

HV ETF Master List as of 09/12/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	22	8.51%	19.76%	33.17%	27.11%	29.11%	-40.73%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	18	11.86%	5.63%	13.70%	39.67%	15.88%	-0.58%
ITB	iShares DJ US Home Construction	Building and Constructi	17	9.68%	9.15%	8.73%	41.01%	16.30%	-8.41%
SMH	VanEck Vectors Semiconductor	Technology Equities	17	11.34%	4.74%	13.29%	39.75%	15.62%	-1.09%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	16	3.81%	7.03%	2.52%	51.78%	14.87%	-38.65%
PPLT	ETFS Physical Platinum Shares	Precious Metals	15	13.06%	11.40%	17.68%	19.32%	13.09%	-20.76%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	13	9.04%	3.07%	4.98%	34.29%	11.86%	-6.59%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	12	7.55%	5.89%	4.90%	31.03%	11.24%	0.00%
SLV	iShares Silver Trust	Precious Metals	12	4.90%	10.66%	17.09%	16.53%	15.90%	-13.67%
XLK	Technology Select	Technology Equities	11	6.43%	0.89%	3.55%	31.91%	11.12%	-1.20%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	11	8.56%	3.13%	1.59%	30.73%	7.90%	-17.73%
VGT	Vanguard Info Technology	Technolgy Equities	10	5.94%	0.12%	2.78%	31.33%	10.10%	-1.89%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	10	12.99%	2.74%	5.20%	18.64%	5.49%	-13.19%
IYW	Dow Jones US Technology	Technology Equities	10	6.49%	0.76%	4.06%	29.77%	9.80%	-1.88%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	10	-4.87%	-2.37%	10.45%	34.83%	18.29%	-17.78%
IJS	S&P SmallCap 600/BARRA Value	Small Value	10	10.82%	5.42%	5.10%	16.86%	5.37%	-11.06%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9	5.22%	1.22%	2.72%	25.96%	8.85%	-0.27%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	9	1.07%	4.04%	4.30%	25.55%	9.99%	-2.87%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	9	11.05%	2.61%	6.02%	16.56%	6.47%	-5.37%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	9	8.29%	0.90%	4.50%	23.35%	7.71%	-2.13%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	9	-7.79%	10.01%	8.39%	23.74%	14.25%	-8.26%
VIS	Vanguard Industrials	industrials Equities	9	8.21%	2.31%	1.79%	23.41%	6.95%	-1.44%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	9	4.93%	2.48%	4.09%	23.37%	9.45%	0.00%
UNG	U.S. Natural Gas Fund	Oil & Gas	9	15.66%	13.31%	18.62%	-9.75%	-2.37%	-74.75%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	9	7.92%	0.57%	2.64%	24.91%	8.79%	-0.65%
IYJ	Dow Jones US Industrial	Industrial Equities	9	6.95%	1.75%	1.59%	25.40%	7.29%	-0.27%
SCHD	Schwab US Dividend Equity	All Cap Equities	9	8.82%	3.51%	3.84%	18.71%	7.77%	0.00%
EWN	iShares Netherlands Index	Europe Stock	9	8.30%	1.69%	3.78%	21.10%	7.13%	-6.43%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	9	3.81%	1.94%	3.57%	25.44%	10.53%	-0.43%
XLI	Industrial Select Sector	Industrial Equities	9	8.27%	2.45%	1.40%	22.53%	6.48%	-2.16%
RSX	Market Vectors Russia	Emerging Markets Equi	8	8.52%	-1.88%	-1.60%	25.01%	9.05%	-3.58%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	8	4.94%	0.32%	1.99%	24.15%	7.87%	-0.68%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	8	9.97%	2.56%	3.91%	14.72%	5.40%	-8.83%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	8	5.85%	0.42%	2.32%	25.26%	8.24%	-1.05%
SIL	Global X Silver Miners	Commodity Producers	8	3.22%	1.03%	11.74%	17.91%	12.69%	-44.95%
