HV ETF Master List as of 09/26/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD 9	/ ₆ Μ/A	DD%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	20	4.27%	10.83%	9.26%	57.31%	17.09%	-36.41%
ITB	iShares DJ US Home Construction	Building and Constructi	18	5.50%	9.91%	11.68%	42.94%	15.83%	-7.16%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	17	-6.15%	15.49%	36.83%	22.72%	22.59%	-42.78%
SMH	VanEch Vectors Semiconductor	Technology Equities	15	6.10%	5.14%	8.94%	38.21%	12.51%	-2.17%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	14	5.31%	4.45%	7.93%	36.75%	11.61%	-2.65%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	13	-4.49%	3.36%	12.01%	40.26%	20.81%	-14.47%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	12	2.95%	7.37%	6.14%	31.75%	10.40%	-1.46%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	12	4.28%	6.18%	3.76%	34.23%	10.20%	-6.63%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas ldx Exchg-Tr	Government Bonds	11	-4.76%	9.20%	12.51%	27.63%	16.50%	-5.37%
PPLT	ETFS Physical Platinum Shares	Precious Metals	11	1.85%	9.23%	14.97%	16.99%	9.82%	-22.31%
VPU	Vanguard Utilities VIPERS	Utilities Equities	10	3.64%	7.54%	6.62%	22.25%	10.55%	-0.34%
IDU	Dow Jones US Utilities	Utilities Equities	10	3.70%	7.63%	6.53%	21.68%	10.34%	0.00%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	10	0.61%	6.73%	6.57%	27.74%	10.83%	-1.18%
SLV	iShares Silver Trust	Precious Metals	10	-2.34%	8.67%	18.56%	14.81%	13.06%	-14.95%
XLU	Utilities Select Sector	Utilities Equities	10	3.79%	7.93%	7.00%	22.69%	10.97%	0.00%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	10	-5.23%	0.93%	10.71%	33.29%	17.92%	-10.25%
ICF	Cohen & Steers Realty	Real Estate	9	1.13%	5.21%	4.22%	25.77%	8.31%	-0.86%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	9	2.33%	4.36%	3.15%	24.24%	8.82%	0.00%
EDV	Vanguard Extended Duration Treasury	Government Bonds	9	-4.73%	7.38%	10.45%	23.66%	14.21%	-5.33%
IYR	Dow Jones US Real Estate	Real Estate	9	1.54%	4.99%	4.47%	25.11%	8.02%	-0.35%
VNQ	Vanguard REIT Index	Real Estate	9	1.58%	5.31%	4.45%	25.53%	8.03%	-0.33%
JXI	iShares S&P Global Utilities	Utilities Equities	9	3.95%	7.41%	5.73%	19.04%	8.59%	0.00%
KIE	SPDR S&P Insurance	Specialty-Financial	9	5.02%	3.88%	1.06%	24.53%	8.50%	-62.35%
SIL	Global X Silver Miners	Commodity Producers	8	-3.36%	5.03%	12.60%	18.55%	12.29%	-44.65%
SCHH	Schwab U.S. REIT	Real Estate	8	2.34%	5.03%	3.71%	22.59%	6.91%	0.00%
RWR	Wilshire REIT Fund	Real Estate	8	2.22%	4.65%	3.51%	21.79%	6.49%	0.00%
IYW	Dow Jones US Technology	Technology Equities	8	2.10%	-0.18%	1.10%	28.39%	7.28%	-2.92%
XLK	Technology Select	Technology Equities	8	1.53%	0.51%	1.03%	30.32%	8.35%	-2.39%
VGT	Vanguard Info Technology	Technolgy Equities	8	1.24%	-0.41%	0.25%	29.69%	7.32%	-3.12%
IYF	Dow Jones US Financial Sector	Specialty-Financial	7	2.92%	1.76%	0.49%	21.18%	5.80%	-1.14%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	7	-3.24%	5.13%	7.26%	16.85%	10.24%	-3.59%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	0.63%	0.99%	0.79%	24.51%	6.39%	-1.42%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	7	5.17%	5.23%	4.12%	15.21%	6.61%	-7.35%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	7	-6.47%	-2.97%	10.51%	26.70%	14.22%	-25.94%
GLD	SPDR Gold Shares	Precious Metals	7	-1.62%	3.94%	7.30%	16.94%	10.62%	-3.32%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7	0.45%	2.35%	1.83%	22.40%	7.56%	-0.85%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	7	-1.55%	4.04%	7.37%	17.18%	10.74%	-3.30%
TLT	iShares 20+ Treas. Bd	Government Bonds	7	-3.30%	5.26%	7.51%	17.18%	10.50%	-3.67%
