ETF Master List as of 11/11/2021

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	34	-0.02%	20.08%	37.94%	79.15%	20.00%	-18.03%
FXN	1st Trust Energy AlphaDEX	Energy Equities	28	0.31%	16.76%	33.37%	60.98%	17.79%	-29.87%
IYE	Dow Jones US Energy	Specialty-Natural Res.	26	2.36%	17.28%	27.73%	56.57%	14.44%	-27.03%
VDE	Vanguard Energy VIPERS	Energy Equities	25	1.02%	15.95%	27.76%	57.15%	13.14%	-25.17%
XLE	Energy Select Sector *	Energy Equities	24	1.12%	16.10%	25.99%	52.22%	12.16%	-26.89%
UNG	U.S. Natural Gas Fund	Oil & Gas	23	-12.70%	-7.31%	26.63%	86.09%	29.74%	-80.62%
XRT	SPDR S&P Retail *	Consumer Discretionar	22	10.78%	7.84%	9.56%	58.02%	9.81%	-0.81%
KRE	SPDR S&P Region.Banking	Specialty-Financial	22	6.20%	17.42%	18.65%	44.12%	11.30%	-0.20%
IXC	S&P Global Energy	Energy Equities	20	-0.96%	13.84%	23.69%	42.15%	11.62%	-26.71%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	20	5.22%	3.77%	7.31%	65.55%	18.24%	-1.99%
SMH	VanEch Vectors Semiconductor	Technology Equities	19	14.47%	8.05%	16.76%	36.47%	16.84%	-1.41%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	19	14.94%	8.81%	17.22%	36.76%	17.18%	-0.90%
IGE	iShares North American Natural Resources	Commodity Producers	19	1.75%	12.76%	20.86%	39.59%	10.75%	-14.54%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	18	3.92%	10.52%	12.95%	43.51%	10.66%	-1.49%
KBE	SPDR S&P Bank	Specialty-Financial	18	4.49%	14.20%	15.04%	37.88%	9.59%	-0.40%
DBC	PowerShares DB Commodity Index	Commodities	17	-0.65%	8.54%	16.53%	45.31%	13.91%	-2.20%
GSG	iShares GSCI Commodity Index	Commodities.	17	-0.67%	7.67%	16.53%	43.47%	12.89%	-5.50%
XME	SPDR S&P Metals & Mining	Commodity Producers	17	6.50%	8.22%	13.06%	40.58%	10.66%	-1.57%
IJS	S&P SmallCap 600/BARRA Value	Small Value	16	6.00%	11.04%	12.62%	35.73%	7.55%	-36.30%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	16	8.10%	5.99%	7.77%	40.25%	10.31%	-0.97%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	15	9.27%	5.93%	10.79%	32.14%	17.31%	-1.14%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	15	9.85%	7.16%	13.75%	29.20%	9.05%	-1.90%
IWN	Russell 2000 Value	Small Value	15	5.44%	9.17%	12.91%	32.95%	7.59%	-0.97%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	15	9.11%	9.93%	15.45%	26.33%	14.08%	-3.86%
FXO	1st Trust Financials AlphaDEX	Financial Equities	15	3.09%	7.35%	8.91%	40.11%	9.11%	-1.17%
IJR	S&P Sm.Cap 600	Small Blend	14	6.41%	9.37%	11.89%	30.29%	7.89%	-0.48%
IYT	Dow Jones Transportation	Transportation Equities	14	7.86%	11.35%	10.48%	25.55%	7.40%	-0.87%
VFH	Vanguard Financials	Financials Equities	14	3.69%	7.27%	8.60%	37.24%	9.97%	-0.96%
ITB	iShares DJ US Home Construction	Building and Constructi	14	8.41%	7.14%	6.52%	35.18%	8.51%	-2.15%
DJP	Bloomberg Commodity Index	Commodities	14	-1.54%	5.11%	14.11%	37.03%	12.02%	-2.97%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	14	5.04%	8.31%	9.68%	32.30%	7.92%	-0.38%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	13	5.93%	9.47%	8.73%	26.95%	6.46%	-60.47%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	13	7.88%	6.93%	11.90%	25.01%	10.61%	-3.23%
VBR	Vanguard SmallCap Value	Small Cap Value	13	4.80%	7.95%	10.68%	29.90%	7.64%	-0.53%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	13	4.87%	7.52%	8.93%	30.57%	7.11%	-34.88%
RPV	Guggenheim S&P 500 Pure Value	Large Value	13	3.62%	7.24%	8.73%	33.09%	6.68%	-0.26%
IYF	Dow Jones US Financial Sector	Specialty-Financial	13	3.37%	6.60%	7.31%	33.25%	9.65%	-37.97%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	13	6.93%	7.60%	11.05%	24.80%	8.28%	-31.84%