RPV	Guggenheim S&P 500 Pure Value	Large Value	8	10.92%	1.12%	2.17%	16.09%	4.72%	-7.16%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	8	9.45%	2.33%	2.49%	18.70%	5.12%	-4.54%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	8	6.98%	2.04%	3.02%	19.17%	7.51%	0.00%
DVY	iShares Select Dividend Index	Large Cap Value	8	8.36%	2.52%	4.22%	15.57%	6.09%	0.00%
EDV	Vanguard Extended Duration Treasury	Government Bonds	8	-6.99%	8.67%	7.33%	20.99%	12.95%	-7.37%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	8	6.53%	5.01%	4.80%	15.28%	6.84%	-5.42%

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HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	8.96%	2.57%	0.64%	20.02%	6.60%	-0.43%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	8	5.68%	1.75%	1.87%	21.10%	6.34%	-0.06%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	8	9.50%	2.26%	2.59%	17.57%	4.64%	-4.59%
IYT	Dow Jones Transportation	Transportation Equities	8	9.95%	1.94%	3.16%	17.10%	4.89%	-7.31%
IVE	S&P 500/BARRA Value	Large Value	8	7.81%	2.06%	3.87%	19.48%	7.29%	-0.22%
PKW	PowerShares Buyback Achievers	All Cap Equities	8	7.42%	0.13%	1.13%	22.02%	6.38%	-0.87%
IWF	Russell 1000 Growth	Large Growth	8	4.29%	0.06%	1.80%	23.95%	7.54%	-1.17%
IWN	Russell 2000 Value	Small Value	8	10.53%	3.43%	2.38%	14.40%	3.80%	-10.26%
IYC	iShares US Consumer Services	Consumer Discretionar	8	6.72%	0.23%	2.34%	24.01%	8.44%	-1.11%
IYF	Dow Jones US Financial Sector	Specialty-Financial	8	6.15%	1.38%	3.20%	21.93%	7.52%	-0.23%
IYR	Dow Jones US Real Estate	Real Estate	8	2.11%	3.80%	1.93%	23.59%	7.67%	-1.56%
KBE	SPDR S&P Bank	Specialty-Financial	8	10.83%	1.78%	2.95%	17.86%	3.52%	-15.12%
KRE	SPDR S&P Region.Banking	Specialty-Financial	8	11.04%	2.08%	2.88%	15.41%	2.81%	-17.86%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	8	6.93%	3.05%	3.29%	19.33%	7.99%	0.00%
IJR	S&P Sm.Cap 600	Small Blend	8	8.49%	3.60%	3.48%	15.80%	4.82%	-11.12%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	8	7.89%	1.55%	2.18%	19.76%	6.25%	-3.14%
VOX	Vanguard Telecom Serv's	Communication Equitie	8	6.03%	1.50%	3.10%	21.76%	6.77%	-13.39%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	8	8.10%	0.29%	2.43%	23.13%	7.89%	-0.76%
XLU	Utilities Select Sector	Utilities Equities	8	3.72%	3.40%	3.43%	19.69%	9.03%	-0.64%
XLF	Financial Select Sector	Financial Equities	8	8.27%	0.75%	3.10%	18.68%	6.58%	-6.30%
VUG	Vanguard Growth	Large Cap Growth	8	4.90%	0.71%	2.30%	25.94%	8.45%	-0.63%
VNQ	Vanguard REIT Index	Real Estate	8	2.64%	4.22%	1.21%	24.22%	7.89%	-1.37%
VFH	Vanguard Financials	Financials Equities	8	8.29%	0.88%	3.10%	19.22%	6.48%	-5.80%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	9.96%	3.24%	2.33%	13.00%	2.96%	-67.55%
IWM	Russell 2000	Small Blend	7	7.94%	1.51%	1.13%	17.28%	4.06%	-9.24%
RWR	Wilshire REIT Fund	Real Estate	7	3.01%	3.04%	0.84%	20.91%	6.45%	-0.42%
IWD	Russell 1000 Value	Large Value	7	7.14%	1.07%	2.34%	17.23%	5.88%	-1.03%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	6.73%	0.53%	0.46%	18.70%	4.07%	-7.91%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	5.88%	0.70%	1.66%	20.57%	6.65%	-0.40%
VV	Vanguard LargeCap	Large Cap Blend	7	5.73%	0.60%	1.68%	20.36%	6.74%	-0.42%
IVW	S&P 500/BARRA Growth	Large Growth	7	4.26%	-0.20%	1.01%	21.38%	6.64%	-1.18%
IVV	S&P 500	Large Blend	7	5.85%	0.81%	2.38%	20.46%	6.89%	-0.23%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	7	4.30%	-0.14%	1.11%	21.39%	6.64%	-1.13%