IAU	iShares Gold Trust	Precious Metals	7	-1.57%	4.05%	7.39%	17.09%	10.71%	-3.29%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	7	1.67%	2.81%	2.56%	20.01%	6.55%	-0.27%
RSX	Market Vectors Russia	Emerging Markets Equi	7	5.34%	1.39%	-2.39%	24.16%	7.25%	-4.24%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	/ ₆ Μ/Α	DD%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	7	8.15%	6.46%	3.22%	12.00%	4.59%	-10.65%
IYJ	Dow Jones US Industrial	Industrial Equities	7	2.07%	1.20%	-0.16%	23.78%	4.76%	-1.57%
EWC	iShares Canada Index	Foreign Large Cap Equ	7	2.91%	2.55%	0.00%	20.87%	4.29%	-4.80%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	7	0.88%	2.18%	2.06%	22.01%	7.16%	-1.10%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	7	8.04%	6.22%	3.19%	10.63%	3.75%	-13.63%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	7	9.51%	5.77%	2.11%	9.77%	3.35%	-18.70%
XLI	Industrial Select Sector	Industrial Equities	7	3.15%	1.99%	0.41%	20.84%	4.01%	-3.51%
XLP	Consumer Staples Select	Consumer Staples	7	0.64%	3.33%	3.01%	20.50%	7.77%	-0.70%
VIS	Vanguard Industrials	industrials Equities	7	3.31%	1.70%	0.29%	21.67%	4.36%	-2.83%
EWJ	iShares Japan Index	Japan Stock	7	6.60%	5.45%	3.34%	13.04%	5.58%	-11.40%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	6	-0.92%	0.55%	1.34%	23.42%	7.45%	-2.03%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	6	4.33%	2.47%	0.54%	15.85%	4.08%	-3.08%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	6	2.35%	1.09%	0.39%	20.31%	4.72%	-0.71%
IJS	S&P SmallCap 600/BARRA Value	Small Value	6	5.76%	2.31%	1.01%	14.52%	2.50%	-12.85%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	6	5.13%	1.35%	-0.33%	17.07%	2.86%	-5.85%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	3.82%	2.81%	0.62%	18.39%	4.53%	-2.63%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	6	7.21%	1.24%	0.04%	16.71%	2.90%	-14.61%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	6	0.78%	-0.40%	-0.87%	22.77%	4.96%	-3.03%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	6	3.42%	1.89%	0.27%	17.88%	4.55%	-0.37%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	6	2.28%	1.91%	0.64%	17.63%	5.21%	-1.29%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	6	2.13%	4.39%	1.75%	17.22%	4.71%	-1.01%
EWL	iShares Switzerland Index	Europe Stock	6	1.43%	1.07%	0.94%	19.51%	5.39%	-1.15%
VUG	Vanguard Growth	Large Cap Growth	6	0.26%	0.55%	0.19%	24.40%	5.94%	-1.86%
XLF	Financial Select Sector	Financial Equities	6	4.21%	1.27%	-0.71%	17.38%	4.44%	-7.33%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	6	4.23%	2.44%	0.47%	15.81%	4.08%	-2.15%
EWN	iShares Netherlands Index	Europe Stock	6	3.19%	1.82%	0.87%	19.24%	4.54%	-7.87%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	6	2.52%	3.90%	2.85%	13.77%	4.85%	-6.67%
VFH	Vanguard Financials	Financials Equities	6	4.37%	1.01%	-0.61%	17.87%	4.28%	-6.87%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	6	1.49%	3.34%	2.03%	16.98%	6.07%	0.00%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	1.90%	2.21%	0.80%	18.68%	5.17%	-0.06%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	6	0.29%	1.71%	-2.88%	24.62%	1.69%	-21.58%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	6	0.80%	3.01%	2.70%	19.01%	6.80%	-0.68%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	6	2.59%	2.99%	1.09%	17.64%	5.60%	-1.41%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	6	-2.07%	2.77%	4.17%	18.48%	8.58%	-2.46%
IVE	S&P 500/BARRA Value	Large Value	6	3.10%	1.58%	0.36%	17.46%	4.58%	-1.91%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	6	0.36%	0.17%	-0.55%	22.39%	5.21%	-2.10%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	-2.16%	-0.55%	-0.81%	26.16%	6.16%	-3.27%