IYW	Dow Jones US Technology	Technology Equities	13	6.77%	4.46%	8.75%	32.29%	14.56%	-1.68%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	13	3.20%	6.33%	7.45%	33.58%	8.50%	-1.53%
RWR	Wilshire REIT Fund	Real Estate	13	4.30%	5.51%	6.63%	34.54%	11.55%	0.00%

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XLF	Financial Select Sector *	Financial Equities	13	2.90%	6.12%	6.94%	35.89%	8.94%	-1.38%
VAW	Vanguard Materials VIPERS	Materials	12	6.78%	7.91%	7.84%	24.54%	8.29%	0.00%
IWM	Russell 2000	Small Blend	12	5.93%	7.68%	12.89%	22.03%	6.57%	-1.36%
RSX	Market Vectors Russia	Emerging Markets Equi	12	-1.14%	5.74%	12.14%	32.75%	13.01%	-3.84%
IYM	Dow Jones US Basic Mat's	Materials	12	5.69%	8.65%	8.74%	24.02%	8.01%	-0.42%
IJH	S&P MidCap 400	Mid-Cap Blend	12	5.40%	6.99%	9.29%	25.55%	7.47%	-0.47%
MDY	MidCap Trust Series I	Mid-Cap Blend	12	5.35%	7.05%	9.34%	25.55%	7.51%	-0.49%
PKW	PowerShares Buyback Achievers	All Cap Equities	12	3.91%	5.31%	5.79%	32.70%	8.79%	-0.81%
XLK	Technology Select *	Technology Equities	12	6.87%	4.66%	7.51%	27.13%	12.95%	-1.60%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	12	4.27%	6.94%	7.10%	28.25%	12.10%	0.00%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	12	3.68%	6.87%	8.21%	28.78%	7.09%	-55.82%
FV	First Trust VL Dividend	Large Cap Value Equiti	12	6.87%	6.31%	9.48%	25.28%	8.91%	-1.03%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	11	6.64%	4.08%	7.19%	27.44%	12.70%	-1.56%
IVW	S&P 500/BARRA Growth	Large Growth	11	6.63%	4.03%	7.08%	27.31%	12.69%	-1.59%
VGT	Vanguard Info Technology	Technolgy Equities	11	6.51%	4.60%	8.03%	25.52%	12.60%	-1.60%
SPYG	S&P 500 Growth	Large Cap Growth	11	6.63%	4.09%	7.15%	27.36%	12.71%	-1.54%
IYC	iShares US Consumer Services	Consumer Discretionar	11	6.29%	6.48%	9.61%	20.24%	9.07%	-69.40%
EWC	iShares Canada Index	Foreign Large Cap Equi	11	1.94%	5.96%	8.98%	27.95%	8.01%	-1.00%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	11	5.94%	6.19%	9.60%	20.44%	7.73%	-66.16%
XLB	Materials Select Sector *	Materials	11	6.59%	7.70%	7.37%	23.54%	8.40%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	11	5.91%	3.80%	7.60%	26.21%	12.23%	-1.98%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	11	1.95%	3.13%	4.73%	36.06%	11.24%	-0.40%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	11	3.86%	4.96%	5.84%	27.69%	7.00%	-0.44%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	11	5.75%	4.37%	6.63%	26.18%	6.33%	-0.50%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	11	5.30%	6.61%	11.52%	22.25%	6.41%	-1.22%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	11	-0.83%	4.80%	8.32%	29.95%	8.40%	-2.56%
VB	Vanguard SmallCap	Small Cap Blend	11	4.44%	5.83%	10.20%	21.76%	6.75%	-0.97%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	11	6.63%	4.26%	7.30%	27.00%	12.44%	-1.48%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	11	3.82%	4.70%	5.85%	27.80%	6.89%	-0.52%
RSP	Guggenheim S&P Equal Weight	Large Blend	10	3.67%	4.18%	5.65%	26.13%	7.51%	-0.41%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	10	3.85%	4.74%	7.98%	21.44%	6.53%	-0.67%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	5.47%	2.74%	6.51%	25.08%	11.28%	-2.09%
VUG	Vanguard Growth	Large Cap Growth	10	5.49%	3.14%	6.89%	24.66%	11.36%	-1.93%
IWS	Russell MidCap Value	Mid-Cap Value	10	3.18%	4.77%	6.36%	25.65%	6.49%	-0.34%
SCHB	Schwab U.S. Broad Market	All Cap Equities	10	4.65%	3.91%	6.12%	23.39%	8.56%	-1.16%
IWF	Russell 1000 Growth	Large Growth	10	6.00%	3.50%	7.15%	24.37%	11.70%	-1.79%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10	5.05%	4.76%	8.77%	22.40%	11.24%	-1.59%
