

HV ETF Master List as of 07/23/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	66	56.53%	54.58%	115.45%	37.14%	57.87%	-23.08%
SIL	Global X Silver Miners	Commodity Producers	35	28.49%	29.63%	46.82%	37.01%	46.28%	-15.10%
SLV	iShares Silver Trust	Precious Metals	33	26.76%	29.89%	50.43%	26.00%	32.99%	-1.91%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	33	22.97%	28.50%	42.99%	35.69%	43.11%	-3.19%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	26	17.16%	20.47%	26.97%	39.27%	37.23%	-1.89%
RING	iShares MSCI Global Gold Miners Fund	Commodity Producers	25	16.91%	21.92%	23.30%	39.25%	36.47%	-1.64%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	21	15.56%	26.67%	25.78%	14.35%	19.20%	-3.17%
ITB	iShares DJ US Home Construction	Building and Constructi	20	16.64%	14.90%	36.45%	12.20%	18.44%	-1.13%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	18	14.34%	15.87%	34.67%	6.47%	15.49%	-1.38%
MCHI	iShares MSCI China	China Equities	16	8.89%	21.42%	19.92%	12.23%	15.94%	-6.24%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	15	9.41%	13.81%	21.55%	13.67%	17.74%	-1.65%
EWD	iShares Sweden Index	Europe Stock	15	11.19%	15.25%	26.38%	5.80%	14.07%	-5.19%
XRT	SPDR S&P Retail *	Consumer Discretionar	14	11.63%	14.51%	27.18%	1.06%	13.83%	-11.14%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	14	4.87%	12.18%	17.86%	21.51%	18.80%	-3.29%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	14	13.07%	19.55%	26.54%	-4.73%	9.08%	-12.18%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	14	7.08%	13.74%	20.18%	15.39%	15.96%	-1.10%
SMH	VanEck Vectors Semiconductor	Technology Equities	14	7.04%	16.51%	20.45%	13.89%	17.46%	-1.65%
IGV	iShares North American Tech-Software	Technology Equities	14	2.20%	10.14%	19.62%	23.76%	18.80%	-3.93%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	14	0.66%	12.07%	23.05%	20.90%	22.11%	-4.52%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	13	5.75%	14.62%	19.76%	12.19%	16.44%	-1.71%
IAU	iShares Gold Trust	Precious Metals	13	6.94%	9.74%	11.86%	24.10%	16.84%	0.00%
GLD	SPDR Gold Shares	Precious Metals	13	6.86%	9.56%	11.57%	23.88%	16.64%	0.00%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	13	5.44%	6.69%	1.81%	36.44%	14.70%	-4.33%
IYW	Dow Jones US Technology	Technology Equities	13	3.00%	10.89%	17.66%	18.61%	16.88%	-3.25%
BBH	VanEck Vectors Biotech	Health & Biotech	13	4.19%	8.64%	14.89%	22.29%	18.65%	-3.76%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	12	5.54%	9.99%	16.77%	14.93%	15.23%	-1.91%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	12	13.06%	10.26%	13.19%	10.45%	13.52%	0.00%
EDV	Vanguard Extended Duration Treasury	Government Bonds	12	4.96%	6.16%	1.79%	33.82%	13.75%	-2.55%
EWG	iShares Germany Index	Europe Stock	12	8.26%	14.02%	24.47%	0.24%	10.12%	-17.67%
VUG	Vanguard Growth	Large Cap Growth	12	5.10%	10.30%	17.13%	16.06%	15.71%	-2.27%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	12	4.93%	10.60%	16.84%	17.41%	16.30%	-2.57%
VGT	Vanguard Info Technology	Technology Equities	12	3.06%	10.36%	17.57%	16.31%	15.79%	-2.67%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	12	7.81%	17.19%	17.07%	5.50%	12.48%	-0.85%
EWN	iShares Netherlands Index	Europe Stock	12	6.53%	14.84%	22.66%	3.56%	11.78%	-0.26%
XLB	Materials Select Sector *	Materials	11	11.64%	11.26%	18.89%	0.54%	10.59%	-3.76%
IWF	Russell 1000 Growth	Large Growth	11	4.89%	9.64%	16.03%	14.09%	14.55%	-2.54%
IWP	Russell MidCap Growth	Mid-Cap Growth	11	6.30%	9.12%	18.53%	9.32%	12.96%	-1.08%
XLK	Technology Select *	Technology Equities	11	2.81%	10.07%	16.50%	16.31%	15.31%	-2.80%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	11	6.84%	8.91%	17.46%	10.72%	12.90%	-1.14%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	11	6.61%	11.78%	16.52%	10.55%	12.20%	-2.55%
