

HV ETF Master List as of 11/18/2021

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	28	-2.31%	12.70%	26.33%	75.56%	16.46%	-19.68%
FXN	1st Trust Energy AlphaDEX	Energy Equities	23	-1.58%	12.55%	23.22%	57.45%	14.31%	-31.41%
XRT	SPDR S&P Retail *	Consumer Discretionar	22	9.15%	8.78%	8.65%	61.18%	11.31%	-0.47%
IYE	Dow Jones US Energy	Specialty-Natural Res.	22	0.16%	12.62%	19.97%	54.35%	12.01%	-28.07%
SMH	VanEch Vectors Semiconductor	Technology Equities	22	15.10%	13.59%	16.10%	42.04%	21.04%	0.00%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	21	1.26%	6.55%	8.52%	66.69%	17.82%	-1.31%
VDE	Vanguard Energy VIPERS	Energy Equities	21	-1.32%	10.99%	19.25%	54.59%	10.54%	-26.40%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	21	14.78%	13.01%	16.01%	41.42%	20.56%	0.00%
XLE	Energy Select Sector *	Energy Equities	20	-0.91%	12.61%	18.45%	50.11%	9.90%	-27.91%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	19	9.01%	11.53%	8.07%	45.49%	13.74%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	18	9.63%	12.90%	7.71%	40.22%	12.05%	0.00%
UNG	U.S. Natural Gas Fund	Oil & Gas	18	-9.86%	-7.15%	11.36%	77.93%	22.77%	-81.47%
KRE	SPDR S&P Region.Banking	Specialty-Financial	18	2.80%	13.51%	13.94%	42.52%	9.50%	-1.31%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	18	8.82%	14.28%	16.82%	30.93%	17.67%	-0.36%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	17	9.84%	10.42%	12.02%	34.43%	13.35%	0.00%
IXC	S&P Global Energy	Energy Equities	16	-2.66%	9.44%	17.04%	40.37%	9.58%	-27.62%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	15	7.69%	8.18%	10.03%	35.01%	19.16%	-0.36%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	15	7.57%	10.53%	12.50%	29.16%	13.83%	-0.03%
IYW	Dow Jones US Technology	Technology Equities	15	6.66%	8.71%	8.99%	36.22%	17.32%	0.00%
DBC	PowerShares DB Commodity Index	Commodities	15	-1.49%	6.86%	11.76%	44.15%	12.24%	-2.98%
IGE	iShares North American Natural Resources	Commodity Producers	15	-0.34%	9.88%	14.11%	37.53%	8.50%	-15.80%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	14	6.42%	8.25%	8.27%	31.06%	15.29%	0.00%
KBE	SPDR S&P Bank	Specialty-Financial	14	0.35%	10.37%	9.92%	35.70%	7.34%	-1.97%
RWR	Wilshire REIT Fund	Real Estate	14	3.79%	8.17%	7.54%	35.88%	11.98%	0.00%
SPYG	S&P 500 Growth	Large Cap Growth	14	6.44%	8.38%	8.30%	31.00%	15.31%	0.00%
XLK	Technology Select *	Technology Equities	14	6.99%	8.60%	8.68%	30.80%	15.63%	0.00%
GSG	iShares GSCI Commodity Index	Commodities.	14	-1.79%	5.86%	10.89%	42.01%	11.07%	-6.46%
VGT	Vanguard Info Technology	Technolgy Equities	13	6.10%	7.64%	8.22%	28.56%	14.81%	0.00%
IWW	S&P 500/BARRA Growth	Large Growth	13	6.39%	8.21%	8.31%	30.95%	15.29%	0.00%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	13	-1.65%	7.19%	6.66%	41.23%	8.21%	-3.05%
IJS	S&P SmallCap 600/BARRA Value	Small Value	13	3.60%	7.33%	7.83%	33.50%	5.36%	-37.34%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	13	6.49%	7.71%	7.88%	28.05%	14.29%	0.00%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	13	2.93%	5.34%	5.77%	37.61%	11.79%	0.00%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	13	6.28%	8.11%	8.13%	30.43%	14.89%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	12	5.21%	7.32%	8.00%	29.42%	14.53%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	12	5.47%	6.86%	7.67%	28.90%	14.12%	0.00%
IWN	Russell 2000 Value	Small Value	12	2.78%	6.28%	7.30%	30.60%	5.31%	-2.72%
IWF	Russell 1000 Growth	Large Growth	12	5.57%	7.22%	7.71%	27.71%	14.17%	0.00%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	12	3.21%	7.61%	6.30%	31.70%	6.93%	-0.85%