SCHH	Schwab U.S. REIT	Real Estate	10	3.83%	2.88%	4.00%	30.66%	9.65%	-0.70%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	10	6.54%	3.25%	7.32%	24.49%	11.59%	-2.01%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	10	3.15%	4.64%	6.23%	25.98%	6.56%	0.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	10	4.19%	3.83%	5.50%	25.30%	8.03%	-0.35%
VNQ	Vanguard REIT Index	Real Estate	10	3.09%	2.23%	3.48%	29.22%	8.76%	-1.05%
ICF	Cohen & Steers Realty	Real Estate	10	4.01%	1.99%	2.64%	31.37%	9.98%	-43.81%
VO	Vanguard Mid-Cap	Mid-Cap Blend	10	4.13%	4.62%	7.48%	24.32%	8.94%	-0.77%

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IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	10	7.84%	5.46%	6.35%	19.52%	6.93%	-0.72%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	10	3.95%	5.06%	9.34%	19.76%	6.49%	-1.39%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	10	4.83%	3.72%	5.44%	24.07%	8.95%	-1.12%
IVV	S&P 500	Large Blend	10	4.83%	3.71%	5.42%	24.07%	9.00%	-1.10%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	9	3.42%	3.98%	6.78%	22.96%	7.41%	-62.39%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	9	6.35%	0.23%	7.58%	22.17%	4.19%	-1.14%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	9	8.82%	17.24%	20.25%	-11.74%	3.49%	-25.26%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	5.58%	3.75%	4.14%	23.84%	9.50%	-0.81%
IWO	Russell 2000 Growth	Small Growth	9	6.52%	6.29%	12.96%	12.05%	5.61%	-4.57%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	9	-0.33%	5.12%	9.57%	21.95%	3.89%	-3.16%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	9	5.06%	3.43%	4.99%	22.96%	9.14%	-0.75%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	9	0.08%	5.70%	9.99%	20.74%	4.02%	-2.82%
MOO	VanEck Vectors Agribusiness	Commodity Producers	9	2.33%	3.26%	6.36%	23.28%	5.14%	-0.80%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	9	7.77%	5.47%	9.60%	12.82%	10.27%	-1.92%
VV	Vanguard LargeCap	Large Cap Blend	9	4.63%	3.64%	5.51%	23.53%	8.91%	-1.15%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	9	4.65%	3.89%	6.03%	23.35%	8.54%	-1.14%
IWB	Russell 1000 Index	Large Blend	9	4.53%	3.58%	5.61%	23.16%	8.60%	-1.14%
IGV	iShares North American Tech-Software	Technology Equities	9	3.13%	3.81%	7.86%	23.09%	12.82%	-2.39%
IWV	Russell 3000 Index	All Cap Equities	9	4.60%	3.85%	6.09%	23.17%	8.49%	-1.16%
VTI	Total Stock Market VIPERs	All Cap Equities	9	4.62%	3.93%	6.14%	23.29%	8.55%	-1.15%
IYR	Dow Jones US Real Estate	Real Estate	9	2.61%	2.02%	3.32%	28.42%	8.78%	-1.15%
INDA	iShares MSCI India	Emerging Markets Equi	9	-0.48%	0.46%	9.59%	24.74%	11.28%	-1.03%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	9	4.28%	3.49%	4.28%	23.53%	7.51%	-0.28%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	9	4.67%	4.00%	3.96%	24.01%	9.19%	-0.38%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9	4.57%	3.65%	5.53%	23.55%	8.78%	-1.14%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	9	3.65%	3.44%	4.17%	23.33%	3.32%	-1.41%
VIS	Vanguard Industrials	industrials Equities	9	4.95%	6.09%	5.72%	20.88%	5.71%	-0.83%
SPY	SPDR S&P 500	Large Cap Blend	9	4.81%	3.71%	5.44%	24.04%	8.99%	-1.10%
EWD	iShares Sweden Index	Europe Stock	8	3.33%	0.92%	4.13%	21.73%	3.40%	-1.90%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	8	4.22%	3.53%	2.77%	19.77%	6.05%	-0.11%
XLI	Industrial Select Sector *	Industrial Equities	8	4.07%	4.59%	3.61%	19.77%	4.77%	-0.97%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	8	3.87%	3.54%	8.31%	17.12%	8.72%	-2.50%
EWN	iShares Netherlands Index	Europe Stock	8	3.33%	-1.92%	4.15%	27.02%	6.85%	-2.36%
EWQ	iShares France Index	Europe Stock	8	3.56%	3.56%	5.56%	19.93%	6.21%	-1.38%