IYM	Dow Jones US Basic Mat's	Materials	11	11.64%	11.61%	20.35%	-0.07%	10.97%	-9.63%

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VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	11	6.23%	9.23%	18.39%	9.54%	12.96%	-1.10%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	10	6.92%	5.82%	13.11%	13.38%	14.04%	-0.66%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	10	7.39%	17.08%	18.86%	-3.33%	7.01%	-15.67%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10	4.87%	8.95%	14.99%	11.18%	12.74%	-1.87%
VAW	Vanguard Materials VIPERS	Materials	10	11.29%	10.37%	18.50%	-1.95%	9.31%	-9.02%
IVW	S&P 500/BARRA Growth	Large Growth	10	4.83%	9.15%	14.89%	12.05%	13.07%	-1.96%
VBK	Vanguard SmallCap Growth	Small Cap Growth	10	5.39%	8.58%	19.19%	4.87%	11.44%	-0.80%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	10	6.77%	9.34%	16.04%	7.95%	12.68%	-1.50%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	10	9.56%	11.07%	15.52%	3.83%	9.57%	-1.14%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	10	6.63%	17.29%	16.30%	1.36%	8.92%	-10.87%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	10	7.06%	17.28%	19.13%	-3.61%	6.73%	-15.06%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	10	4.85%	9.16%	14.78%	12.13%	13.14%	-1.96%
SPYG	S&P 500 Growth	Large Cap Growth	10	4.83%	9.14%	14.86%	12.06%	13.10%	-2.01%
PIN	PowerShares India Portfolio	Emerging Markets Equi	9	7.35%	17.34%	17.34%	-6.69%	-2.25%	-64.88%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	9	6.80%	16.42%	17.85%	-3.68%	6.46%	-17.09%
PPLT	ETFS Physical Platinum Shares	Precious Metals	9	14.38%	10.16%	17.02%	-4.73%	6.71%	-23.55%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	9	6.49%	9.67%	19.17%	-1.04%	8.25%	-5.91%
INDA	iShares MSCI India	Emerging Markets Equi	9	8.97%	19.16%	18.15%	-9.02%	3.34%	-16.03%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	9	7.08%	16.18%	18.09%	-4.09%	6.24%	-17.75%
TLT	iShares 20+ Treas. Bd	Government Bonds	9	3.82%	4.51%	1.81%	25.23%	10.89%	-0.90%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	9	1.12%	5.40%	12.48%	15.93%	15.04%	-59.08%
BLV	Vanguard Long Term Bond	Long-Term Bond	9	5.02%	6.88%	6.34%	16.26%	9.98%	0.00%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	9	5.76%	8.71%	16.31%	7.19%	11.45%	-1.36%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	6.32%	13.71%	21.76%	-6.89%	4.96%	-14.43%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	9	6.74%	9.35%	10.02%	10.93%	9.85%	0.00%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	9	0.88%	5.41%	13.84%	16.03%	15.24%	-4.27%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	8	8.20%	19.96%	17.53%	-12.76%	1.07%	-14.75%
EZU	European Monetary Union Index	Europe Stock	8	6.20%	12.07%	20.13%	-6.78%	4.55%	-17.41%
EWI	iShares Italy Index	Europe Stock	8	7.39%	15.64%	22.36%	-11.85%	0.85%	-24.85%
EWM	iShares Malaysia Index	Emerging Markets Equi	8	7.60%	10.29%	16.09%	-3.97%	5.06%	-25.03%
IWO	Russell 2000 Growth	Small Growth	8	5.09%	7.49%	17.79%	0.10%	8.69%	-4.65%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	8	4.57%	8.57%	15.26%	1.61%	7.72%	-1.15%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	5.44%	7.16%	12.26%	1.26%	6.96%	-4.15%
IYH	Dow Jones US Healthcare	Specialty-Health	7	7.53%	4.82%	7.98%	6.35%	9.57%	-0.50%
IYC	iShares US Consumer Services	Consumer Discretionar	7	6.75%	7.21%	13.42%	1.80%	8.00%	-2.70%
VHT	Vanguard Health Care	Health & Biotech Equiti	7	7.26%	5.24%	8.53%	6.83%	10.04%	-0.51%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	7	6.58%	6.08%	15.61%	-1.47%	7.11%	-5.03%