IJR	S&P Sm.Cap 600	Small Blend	12	4.42%	6.67%	7.62%	28.78%	6.33%	-1.64%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	12	3.41%	7.03%	5.81%	30.24%	6.38%	-35.04%

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FXO	1st Trust Financials AlphaDEX	Financial Equities	12	-0.77%	6.54%	4.61%	38.33%	7.11%	-2.43%
DJP	Bloomberg Commodity Index	Commodities	12	-1.13%	4.88%	9.21%	36.39%	10.85%	-3.43%
IYC	iShares US Consumer Services	Consumer Discretionar	12	5.16%	8.74%	9.85%	22.60%	10.78%	-68.80%
XME	SPDR S&P Metals & Mining	Commodity Producers	12	1.66%	7.38%	4.20%	33.64%	4.46%	-6.43%
VUG	Vanguard Growth	Large Cap Growth	12	5.20%	6.79%	7.67%	28.11%	13.93%	0.00%
ICF	Cohen & Steers Realty	Real Estate	11	2.67%	4.27%	4.53%	32.76%	10.50%	-43.22%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	11	5.21%	5.81%	7.16%	23.83%	7.25%	-32.37%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	11	6.97%	3.78%	6.47%	25.57%	6.82%	0.00%
EWC	iShares Canada Index	Foreign Large Cap Equ	11	0.33%	6.91%	6.91%	28.50%	7.94%	-0.92%
VBR	Vanguard SmallCap Value	Small Cap Value	11	2.81%	6.57%	6.67%	28.99%	6.45%	-1.23%
SCHH	Schwab U.S. REIT	Real Estate	11	2.42%	4.81%	4.83%	31.37%	9.64%	-0.16%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	11	1.94%	6.26%	5.58%	28.24%	6.17%	-56.01%
FV	First Trust VL Dividend	Large Cap Value Equiti	11	4.39%	7.40%	6.86%	26.19%	9.33%	-0.87%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	11	4.43%	5.46%	5.00%	27.52%	7.12%	-1.05%
VFH	Vanguard Financials	Financials Equities	11	-0.72%	4.73%	4.03%	35.26%	7.73%	-2.39%
IYT	Dow Jones Transportation	Transportation Equities	11	3.24%	9.82%	7.56%	24.00%	5.59%	-2.10%
RPV	Guggenheim S&P 500 Pure Value	Large Value	10	-0.15%	6.04%	4.55%	30.91%	4.45%	-1.89%
XLF	Financial Select Sector *	Financial Equities	10	-1.52%	3.76%	2.49%	33.82%	6.64%	-2.88%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	10	4.51%	4.29%	4.71%	24.69%	8.05%	-0.13%
XLB	Materials Select Sector *	Materials	10	4.09%	8.97%	4.29%	22.21%	6.71%	-1.81%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	10	3.46%	5.45%	4.78%	24.47%	10.02%	-0.08%
IJH	S&P MidCap 400	Mid-Cap Blend	10	3.41%	6.45%	6.09%	25.21%	6.81%	-0.95%
IYF	Dow Jones US Financial Sector	Specialty-Financial	10	-1.00%	4.60%	4.10%	31.59%	7.64%	-38.74%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	10	3.56%	5.65%	5.28%	25.65%	9.86%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	10	3.21%	5.72%	5.06%	25.01%	9.60%	-0.11%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10	2.97%	5.53%	7.01%	23.76%	12.08%	-1.26%
IVV	S&P 500	Large Blend	10	3.55%	5.60%	5.21%	25.63%	9.87%	0.00%
VV	Vanguard LargeCap	Large Cap Blend	10	3.23%	5.45%	5.09%	25.03%	9.76%	-0.09%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	10	1.57%	5.23%	4.00%	27.39%	6.27%	-0.75%
PKW	PowerShares Buyback Achievers	All Cap Equities	10	0.70%	4.81%	2.52%	31.69%	7.39%	-1.56%
IYM	Dow Jones US Basic Mat's	Materials	10	3.06%	9.18%	4.68%	21.81%	5.57%	-2.53%
MDY	MidCap Trust Series I	Mid-Cap Blend	10	3.36%	6.79%	6.18%	25.24%	6.87%	-0.96%
SCHB	Schwab U.S. Broad Market	All Cap Equities	10	3.14%	5.58%	5.11%	24.53%	9.13%	-0.25%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	10	5.42%	6.49%	4.43%	24.04%	8.72%	-12.80%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	10	1.60%	5.17%	3.83%	27.64%	6.28%	-0.64%
SPY	SPDR S&P 500	Large Cap Blend	10	3.56%	5.99%	5.26%	25.64%	9.89%	0.00%
VNQ	Vanguard REIT Index	Real Estate	10	1.42%	3.24%	3.95%	29.60%	8.53%	-0.77%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	10	3.48%	7.08%	6.06%	25.08%	4.51%	-61.06%
