

HV ETF Master List as of 05/21/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	23	6.70%	37.95%	26.68%	21.25%	26.53%	-4.17%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	22	3.97%	37.47%	26.78%	21.63%	26.72%	-4.80%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	21	13.52%	42.55%	17.38%	9.73%	22.17%	-9.73%
SIL	Global X Silver Miners	Commodity Producers	21	16.20%	37.60%	21.77%	8.64%	22.26%	-32.67%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	19	11.74%	33.95%	19.66%	10.25%	20.01%	-0.82%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	15	7.52%	24.05%	16.79%	10.11%	16.76%	-61.14%
BBH	VanEck Vectors Biotech	Health & Biotech	15	6.73%	24.57%	17.62%	12.71%	17.22%	-2.03%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	15	7.42%	26.35%	16.17%	10.55%	17.24%	-0.99%
IGV	iShares North American Tech-Software	Technology Equities	13	12.76%	19.88%	10.44%	10.78%	13.15%	-3.28%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	12	8.72%	19.27%	11.30%	7.78%	11.93%	-3.42%
IYW	Dow Jones US Technology	Technology Equities	12	11.12%	19.28%	10.93%	6.56%	11.56%	-5.08%
ITB	iShares DJ US Home Construction	Building and Constructi	11	32.39%	28.62%	-8.10%	-7.50%	-1.46%	-18.49%
XLK	Technology Select *	Technology Equities	11	10.77%	16.80%	9.62%	5.00%	10.13%	-6.47%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	11	6.36%	21.52%	11.46%	5.54%	10.97%	-0.79%
VGT	Vanguard Info Technology	Technolgy Equities	11	11.37%	17.44%	9.36%	4.43%	9.83%	-6.49%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	9.25%	18.28%	8.37%	4.90%	8.92%	-5.89%
VUG	Vanguard Growth	Large Cap Growth	10	9.17%	18.69%	7.34%	3.61%	7.87%	-6.48%
EDV	Vanguard Extended Duration Treasury	Government Bonds	9	-4.98%	0.70%	9.99%	28.51%	13.34%	-6.41%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	9	-5.72%	0.85%	10.76%	30.91%	14.76%	-8.21%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	9	8.90%	17.83%	6.78%	2.55%	7.27%	-7.00%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	9	11.58%	23.37%	4.23%	-1.96%	4.07%	-9.13%
FXN	1st Trust Energy AlphaDEX	Energy Equities	9	20.99%	57.55%	-5.33%	-37.90%	-20.79%	-63.86%
IWF	Russell 1000 Growth	Large Growth	9	8.63%	17.68%	7.21%	2.42%	7.14%	-6.41%
VBK	Vanguard SmallCap Growth	Small Cap Growth	8	13.86%	22.44%	0.76%	-5.95%	1.69%	-11.03%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8	8.24%	17.04%	5.45%	0.18%	4.67%	-7.76%
SPYG	S&P 500 Growth	Large Cap Growth	8	7.91%	16.60%	6.12%	1.00%	5.30%	-7.34%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	8	9.99%	19.67%	4.14%	-3.13%	2.54%	-8.25%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	8	24.50%	35.43%	-12.03%	-15.89%	-5.77%	-52.82%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	8	8.00%	16.81%	6.17%	1.17%	5.48%	-7.19%
IVW	S&P 500/BARRA Growth	Large Growth	8	7.90%	16.99%	6.03%	0.99%	5.21%	-7.28%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	10.23%	18.81%	3.12%	-2.73%	3.02%	-9.06%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	9.08%	18.69%	2.18%	-3.17%	2.30%	-9.95%
VOX	Vanguard Telecom Serv's	Communication Equitie	7	10.16%	18.39%	2.91%	-2.44%	3.02%	-12.03%
TLT	iShares 20+ Treas. Bd	Government Bonds	7	-3.45%	0.75%	8.35%	21.40%	10.95%	-3.93%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	7	7.77%	14.45%	7.46%	-2.91%	6.26%	-9.34%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	7	4.54%	19.30%	7.08%	-1.76%	5.40%	-14.28%
FV	First Trust VL Dividend	Large Cap Value Equiti	7	8.57%	18.33%	3.95%	-1.58%	3.70%	-8.57%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	7	10.66%	17.95%	2.45%	-3.59%	2.34%	-10.25%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	7	8.71%	21.50%	3.67%	-5.39%	7.27%	-13.57%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	6	-1.25%	1.28%	7.14%	16.51%	9.00%	-2.37%