EWZ	iShares Brazil Index	Latin America Stock	7	8.50%	19.49%	30.44%	-32.04%	-9.21%	-33.53%
EWL	iShares Switzerland Index	Europe Stock	7	5.07%	8.19%	11.77%	1.80%	6.76%	-2.46%
FV	First Trust VL Dividend	Large Cap Value Equiti	7	4.32%	5.20%	12.66%	5.74%	9.22%	-1.77%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	7	3.67%	8.78%	17.91%	-2.15%	5.59%	-6.89%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7	6.67%	7.70%	14.93%	-2.89%	5.52%	-7.21%
SPY	SPDR S&P 500	Large Cap Blend	6	5.08%	6.62%	11.18%	0.48%	6.27%	-4.55%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6	5.40%	7.13%	12.32%	0.12%	6.48%	-4.90%

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IYJ	Dow Jones US Industrial	Industrial Equities	6	7.00%	6.90%	14.79%	-5.30%	3.48%	-9.09%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	6	2.77%	12.11%	14.28%	-5.19%	4.72%	-25.37%
EZA	iShares South Africa Index	Emerging Markets Equi	6	7.31%	13.67%	23.17%	-21.29%	-4.94%	-49.21%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	6	4.57%	6.55%	11.10%	0.48%	6.25%	-4.56%
VGK	Vanguard European	Europe Equities	6	5.49%	9.65%	15.93%	-8.45%	2.72%	-15.88%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	6	7.66%	4.41%	6.56%	4.49%	7.95%	-0.45%
VOX	Vanguard Telecom Serv's	Communication Equitie	6	3.79%	5.22%	11.91%	3.88%	7.68%	-6.34%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	6	5.71%	10.47%	16.96%	-7.86%	3.81%	-19.66%
VT	Vanguard Total World Stock Index	Global Equities	6	5.11%	8.18%	13.56%	-2.66%	5.19%	-5.36%
ACWI	iShares MSCI ACWI	Global Equities	6	5.12%	7.73%	12.95%	-1.92%	5.32%	-5.03%
VTI	Total Stock Market VIPERs	All Cap Equities	6	5.35%	7.02%	12.42%	0.30%	6.54%	-4.77%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	6	3.79%	5.53%	7.17%	8.20%	7.24%	0.00%
VV	Vanguard LargeCap	Large Cap Blend	6	5.30%	7.04%	12.05%	1.57%	7.01%	-3.98%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	6	5.50%	6.78%	11.71%	1.49%	6.77%	-4.05%
EWA	iShares Australia Index	Asia Pacific Equities	6	5.49%	9.03%	18.31%	-10.56%	0.59%	-16.38%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	6	2.26%	2.62%	1.52%	18.79%	8.31%	-0.46%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	6	5.33%	7.09%	12.38%	0.23%	6.57%	-4.76%
IVV	S&P 500	Large Blend	6	5.09%	6.66%	11.35%	0.43%	6.26%	-4.61%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6	5.42%	5.45%	10.03%	1.26%	6.47%	-2.35%
IWB	Russell 1000 Index	Large Blend	6	5.34%	7.19%	12.27%	0.93%	6.85%	-4.35%
IWV	Russell 3000 Index	All Cap Equities	6	5.36%	7.15%	12.45%	0.16%	6.52%	-4.83%
FXI	iShares China 25 Index	China Equities	6	4.51%	10.85%	9.87%	-2.80%	4.41%	-21.48%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	7.89%	10.20%	20.22%	-12.68%	2.48%	-13.67%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	6	4.54%	9.61%	14.56%	-6.48%	3.19%	-14.77%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	6.45%	7.20%	14.37%	-5.35%	4.09%	-74.82%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	6.78%	7.47%	14.68%	-8.25%	3.33%	-15.03%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	5	5.15%	3.70%	6.33%	5.04%	7.75%	-41.42%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	5	7.50%	6.64%	12.09%	-5.60%	3.19%	-6.76%
IEV	S&P Europe 350 Index	Europe Stock	5	5.08%	9.04%	14.83%	-8.43%	2.35%	-15.58%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	4.64%	8.84%	13.76%	-7.00%	2.51%	-15.22%
JXI	iShares S&P Global Utilities	Utilities Equities	5	7.77%	5.28%	9.41%	-2.75%	1.90%	-11.08%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	5	3.15%	5.91%	11.75%	-1.96%	3.13%	-4.80%