VAW	Vanguard Materials VIPERS	Materials	10	4.17%	8.66%	4.38%	23.14%	6.55%	-2.01%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	10	-0.79%	4.99%	6.68%	29.64%	7.64%	-2.79%
IWS	Russell MidCap Value	Mid-Cap Value	9	1.34%	4.82%	3.98%	25.43%	5.89%	-0.92%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	9	1.43%	4.62%	3.60%	25.40%	5.64%	-1.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	9	3.15%	5.17%	5.02%	24.46%	9.08%	-0.25%
RSP	Guggenheim S&P Equal Weight	Large Blend	9	1.66%	4.66%	3.74%	25.99%	6.90%	-0.89%

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FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	9	2.03%	4.71%	3.78%	25.73%	7.98%	-0.71%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	3.50%	5.75%	3.80%	24.86%	9.85%	-0.68%
IWV	Russell 3000 Index	All Cap Equities	9	3.06%	5.21%	5.06%	24.29%	9.05%	-0.25%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	9	-1.72%	3.10%	2.66%	31.52%	6.21%	-3.06%
IYR	Dow Jones US Real Estate	Real Estate	9	0.87%	3.26%	3.99%	28.87%	8.61%	-0.80%
VTI	Total Stock Market VIPERs	All Cap Equities	9	3.13%	5.25%	5.18%	24.42%	9.11%	-0.26%
IWB	Russell 1000 Index	Large Blend	9	3.02%	5.20%	4.93%	24.50%	9.33%	-0.14%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	9	5.83%	3.05%	3.28%	23.42%	7.56%	-0.44%
VO	Vanguard Mid-Cap	Mid-Cap Blend	9	2.20%	5.06%	5.26%	24.73%	8.88%	-1.26%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	9	2.53%	4.78%	4.13%	24.74%	7.70%	0.00%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	9	3.51%	5.85%	6.51%	20.35%	7.40%	-66.18%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	9	2.12%	4.65%	3.13%	24.48%	9.12%	-0.81%
RSX	Market Vectors Russia	Emerging Markets Equi	8	-5.11%	1.78%	7.92%	27.58%	8.03%	-7.59%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	8	-0.64%	6.43%	5.97%	19.45%	2.64%	-3.86%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	8	2.06%	4.69%	2.74%	20.53%	6.58%	-0.50%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	8	1.35%	4.01%	4.00%	22.98%	7.05%	-62.38%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	8	2.49%	6.44%	4.31%	18.10%	5.39%	-0.68%
IWM	Russell 2000	Small Blend	8	3.03%	4.47%	6.66%	19.79%	4.47%	-3.17%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	8	2.77%	6.00%	3.77%	18.69%	7.68%	-0.48%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	3.66%	4.16%	3.83%	22.19%	7.17%	-0.16%
VB	Vanguard SmallCap	Small Cap Blend	8	1.78%	3.83%	5.35%	20.33%	5.26%	-2.13%
SCHD	Schwab US Dividend Equity	All Cap Equities	8	1.12%	4.48%	2.02%	22.64%	4.20%	-0.78%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	8	-0.81%	2.81%	4.01%	25.22%	8.87%	-2.37%
EWQ	iShares France Index	Europe Stock	8	3.78%	3.24%	5.08%	20.63%	6.39%	-0.82%
VIS	Vanguard Industrials	industrials Equities	8	2.54%	6.16%	3.65%	20.97%	5.37%	-0.90%
MOO	VanEck Vectors Agribusiness	Commodity Producers	8	1.11%	3.01%	4.52%	23.61%	5.10%	-0.53%
INDA	iShares MSCI India	Emerging Markets Equi	8	-0.10%	-0.56%	6.92%	23.77%	9.93%	-1.97%
EWN	iShares Netherlands Index	Europe Stock	8	1.83%	-0.13%	2.46%	28.13%	7.39%	-1.51%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	8	4.77%	5.46%	7.53%	13.87%	11.10%	-1.01%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	8	3.11%	5.43%	2.48%	19.98%	5.80%	-0.86%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	8	2.36%	4.23%	5.52%	20.40%	4.62%	-2.71%
IGV	iShares North American Tech-Software	Technology Equities	8	0.47%	4.02%	4.91%	23.68%	12.93%	-1.92%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equi	7	2.90%	2.61%	4.06%	18.27%	5.62%	-0.43%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	7	6.90%	19.86%	14.09%	-13.44%	1.63%	-26.70%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	7	-1.03%	4.66%	5.05%	20.28%	2.16%	-4.49%