VO	Vanguard Mid-Cap	Mid-Cap Blend	6	1.95%	0.45%	-1.08%	21.55%	4.29%	-2.08%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	6	4.35%	1.91%	-0.01%	18.64%	4.45%	-4.04%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	6	3.37%	0.39%	-0.02%	21.68%	5.11%	-3.45%
USO	U.S. Oil Fund	Oil & Gas.	6	0.17%	4.33%	-1.26%	22.15%	-0.18%	-26.62%
BLV	Vanguard Long Term Bond	Long-Term Bond	6	-2.77%	3.82%	5.44%	16.91%	9.13%	-3.01%
IYK									
	Dow Jones US Cons. Goods	Consumer Staples Equi	6	2.00%	2.22%	1.71%	18.19%	5.34%	-3.70%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	/ ₆ Μ/Α	DD%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	1.44%	0.27%	-0.91%	18.59%	3.94%	-2.04%
IVW	S&P 500/BARRA Growth	Large Growth	5	0.18%	-0.02%	-1.22%	19.88%	4.33%	-2.41%
SCHD	Schwab US Dividend Equity	All Cap Equities	5	2.45%	2.35%	1.27%	15.88%	4.35%	-2.39%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	5	-0.17%	0.85%	-1.32%	21.29%	4.51%	-3.53%
IWV	Russell 3000 Index	All Cap Equities	5	1.47%	0.19%	-0.87%	18.37%	3.89%	-2.04%
IWS	Russell MidCap Value	Mid-Cap Value	5	3.72%	1.24%	-0.74%	17.45%	3.44%	-3.40%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	5	1.78%	0.04%	-1.37%	20.52%	3.66%	-75.00%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	-1.09%	-1.76%	-2.20%	24.86%	3.91%	-4.26%
IWD	Russell 1000 Value	Large Value	5	3.07%	0.98%	-0.80%	15.38%	3.44%	-2.59%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	1.47%	0.51%	-0.63%	18.86%	4.32%	-1.81%
RSP	Guggenheim S&P Equal Weight	Large Blend	5	2.69%	0.59%	-1.24%	18.11%	3.37%	-2.02%
IWF	Russell 1000 Growth	Large Growth	5	-0.12%	-0.24%	-0.65%	22.27%	4.97%	-2.50%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5	3.11%	1.00%	-0.49%	15.88%	3.51%	-2.58%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5	1.20%	0.38%	-0.99%	20.15%	4.28%	-1.99%
KBE	SPDR S&P Bank	Specialty-Financial	5	5.93%	0.42%	-1.75%	15.74%	0.84%	-16.64%
IWB	Russell 1000 Index	Large Blend	5	1.39%	0.40%	-0.71%	18.70%	4.16%	-2.00%
RPV	Guggenheim S&P 500 Pure Value	Large Value	5	5.76%	1.28%	-1.41%	14.03%	2.17%	-8.80%
PKW	PowerShares Buyback Achievers	All Cap Equities	5	2.87%	-0.21%	-2.15%	19.72%	3.42%	-2.74%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	1.18%	0.72%	-0.62%	20.42%	4.59%	-1.88%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	1.52%	0.74%	-0.43%	18.70%	4.44%	-1.65%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	0.12%	-0.09%	-1.28%	20.10%	4.35%	-2.45%
FXO	1st Trust Financials AlphaDEX	Financial Equities	5	3.51%	0.47%	-1.21%	18.03%	3.31%	-3.13%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	-0.28%	-0.95%	-1.99%	24.25%	4.06%	-3.44%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	1.49%	1.01%	0.07%	19.25%	4.89%	-1.25%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	5	3.19%	1.32%	-0.89%	18.16%	4.04%	-1.97%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	5	2.84%	0.87%	-0.45%	16.10%	3.71%	-2.11%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	0.11%	-0.17%	-1.33%	19.70%	4.18%	-2.50%
SPYG	S&P 500 Growth	Large Cap Growth	5	0.21%	0.03%	-1.17%	20.03%	4.36%	-2.40%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	3.38%	3.02%	1.02%	10.83%	4.50%	-0.90%
VTI	Total Stock Market VIPERs	All Cap Equities	5	1.42%	0.27%	-0.88%	18.47%	3.93%	-2.08%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	1.95%	1.23%	-0.71%	16.78%	4.01%	-5.92%