SCHH	Schwab U.S. REIT	Real Estate	7	3.06%	3.11%	1.04%	21.50%	6.80%	-0.38%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	5.94%	0.63%	2.05%	20.30%	6.50%	-0.42%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	7.11%	1.25%	1.12%	18.38%	4.79%	-4.08%
IWB	Russell 1000 Index	Large Blend	7	5.68%	0.54%	2.08%	20.47%	6.67%	-0.54%
IWV	Russell 3000 Index	All Cap Equities	7	5.83%	0.61%	2.02%	20.26%	6.49%	-0.47%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	7	4.24%	-0.26%	0.61%	21.63%	6.69%	-1.22%
KIE	SPDR S&P Insurance	Specialty-Financial	7	4.58%	0.46%	1.48%	23.05%	8.40%	-62.79%
VPU	Vanguard Utilities VIPERS	Utilities Equities	7	3.69%	3.30%	3.32%	19.41%	8.78%	-0.65%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	0.89%	-1.37%	0.34%	26.57%	7.77%	-2.96%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	7	5.08%	1.47%	3.40%	19.22%	7.00%	-2.86%
VTI	Total Stock Market VIPERs	All Cap Equities	7	5.84%	0.62%	1.95%	20.36%	6.51%	-0.51%

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RSP	Guggenheim S&P Equal Weight	Large Blend	7	7.07%	0.67%	1.38%	19.99%	5.90%	-0.46%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	7	7.61%	1.52%	2.14%	17.85%	6.06%	-0.93%
EWI	iShares Italy Index	Europe Stock	7	10.55%	-1.69%	1.67%	15.53%	4.34%	-18.79%
IWS	Russell MidCap Value	Mid-Cap Value	7	7.44%	1.36%	1.83%	18.91%	5.54%	-2.20%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7	5.39%	-0.23%	0.83%	22.57%	6.15%	-1.25%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	7	5.56%	0.34%	1.43%	21.86%	6.78%	-0.60%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	7	5.65%	-0.11%	1.03%	21.97%	5.89%	-74.70%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	7	3.82%	1.77%	2.72%	20.34%	7.61%	0.00%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	7	6.83%	1.43%	-0.20%	18.08%	5.50%	-0.20%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	2.95%	-2.15%	0.03%	26.29%	6.31%	-3.16%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	7	5.84%	0.81%	1.81%	20.38%	6.88%	-0.26%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	7	9.49%	0.62%	1.44%	18.37%	4.97%	-3.54%
SPYG	S&P 500 Growth	Large Cap Growth	7	4.28%	-0.23%	0.64%	21.54%	6.67%	-1.18%
XRT	SPDR S&P Retail	Consumer Discretionar	7	15.13%	2.62%	2.30%	6.20%	1.44%	-17.09%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	7	6.94%	1.18%	1.55%	16.66%	5.66%	-0.86%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	7	7.56%	1.49%	2.24%	18.13%	6.37%	-0.40%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	7	8.55%	2.15%	0.19%	18.97%	5.88%	-2.16%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	7	3.48%	1.91%	3.59%	19.83%	8.34%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	7	5.85%	0.82%	1.84%	20.55%	6.95%	-0.24%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7	2.77%	1.02%	2.64%	22.37%	8.56%	-0.88%
ICF	Cohen & Steers Realty	Real Estate	7	1.37%	2.73%	1.21%	23.73%	7.51%	-2.47%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	5.84%	0.78%	2.26%	20.64%	7.07%	-0.10%
VB	Vanguard SmallCap	Small Cap Blend	7	6.38%	0.40%	0.74%	19.70%	4.53%	-4.72%
VBK	Vanguard SmallCap Growth	Small Cap Growth	7	4.19%	-0.60%	0.50%	24.81%	5.86%	-2.06%
FXO	1st Trust Financials AlphaDEX	Financial Equities	7	6.94%	0.09%	2.03%	19.29%	5.31%	-2.10%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	7	-5.08%	-3.47%	8.86%	29.30%	16.24%	-12.93%
GLD	SPDR Gold Shares	Precious Metals	7	-1.66%	3.55%	7.79%	16.55%	11.31%	-3.64%