KIE	SPDR S&P Insurance	Specialty-Financial	7	-2.19%	5.89%	2.91%	19.95%	4.14%	-57.07%
VTV	Vanguard Value	Large Cap Value	7	0.86%	3.86%	1.94%	21.02%	4.68%	-0.98%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	7	3.41%	5.33%	4.90%	15.25%	3.61%	-1.96%
ACWI	iShares MSCI ACWI	Global Equities	7	1.96%	3.60%	3.85%	17.90%	6.15%	-0.25%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	7	2.84%	2.52%	4.00%	18.71%	5.72%	-0.44%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	1.29%	2.67%	4.04%	18.28%	9.22%	-1.52%
IWD	Russell 1000 Value	Large Value	7	0.30%	3.03%	1.94%	20.92%	4.27%	-1.08%
DVY	iShares Select Dividend Index	Large Cap Value	7	-0.12%	2.47%	1.30%	24.36%	2.17%	-2.80%
XLI	Industrial Select Sector *	Industrial Equities	7	1.75%	5.58%	1.98%	20.00%	4.53%	-0.80%

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VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	1.12%	3.43%	4.50%	18.76%	5.45%	-2.21%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	7	0.82%	4.26%	4.61%	17.73%	4.95%	-2.21%
VYM	Vanguard High Div. Yield Index	Large Cap Value	7	1.35%	5.01%	2.57%	20.04%	4.70%	-0.78%
EWD	iShares Sweden Index	Europe Stock	7	0.73%	2.37%	1.77%	21.61%	2.96%	-2.00%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	7	-1.96%	-1.08%	6.30%	22.86%	8.89%	-2.87%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	7	4.42%	3.19%	2.26%	16.32%	4.18%	-0.06%
SDY	SPDR Dividend ETF	Large Value	7	2.10%	5.69%	1.83%	18.76%	3.18%	-1.31%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	7	1.31%	4.20%	2.33%	20.88%	5.23%	-0.74%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	7	1.29%	4.04%	4.01%	20.56%	5.47%	-1.43%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	7	1.02%	2.99%	1.54%	22.05%	1.96%	-2.44%
PIN	PowerShares India Portfolio	Emerging Markets Equi	7	0.07%	-1.10%	5.42%	24.08%	9.32%	-45.44%
EWL	iShares Switzerland Index	Europe Stock	6	3.59%	4.57%	0.91%	14.21%	6.11%	-0.41%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	6	0.95%	3.16%	4.31%	16.96%	8.39%	-2.63%
FEZ	SPDR Euro Stoxx 50	Europe Stock	6	3.02%	1.55%	2.24%	16.06%	3.46%	-1.88%
IVE	S&P 500/BARRA Value	Large Value	6	0.14%	2.56%	1.64%	19.50%	3.81%	-1.13%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	6	2.97%	-0.82%	7.11%	14.16%	4.77%	-1.89%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	6	4.46%	14.79%	8.59%	-5.00%	0.65%	-23.22%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	6	4.61%	14.55%	8.77%	-4.94%	1.19%	-23.11%
IWO	Russell 2000 Growth	Small Growth	6	3.28%	2.83%	6.02%	9.93%	3.70%	-6.38%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	6	0.95%	3.39%	2.04%	17.52%	4.59%	-1.36%
VT	Vanguard Total World Stock Index	Global Equities	6	1.95%	3.26%	3.35%	17.42%	5.57%	-0.48%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	6	-0.58%	3.58%	1.58%	18.12%	0.37%	-5.09%
EZU	European Monetary Union Index	Europe Stock	5	2.17%	0.83%	1.11%	15.49%	3.45%	-1.20%
IEV	S&P Europe 350 Index	Europe Stock	5	1.47%	1.62%	1.23%	15.23%	3.51%	-0.97%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	5	-0.64%	2.59%	0.42%	18.21%	0.40%	-5.19%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	5	3.82%	0.33%	0.35%	16.00%	4.31%	-1.79%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	5	2.01%	0.95%	-0.74%	17.93%	6.15%	-2.24%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	1.40%	3.19%	1.40%	14.65%	5.29%	-0.37%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5	1.04%	2.62%	1.15%	14.92%	5.94%	-0.55%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	5	0.89%	2.99%	0.83%	15.17%	1.80%	-3.02%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	0.00%	3.10%	3.45%	11.55%	2.37%	-15.01%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	5	2.86%	-0.87%	6.96%	12.47%	3.93%	-1.92%