KIE	SPDR S&P Insurance	Specialty-Financial	8	0.99%	6.33%	5.02%	21.59%	6.00%	-56.49%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	8	-1.46%	0.73%	9.31%	24.22%	10.52%	-1.79%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	8	3.39%	3.48%	3.72%	20.98%	5.71%	-0.46%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	5.22%	2.24%	2.72%	22.58%	7.28%	0.00%
VTV	Vanguard Value	Large Cap Value	8	3.59%	4.30%	3.69%	21.84%	5.79%	-0.14%
VYM	Vanguard High Div. Yield Index	Large Cap Value	8	3.56%	4.55%	3.97%	20.59%	5.56%	0.00%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	8	3.66%	5.07%	3.97%	17.60%	5.25%	0.00%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	8	14.55%	20.44%	16.32%	-19.11%	-4.67%	-40.49%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	8	2.51%	4.53%	3.00%	21.44%	6.89%	-14.63%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	8	3.07%	2.69%	3.57%	23.86%	7.42%	-0.49%

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IWP	Russell MidCap Growth	Mid-Cap Growth	8	3.79%	2.58%	7.42%	17.77%	9.01%	-1.74%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	4.03%	3.79%	3.82%	21.72%	7.19%	0.00%
DVY	iShares Select Dividend Index	Large Cap Value	8	1.62%	3.06%	3.52%	25.55%	3.54%	-1.88%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	8	4.14%	3.92%	2.92%	20.21%	6.73%	-0.13%
IWD	Russell 1000 Value	Large Value	8	2.94%	3.73%	3.96%	21.75%	5.36%	-0.40%
SCHD	Schwab US Dividend Equity	All Cap Equities	8	2.95%	3.79%	3.16%	23.04%	4.98%	0.00%
PIN	PowerShares India Portfolio	Emerging Markets Equi	8	-0.62%	-0.65%	8.15%	25.25%	10.84%	-44.93%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	8	4.63%	4.19%	3.45%	17.94%	7.43%	-0.46%
PPLT	ETFS Physical Platinum Shares	Precious Metals	8	2.41%	16.04%	11.71%	0.74%	-2.11%	-15.03%
ACWI	iShares MSCI ACWI	Global Equities	7	3.44%	2.45%	4.84%	17.21%	5.82%	-0.83%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	7	1.42%	3.09%	3.69%	20.30%	2.48%	-3.52%
VBK	Vanguard SmallCap Growth	Small Cap Growth	7	4.07%	3.35%	9.68%	12.32%	5.56%	-1.68%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	7	5.63%	12.23%	12.08%	-3.66%	2.55%	-22.08%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	7	5.63%	13.71%	12.99%	-3.19%	2.55%	-21.76%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	7	3.33%	4.33%	3.59%	15.30%	3.94%	-1.91%
SDY	SPDR Dividend ETF	Large Value	7	3.50%	4.47%	2.67%	19.24%	3.94%	-0.91%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	7	3.20%	1.88%	4.21%	17.85%	5.57%	-0.10%
VT	Vanguard Total World Stock Index	Global Equities	7	3.37%	1.95%	4.65%	16.89%	5.37%	-0.92%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	7	0.92%	4.10%	3.17%	19.68%	1.98%	-3.84%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	7	3.12%	1.72%	4.28%	18.28%	5.66%	-0.03%
IVE	S&P 500/BARRA Value	Large Value	7	2.72%	3.20%	3.42%	20.24%	4.82%	-0.52%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	7	2.96%	3.24%	2.86%	17.55%	4.99%	-1.33%
FEZ	SPDR Euro Stoxx 50	Europe Stock	6	3.62%	1.36%	3.46%	16.01%	3.71%	-1.93%
EWI	iShares Italy Index	Europe Stock	6	3.20%	3.70%	3.42%	15.05%	4.60%	-1.74%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	6	3.24%	7.78%	13.58%	1.25%	9.66%	-18.02%
VGK	Vanguard European	Europe Equities	5	2.50%	0.35%	1.37%	15.17%	3.40%	-1.73%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	5	6.20%	4.32%	0.22%	8.76%	5.18%	-1.67%