VV	Vanguard LargeCap	Large Cap Blend	5	1.50%	0.66%	-0.50%	18.79%	4.43%	-1.72%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	5	4.71%	0.82%	0.02%	13.04%	2.55%	-8.23%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	5	3.94%	0.92%	-0.13%	13.29%	3.31%	-2.25%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	5	4.71%	0.95%	-1.20%	14.48%	2.16%	-64.31%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	1.53%	0.30%	-0.75%	18.45%	3.94%	-1.95%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	1.89%	1.17%	-0.14%	15.30%	3.71%	-1.73%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	5.68%	2.36%	-0.04%	11.41%	0.99%	-68.01%
SDY	SPDR Dividend ETF	Large Value	5	3.15%	1.95%	-0.02%	14.19%	3.51%	-1.52%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	5	4.05%	2.46%	0.53%	13.97%	3.49%	-1.38%
DVY	iShares Select Dividend Index	Large Cap Value	5	4.16%	2.49%	1.00%	13.90%	3.94%	-1.45%
EWK	iShares Belgium Index	Europe Stock	5	2.61%	-0.32%	0.96%	15.36%	3.29%	-18.04%
SPY									
· .	SPDR S&P 500	Large Cap Blend	5	1.52%	0.73%	-0.49%	18.84%	4.50%	-1.66%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	⁄ ₆ М/А	DD%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	5	2.89%	0.98%	-0.65%	14.83%	3.24%	-2.41%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4	2.45%	1.57%	-2.44%	12.92%	2.22%	-15.02%
IYT	Dow Jones Transportation	Transportation Equities	4	2.69%	-0.37%	-0.89%	13.33%	0.78%	-10.30%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	1.87%	-0.39%	-1.74%	17.00%	2.71%	-3.27%
ACWI	iShares MSCI ACWI	Global Equities	4	2.53%	0.89%	-1.05%	15.04%	2.85%	-4.81%
FV	First Trust VL Dividend	Large Cap Value Equiti	4	1.01%	-2.19%	-3.27%	18.50%	1.40%	-5.76%
IYC	iShares US Consumer Services	Consumer Discretionar	4	-1.21%	-0.55%	-2.77%	19.76%	3.64%	-4.50%
EWI	iShares Italy Index	Europe Stock	4	1.78%	2.12%	-2.34%	13.59%	1.91%	-20.15%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	4	3.70%	1.85%	-1.43%	13.35%	2.38%	-11.24%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	1.30%	-0.78%	-2.14%	17.39%	2.58%	-5.63%
IWN	Russell 2000 Value	Small Value	4	4.96%	1.38%	-1.23%	11.67%	0.74%	-12.41%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	3.54%	1.43%	-1.48%	10.91%	1.50%	-13.37%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	3.64%	1.70%	-1.24%	11.18%	1.67%	-13.68%
IGV	iShares North American Tech-Software	Technology Equities	4	-0.96%	-3.22%	-4.70%	23.69%	2.39%	-6.70%
IJH	S&P MidCap 400	Mid-Cap Blend	4	2.84%	0.00%	-1.52%	16.34%	2.20%	-5.75%
IJR	S&P Sm.Cap 600	Small Blend	4	3.34%	0.33%	-0.61%	12.90%	1.49%	-13.34%
EWA	iShares Australia Index	Asia Pacific Equities	4	3.92%	-0.04%	-2.19%	15.74%	3.21%	-7.59%
VYM	Vanguard High Div. Yield Index	Large Cap Value	4	2.78%	1.57%	-0.18%	13.37%	3.20%	-2.74%
KRE	SPDR S&P Region.Banking	Specialty-Financial	4	5.70%	0.02%	-2.27%	12.95%	-0.07%	-19.61%
VBR	Vanguard SmallCap Value	Small Cap Value	4	3.96%	0.08%	-2.15%	13.17%	0.74%	-9.70%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	3.64%	1.80%	-1.36%	10.48%	0.97%	-17.26%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	5.10%	0.62%	-0.70%	11.70%	2.11%	-11.23%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	-1.13%	-2.28%	-2.92%	21.77%	2.19%	-4.45%
XLB	Materials Select Sector	Materials	4	2.77%	-0.24%	-1.78%	14.55%	3.53%	-9.71%
RWX	SPDR DJ Wil Intern. RE	Real Estate	4	1.76%	3.41%	-0.61%	11.54%	2.23%	-8.56%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	4	-0.12%	0.15%	-2.13%	18.97%	3.21%	-4.11%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	1.74%	-0.46%	-2.26%	18.07%	2.28%	-3.68%
VB	Vanguard SmallCap	Small Cap Blend	4	1.46%	-1.01%	-2.57%	17.08%	1.41%	-6.81%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	4	-0.50%	-0.76%	-2.14%	19.11%	2.99%	-3.06%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	4	8.17%	1.05%	2.65%	5.62%	4.23%	-44.93%