EWI	iShares Italy Index	Europe Stock	5	0.81%	2.53%	3.16%	14.10%	3.49%	-2.55%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	3.19%	0.33%	2.58%	12.11%	5.30%	-0.71%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	1.07%	-1.84%	5.78%	16.37%	3.04%	-2.85%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	4	1.44%	1.58%	1.26%	10.53%	4.05%	-0.83%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	4	3.93%	3.10%	0.02%	7.90%	4.21%	-2.44%
IYJ	Dow Jones US Industrial	Industrial Equities	4	-0.68%	0.98%	-1.19%	15.60%	1.88%	-41.83%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	4	0.19%	0.88%	-0.87%	14.43%	1.36%	-2.07%
EWU	iShares United Kingdom Index	Europe Stock	4	-1.10%	1.49%	1.34%	13.86%	1.70%	-11.96%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	4	0.12%	6.78%	8.30%	-0.24%	7.86%	-19.24%
IYH	Dow Jones US Healthcare	Specialty-Health	4	1.38%	-0.15%	-1.17%	17.15%	5.63%	-2.78%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4	1.49%	0.07%	-1.06%	14.06%	5.22%	-29.14%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	0.65%	2.30%	1.40%	12.06%	1.76%	-1.46%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VGK	Vanguard European	Europe Equities	4	1.17%	1.12%	0.26%	15.11%	3.07%	-1.78%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	4	2.54%	2.52%	1.75%	8.54%	3.46%	-1.12%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	4	2.73%	2.17%	-0.62%	12.79%	1.07%	-3.17%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	-0.39%	0.86%	-1.05%	15.25%	-0.76%	-6.07%
VHT	Vanguard Health Care	Health & Biotech Equiti	4	1.25%	-0.58%	-1.21%	15.03%	4.76%	-3.19%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	-0.10%	0.73%	0.79%	13.57%	0.64%	-4.33%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	0.49%	0.46%	3.67%	10.39%	3.75%	-3.37%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4	1.06%	0.07%	1.34%	11.66%	2.13%	-1.54%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	0.33%	0.42%	1.48%	8.30%	0.90%	-2.87%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	-1.78%	1.36%	1.15%	12.47%	0.35%	-55.58%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	3	2.13%	1.75%	1.90%	8.21%	3.26%	-1.16%
XLP	Consumer Staples Select *	Consumer Staples	3	2.22%	2.44%	1.09%	7.21%	3.25%	-1.20%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	3	1.13%	-0.36%	1.14%	11.36%	2.17%	-1.61%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-0.81%	-1.20%	0.38%	13.47%	2.10%	-3.09%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	3	4.87%	20.10%	9.04%	-21.92%	-7.41%	-42.55%
GLD	SPDR Gold Shares	Precious Metals	3	4.31%	6.38%	3.74%	-2.48%	3.85%	-10.29%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	3	1.26%	-0.04%	1.33%	11.06%	2.28%	-1.34%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	3	1.74%	3.31%	2.49%	2.56%	1.01%	-22.30%
SLV	iShares Silver Trust	Precious Metals	3	2.73%	9.80%	5.08%	-6.55%	-1.97%	-14.96%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	0.26%	0.16%	1.46%	9.32%	1.05%	-2.75%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	0.83%	-0.08%	0.89%	10.97%	1.81%	-1.95%
IAU	iShares Gold Trust	Precious Metals	3	4.30%	6.43%	3.75%	-2.34%	3.91%	-10.17%
UUP	PowerShares DB US Dollar Bullish	Currency	3	1.79%	2.56%	2.48%	5.69%	3.30%	-8.79%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	-0.17%	-0.56%	0.49%	13.35%	1.91%	-2.76%
XLU	Utilities Select Sector *	Utilities Equities	2	0.01%	2.62%	-2.36%	6.73%	2.24%	-5.72%