XLP	Consumer Staples Select	Consumer Staples	7	3.12%	1.77%	3.42%	20.89%	8.94%	-0.37%
EWL	iShares Switzerland Index	Europe Stock	7	4.21%	0.95%	1.33%	20.91%	7.61%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	5.76%	0.63%	1.71%	20.60%	6.82%	-0.37%
SDY	SPDR Dividend ETF	Large Value	7	7.21%	2.18%	1.75%	15.95%	5.78%	0.00%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	7	-1.59%	3.65%	7.86%	16.78%	11.42%	-3.64%
IAU	iShares Gold Trust	Precious Metals	7	-1.71%	3.62%	7.83%	16.60%	11.31%	-3.70%
EWK	iShares Belgium Index	Europe Stock	7	5.66%	2.37%	4.45%	16.46%	5.04%	-17.26%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	7	2.84%	1.42%	2.00%	22.64%	8.42%	-0.47%
IJH	S&P MidCap 400	Mid-Cap Blend	7	7.14%	1.26%	1.62%	18.36%	4.78%	-4.11%
IDU	Dow Jones US Utilities	Utilities Equities	7	3.74%	3.18%	3.87%	18.78%	8.46%	-0.60%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	7	7.80%	1.23%	3.09%	14.93%	7.09%	-7.58%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	7	7.80%	1.84%	3.18%	15.68%	6.12%	-0.19%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	5.93%	0.44%	0.71%	22.04%	7.02%	-0.56%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	6	3.01%	-2.01%	-0.54%	25.14%	5.94%	-2.74%
IWO	Russell 2000 Growth	Small Growth	6	5.57%	-0.23%	-0.09%	19.93%	4.25%	-8.55%
EWJ	iShares Japan Index	Japan Stock	6	6.34%	3.08%	2.20%	10.89%	4.13%	-13.08%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	4.95%	0.25%	0.60%	19.08%	4.91%	-4.27%

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IJT	S&P SmallCap 600/BARRA Growth	Small Growth	6	6.25%	1.81%	1.90%	14.74%	4.26%	-11.46%
JXI	iShares S&P Global Utilities	Utilities Equities	6	3.63%	2.23%	2.78%	15.85%	6.31%	-0.70%
EWA	iShares Australia Index	Asia Pacific Equities	6	7.04%	-0.97%	0.40%	16.83%	4.99%	-6.72%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	6	5.83%	-0.33%	0.67%	19.67%	4.48%	-4.57%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	6	8.64%	4.25%	1.81%	10.11%	3.20%	-12.16%
VTV	Vanguard Value	Large Cap Value	6	6.60%	0.65%	1.22%	15.40%	5.22%	-0.20%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6	6.24%	-0.31%	0.95%	18.61%	4.97%	-1.94%
VYM	Vanguard High Div. Yield Index	Large Cap Value	6	6.93%	1.46%	2.50%	15.08%	5.42%	-1.28%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	6	7.06%	1.77%	-0.07%	15.69%	4.60%	-3.21%
EWC	iShares Canada Index	Foreign Large Cap Equ	6	5.37%	-0.48%	0.21%	20.33%	4.72%	-5.23%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	6	9.27%	2.33%	-1.20%	14.61%	4.19%	-10.25%
VT	Vanguard Total World Stock Index	Global Equities	6	6.11%	0.01%	0.82%	16.13%	4.72%	-4.65%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	6	8.58%	4.17%	0.56%	8.73%	2.26%	-15.12%
VBR	Vanguard SmallCap Value	Small Cap Value	6	8.46%	1.21%	0.81%	15.26%	3.21%	-8.02%
VAW	Vanguard Materials VIPERS	Materials	6	6.40%	0.24%	0.69%	15.36%	4.81%	-11.54%
ACWI	iShares MSCI ACWI	Global Equities	6	6.12%	-0.09%	0.87%	16.24%	4.68%	-3.82%
MCHI	iShares MSCI China	China Equities	6	9.30%	0.08%	0.08%	12.85%	1.50%	-22.60%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	6	7.06%	1.70%	-0.19%	15.70%	4.64%	-2.24%