IYH	Dow Jones US Healthcare	Specialty-Health	6	1.48%	15.62%	7.51%	-0.80%	5.33%	-3.60%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
GLD	SPDR Gold Shares	Precious Metals	6	-0.67%	5.88%	5.36%	13.45%	10.68%	-1.46%
SMH	VanEch Vectors Semiconductor	Technology Equities	6	6.50%	13.13%	6.40%	-2.64%	6.01%	-9.56%
SLV	iShares Silver Trust	Precious Metals	6	12.32%	17.96%	-3.10%	-4.37%	1.16%	-18.57%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	7.86%	15.71%	2.74%	-1.07%	3.02%	-9.56%
IWO	Russell 2000 Growth	Small Growth	6	13.72%	20.34%	-2.27%	-9.40%	-0.54%	-13.70%
XRT	SPDR S&P Retail *	Consumer Discretionar	6	16.20%	25.06%	-3.75%	-15.47%	-4.28%	-25.68%
IAU	iShares Gold Trust	Precious Metals	6	-0.54%	5.84%	5.51%	13.50%	10.76%	-1.49%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	6	24.68%	23.75%	-9.84%	-13.38%	-5.98%	-19.76%
VHT	Vanguard Health Care	Health & Biotech Equiti	6	2.05%	16.62%	7.38%	-0.53%	5.73%	-3.46%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	6	4.49%	15.56%	7.16%	-3.34%	5.86%	-8.28%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5	6.76%	15.59%	-0.25%	-0.34%	3.25%	-8.50%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	5	6.59%	13.43%	1.03%	-1.77%	1.66%	-10.17%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	5	0.45%	14.46%	5.96%	-2.25%	3.53%	-5.08%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	5	2.86%	16.45%	4.72%	-3.74%	3.90%	-9.21%
IYC	iShares US Consumer Services	Consumer Discretionar	5	8.75%	15.92%	0.57%	-6.99%	-1.05%	-11.09%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5	1.62%	15.79%	4.89%	-2.04%	2.55%	-6.74%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	5	1.13%	14.32%	6.25%	-0.87%	4.66%	-44.72%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	4	-0.38%	1.30%	4.91%	10.30%	6.05%	-0.62%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	11.79%	18.96%	-2.43%	-10.36%	-2.52%	-13.59%
IYM	Dow Jones US Basic Mat's	Materials	4	9.29%	19.10%	0.44%	-13.77%	-4.51%	-22.02%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	3	12.33%	18.32%	-5.99%	-13.08%	-4.68%	-17.36%
VV	Vanguard LargeCap	Large Cap Blend	3	5.97%	13.45%	-0.63%	-7.67%	-1.48%	-12.72%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	3	19.91%	44.37%	-12.29%	-38.02%	-22.71%	-56.15%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	3	0.08%	0.66%	3.22%	6.12%	3.86%	-0.10%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	3	5.55%	12.50%	2.24%	-6.30%	-0.06%	-9.64%
BLV	Vanguard Long Term Bond	Long-Term Bond	3	-1.58%	3.90%	1.73%	9.08%	5.14%	-4.43%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	3	6.96%	13.48%	0.37%	-7.72%	-1.02%	-11.39%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	3	0.66%	4.08%	1.89%	5.23%	3.58%	-0.48%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	3	5.99%	13.36%	-1.15%	-8.20%	-1.94%	-13.11%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	3	-0.74%	0.39%	3.78%	8.03%	4.65%	-0.99%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	3	5.94%	12.92%	-1.11%	-7.46%	-1.53%	-12.51%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	3	-0.07%	0.65%	3.51%	6.88%	4.22%	-0.24%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3	-0.09%	0.76%	3.48%	6.84%	4.20%	-0.23%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	-0.03%	2.00%	1.74%	4.41%	3.01%	-0.41%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	2	4.71%	9.34%	-0.36%	-7.26%	-1.31%	-10.81%
XLB	Materials Select Sector *	Materials	2	7.99%	15.44%	-0.54%	-13.59%	-5.15%	-17.29%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	2	1.24%	4.92%	0.06%	1.41%	1.34%	-0.83%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	0.02%	3.39%	1.77%	4.47%	3.10%	-0.50%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	0.02%	2.36%	1.66%	4.52%	3.04%	-0.39%