EWQ	iShares France Index	Europe Stock	5	4.63%	10.81%	17.24%	-11.86%	0.69%	-14.91%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	4.69%	9.08%	14.30%	-6.89%	2.93%	-15.26%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5	5.29%	6.52%	12.93%	-4.75%	4.41%	-7.90%
IYT	Dow Jones Transportation	Transportation Equities	5	8.55%	8.27%	15.48%	-11.42%	0.49%	-16.96%
MOO	VanEck Vectors Agribusiness	Commodity Producers	5	5.52%	8.05%	14.45%	-7.30%	3.68%	-8.25%
VB	Vanguard SmallCap	Small Cap Blend	5	5.68%	6.65%	15.02%	-8.34%	2.96%	-10.78%
VXUS	Vanguard Total International Stock	Global Equities	5	4.60%	9.40%	14.73%	-6.75%	3.09%	-15.32%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	5	5.60%	8.35%	15.42%	-9.54%	2.62%	-20.02%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5	5.14%	5.10%	10.39%	-0.44%	5.62%	-4.40%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	6.02%	5.25%	8.64%	-0.88%	4.34%	-5.57%
XME	SPDR S&P Metals & Mining	Commodity Producers	5	10.50%	9.92%	19.19%	-21.45%	-0.23%	-41.18%
EWK	iShares Belgium Index	Europe Stock	4	5.49%	9.40%	14.13%	-11.42%	0.83%	-23.09%

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IJH	S&P MidCap 400	Mid-Cap Blend	4	6.45%	5.00%	13.33%	-9.87%	1.83%	-11.64%
VIS	Vanguard Industrials	industrials Equities	4	7.67%	6.13%	13.25%	-11.08%	-0.51%	-14.74%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	3.87%	7.50%	13.65%	-7.72%	2.11%	-15.31%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	4	6.76%	5.22%	7.18%	-1.50%	3.60%	-3.81%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4	3.67%	7.00%	13.08%	-7.43%	1.74%	-14.61%
FXE	CurrencyShares Euro Currency Trust	Currency	4	3.25%	4.59%	5.60%	2.86%	4.51%	-9.24%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	4	1.92%	3.65%	5.68%	5.69%	5.26%	-0.03%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	5.97%	6.20%	14.22%	-8.70%	2.15%	-11.62%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	4	1.64%	2.56%	2.93%	7.16%	4.64%	0.00%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	4	6.92%	1.53%	7.37%	1.66%	7.46%	-3.54%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	4	2.24%	4.34%	10.74%	-0.39%	4.64%	-4.20%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	4	1.62%	2.64%	3.15%	7.63%	4.92%	0.00%
IWM	Russell 2000	Small Blend	4	5.56%	6.13%	13.77%	-10.74%	1.73%	-14.31%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	2.23%	7.48%	13.93%	-8.75%	0.13%	-12.80%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	4	2.03%	9.47%	17.30%	-12.66%	-1.57%	-49.94%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	3.53%	6.30%	12.69%	-8.17%	1.40%	-15.64%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	4	5.97%	4.05%	8.64%	-3.54%	4.26%	-6.14%
DJP	Bloomberg Commodity Index	Commodities	4	8.70%	10.38%	14.66%	-18.63%	-4.67%	-27.53%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	4	2.83%	5.19%	10.83%	-1.87%	2.75%	-4.12%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	4	5.58%	6.86%	15.29%	-10.21%	2.25%	-12.96%
RSP	Guggenheim S&P Equal Weight	Large Blend	4	6.49%	6.09%	11.30%	-7.42%	2.42%	-9.86%
BAB	PowerShares Build America Bond Portfolio	National Munis	4	1.37%	5.17%	5.54%	5.34%	4.11%	-3.72%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	3.63%	6.28%	12.44%	-8.14%	1.26%	-15.47%
XLP	Consumer Staples Select *	Consumer Staples	4	6.67%	5.14%	6.78%	-1.07%	3.35%	-3.98%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	4	2.36%	4.64%	4.76%	2.50%	3.78%	-1.07%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	4	2.92%	7.34%	12.21%	-6.97%	0.31%	-11.21%
DBC	PowerShares DB Commodity Index	Commodities	4	5.57%	11.23%	18.17%	-19.30%	-4.88%	-30.53%