VTV	Vanguard Value	Large Cap Value	4	2.85%	0.66%	-1.12%	13.66%	2.97%	-1.70%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	4	-1.20%	-0.64%	-1.36%	19.51%	5.13%	-2.65%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	4	-2.36%	2.77%	4.49%	11.62%	6.89%	-2.56%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4	3.81%	1.92%	-1.24%	12.49%	2.40%	-12.27%
VT	Vanguard Total World Stock Index	Global Equities	4	2.14%	0.62%	-1.43%	14.60%	2.61%	-5.91%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	2.87%	-0.02%	-1.55%	16.41%	2.26%	-5.67%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	5.05%	1.73%	-0.49%	11.13%	2.00%	-1.99%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	-1.39%	1.63%	2.58%	12.60%	5.50%	-1.60%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	5.24%	2.58%	-0.40%	9.70%	2.30%	-14.57%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	3.06%	1.01%	-2.03%	10.81%	1.20%	-14.14%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	0.41%	0.46%	1.08%	9.81%	2.91%	-2.47%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	3	3.00%	0.79%	-2.49%	9.85%	0.74%	-14.98%
VAW									
*****	Vanguard Materials VIPERS	Materials	3	3.06%	-0.28%	-2.41%	13.47%	2.28%	-12.99%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	%М/A	DD%
GSG	iShares GSCI Commodity Index	Commodities.	3	2.00%	2.13%	-1.86%	9.27%	-1.06%	-18.16%
IEV	S&P Europe 350 Index	Europe Stock	3	2.69%	0.98%	-2.33%	10.30%	0.54%	-14.91%
HDV	iShares Core High Dividend	Large Cap Value Equiti	3	1.43%	0.62%	-1.91%	11.18%	1.59%	-2.20%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	-1.01%	0.89%	1.66%	9.84%	4.05%	-1.17%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	3	4.01%	2.34%	-1.58%	6.55%	-0.25%	-14.74%
BNDX	Vanguard Total International Bond	Total Bond Market	3	-0.52%	1.38%	2.24%	8.48%	4.38%	-0.62%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	3	1.45%	2.09%	-2.43%	11.98%	1.57%	-9.90%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	3	1.86%	1.59%	-1.64%	11.50%	2.14%	-9.16%
MOO	VanEck Vectors Agribusiness	Commodity Producers	3	-0.21%	-1.09%	-2.51%	15.27%	3.38%	-2.83%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	5.38%	2.22%	-2.19%	4.75%	-0.98%	-20.48%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	3	0.28%	0.59%	1.48%	11.26%	2.91%	-3.53%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	3.45%	1.34%	-1.89%	10.01%	0.99%	-14.10%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3	0.19%	0.67%	1.66%	9.44%	2.55%	-7.00%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	3	1.14%	-1.77%	-3.10%	15.44%	0.40%	-10.44%
IXUS	iShares Core MSCI Total International Stock	Global Equties	3	3.47%	1.35%	-1.95%	10.24%	1.02%	-14.73%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	3.33%	0.66%	-2.86%	9.83%	0.20%	-18.28%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	3	1.19%	-1.69%	-2.68%	17.18%	1.44%	-6.55%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	3	-0.07%	0.27%	1.91%	11.06%	2.89%	-3.30%
IWM	Russell 2000	Small Blend	3	2.19%	-1.24%	-2.74%	13.80%	0.23%	-11.93%
EZU	European Monetary Union Index	Europe Stock	3	2.38%	0.83%	-2.67%	10.38%	0.60%	-17.85%
BAB	PowerShares Build America Bond Portfolio	National Munis	3	-2.12%	1.38%	2.74%	8.76%	4.78%	-2.39%
EWQ	iShares France Index	Europe Stock	3	1.94%	1.01%	-2.32%	12.93%	1.81%	-11.21%
EWW	iShares Mexico Index	Latin America Stock	3	5.49%	5.15%	-2.83%	4.06%	-1.44%	-25.63%
VXUS	Vanguard Total International Stock	Global Equities	3	2.90%	0.88%	-2.49%	9.64%	0.64%	-15.37%
VOX	Vanguard Telecom Serv's	Communication Equitie	3	0.08%	-2.03%	-2.11%	17.79%	2.33%	-16.21%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	-0.08%	0.75%	0.21%	7.48%	1.46%	-2.02%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	2	2.60%	0.33%	-3.38%	8.20%	-0.35%	-19.43%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	-1.46%	0.85%	1.50%	6.26%	2.54%	-1.46%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	-1.10%	-0.33%	0.03%	9.11%	2.62%	-3.89%