IEV	S&P Europe 350 Index	Europe Stock	5	2.60%	1.25%	2.15%	15.15%	3.72%	-1.04%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5	2.75%	1.54%	0.84%	14.42%	5.85%	-0.78%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	5	1.50%	-2.76%	7.79%	12.96%	3.83%	-2.92%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	5	-0.65%	4.06%	3.40%	12.64%	0.72%	-55.51%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	2.50%	2.85%	2.33%	12.90%	2.78%	-0.72%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	5	2.14%	2.30%	1.66%	15.88%	2.72%	-2.42%
EWU	iShares United Kingdom Index	Europe Stock	5	0.21%	1.95%	3.04%	14.51%	2.51%	-11.46%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	0.63%	3.57%	4.33%	12.15%	3.14%	-14.54%
EWL	iShares Switzerland Index	Europe Stock	5	4.81%	3.09%	0.24%	13.59%	5.85%	-0.96%
EWK	iShares Belgium Index	Europe Stock	5	3.36%	2.59%	1.47%	12.95%	2.44%	-4.52%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	0.43%	-2.95%	6.45%	16.15%	3.05%	-3.04%
VHT	Vanguard Health Care	Health & Biotech Equiti	5	4.08%	-0.12%	-0.71%	15.13%	5.09%	-3.10%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	5	4.56%	0.21%	-1.62%	17.37%	6.01%	-2.70%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	5	1.88%	1.35%	0.75%	15.77%	2.84%	-0.93%
EZU	European Monetary Union Index	Europe Stock	5	2.83%	0.51%	2.07%	15.25%	3.51%	-1.42%
SLV	iShares Silver Trust	Precious Metals	5	7.11%	9.88%	8.55%	-4.97%	-0.51%	-13.52%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	5	1.55%	-0.82%	3.47%	13.94%	2.65%	-2.25%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	3.45%	1.63%	0.93%	15.02%	3.27%	-0.36%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	5	3.94%	2.50%	-0.76%	13.31%	1.54%	-2.73%
SIL	Global X Silver Miners	Commodity Producers	5	7.23%	10.08%	11.08%	-8.59%	-0.13%	-22.19%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	0.50%	0.97%	-0.07%	16.74%	0.77%	-4.86%
IYJ	Dow Jones US Industrial	Industrial Equities	5	1.65%	1.17%	0.68%	15.86%	2.40%	-41.70%
IYH	Dow Jones US Healthcare	Specialty-Health	5	3.95%	-0.13%	-1.31%	16.84%	5.66%	-3.04%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	4	1.55%	-2.84%	7.76%	11.36%	3.02%	-2.89%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	4	2.97%	-1.05%	0.27%	15.34%	3.99%	-2.35%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	4	0.84%	-1.31%	3.42%	14.13%	2.92%	-2.52%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4	4.29%	0.48%	-1.27%	14.24%	5.68%	-29.03%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	4	6.09%	8.23%	5.14%	-2.23%	0.96%	-9.12%
EZA	iShares South Africa Index	Emerging Markets Equi	4	-1.83%	3.35%	5.31%	9.90%	-1.84%	-36.59%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	2.04%	-0.77%	2.27%	10.94%	2.33%	-1.45%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	1.84%	-1.04%	2.18%	11.20%	2.19%	-1.75%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	0.83%	-0.08%	2.56%	14.07%	1.27%	-3.91%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	1.74%	0.00%	3.49%	9.76%	1.54%	-2.36%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	1.75%	0.28%	3.50%	8.65%	1.29%	-2.55%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	4	2.23%	1.46%	-0.03%	14.07%	5.08%	-0.82%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	4	1.97%	1.70%	2.68%	8.97%	4.12%	-0.26%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4	1.77%	-0.67%	2.35%	11.47%	2.12%	-1.71%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	4	1.82%	-1.38%	-0.66%	16.03%	1.39%	-5.31%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	4	3.05%	2.12%	1.09%	9.20%	4.34%	-0.36%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	4	3.60%	-1.00%	2.82%	11.01%	4.46%	-1.69%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	1.47%	1.26%	5.42%	6.88%	2.87%	-4.02%