IWV	Russell 3000 Index	All Cap Equities	2	6.55%	13.80%	-1.84%	-9.18%	-2.53%	-13.70%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	2	0.41%	2.07%	1.73%	4.75%	3.30%	-0.42%
SCHB	Schwab U.S. Broad Market	All Cap Equities	2	6.47%	13.58%	-1.93%	-9.22%	-2.59%	-13.76%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2	1.03%	4.57%	-0.20%	0.77%	1.12%	-0.83%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	0.52%	2.31%	1.58%	3.68%	2.56%	-0.09%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	2	1.67%	7.56%	-0.92%	1.29%	1.70%	-2.43%
SPY	SPDR S&P 500	Large Cap Blend	2	5.66%	12.52%	-0.88%	-8.26%	-1.94%	-12.85%
IWB	Russell 1000 Index	Large Blend	2	6.20%	13.32%	-1.33%	-8.46%	-2.03%	-13.26%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	2	6.76%	13.59%	-1.76%	-9.08%	-2.46%	-13.61%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	2	5.66%	12.78%	-0.90%	-8.25%	-1.93%	-12.86%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	2	0.55%	6.54%	-0.01%	2.16%	2.41%	-2.66%
IVV	S&P 500	Large Blend	2	5.65%	12.75%	-0.97%	-8.37%	-2.07%	-12.97%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	0.11%	1.48%	1.49%	4.38%	3.13%	-0.74%
VTI	Total Stock Market VIPERs	All Cap Equities	2	6.66%	13.52%	-1.73%	-8.95%	-2.37%	-13.55%
VAW	Vanguard Materials VIPERS	Materials	2	8.87%	16.21%	-1.61%	-15.31%	-6.15%	-21.41%
MCHI	iShares MSCI China	China Equities	1	3.09%	4.34%	-0.74%	-4.28%	2.16%	-20.03%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	3.00%	12.34%	0.65%	-10.87%	-4.25%	-13.28%
RSX	Market Vectors Russia	Emerging Markets Equi	1	11.25%	18.22%	-8.98%	-18.29%	-9.39%	-23.33%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	1	8.34%	13.97%	-5.38%	-14.29%	-6.36%	-17.13%
FXV	CurrencyShares Japanese Yen Trust	Currency	1	-0.02%	1.63%	1.98%	0.73%	0.45%	-8.90%
VGSH	Vanguard Short-Term Government	Government Bonds	1	-0.02%	-0.11%	1.37%	2.34%	1.52%	-0.18%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	1	-5.05%	-6.61%	2.24%	12.79%	3.64%	-23.14%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	0.59%	2.65%	-1.19%	0.37%	0.34%	-2.34%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1	5.53%	8.60%	-1.80%	-9.53%	-3.31%	-11.99%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	-1.16%	6.21%	-2.28%	1.02%	1.15%	-6.57%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.01%	-0.03%	1.43%	2.39%	1.56%	-0.18%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	-0.06%	-0.06%	1.39%	2.32%	1.54%	-0.14%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-1.18%	-0.15%	1.09%	3.58%	0.53%	-4.20%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.17%	1.10%	1.33%	2.68%	1.89%	-0.11%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	1	5.55%	8.80%	-1.44%	-9.73%	-1.61%	-11.29%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	0.25%	3.36%	-0.94%	1.64%	0.92%	-3.12%
BNDX	Vanguard Total International Bond	Total Bond Market	1	0.97%	1.90%	-0.85%	1.38%	-0.53%	-3.14%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.89%	1.30%	0.24%	0.97%	0.87%	-0.36%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	0	2.32%	9.09%	-2.55%	-8.84%	-4.24%	-13.16%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	2.13%	1.95%	-1.47%	-1.98%	-0.88%	-5.40%
VB	Vanguard SmallCap	Small Cap Blend	0	11.72%	16.00%	-8.79%	-17.47%	-8.53%	-19.67%
VO	Vanguard Mid-Cap	Mid-Cap Blend	0	7.22%	14.17%	-6.14%	-13.41%	-6.24%	-17.27%
MDY	MidCap Trust Series I	Mid-Cap Blend	0	11.08%	15.66%	-8.39%	-17.86%	-8.75%	-19.45%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	0	6.57%	18.32%	-3.31%	-21.44%	-13.32%	-32.53%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0	3.38%	11.17%	-3.95%	-9.72%	-4.22%	-14.04%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.45%	2.00%	-0.68%	-0.45%	-0.18%	-0.68%