XLI	Industrial Select Sector *	Industrial Equities	4	7.46%	6.36%	12.79%	-11.01%	-0.78%	-15.03%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	4	5.82%	4.88%	6.47%	-2.31%	3.20%	-4.43%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	6.39%	5.07%	13.32%	-9.78%	1.90%	-11.53%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	3	5.62%	7.93%	12.73%	-12.94%	1.07%	-17.76%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	3	3.39%	7.50%	12.95%	-10.26%	0.10%	-12.48%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	3	2.61%	2.82%	5.72%	2.07%	6.39%	-10.94%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	3	1.16%	2.05%	2.95%	7.74%	4.77%	0.00%
XLU	Utilities Select Sector *	Utilities Equities	3	8.80%	2.45%	5.97%	-5.97%	-0.96%	-14.51%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	3	1.23%	1.69%	1.90%	6.14%	3.73%	0.00%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	3	7.73%	6.54%	5.73%	-9.28%	-1.81%	-14.88%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	3	0.62%	0.70%	0.60%	10.98%	4.82%	-0.01%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	3	1.32%	1.73%	1.92%	6.39%	3.86%	0.00%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	3	0.89%	0.93%	0.46%	8.80%	3.95%	-0.28%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	3	1.22%	2.62%	2.80%	4.39%	3.18%	-0.49%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	3	3.15%	8.77%	11.68%	-11.33%	-1.55%	-18.64%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	3	6.27%	9.13%	15.84%	-19.56%	-2.96%	-30.69%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	3	5.21%	4.59%	8.27%	-6.28%	1.89%	-8.67%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	3	3.59%	4.85%	9.65%	-6.29%	1.66%	-9.82%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	3	5.86%	8.33%	12.92%	-14.06%	-2.44%	-25.85%
IJR	S&P Sm.Cap 600	Small Blend	3	6.92%	6.42%	12.45%	-15.24%	-1.15%	-21.12%
GSG	iShares GSCI Commodity Index	Commodities.	3	5.57%	12.73%	27.36%	-33.42%	-14.45%	-42.31%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3	1.13%	4.11%	11.05%	-6.23%	1.49%	-16.35%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	5.34%	6.50%	11.33%	-9.42%	0.54%	-12.18%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	3	5.25%	3.14%	7.16%	-3.36%	1.71%	-9.14%
RSX	Market Vectors Russia	Emerging Markets Equi	3	1.85%	6.22%	16.19%	-11.63%	-0.12%	-17.09%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3	3.65%	5.86%	14.03%	-9.84%	1.44%	-19.05%
ILF	iShares S&P 40 Latin America	Latin America Stock	3	6.11%	14.33%	22.52%	-30.91%	-11.13%	-40.63%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	3	1.16%	1.72%	1.70%	6.20%	3.81%	0.00%
PZA	Pshares Insured National Munis	National Munis	3	1.05%	1.90%	6.05%	1.44%	1.92%	-2.51%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	2.92%	2.96%	5.09%	-3.89%	0.80%	-5.00%
KIE	SPDR S&P Insurance	Specialty-Financial	2	7.41%	6.67%	12.27%	-17.45%	-5.19%	-68.79%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	2	0.27%	0.26%	0.31%	7.11%	3.17%	0.00%
ECH	iShares Chile Index	Latin America	2	4.17%	13.45%	8.26%	-18.27%	-4.24%	-51.49%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	0.47%	0.93%	1.31%	4.80%	2.82%	0.00%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	2.93%	3.32%	5.91%	-4.25%	0.78%	-67.71%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	2	8.16%	0.40%	4.29%	-5.93%	-0.80%	-13.79%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	2	0.60%	1.22%	2.10%	2.42%	1.96%	-0.10%
IWS	Russell MidCap Value	Mid-Cap Value	2	6.34%	5.30%	10.57%	-15.24%	-2.67%	-17.03%
VPU	Vanguard Utilities VIPERS	Utilities Equities	2	8.67%	1.87%	5.41%	-7.05%	-1.61%	-15.00%