XLP	Consumer Staples Select *	Consumer Staples	3	2.62%	1.52%	0.28%	7.99%	4.28%	-0.22%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	0.40%	-0.48%	1.70%	10.32%	0.18%	-12.59%
GLD	SPDR Gold Shares	Precious Metals	3	3.64%	6.15%	4.51%	-2.38%	4.02%	-10.20%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	3	1.69%	-0.66%	2.73%	8.40%	0.88%	-3.09%
UUP	PowerShares DB US Dollar Bullish	Currency	3	1.19%	2.41%	1.51%	5.32%	3.05%	-9.11%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	3	1.38%	1.70%	6.34%	3.43%	-0.70%	-8.46%
IAU	iShares Gold Trust	Precious Metals	3	3.65%	6.17%	4.54%	-2.23%	4.09%	-10.07%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	1.69%	-1.13%	2.09%	10.85%	1.85%	-2.06%
VOX	Vanguard Telecom Serv's	Communication Equitie	3	-0.69%	-4.09%	-0.38%	17.92%	1.28%	-5.92%
VXUS	Vanguard Total International Stock	Global Equities	3	1.61%	-0.59%	2.82%	9.14%	1.08%	-2.73%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	3	0.42%	0.77%	7.49%	1.52%	-0.07%	-23.09%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	1.54%	0.76%	5.45%	3.85%	-0.88%	-7.88%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	3	2.25%	0.52%	0.90%	10.11%	3.90%	-1.20%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3	0.97%	-3.11%	1.48%	11.34%	1.45%	-3.77%
ECH	iShares Chile Index	Latin America	2	16.41%	-0.40%	2.53%	-8.87%	-6.64%	-50.99%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	2.69%	-3.73%	-1.24%	11.74%	3.10%	-5.99%
EWA	iShares Australia Index	Asia Pacific Equities	2	-0.77%	-0.31%	2.22%	7.89%	-0.22%	-5.62%
EWG	iShares Germany Index	Europe Stock	2	2.13%	-1.39%	-1.25%	7.27%	-0.69%	-6.58%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	2	1.05%	0.52%	4.68%	0.37%	-2.61%	-10.52%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	2.05%	0.94%	-0.78%	6.02%	1.02%	-3.82%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	2	1.10%	0.63%	4.98%	2.58%	-1.73%	-8.38%
EWW	iShares Mexico Index	Latin America Stock	2	-0.59%	-4.23%	-0.31%	13.21%	3.01%	-15.53%
IDU	Dow Jones US Utilities	Utilities Equities	2	1.58%	0.11%	-2.20%	7.10%	2.70%	-53.06%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	0.52%	-0.16%	-3.42%	8.42%	1.27%	-4.62%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	1	-1.34%	1.00%	1.00%	2.92%	-4.39%	-33.58%
EWP	iShares Spain Index	Europe Stock	1	0.32%	1.45%	-0.53%	3.29%	-1.29%	-22.93%
IYZ	Down Jones US Telecom	Commun. Equities	1	0.87%	-3.58%	-3.09%	7.94%	-1.25%	-10.73%
VPU	Vanguard Utilities VIPERS	Utilities Equities	1	1.63%	-0.23%	-2.67%	6.60%	2.30%	-6.29%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	1.13%	0.76%	0.81%	2.61%	2.14%	-0.30%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.77%	-0.74%	-0.04%	2.43%	0.48%	-0.87%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	1	-3.69%	0.88%	0.88%	4.81%	-9.89%	-59.66%
RWX	SPDR DJ Wil Intern. RE	Real Estate	1	0.91%	-2.27%	-2.24%	7.30%	0.19%	-15.15%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	1	1.19%	3.74%	2.60%	-2.47%	-1.18%	-15.80%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1	1.16%	0.48%	4.03%	-2.42%	-4.27%	-14.34%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	-0.08%	-0.10%	0.22%	5.37%	-1.82%	-6.54%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	1.30%	1.06%	1.00%	2.19%	2.16%	-0.32%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	1	-2.01%	-2.66%	1.06%	6.73%	-2.03%	-12.67%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	1	1.05%	-1.49%	-1.45%	6.26%	0.09%	-11.41%
FXI	iShares China 25 Index	China Equities	1	2.70%	4.36%	6.05%	-10.83%	-6.68%	-23.99%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	1	0.69%	-2.13%	-2.85%	6.74%	-0.33%	-8.55%