EWN	iShares Netherlands Index	Europe Stock	0	7.84%	10.51%	-4.07%	-12.64%	-4.91%	-15.03%
PPLT	ETFs Physical Platinum Shares	Precious Metals	0	7.65%	14.03%	-6.84%	-13.29%	-5.23%	-30.41%
EWL	iShares Switzerland Index	Europe Stock	0	3.78%	6.40%	-1.62%	-7.21%	-1.74%	-11.10%
IJH	S&P MidCap 400	Mid-Cap Blend	0	11.17%	15.92%	-8.45%	-17.93%	-8.85%	-19.55%
SCHD	Schwab US Dividend Equity	All Cap Equities	0	4.11%	11.39%	-2.95%	-12.45%	-6.04%	-14.56%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.68%	4.39%	-1.63%	-1.45%	-0.51%	-1.76%
MUB	iShares S&P National Muni Bond	National Munis	0	2.07%	-0.70%	-2.34%	0.24%	0.38%	-2.90%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	0	8.00%	13.90%	-7.67%	-15.35%	-7.68%	-77.48%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	7.74%	6.42%	-7.25%	-7.48%	-3.79%	-10.16%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	0	12.11%	16.07%	-9.95%	-19.30%	-9.66%	-21.77%
VT	Vanguard Total World Stock Index	Global Equities	0	5.87%	10.30%	-5.03%	-12.84%	-5.70%	-15.26%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	0	7.63%	5.37%	-6.70%	-6.74%	-3.33%	-8.87%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	-0.82%	4.74%	-5.44%	-0.13%	-1.17%	-8.72%
ACWI	iShares MSCI ACWI	Global Equities	0	5.51%	9.96%	-4.33%	-11.71%	-4.98%	-14.51%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-1	4.23%	8.86%	-4.85%	-13.91%	-7.30%	-17.14%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-1	6.68%	15.46%	-6.23%	-20.77%	-10.37%	-25.16%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	1.73%	7.26%	-4.26%	-7.45%	-4.16%	-9.82%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	2.49%	5.47%	-5.44%	-7.86%	-4.52%	-8.92%
IGE	iShares North American Natural Resources	Commodity Producers	-1	10.11%	25.99%	-10.87%	-28.22%	-17.36%	-43.30%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	2.78%	6.60%	-6.25%	-8.75%	-5.25%	-69.23%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-1	7.06%	11.23%	-8.15%	-14.86%	-8.03%	-18.99%
XME	SPDR S&P Metals & Mining	Commodity Producers	-1	13.17%	23.10%	-9.75%	-30.58%	-15.75%	-48.02%
IWM	Russell 2000	Small Blend	-1	11.55%	14.92%	-9.94%	-19.18%	-9.32%	-22.41%
EWM	iShares Malaysia Index	Emerging Markets Equi	-1	7.13%	6.30%	-3.52%	-13.45%	-6.79%	-32.44%
EWJ	iShares Japan Index	Japan Stock	-1	4.16%	4.70%	-0.79%	-11.13%	-5.51%	-18.66%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-1	10.16%	14.52%	-9.86%	-17.79%	-9.45%	-20.42%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-1	15.62%	18.55%	-13.29%	-24.88%	-14.13%	-25.73%
EWD	iShares Sweden Index	Europe Stock	-1	7.60%	10.38%	-7.27%	-14.06%	-6.04%	-22.99%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-1	2.14%	7.41%	-6.16%	-8.06%	-4.81%	-8.58%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	1.44%	6.10%	-3.95%	-6.07%	-3.35%	-8.92%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-1	2.14%	8.03%	-6.03%	-9.63%	-5.86%	-15.04%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	0.85%	5.01%	-3.41%	-5.46%	-3.05%	-8.70%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	1.49%	-1.09%	-0.59%	-2.71%	-0.94%	-14.15%
PZA	Pshares Insured National Munis	National Munis	-1	2.62%	-0.04%	-3.95%	-0.76%	-0.33%	-4.61%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-2	4.48%	8.67%	-5.30%	-16.44%	-7.29%	-34.22%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	4.90%	6.67%	-4.03%	-13.92%	-7.37%	-23.21%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-2	1.45%	8.29%	-8.22%	-10.35%	-6.54%	-12.26%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-2	6.96%	12.35%	-9.89%	-19.35%	-10.39%	-29.68%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-2	2.86%	12.01%	-5.87%	-17.21%	-9.93%	-17.61%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-2	1.36%	5.50%	-6.82%	-9.00%	-5.67%	-15.19%