EWU	iShares United Kingdom Index	Europe Stock	2	4.08%	0.74%	-3.15%	6.98%	-1.73%	-17.11%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	2	-1.24%	1.31%	2.10%	6.53%	3.36%	-1.39%
DJP	Bloomberg Commodity Index	Commodities	2	1.94%	2.42%	-0.41%	3.86%	-0.67%	-14.17%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	2	0.55%	-1.72%	-3.78%	13.13%	-0.41%	-7.81%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	2	-0.44%	-1.35%	-1.59%	12.37%	1.23%	-4.28%
VGK	Vanguard European	Europe Equities	2	2.04%	0.30%	-3.01%	9.87%	0.12%	-15.86%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2	-0.80%	-0.49%	-0.21%	7.97%	2.50%	-1.81%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	-0.09%	0.68%	0.20%	8.00%	-3.50%	-66.49%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	-0.90%	0.97%	1.72%	6.11%	3.14%	-0.99%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	-1.25%	-0.82%	-0.51%	10.37%	3.19%	-5.78%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	-0.05%	0.11%	1.41%	8.06%	2.11%	-3.94%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	2	-1.59%	0.71%	1.39%	6.65%	2.72%	-1.59%
XRT	SPDR S&P Retail	Consumer Discretionar	2	4.61%	1.92%	-2.26%	2.46%	-2.40%	-20.00%
COLIE									
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	2	2.97%	0.40%	-3.98%	7.73%	-0.67%	-18.44%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD 9	%М/A	DD%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	-1.03%	0.96%	1.63%	6.17%	3.06%	-1.12%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	-0.98%	1.06%	1.80%	6.40%	3.25%	-1.03%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	2	6.47%	3.57%	-4.66%	4.33%	1.01%	-6.64%
PZA	Pshares Insured National Munis	National Munis	2	-1.12%	0.65%	1.30%	6.12%	2.63%	-1.23%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	2	0.85%	-1.57%	-2.31%	11.21%	0.40%	-14.18%
IGE	iShares North American Natural Resources	Commodity Producers	2	3.38%	-0.34%	-3.77%	8.09%	-2.45%	-22.77%
IWO	Russell 2000 Growth	Small Growth	2	-0.40%	-3.66%	-4.18%	15.69%	-0.32%	-11.79%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	2	3.52%	0.94%	-2.98%	5.70%	-1.10%	-18.50%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	-1.15%	0.95%	1.83%	7.98%	3.76%	-1.32%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	2	-0.89%	0.74%	1.16%	5.63%	2.53%	-0.95%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2	-0.05%	0.42%	0.32%	7.75%	1.82%	-0.63%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	2	0.24%	1.44%	-3.01%	9.62%	0.18%	-6.56%
IYZ	Down Jones US Telecom	Commun. Equities	2	2.82%	-1.78%	-3.44%	10.85%	0.07%	-20.06%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	2	-1.54%	1.17%	2.40%	7.70%	4.28%	-1.78%
BSV	Vanguard Short Term Bond	Total Bond Market	1	-0.49%	0.24%	0.57%	2.74%	1.24%	-0.54%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	0.35%	-0.15%	-2.12%	7.70%	1.36%	-50.42%
EWD	iShares Sweden Index	Europe Stock	1	5.15%	0.82%	-4.55%	4.11%	-2.16%	-19.63%
EWG	iShares Germany Index	Europe Stock	1	2.10%	-0.22%	-4.74%	5.48%	-1.61%	-24.99%
PIN	PowerShares India Portfolio	Emerging Markets Equi	1	4.53%	3.15%	-4.00%	0.33%	-0.62%	-54.06%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1	2.67%	0.56%	-4.36%	5.19%	-2.00%	-19.96%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-1.03%	0.56%	1.37%	4.87%	2.63%	-1.29%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1	2.60%	0.60%	-5.00%	4.25%	-3.48%	-26.36%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.09%	-0.79%	-0.40%	3.86%	-0.26%	-3.42%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	1	7.13%	3.33%	-2.23%	-3.99%	-4.14%	-28.50%