SIL	Global X Silver Miners	Commodity Producers	2	3.09%	11.89%	5.33%	-10.70%	-2.29%	-23.98%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	2	-0.32%	2.39%	-2.62%	8.49%	1.13%	-4.56%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	1.63%	1.91%	1.22%	2.30%	2.22%	-0.21%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	2	-0.65%	-0.23%	0.12%	9.56%	-0.65%	-13.19%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2	0.32%	0.14%	0.74%	8.00%	0.46%	-3.45%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	2	-1.83%	-1.83%	-2.96%	15.18%	0.40%	-6.00%
EWK	iShares Belgium Index	Europe Stock	2	0.79%	-0.05%	-1.90%	10.65%	0.12%	-6.46%
EWG	iShares Germany Index	Europe Stock	2	2.09%	-0.23%	-1.27%	7.77%	-0.32%	-6.14%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	1.35%	-3.78%	-2.18%	12.51%	3.66%	-5.35%
VOX	Vanguard Telecom Serv's	Communication Equitie	2	-2.67%	-2.63%	-3.22%	17.46%	0.67%	-6.29%
VPU	Vanguard Utilities VIPERS	Utilities Equities	2	0.38%	2.32%	-1.74%	6.83%	2.35%	-6.09%
PPLT	ETFS Physical Platinum Shares	Precious Metals	2	-0.47%	5.50%	7.13%	-2.91%	-5.27%	-18.11%
IDU	Dow Jones US Utilities	Utilities Equities	2	0.25%	2.81%	-1.17%	7.46%	2.87%	-52.90%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	2.00%	2.05%	0.33%	5.27%	0.15%	-4.51%
VXUS	Vanguard Total International Stock	Global Equities	2	0.23%	0.12%	0.77%	8.76%	0.66%	-3.07%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	2	1.43%	1.61%	0.98%	2.72%	2.19%	-0.19%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-0.24%	-2.72%	-0.51%	11.06%	1.05%	-4.01%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	1	-1.03%	-0.34%	1.40%	5.85%	1.97%	-4.96%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.88%	-0.06%	0.04%	2.74%	0.74%	-0.57%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EWA	iShares Australia Index	Asia Pacific Equities	1	-3.18%	-0.27%	-0.35%	6.64%	-1.47%	-6.72%
EWJ	iShares Japan Index	Japan Stock	1	2.81%	-4.31%	3.12%	3.27%	1.00%	-5.87%
RWX	SPDR DJ Wil Intern. RE	Real Estate	1	0.25%	-1.16%	-2.11%	7.42%	0.13%	-15.05%
EZA	iShares South Africa Index	Emerging Markets Equi	1	-3.56%	-0.63%	0.34%	7.60%	-3.81%	-37.92%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	1	-0.68%	-1.49%	-2.26%	6.88%	-0.34%	-8.42%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	1	-0.50%	-1.42%	-1.78%	5.82%	-0.46%	-11.77%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	0	-3.27%	0.37%	0.00%	3.17%	-4.07%	-33.42%
JXI	iShares S&P Global Utilities	Utilities Equities	0	-0.03%	1.20%	-2.72%	2.56%	0.58%	-4.66%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	0	-1.92%	0.32%	1.53%	1.53%	-2.30%	-10.14%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0	-0.84%	-0.82%	-2.91%	6.02%	-1.40%	-9.67%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	0	-2.42%	-0.14%	-1.44%	4.43%	-2.70%	-7.37%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	0	-6.37%	0.58%	-0.06%	6.46%	-8.31%	-59.02%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	-1.46%	0.39%	0.67%	2.08%	-2.38%	-9.45%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.06%	-0.02%	-0.02%	0.08%	-0.05%	-0.65%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	0.05%	-0.97%	-0.62%	-0.26%	-0.39%	-1.42%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.48%	-1.02%	-0.77%	0.85%	-0.62%	-3.41%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.10%	-0.44%	-0.50%	-0.71%	-0.49%	-1.89%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	0	-0.82%	-1.07%	-0.77%	0.80%	-0.02%	-3.62%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	0	-1.83%	-0.60%	0.51%	0.95%	-3.08%	-9.83%