SCHD	Schwab US Dividend Equity	All Cap Equities	2	5.34%	3.11%	6.77%	-6.52%	1.15%	-8.77%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	2	7.09%	5.75%	10.33%	-15.27%	-2.77%	-17.13%
EWP	iShares Spain Index	Europe Stock	2	4.59%	8.72%	14.06%	-17.77%	-4.97%	-34.63%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	2	5.22%	4.76%	9.41%	-9.75%	0.27%	-11.68%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	2	0.42%	1.57%	2.60%	3.18%	2.57%	-0.10%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	2	0.20%	0.17%	0.14%	7.04%	3.10%	-0.08%
MUB	iShares S&P National Muni Bond	National Munis	2	1.06%	1.62%	4.81%	2.33%	2.29%	-0.88%
IDU	Dow Jones US Utilities	Utilities Equities	2	8.63%	2.10%	5.50%	-7.14%	-1.65%	-15.14%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	2	4.15%	2.99%	5.58%	-4.82%	0.11%	-8.37%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	2	3.65%	1.99%	4.45%	-0.46%	5.16%	-6.12%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	2	1.94%	3.32%	5.00%	-4.16%	0.37%	-8.28%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	0.19%	0.22%	0.28%	6.34%	2.88%	-0.01%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	2	5.30%	4.57%	8.82%	-10.45%	-0.34%	-12.52%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	2	3.41%	6.47%	11.68%	-14.96%	-2.73%	-25.94%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2	2.42%	3.61%	6.09%	-3.02%	1.43%	-3.57%
VTV	Vanguard Value	Large Cap Value	1	5.57%	3.10%	6.08%	-12.63%	-2.52%	-13.89%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	2.56%	1.55%	1.77%	-2.44%	0.96%	-5.79%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	2.93%	2.58%	3.86%	-6.09%	-0.44%	-8.08%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	1	2.18%	1.26%	2.04%	-3.33%	0.54%	-6.27%
FXY	CurrencyShares Japanese Yen Trust	Currency	1	0.29%	0.72%	0.36%	1.36%	1.23%	-8.34%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.36%	1.11%	2.23%	2.28%	2.27%	-0.01%
FXB	CurrencyShares British Pound	Currency	1	2.46%	3.34%	0.98%	-3.99%	0.18%	-15.28%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PKW	PowerShares Buyback Achievers	All Cap Equities	1	3.73%	5.19%	9.37%	-13.66%	-1.86%	-15.71%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	1.99%	2.95%	4.17%	-5.24%	-0.63%	-8.43%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	1.84%	1.79%	4.80%	-6.28%	-0.96%	-8.25%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	1	1.60%	1.23%	4.29%	-4.10%	4.67%	-12.39%
EWJ	iShares Japan Index	Japan Stock	1	-0.21%	0.02%	7.98%	-5.58%	0.55%	-13.58%
SDY	SPDR Dividend ETF	Large Value	1	5.20%	3.49%	7.38%	-12.22%	-2.10%	-13.18%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.13%	0.23%	0.56%	3.15%	1.75%	-0.05%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	0.73%	1.18%	2.01%	1.63%	1.53%	-1.11%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	1	0.16%	3.04%	8.82%	-8.49%	-1.01%	-11.25%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	1.86%	3.02%	5.10%	-6.28%	-0.90%	-8.33%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	1	6.24%	4.22%	11.07%	-17.75%	-3.60%	-18.61%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	1	3.00%	2.15%	3.00%	-4.93%	0.13%	-11.40%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	1	1.00%	4.09%	9.81%	-9.00%	-0.80%	-12.14%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	1	0.18%	3.00%	8.80%	-8.55%	-1.59%	-11.40%
BNDX	Vanguard Total International Bond	Total Bond Market	1	0.54%	1.20%	1.38%	2.63%	1.16%	-1.94%
IWD	Russell 1000 Value	Large Value	1	5.83%	3.66%	7.41%	-13.14%	-2.49%	-14.50%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	5.20%	3.48%	6.58%	-12.84%	-2.58%	-14.22%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	1	4.44%	5.10%	9.55%	-16.36%	-2.19%	-27.35%