XLU	Utilities Select Sector *	Utilities Equities	1	1.24%	-1.11%	-3.45%	6.36%	2.05%	-6.04%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.02%	0.02%	0.02%	0.12%	-0.01%	-0.61%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.37%	-0.76%	0.07%	1.15%	-0.33%	-3.13%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0	0.21%	-2.02%	-3.31%	6.29%	-1.04%	-9.44%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
EWJ	iShares Japan Index	Japan Stock	0	1.11%	-6.59%	3.71%	2.25%	-0.05%	-6.80%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.31%	-1.12%	-0.15%	0.00%	-0.14%	-1.17%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	0.00%	-0.18%	0.54%	-0.49%	0.00%	-5.34%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	0	-0.51%	-1.44%	-0.51%	0.99%	0.22%	-3.45%
MCHI	iShares MSCI China	China Equities	0	1.39%	3.65%	6.16%	-12.75%	-9.06%	-27.31%
PZA	Pshares Insured National Munis	National Munis	0	0.56%	-0.55%	-0.84%	-0.33%	-0.23%	-1.82%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.05%	-0.08%	-0.10%	-0.27%	-0.12%	-0.56%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.44%	-0.98%	-0.18%	-0.09%	-0.71%	-5.48%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.36%	-0.80%	0.11%	0.69%	-0.24%	-2.97%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	-0.51%	-2.96%	-2.60%	5.70%	-3.06%	-13.18%
JXI	iShares S&P Global Utilities	Utilities Equities	0	1.55%	-0.85%	-3.58%	2.56%	0.66%	-4.66%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	-0.34%	-1.35%	-0.92%	1.34%	-0.01%	-1.40%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-0.63%	-1.46%	-0.30%	-0.55%	-0.62%	-2.42%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.71%	-1.21%	-1.17%	-1.96%	-1.15%	-1.96%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.61%	-1.11%	-1.13%	-2.03%	-1.15%	-2.50%
BNDX	Vanguard Total International Bond	Total Bond Market	-1	-0.07%	-0.84%	-1.90%	-2.78%	-0.56%	-3.88%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.34%	-0.60%	-0.59%	-0.80%	-0.59%	-1.97%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-1	3.17%	-0.86%	-0.74%	-6.74%	6.19%	-19.77%
EWH	iShares Hong Kong Index	China Equities	-1	1.58%	-0.61%	-5.19%	-0.69%	-6.77%	-12.92%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.57%	-1.05%	-1.01%	-1.87%	-0.95%	-1.87%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-1	-0.57%	-1.40%	-1.33%	0.42%	-0.39%	-1.55%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-1	0.51%	-5.23%	0.99%	1.47%	-2.16%	-5.72%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.34%	-0.58%	-0.57%	-0.78%	-0.57%	-1.26%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	-0.53%	-1.39%	-0.21%	-0.37%	-0.54%	-66.58%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.35%	-0.59%	-0.57%	-0.88%	-0.60%	-1.53%
BAB	PowerShares Build America Bond Portfolio	National Munis	-1	-0.30%	-1.64%	-2.14%	-1.49%	0.19%	-4.73%
MUB	iShares S&P National Muni Bond	National Munis	-1	0.20%	-0.58%	-0.84%	-0.88%	-0.47%	-1.50%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-2	-0.37%	-1.39%	-1.56%	-3.42%	-0.58%	-4.82%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	-0.65%	-1.74%	-1.92%	-3.07%	-0.98%	-3.13%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-2	-1.32%	-2.03%	-1.32%	-2.16%	-1.04%	-3.49%