MOO	VanEck Vectors Agribusiness	Commodity Producers	6	5.20%	0.22%	1.92%	17.71%	6.39%	-0.77%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	6	5.92%	-0.42%	0.26%	19.86%	4.73%	-2.21%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	6.73%	1.52%	1.55%	14.68%	4.71%	-0.77%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	6	6.23%	0.02%	1.58%	16.78%	5.84%	-0.47%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	6	7.69%	0.66%	0.55%	15.55%	3.77%	-63.98%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	3.32%	1.17%	0.59%	18.34%	5.62%	0.00%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	6	10.31%	4.26%	2.75%	8.62%	2.54%	-19.54%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	6	2.70%	-1.36%	0.28%	20.51%	7.02%	-1.83%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	5.34%	0.48%	0.38%	17.61%	5.58%	-5.26%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	5	8.91%	0.71%	1.67%	8.19%	1.66%	-13.43%
EWD	iShares Sweden Index	Europe Stock	5	11.22%	0.43%	-1.04%	7.40%	1.36%	-17.09%
SCHF	Schwab International Equity	Foreign Large Cap Equ	5	6.56%	-0.16%	-1.02%	12.87%	3.40%	-11.97%
BLV	Vanguard Long Term Bond	Long-Term Bond	5	-3.64%	4.05%	3.64%	15.13%	8.29%	-4.49%
EWQ	iShares France Index	Europe Stock	5	7.03%	-0.39%	-0.33%	14.78%	4.20%	-9.75%
IGV	iShares North American Tech-Software	Technology Equities	5	2.66%	-5.03%	-3.10%	24.11%	3.88%	-6.38%
EZU	European Monetary Union Index	Europe Stock	5	7.88%	-0.08%	0.10%	12.44%	3.05%	-16.32%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5	6.75%	-0.14%	-0.14%	12.08%	2.92%	-13.16%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	5	-5.13%	5.50%	4.86%	14.56%	8.91%	-5.48%
FEZ	SPDR Euro Stoxx 50	Europe Stock	5	7.28%	-0.37%	-2.19%	14.34%	4.19%	-13.96%
XLB	Materials Select Sector	Materials	5	5.14%	0.38%	0.52%	15.80%	5.51%	-8.72%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	7.46%	1.20%	0.87%	12.38%	3.62%	-0.88%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	4.51%	-2.32%	-0.52%	20.24%	3.80%	-4.38%
TLT	iShares 20+ Treas. Bd	Government Bonds	5	-5.29%	5.70%	4.99%	14.82%	9.13%	-5.60%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	2.69%	0.59%	1.60%	15.96%	5.90%	-0.38%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	5	3.06%	-0.15%	11.04%	5.58%	4.42%	-44.95%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	5.16%	0.61%	0.57%	13.37%	4.15%	-0.27%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	6.28%	1.88%	0.64%	11.28%	5.28%	0.00%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5	-2.45%	2.77%	2.95%	16.74%	7.82%	-3.89%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	6.58%	-0.13%	0.03%	11.64%	2.65%	-13.33%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	5	2.96%	-1.65%	-0.58%	19.89%	4.59%	-2.43%
IYZ	Down Jones US Telecom	Commun. Equities	5	8.21%	-1.48%	0.00%	13.55%	3.10%	-18.12%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	5	2.76%	0.75%	-0.33%	15.93%	4.18%	-2.10%
USO	U.S. Oil Fund	Oil & Gas.	4	1.06%	-0.78%	-3.21%	18.74%	-2.28%	-28.67%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	6.69%	-0.80%	-0.60%	11.06%	2.30%	-14.09%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	6.81%	-0.75%	-0.55%	11.03%	2.46%	-13.30%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	0.91%	0.75%	1.96%	11.44%	3.60%	-3.38%
IEV	S&P Europe 350 Index	Europe Stock	4	6.68%	-0.73%	-0.84%	11.48%	2.16%	-14.00%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	4	6.60%	-0.82%	-0.63%	11.21%	2.50%	-13.92%
EWG	iShares Germany Index	Europe Stock	4	8.55%	-0.15%	-1.37%	8.13%	1.25%	-23.11%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	4	-7.86%	-6.69%	8.85%	23.30%	12.77%	-27.93%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	2.25%	-0.91%	0.57%	13.61%	2.88%	-3.22%