XLP	Consumer Staples Select *	Consumer Staples	-2	-1.41%	6.53%	-3.19%	-8.92%	-5.43%	-11.61%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-2	9.97%	11.51%	-10.40%	-18.61%	-9.73%	-24.63%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-2	0.99%	5.14%	-5.85%	-9.99%	-6.70%	-13.35%
EWG	iShares Germany Index	Europe Stock	-2	8.64%	9.87%	-8.83%	-17.52%	-9.31%	-32.26%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-2	1.86%	5.40%	-7.00%	-8.69%	-5.79%	-12.62%
IYJ	Dow Jones US Industrial	Industrial Equities	-2	7.63%	8.56%	-8.95%	-16.24%	-9.45%	-19.59%
IYZ	Down Jones US Telecom	Commun. Equities	-2	0.49%	5.95%	-4.17%	-10.01%	-5.91%	-26.44%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-2	7.81%	11.72%	-8.01%	-18.67%	-9.64%	-26.98%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-2	7.13%	13.31%	-9.25%	-20.01%	-10.73%	-29.28%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-2	-0.85%	6.97%	-2.94%	-9.43%	-5.36%	-11.57%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-2	4.62%	10.24%	-6.09%	-15.19%	-8.22%	-16.23%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-2	6.79%	13.98%	-6.73%	-22.17%	-11.86%	-32.40%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-2	5.61%	10.66%	-6.89%	-17.02%	-8.94%	-18.79%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-2	3.73%	8.62%	-5.11%	-13.92%	-6.91%	-16.11%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-2	3.86%	2.98%	-2.97%	-11.86%	-5.87%	-17.50%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-2	4.05%	3.03%	-2.40%	-11.34%	-4.91%	-18.82%
RSP	Guggenheim S&P Equal Weight	Large Blend	-2	6.73%	11.91%	-7.99%	-16.75%	-8.83%	-18.95%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-3	2.19%	4.35%	-8.23%	-10.46%	-7.12%	-12.42%
FXI	iShares China 25 Index	China Equities	-3	1.93%	0.50%	-4.63%	-11.65%	-4.82%	-28.63%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-3	1.34%	1.86%	-6.02%	-7.77%	-2.17%	-21.64%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-3	3.94%	4.81%	-7.73%	-14.60%	-8.58%	-17.18%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-3	2.49%	4.86%	-8.66%	-9.53%	-5.79%	-11.43%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-3	5.26%	2.77%	-5.65%	-15.79%	-8.62%	-27.77%
EWC	iShares Canada Index	Foreign Large Cap Equ	-3	5.54%	11.98%	-12.77%	-18.26%	-11.35%	-20.76%
ECH	iShares Chile Index	Latin America	-3	6.63%	17.11%	-10.22%	-25.67%	-20.29%	-55.88%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-3	5.27%	10.07%	-8.28%	-17.73%	-9.79%	-19.63%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-3	2.70%	4.89%	-5.76%	-12.35%	-4.99%	-22.93%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-3	7.12%	5.36%	-12.27%	-12.90%	-8.28%	-16.87%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-3	11.68%	27.63%	-14.88%	-36.46%	-25.29%	-53.10%
VDE	Vanguard Energy VIPERS	Energy Equities	-3	11.83%	28.21%	-15.02%	-37.08%	-24.40%	-52.97%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-3	-1.81%	5.74%	-4.33%	-10.79%	-6.13%	-12.73%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-3	1.18%	3.97%	-7.46%	-9.18%	-6.36%	-12.24%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	-3	8.53%	16.79%	-14.01%	-21.66%	-13.23%	-27.79%