BLV	Vanguard Long Term Bond	Long-Term Bond	-2	0.65%	-1.79%	-1.62%	-5.25%	1.78%	-11.61%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	-0.63%	-1.47%	-1.69%	-3.23%	-1.39%	-5.28%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-2	8.18%	-0.76%	-1.33%	-15.70%	-4.19%	-52.59%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-2	-0.92%	-1.82%	-2.10%	-3.31%	-1.57%	-4.12%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-2	-0.44%	-1.41%	-1.56%	-3.26%	-0.63%	-4.42%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-2	-0.62%	-3.58%	6.42%	-10.28%	-4.99%	-27.40%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	-0.86%	-1.89%	-2.27%	-3.79%	-1.51%	-5.73%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	1.44%	-1.27%	-1.64%	-6.18%	3.14%	-13.75%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-2	2.03%	-1.81%	-1.90%	-7.98%	4.27%	-21.42%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	-0.41%	-1.40%	-1.60%	-3.52%	-0.74%	-5.02%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	0.37%	-1.76%	-1.19%	-3.61%	1.70%	-5.22%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	-0.30%	-1.42%	-1.71%	-2.97%	-0.41%	-6.61%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-2	-0.95%	-2.13%	-2.19%	-3.80%	-1.14%	-3.83%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-2	-0.62%	-1.44%	-1.64%	-3.01%	-1.24%	-3.59%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	-0.85%	-1.89%	-2.25%	-3.71%	-1.46%	-4.92%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-2	-1.42%	-2.04%	-1.26%	-2.29%	-1.12%	-3.89%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-2	-0.43%	-1.87%	-1.49%	-3.63%	0.08%	-4.33%
BBH	VanEck Vectors Biotech	Health & Biotech	-3	-3.53%	-12.86%	-8.74%	11.30%	-2.94%	-14.44%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-3	-0.69%	-3.16%	-2.64%	-5.70%	-1.76%	-7.35%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-3	-0.02%	-2.34%	-2.98%	-7.07%	1.02%	-14.14%
FXB	CurrencyShares British Pound	Currency	-3	-2.35%	-3.18%	-2.06%	-2.62%	-3.64%	-11.55%
FXE	CurrencyShares Euro Currency Trust	Currency	-3	-1.36%	-2.87%	-2.21%	-7.11%	-4.03%	-11.53%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-3	-0.68%	-3.13%	-2.70%	-5.71%	-1.82%	-6.81%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-3	-0.93%	-2.19%	-2.58%	-4.72%	-1.46%	-6.25%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-3	-0.68%	-2.10%	-2.77%	-4.64%	-0.89%	-7.05%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-4	-1.11%	-3.14%	-3.44%	-9.09%	-3.76%	-9.73%
EWM	iShares Malaysia Index	Emerging Markets Equi	-4	-5.04%	-2.00%	3.04%	-11.74%	-4.10%	-30.30%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-4	-0.45%	-3.65%	-3.34%	-7.63%	-2.62%	-13.93%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-2.10%	0.34%	-2.74%	-13.00%	-3.83%	-50.32%
FXY	CurrencyShares Japanese Yen Trust	Currency	-5	-0.44%	-3.90%	-3.88%	-9.97%	-3.93%	-14.84%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-5	-2.98%	-7.41%	-3.39%	-4.77%	-4.62%	-13.45%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-5	-1.08%	-5.94%	-5.24%	-8.60%	-10.81%	-18.26%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-5	-2.82%	-11.07%	-6.80%	1.27%	-4.23%	-54.99%

<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>
DOG	ProShares Short Dow 30	Bear Market	-7	-2.97%	-3.70%	-3.61%	-17.63%	-6.13%	-63.90%
ILF	iShares S&P 40 Latin America	Latin America Stock	-7	-2.67%	-7.49%	-7.76%	-11.69%	-9.87%	-34.38%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-9	-4.74%	-4.29%	-5.89%	-21.76%	-9.65%	-66.24%
EWZ	iShares Brazil Index	Latin America Stock	-9	-3.11%	-8.12%	-8.71%	-15.13%	-11.68%	-35.01%
HDGE	Ranger Equity Bear	Inverse Equities	-9	-4.73%	-4.16%	-6.69%	-20.83%	-2.52%	-78.64%
PSQ	ProShares Short QQQ	Inverse Equities	-10	-6.32%	-3.89%	-7.72%	-22.83%	-12.07%	-80.01%
RWM	ProShares Short Russell2000	Inverse Equities	-12	-6.02%	-8.08%	-12.69%	-22.62%	-8.31%	-68.83%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-20	2.93%	-1.76%	0.61%	-80.26%	-71.90%	-82.61%