IYZ	Down Jones US Telecom	Commun. Equities	1	4.18%	2.12%	4.49%	-4.85%	0.43%	-22.22%
IVE	S&P 500/BARRA Value	Large Value	1	5.45%	3.13%	6.46%	-12.71%	-2.36%	-13.98%
VYM	Vanguard High Div. Yield Index	Large Cap Value	0	5.09%	2.89%	5.59%	-11.97%	-2.32%	-13.09%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	1.17%	0.98%	3.24%	-5.08%	-0.56%	-7.51%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	2.38%	4.48%	10.25%	-17.09%	-4.94%	-30.69%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	0	5.77%	4.04%	7.72%	-15.94%	-3.71%	-17.54%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.03%	-0.14%	-0.21%	2.20%	0.93%	-0.30%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	0	6.55%	5.22%	8.18%	-18.63%	-5.13%	-22.64%
VBR	Vanguard SmallCap Value	Small Cap Value	0	5.86%	4.31%	10.57%	-19.16%	-4.81%	-22.30%
IJS	S&P SmallCap 600/BARRA Value	Small Value	0	7.07%	5.59%	9.95%	-22.43%	-6.06%	-27.76%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	0	6.17%	3.71%	10.49%	-18.97%	-4.37%	-19.80%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.08%	0.62%	1.20%	-0.65%	0.53%	-0.96%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.00%	-0.10%	-0.26%	2.30%	1.00%	-0.26%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.04%	-0.14%	-0.23%	2.18%	0.94%	-0.27%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.07%	0.30%	0.91%	-0.02%	0.31%	-0.25%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0	2.55%	4.41%	6.79%	-14.95%	-5.18%	-20.46%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	0	2.39%	5.84%	8.47%	-17.64%	-4.55%	-25.08%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	0	-1.22%	-0.87%	7.47%	-7.01%	-0.82%	-12.95%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-1	4.59%	0.74%	2.86%	-14.10%	-3.86%	-14.51%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-1	6.05%	4.88%	9.21%	-22.21%	-7.55%	-70.80%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-1	-2.14%	9.09%	9.95%	-22.70%	-9.55%	-34.32%
EWH	iShares Hong Kong Index	China Equities	-1	-1.66%	8.00%	0.80%	-12.26%	-5.04%	-21.44%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-1	2.96%	5.46%	10.58%	-21.10%	-6.85%	-23.50%
IWN	Russell 2000 Value	Small Value	-1	6.23%	4.45%	9.02%	-22.03%	-6.30%	-26.59%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-1	2.57%	2.31%	6.82%	-17.07%	-5.81%	-20.47%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-1	5.12%	4.05%	5.79%	-18.54%	-6.00%	-18.94%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-2	3.95%	2.04%	3.12%	-16.28%	-5.98%	-17.17%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-2	5.31%	4.34%	8.99%	-28.11%	-11.08%	-29.94%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-2	-0.46%	-2.35%	6.11%	-12.01%	-3.74%	-24.52%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-2	1.51%	1.60%	7.19%	-18.43%	-5.91%	-20.79%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-2	-2.98%	-2.69%	5.60%	-8.27%	-1.89%	-16.00%
XLF	Financial Select Sector *	Financial Equities	-2	3.14%	2.74%	6.76%	-20.80%	-7.48%	-21.94%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-2	2.21%	3.85%	8.24%	-22.58%	-9.03%	-27.87%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-2	5.12%	4.56%	6.61%	-24.25%	-8.30%	-74.52%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	0.72%	4.97%	6.47%	-19.41%	-8.88%	-27.02%
VFH	Vanguard Financials	Financials Equities	-2	3.01%	2.73%	7.17%	-21.55%	-7.86%	-22.84%
IYR	Dow Jones US Real Estate	Real Estate	-2	1.37%	1.12%	4.02%	-14.84%	-6.63%	-21.11%
DVY	iShares Select Dividend Index	Large Cap Value	-2	5.33%	2.07%	4.58%	-20.13%	-7.82%	-21.41%