PZA	Pshares Insured National Munis	National Munis	0	1.05%	-0.37%	-0.70%	-0.52%	-0.39%	-2.00%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.07%	-0.39%	-0.45%	-0.68%	-0.46%	-1.16%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	0	0.55%	-3.68%	-0.21%	1.60%	-1.96%	-5.60%
EWV	iShares Mexico Index	Latin America Stock	0	-3.80%	-4.50%	-3.59%	10.58%	0.28%	-17.49%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.05%	-0.23%	0.14%	-0.76%	-0.24%	-5.59%
MUB	iShares S&P National Muni Bond	National Munis	0	0.62%	-0.51%	-0.86%	-0.94%	-0.49%	-1.56%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	-0.34%	-1.16%	-0.63%	1.09%	-0.28%	-1.64%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	-0.07%	-0.10%	-0.27%	-0.12%	-0.56%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.06%	-0.41%	-0.49%	-0.78%	-0.48%	-1.43%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.40%	-0.84%	-0.44%	0.50%	-0.43%	-3.16%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-1	-0.46%	-1.10%	-1.25%	0.23%	-0.59%	-1.74%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	0.34%	-1.19%	-1.34%	-3.35%	-0.67%	-4.51%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	-0.53%	-1.18%	-0.98%	-0.35%	-0.96%	-5.73%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-1	-1.80%	0.47%	1.41%	-4.57%	-2.87%	-17.61%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	-1.89%	-0.12%	0.35%	-3.36%	-4.82%	-15.16%
BAB	PowerShares Build America Bond Portfolio	National Munis	-1	1.10%	-0.99%	-1.11%	-1.55%	0.14%	-4.79%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	-0.52%	-1.64%	-1.22%	-0.72%	-0.86%	-66.70%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	0.33%	-1.23%	-1.36%	-3.56%	-0.68%	-4.95%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-1	-2.21%	-0.76%	0.08%	-1.30%	-3.96%	-12.01%
BNDX	Vanguard Total International Bond	Total Bond Market	-1	0.81%	-0.49%	-1.28%	-2.65%	-0.39%	-3.75%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.23%	-1.04%	-1.08%	-1.92%	-1.07%	-1.92%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.11%	-0.84%	-1.00%	-1.92%	-1.00%	-2.39%
EWK	iShares Hong Kong Index	China Equities	-1	-0.65%	0.78%	-4.95%	-0.93%	-6.78%	-13.13%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-1	4.88%	-0.94%	-0.50%	-8.02%	4.65%	-20.87%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	0.06%	-1.19%	-1.57%	-3.07%	-1.26%	-3.88%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-0.48%	-1.60%	-1.24%	-0.77%	-0.81%	-2.63%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	0.02%	-1.11%	-1.39%	-2.97%	-1.13%	-3.55%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	0.33%	-1.21%	-1.42%	-3.66%	-0.83%	-5.17%
FLT	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.21%	-0.94%	-0.99%	-1.91%	-0.94%	-1.91%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	0.57%	-1.05%	-0.30%	-3.01%	-0.40%	-6.64%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-1	-2.28%	-2.56%	-4.17%	4.51%	-4.18%	-14.16%
BLV	Vanguard Long Term Bond	Long-Term Bond	-2	1.84%	-1.90%	-1.60%	-6.04%	0.95%	-12.35%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	-0.17%	-1.37%	-1.57%	-3.33%	-1.42%	-5.38%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-2	-3.91%	-5.44%	-3.35%	3.89%	-4.69%	-15.00%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	2.98%	-1.04%	-1.10%	-6.92%	2.32%	-14.43%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-2	-0.15%	-0.39%	-0.58%	-7.47%	-4.19%	-14.00%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	0.16%	-1.27%	-1.70%	-3.62%	-1.26%	-5.56%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2	1.88%	-1.94%	-2.13%	-7.44%	0.67%	-14.48%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-2	-1.38%	-2.36%	-1.74%	-3.12%	-1.96%	-4.71%