XLE	Energy Select Sector *	Energy Equities	-3	12.10%	27.41%	-14.54%	-35.41%	-24.40%	-50.93%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-4	4.96%	6.89%	-9.05%	-17.44%	-9.74%	-24.86%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-4	4.09%	4.34%	-7.91%	-14.69%	-9.66%	-17.36%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-4	4.18%	5.87%	-8.69%	-15.67%	-9.31%	-18.59%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-4	4.59%	5.94%	-9.25%	-17.55%	-9.91%	-24.86%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-4	4.84%	5.80%	-8.87%	-17.30%	-10.31%	-23.71%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-4	-0.12%	5.15%	-10.06%	-11.14%	-8.28%	-18.57%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-4	4.59%	5.13%	-9.37%	-17.71%	-9.54%	-27.48%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-4	4.64%	4.96%	-8.80%	-17.53%	-10.24%	-24.11%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-4	5.18%	6.68%	-9.02%	-17.82%	-10.14%	-24.58%
DOG	ProShares Short Dow 30	Bear Market	-4	-4.77%	-10.70%	-5.84%	3.42%	-2.47%	-42.88%
FXB	CurrencyShares British Pound	Currency	-4	-1.12%	-0.17%	-5.32%	-7.80%	-3.80%	-18.64%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-4	4.41%	5.20%	-8.53%	-17.02%	-8.71%	-28.57%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-4	3.56%	7.59%	-7.99%	-19.27%	-11.66%	-20.10%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-4	1.86%	7.46%	-8.29%	-17.69%	-10.58%	-18.74%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-4	5.20%	5.74%	-8.67%	-17.59%	-10.12%	-24.29%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-4	10.29%	12.33%	-14.68%	-25.47%	-15.81%	-26.25%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-4	4.64%	5.79%	-8.86%	-17.37%	-9.04%	-29.14%
ACWX	iShares MSCI ACWI ex US	Global Equities	-4	4.76%	5.36%	-9.07%	-17.31%	-9.96%	-24.62%
VXUS	Vanguard Total International Stock	Global Equities	-4	5.02%	6.74%	-9.24%	-17.59%	-9.83%	-25.16%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-4	4.78%	5.84%	-9.38%	-17.20%	-8.85%	-27.78%
IWD	Russell 1000 Value	Large Value	-5	3.49%	8.11%	-10.82%	-19.82%	-12.13%	-21.08%
PKW	PowerShares Buyback Achievers	All Cap Equities	-5	5.23%	6.94%	-10.79%	-21.81%	-12.63%	-23.67%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IEV	S&P Europe 350 Index	Europe Stock	-5	4.89%	4.48%	-10.92%	-19.74%	-11.48%	-26.01%
EZA	iShares South Africa Index	Emerging Markets Equi	-5	14.54%	10.54%	-15.98%	-30.29%	-21.62%	-55.01%
EWA	iShares Australia Index	Asia Pacific Equities	-5	7.96%	10.78%	-16.05%	-22.94%	-16.16%	-27.96%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-5	10.20%	12.43%	-15.30%	-26.14%	-16.02%	-26.90%
IJR	S&P Sm.Cap 600	Small Blend	-5	9.46%	10.88%	-14.19%	-24.45%	-14.55%	-29.69%
SDY	SPDR Dividend ETF	Large Value	-5	3.44%	7.67%	-10.52%	-19.19%	-11.95%	-20.07%
IVE	S&P 500/BARRA Value	Large Value	-5	2.49%	7.48%	-9.48%	-18.95%	-10.83%	-20.13%
VTV	Vanguard Value	Large Cap Value	-5	2.07%	7.37%	-9.20%	-18.80%	-11.18%	-19.97%
VGK	Vanguard European	Europe Equities	-5	5.26%	5.43%	-11.79%	-20.40%	-11.86%	-26.85%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-5	2.71%	7.94%	-9.75%	-19.20%	-11.74%	-20.48%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-5	5.35%	6.99%	-11.61%	-22.46%	-13.32%	-23.94%
IYT	Dow Jones Transportation	Transportation Equities	-6	5.49%	4.10%	-12.18%	-23.29%	-15.48%	-28.08%
VIS	Vanguard Industrials	industrials Equities	-6	5.96%	5.17%	-13.94%	-21.43%	-14.17%	-24.67%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-6	3.58%	7.84%	-12.07%	-24.29%	-15.96%	-24.66%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-6	4.13%	6.63%	-13.96%	-20.26%	-13.96%	-26.83%
VBR	Vanguard SmallCap Value	Small Cap Value	-6	9.36%	10.01%	-16.72%	-26.75%	-17.10%	-29.60%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-6	3.63%	5.46%	-11.83%	-20.79%	-13.44%	-22.74%
RWM	ProShares Short Russell2000	Inverse Equities	-6	-11.83%	-16.86%	-3.64%	7.03%	-3.53%	-37.55%