EWZ	iShares Brazil Index	Latin America Stock	1	4.89%	-4.24%	-6.59%	10.63%	-0.24%	-10.71%
EWP	iShares Spain Index	Europe Stock	1	3.25%	1.14%	-5.15%	2.98%	-2.82%	-23.79%
UNG	U.S. Natural Gas Fund	Oil & Gas	1	5.65%	11.14%	1.31%	-15.22%	-6.56%	-76.28%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	-1.37%	0.66%	0.38%	4.27%	2.14%	-2.77%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	-0.12%	0.30%	-0.38%	5.06%	0.56%	-1.96%
MCHI	iShares MSCI China	China Equities	1	0.96%	0.21%	-4.81%	7.91%	-3.39%	-25.99%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	-0.15%	0.11%	-0.44%	3.80%	0.02%	-3.98%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	1	-0.91%	0.41%	1.09%	4.26%	2.22%	-1.13%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	-0.91%	0.49%	0.39%	3.74%	1.51%	-2.21%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	1	3.15%	0.49%	-4.00%	4.88%	-1.88%	-21.12%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	1.70%	-2.42%	-6.44%	9.93%	-1.34%	-11.07%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	1	3.23%	0.54%	-4.10%	5.40%	-1.74%	-20.95%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.31%	0.37%	0.67%	3.89%	1.52%	-0.39%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	-0.15%	0.24%	-0.21%	4.31%	0.30%	-3.25%
MUB	iShares S&P National Muni Bond	National Munis	1	-1.01%	0.25%	0.98%	4.59%	2.00%	-1.13%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-1.07%	0.56%	1.35%	4.76%	2.59%	-1.28%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	-0.31%	0.22%	0.41%	3.10%	1.32%	-0.55%
DBC									
	PowerShares DB Commodity Index	Commodities	1	1.19%	0.86%	-2.49%	5.24%	-1.86%	-17.75%
IXC	PowerShares DB Commodity Index S&P Global Energy	Commodities Energy Equities	1 1	1.19% 5.25%	0.86% 0.13%		5.24% 4.50%	-1.86% -4.22%	-17.75% -22.14%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	%М/A	DD%
INDA	iShares MSCI India	Emerging Markets Equi	1	4.94%	3.26%	-5.12%	0.60%	-0.91%	-11.88%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	1	-0.69%	0.53%	1.12%	4.51%	2.16%	-0.75%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-1.17%	-0.73%	-0.41%	2.36%	0.36%	-1.35%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	1.25%	-0.85%	-5.09%	6.69%	-1.95%	-20.26%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	0	2.23%	-1.98%	-4.99%	6.59%	-2.25%	-11.89%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	0	3.86%	-1.40%	-5.38%	4.46%	-3.17%	-18.81%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.38%	0.08%	0.31%	1.33%	0.62%	-0.71%
CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.39%	0.12%	0.30%	1.28%	0.63%	-0.90%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.00%	0.17%	0.15%	0.53%	0.21%	-0.03%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.08%	0.28%	0.26%	1.21%	0.31%	-0.18%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.35%	0.14%	0.32%	1.30%	0.66%	-0.78%
XLE	Energy Select Sector	Energy Equities	0	3.76%	-2.68%	-5.47%	3.99%	-4.97%	-24.42%
ILF	iShares S&P 40 Latin America	Latin America Stock	0	5.54%	-2.18%	-7.85%	3.24%	-3.88%	-19.44%
FXY	CurrencyShares Japanese Yen Trust	Currency	0	-1.37%	-0.64%	0.42%	1.18%	0.88%	-8.84%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	0	2.25%	-2.89%	-6.04%	4.93%	-2.40%	-17.74%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-1	0.80%	-2.49%	-6.86%	3.49%	-3.88%	-17.36%