FXB	CurrencyShares British Pound	Currency	-2	-2.12%	-1.71%	-1.52%	-1.63%	-2.57%	-10.65%
IYZ	Down Jones US Telecom	Commun. Equities	-2	-2.18%	-4.52%	-6.83%	5.59%	-3.46%	-12.67%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-2	0.23%	-1.67%	-2.04%	-4.64%	-1.30%	-6.18%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	0.20%	-1.21%	-1.65%	-3.50%	-1.17%	-4.72%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-2	0.61%	-1.95%	-1.52%	-4.02%	-0.30%	-4.72%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	-0.12%	-1.64%	-1.71%	-3.21%	-1.06%	-3.27%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-2	-1.46%	-1.79%	-1.40%	-2.75%	-1.64%	-4.07%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-2	0.33%	-1.76%	-2.57%	-5.58%	-1.54%	-7.23%
EWP	iShares Spain Index	Europe Stock	-2	-3.00%	-1.81%	-3.28%	0.41%	-4.13%	-25.08%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	1.35%	-2.16%	-1.31%	-4.38%	0.87%	-5.98%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	0.77%	-1.30%	-1.91%	-4.50%	-0.67%	-6.92%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-2	0.11%	-1.88%	-1.92%	-3.88%	-1.16%	-3.91%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-2	0.32%	-1.78%	-2.47%	-5.49%	-1.50%	-6.59%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-2	3.76%	-1.84%	-1.33%	-9.07%	3.02%	-22.36%
BBH	VanEck Vectors Biotech	Health & Biotech	-3	-3.06%	-12.26%	-10.98%	13.04%	-1.36%	-13.11%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-3	0.76%	-1.84%	-3.09%	-7.70%	-2.55%	-13.99%
FXI	iShares China 25 Index	China Equities	-3	-4.46%	3.10%	1.13%	-13.27%	-8.58%	-26.07%
FXE	CurrencyShares Euro Currency Trust	Currency	-4	-2.23%	-3.37%	-3.51%	-7.77%	-4.55%	-12.16%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-4	-0.49%	-2.64%	-3.63%	-9.16%	-3.65%	-9.79%
FXJ	CurrencyShares Japanese Yen Trust	Currency	-4	-0.21%	-3.53%	-3.87%	-10.11%	-3.87%	-14.98%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-1.39%	-0.39%	-1.88%	-13.15%	-3.76%	-50.41%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-5	4.72%	0.28%	-7.79%	-18.75%	-6.96%	-54.31%
EWM	iShares Malaysia Index	Emerging Markets Equi	-5	-5.51%	-0.75%	-3.04%	-12.40%	-4.60%	-30.82%
MCHI	iShares MSCI China	China Equities	-5	-5.73%	0.47%	-0.86%	-15.62%	-11.31%	-29.70%
HDGE	Ranger Equity Bear	Inverse Equities	-6	-1.65%	-1.88%	-1.69%	-19.14%	-0.30%	-78.18%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-6	-2.48%	-6.82%	-7.39%	-9.09%	-10.92%	-18.70%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-6	-3.29%	-11.64%	-10.34%	1.45%	-3.81%	-54.91%
DOG	ProShares Short Dow 30	Bear Market	-6	-1.04%	-3.58%	-2.68%	-17.63%	-5.73%	-63.90%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-7	-3.82%	-9.56%	-8.14%	-5.82%	-5.34%	-14.40%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-7	-1.31%	-8.15%	-4.95%	-13.18%	-7.39%	-29.75%
RWM	ProShares Short Russell2000	Inverse Equities	-9	-3.33%	-5.21%	-7.49%	-21.24%	-6.44%	-68.28%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-9	-3.47%	-5.83%	-5.70%	-22.70%	-10.29%	-66.65%
ECH	iShares Chile Index	Latin America	-9	2.73%	-9.06%	-10.21%	-17.64%	-15.24%	-55.71%
PSQ	ProShares Short QQQ	Inverse Equities	-12	-6.16%	-7.60%	-7.99%	-24.91%	-14.04%	-80.55%
ILF	iShares S&P 40 Latin America	Latin America Stock	-14	-6.69%	-12.79%	-16.88%	-17.79%	-15.83%	-38.91%
EWZ	iShares Brazil Index	Latin America Stock	-14	-3.16%	-14.04%	-19.03%	-21.36%	-17.86%	-39.79%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-21	-0.05%	-2.45%	0.02%	-80.21%	-70.89%	-82.56%