EWH	iShares Hong Kong Index	China Equities	-6	-1.66%	1.52%	-9.40%	-14.73%	-9.45%	-23.66%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-6	6.74%	4.84%	-12.56%	-21.40%	-13.42%	-54.94%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-6	5.81%	5.91%	-12.14%	-22.78%	-13.12%	-29.75%
JXI	iShares S&P Global Utilities	Utilities Equities	-6	-0.76%	1.22%	-13.62%	-12.54%	-9.42%	-20.03%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-6	4.34%	4.56%	-13.11%	-19.56%	-13.49%	-23.13%
IWS	Russell MidCap Value	Mid-Cap Value	-6	6.04%	9.94%	-15.03%	-23.64%	-15.05%	-25.26%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-6	5.34%	8.82%	-14.58%	-23.44%	-14.95%	-25.13%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-6	2.58%	6.30%	-11.57%	-20.45%	-13.69%	-21.31%
XLU	Utilities Select Sector *	Utilities Equities	-7	-3.62%	0.87%	-13.17%	-13.44%	-10.56%	-21.30%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-7	-5.87%	-13.39%	-8.41%	-1.29%	-6.49%	-43.03%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-7	6.95%	4.49%	-15.79%	-25.01%	-15.61%	-27.18%
IXC	S&P Global Energy	Energy Equities	-7	8.09%	16.37%	-17.67%	-35.41%	-25.28%	-49.48%
EZU	European Monetary Union Index	Europe Stock	-7	5.76%	2.88%	-13.79%	-22.11%	-13.91%	-30.99%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-7	5.72%	2.26%	-13.87%	-23.14%	-14.56%	-29.36%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-7	6.46%	6.07%	-17.65%	-23.59%	-14.90%	-35.74%
XLI	Industrial Select Sector *	Industrial Equities	-7	4.60%	3.92%	-14.17%	-21.49%	-14.59%	-25.04%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-7	4.04%	1.98%	-12.32%	-21.04%	-13.59%	-31.87%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-7	-3.33%	1.10%	-12.97%	-13.87%	-10.84%	-21.24%
IDU	Dow Jones US Utilities	Utilities Equities	-7	-3.39%	1.06%	-13.39%	-14.11%	-11.10%	-21.51%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-8	3.95%	5.82%	-16.49%	-26.96%	-17.92%	-30.56%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-8	3.06%	-1.46%	-11.44%	-21.14%	-13.73%	-36.69%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-8	8.74%	9.51%	-18.33%	-30.64%	-19.94%	-35.41%
IWN	Russell 2000 Value	Small Value	-8	8.33%	8.09%	-18.58%	-29.47%	-19.04%	-33.60%
EWU	iShares United Kingdom Index	Europe Stock	-8	3.50%	3.75%	-14.59%	-25.86%	-16.32%	-33.55%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	-8	3.93%	2.63%	-15.69%	-24.56%	-16.19%	-34.30%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-8	1.51%	6.56%	-18.05%	-22.29%	-24.73%	-70.75%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IYR	Dow Jones US Real Estate	Real Estate	-9	0.40%	3.78%	-19.35%	-21.68%	-17.29%	-27.44%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-9	6.90%	7.62%	-20.23%	-29.59%	-20.45%	-73.57%
DVY	iShares Select Dividend Index	Large Cap Value	-9	2.08%	4.78%	-16.23%	-25.60%	-17.96%	-26.79%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-9	2.08%	1.88%	-16.45%	-21.65%	-15.60%	-26.73%
KIE	SPDR S&P Insurance	Specialty-Financial	-9	6.70%	2.94%	-20.42%	-25.97%	-19.17%	-72.01%
DBC	PowerShares DB Commodity Index	Commodities	-9	7.38%	1.57%	-15.96%	-27.07%	-18.11%	-37.22%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-9	4.00%	1.50%	-15.91%	-25.30%	-17.24%	-37.55%
DJP	Bloomberg Commodity Index	Commodities	-9	4.75%	-0.29%	-15.44%	-25.75%	-17.32%	-33.88%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-9	0.07%	-6.22%	-11.60%	-18.01%	-11.53%	-40.90%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-9	6.61%	9.20%	-21.13%	-30.91%	-18.94%	-40.47%
VNQ	Vanguard REIT Index	Real Estate	-9	0.21%	3.73%	-18.88%	-21.56%	-17.21%	-27.10%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-9	-2.54%	0.91%	-14.58%	-18.28%	-14.23%	-23.33%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-9	3.96%	3.36%	-17.21%	-24.15%	-16.43%	-27.26%