VNQ	Vanguard REIT Index	Real Estate	-2	1.48%	0.73%	3.51%	-14.87%	-6.70%	-20.88%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-3	-0.97%	0.40%	7.40%	-20.28%	-7.15%	-31.53%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-3	1.06%	4.90%	2.92%	-21.04%	-9.54%	-32.39%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-3	2.31%	0.44%	0.29%	-17.04%	-7.90%	-40.20%
ICF	Cohen & Steers Realty	Real Estate	-3	1.02%	-0.13%	1.74%	-13.32%	-6.55%	-19.79%
IGE	iShares North American Natural Resources	Commodity Producers	-3	4.68%	2.85%	5.87%	-25.59%	-8.66%	-41.22%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-3	5.61%	0.82%	1.35%	-20.40%	-9.24%	-22.66%
UUP	PowerShares DB US Dollar Bullish	Currency	-3	-2.66%	-3.87%	-4.40%	-1.42%	-3.96%	-8.83%
EWU	iShares United Kingdom Index	Europe Stock	-4	1.58%	1.31%	4.44%	-22.33%	-8.84%	-30.39%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-4	0.21%	2.44%	3.57%	-22.13%	-11.00%	-25.89%
EWV	iShares Mexico Index	Latin America Stock	-4	0.22%	1.97%	11.24%	-27.88%	-14.26%	-43.49%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-4	2.69%	-0.53%	6.33%	-25.34%	-13.65%	-30.93%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-4	3.68%	1.29%	2.52%	-23.05%	-10.03%	-23.74%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	0.21%	2.59%	4.53%	-24.48%	-13.56%	-32.08%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-5	0.52%	-2.12%	2.00%	-20.60%	-12.38%	-27.20%
SCHH	Schwab U.S. REIT	Real Estate	-6	1.41%	-1.20%	0.14%	-22.93%	-12.78%	-27.22%
RWR	Wilshire REIT Fund	Real Estate	-6	0.31%	-1.51%	-0.45%	-23.79%	-13.60%	-27.99%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-6	0.08%	0.23%	1.46%	-24.17%	-13.24%	-27.16%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-6	-2.89%	-0.97%	3.53%	-22.76%	-10.66%	-35.05%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	1.81%	2.12%	4.33%	-36.20%	-11.64%	-62.87%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-7	-3.69%	-8.04%	-13.57%	-1.23%	-8.33%	-32.70%
DOG	ProShares Short Dow 30	Bear Market	-7	-3.98%	-6.21%	-11.01%	-6.70%	-10.04%	-48.47%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-7	2.43%	1.69%	6.32%	-38.34%	-22.78%	-61.37%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-8	1.23%	-1.12%	1.49%	-33.69%	-15.76%	-41.13%
KBE	SPDR S&P Bank	Specialty-Financial	-8	0.44%	-1.34%	1.41%	-32.96%	-15.71%	-38.78%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-8	-0.99%	-0.43%	2.09%	-32.98%	-15.77%	-35.07%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-9	-4.00%	-5.04%	-2.87%	-24.15%	-13.33%	-39.10%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-9	-5.12%	-7.50%	-11.86%	-11.27%	-12.85%	-48.79%
RWM	ProShares Short Russell2000	Inverse Equities	-9	-5.92%	-7.91%	-15.37%	-5.51%	-12.94%	-44.87%
IXC	S&P Global Energy	Energy Equities	-9	0.25%	-2.28%	0.36%	-36.03%	-19.03%	-49.96%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-10	0.15%	-2.18%	0.03%	-39.41%	-17.72%	-57.13%
XLE	Energy Select Sector *	Energy Equities	-10	-0.26%	-3.13%	-0.74%	-37.08%	-19.09%	-52.20%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VDE	Vanguard Energy VIPERS	Energy Equities	-10	0.24%	-2.31%	-0.22%	-38.06%	-18.43%	-53.71%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-10	0.20%	-2.05%	-0.05%	-37.52%	-18.98%	-53.88%
HDGE	Ranger Equity Bear	Inverse Equities	-12	-5.11%	-10.25%	-20.41%	-13.43%	-18.18%	-58.68%
UNG	U.S. Natural Gas Fund	Oil & Gas	-13	16.13%	-7.36%	-22.15%	-38.19%	-27.91%	-88.18%
PSQ	ProShares Short QQQ	Inverse Equities	-15	-5.07%	-12.02%	-16.44%	-26.22%	-22.04%	-67.37%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-17	-7.69%	-9.83%	-5.80%	-44.33%	-27.17%	-65.38%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	-25	0.00%	0.00%	0.00%	-100.00%	0.00%	-100.00%