XLV	Health Care Select SPDR	Health & Biotech Equiti	-1	-0.84%	-1.68%	-4.29%	3.72%	-0.80%	-6.40%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-1	3.89%	-2.56%	-6.10%	2.73%	-5.84%	-26.30%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-1	5.44%	-1.19%	-6.57%	-0.58%	-7.06%	-34.54%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-1	-1.38%	-3.88%	-5.92%	5.71%	-2.19%	-16.56%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	-2.08%	-4.28%	-5.34%	7.58%	-1.24%	-12.71%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	-1	-4.71%	-5.31%	-7.70%	12.28%	-3.29%	-12.81%
VHT	Vanguard Health Care	Health & Biotech Equiti	-1	-1.45%	-2.67%	-4.89%	4.11%	-1.52%	-7.57%
FXI	iShares China 25 Index	China Equities	-1	1.99%	-0.65%	-6.38%	2.12%	-4.91%	-26.09%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-1	-0.91%	-2.17%	-6.14%	7.05%	-1.33%	-12.86%
FXB	CurrencyShares British Pound	Currency	-1	1.15%	1.37%	-1.64%	-3.39%	-3.36%	-17.87%
VDE	Vanguard Energy VIPERS	Energy Equities	-1	3.80%	-2.76%	-6.66%	1.98%	-6.51%	-27.80%
IYH	Dow Jones US Healthcare	Specialty-Health	-1	-1.22%	-2.35%	-4.58%	4.15%	-1.18%	-7.70%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-2	4.93%	-0.06%	-5.12%	-7.08%	-3.74%	-31.45%
EZA	iShares South Africa Index	Emerging Markets Equi	-2	5.08%	-2.89%	-9.09%	-2.91%	-7.59%	-35.54%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-2	-2.20%	-4.59%	-6.54%	7.19%	-2.36%	-22.46%
XME	SPDR S&P Metals & Mining	Commodity Producers	-3	1.58%	-5.22%	-7.90%	-1.57%	-8.05%	-34.18%
ВВН	VanEck Vectors Biotech	Health & Biotech	-3	-4.44%	-6.65%	-8.57%	6.97%	-4.91%	-13.20%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-3	0.42%	-2.93%	-7.82%	-0.53%	-4.83%	-17.42%
FXE	CurrencyShares Euro Currency Trust	Currency	-3	-1.30%	-1.70%	-2.90%	-5.24%	-3.19%	-13.89%
IBB	Nandag Dietashaalagu	Health & Biotech Equiti	-3	-3.42%	-5.92%	-8.37%	3.79%	-6.33%	-70.64%
ECH	Nasdaq Biotechnology								
	iShares Chile Index	Latin America	-3	6.94%	-1.84%	-7.56%	-9.97%	-10.12%	-33.63%
EWM	•			6.94% 0.50%	-1.84% -2.65%	-7.56% -6.72%	-9.97% -6.32%	-10.12% -5.40%	-33.63% -23.53%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	ωM/A	DD%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-3.58%	-1.62%	1.44%	-11.42%	-2.91%	-26.73%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-4	1.35%	-5.11%	-9.66%	-1.67%	-7.86%	-27.92%
RWM	ProShares Short Russell2000	Inverse Equities	-4	-2.87%	0.25%	1.92%	-13.66%	-1.75%	-36.11%
EWH	iShares Hong Kong Index	China Equities	-5	-2.15%	-5.99%	-13.73%	0.80%	-9.03%	-16.18%
PSQ	ProShares Short QQQ	Inverse Equities	-5	-1.29%	-0.47%	0.22%	-19.65%	-6.09%	-50.31%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-5	-5.02%	-10.32%	-11.66%	7.37%	-8.65%	-23.84%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	-2.14%	-1.55%	-0.11%	-16.63%	-5.42%	-37.29%
DOG	ProShares Short Dow 30	Bear Market	-5	-2.29%	-1.92%	-0.53%	-14.40%	-4.64%	-41.29%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-6	-3.90%	-8.91%	-7.46%	-2.85%	-6.21%	-20.49%
HDGE	Ranger Equity Bear	Inverse Equities	-6	-5.86%	-0.60%	2.81%	-21.83%	-4.46%	-41.32%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-6	-4.02%	-9.61%	-11.21%	0.22%	-9.94%	-21.79%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-7	2.73%	-5.66%	-7.69%	-15.86% -	-10.92%	-22.94%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-7	3.00%	-3.58%	-14.64%	-14.70% -	-17.67%	-49.23%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	4.12%	-5.37%	-12.12%	-14.34% -	-15.78%	-45.76%
OIH	Oil Services HOLDRs	Energy Equities	-10	4.08%	-11.51%	-17.99%	-14.54% -	-20.61%	-65.83%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-13	5.62%	-11.26%	-15.11%	-29.97% -	-21.30%	-42.33%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-13	2.06%	-13.52%	-21.06%	-17.65% -	-24.72%	-68.72%