ICF	Cohen & Steers Realty	Real Estate	-9	-2.09%	2.65%	-17.47%	-19.67%	-16.60%	-25.66%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-9	3.34%	0.88%	-16.89%	-24.40%	-17.21%	-35.26%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-10	2.04%	2.47%	-19.83%	-25.31%	-19.66%	-32.36%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-10	6.15%	6.21%	-19.62%	-31.56%	-21.60%	-76.98%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-10	7.77%	4.86%	-22.80%	-30.50%	-21.75%	-32.61%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-10	0.89%	3.06%	-18.29%	-24.43%	-18.02%	-26.57%
HDGE	Ranger Equity Bear	Inverse Equities	-10	-16.25%	-19.49%	-5.42%	0.93%	-11.06%	-51.83%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-10	3.49%	4.91%	-23.02%	-23.70%	-20.81%	-30.05%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-10	6.85%	8.16%	-21.38%	-34.94%	-24.37%	-36.60%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-10	2.12%	3.02%	-18.10%	-27.83%	-19.74%	-28.48%
EWQ	iShares France Index	Europe Stock	-11	3.57%	-2.19%	-17.41%	-25.98%	-17.32%	-28.55%
EWK	iShares Belgium Index	Europe Stock	-11	-0.07%	-1.01%	-16.30%	-26.69%	-18.82%	-36.35%
INDA	iShares MSCI India	Emerging Markets Equi	-11	0.34%	3.68%	-21.06%	-25.42%	-17.57%	-31.16%
XLF	Financial Select Sector *	Financial Equities	-11	2.66%	1.52%	-19.50%	-28.39%	-19.18%	-29.42%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-11	2.03%	2.75%	-22.70%	-26.87%	-20.78%	-30.40%
VFH	Vanguard Financials	Financials Equities	-11	4.06%	1.79%	-20.54%	-29.12%	-19.87%	-30.28%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-12	0.29%	1.43%	-18.66%	-29.63%	-21.98%	-40.21%
EWW	iShares Mexico Index	Latin America Stock	-12	14.04%	0.10%	-27.89%	-32.71%	-24.75%	-47.28%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-12	4.71%	2.55%	-23.41%	-30.12%	-21.17%	-34.89%
SCHH	Schwab U.S. REIT	Real Estate	-12	1.09%	2.46%	-23.17%	-27.27%	-22.56%	-31.32%
RWR	Wilshire REIT Fund	Real Estate	-12	1.11%	2.38%	-23.58%	-27.75%	-23.05%	-31.73%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-13	2.16%	0.73%	-24.88%	-29.15%	-24.10%	-36.28%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-13	1.27%	1.29%	-24.31%	-28.48%	-22.99%	-31.30%
KBE	SPDR S&P Bank	Specialty-Financial	-14	6.60%	1.99%	-26.64%	-38.26%	-27.28%	-43.62%
EWSP	iShares Spain Index	Europe Stock	-14	2.59%	-5.82%	-23.65%	-29.85%	-22.49%	-44.23%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-14	2.54%	-3.60%	-25.43%	-30.88%	-25.18%	-36.06%
EWI	iShares Italy Index	Europe Stock	-14	4.23%	-4.26%	-24.44%	-29.56%	-21.87%	-39.95%
GSG	iShares GSCI Commodity Index	Commodities.	-14	15.08%	-1.32%	-28.49%	-40.26%	-29.47%	-48.24%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-14	-0.76%	0.48%	-24.64%	-29.27%	-20.80%	-30.88%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-15	6.11%	-3.85%	-23.95%	-39.80%	-28.21%	-62.56%
PSQ	ProShares Short QQQ	Inverse Equities	-15	-8.52%	-18.03%	-17.97%	-15.73%	-17.80%	-62.73%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-15	5.56%	2.47%	-27.86%	-39.51%	-28.18%	-46.30%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-16	1.90%	-1.09%	-27.10%	-39.25%	-27.80%	-41.14%
ILF	iShares S&P 40 Latin America	Latin America Stock	-16	8.15%	0.57%	-30.07%	-42.52%	-31.72%	-50.61%
UNG	U.S. Natural Gas Fund	Oil & Gas	-18	-14.33%	-9.84%	-14.33%	-31.68%	-31.23%	-86.93%
EWZ	iShares Brazil Index	Latin America Stock	-21	3.33%	-5.27%	-34.36%	-47.62%	-35.31%	-48.77%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-22	-0.76%	3.03%	-43.79%	-47.52%	-40.71%	-67.13%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	-25	0.00%	0.00%	0.00%	-100.00%	0.00%	-100.00%