IYM	Dow Jones US Basic Mat's	Materials	4	6.79%	-1.17%	-0.15%	11.31%	3.23%	-13.50%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	6.60%	-0.20%	-0.12%	11.55%	2.65%	-12.86%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	7.08%	0.76%	0.35%	9.70%	2.73%	-14.57%
XME	SPDR S&P Metals & Mining	Commodity Producers	4	12.44%	-2.19%	-1.39%	5.57%	-1.26%	-29.41%
VXUS	Vanguard Total International Stock	Global Equities	4	6.57%	-0.81%	-1.74%	11.03%	2.43%	-14.29%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	6.23%	-0.50%	-0.33%	10.30%	1.35%	-17.39%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	4	3.86%	-3.61%	-2.80%	18.28%	2.64%	-8.15%
VGK	Vanguard European	Europe Equities	4	6.86%	-0.69%	-0.69%	11.85%	2.48%	-14.35%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	3	-0.33%	0.54%	1.29%	10.99%	3.36%	-3.36%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	-0.84%	0.90%	1.00%	9.29%	4.02%	-1.66%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	0.87%	0.61%	1.75%	9.86%	3.43%	-2.42%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	3	7.97%	-2.03%	-1.74%	7.74%	0.70%	-18.02%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	3	-3.40%	3.20%	2.81%	10.26%	6.20%	-3.75%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	5.94%	-1.66%	-1.31%	9.39%	1.20%	-18.54%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	3	6.11%	-3.90%	-2.49%	12.70%	1.69%	-8.83%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	3	-1.42%	1.49%	1.39%	11.51%	5.09%	-2.55%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	3	0.49%	0.36%	-0.02%	9.63%	3.58%	-3.43%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	3	7.20%	-2.55%	-2.96%	11.13%	2.81%	-9.54%
UUP	PowerShares DB US Dollar Bullish	Currency	3	0.45%	2.29%	2.61%	5.15%	2.68%	-0.63%
FXI	iShares China 25 Index	China Equities	3	8.61%	-1.80%	-2.88%	6.14%	-1.02%	-23.19%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3	1.22%	0.90%	0.26%	8.09%	2.51%	-0.16%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	3	8.81%	-0.73%	-3.92%	6.95%	-0.57%	-24.45%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	3	4.34%	-0.91%	-1.95%	12.16%	3.33%	-8.62%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	8.03%	-0.37%	-2.06%	7.52%	0.96%	-17.10%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	3	6.74%	-2.82%	-2.12%	9.73%	1.65%	-16.92%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	8.07%	-0.81%	-0.83%	5.11%	-0.38%	-20.21%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	5.94%	-1.65%	-1.93%	10.27%	1.15%	-17.95%
EWV	iShares Mexico Index	Latin America Stock	3	11.37%	-0.07%	-3.97%	3.93%	-1.19%	-25.72%
IGE	iShares North American Natural Resources	Commodity Producers	3	7.14%	-2.12%	-2.44%	8.79%	-1.46%	-22.27%

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VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	7.01%	-2.46%	-1.27%	10.16%	1.68%	-17.67%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	3	0.79%	0.55%	0.85%	11.70%	4.99%	-4.65%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	3	7.69%	-2.51%	-2.12%	7.53%	0.58%	-19.35%
BNDX	Vanguard Total International Bond	Total Bond Market	3	-1.13%	1.39%	2.18%	7.83%	4.08%	-1.22%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	7.07%	-2.86%	-3.85%	8.29%	0.96%	-13.52%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	2	-0.73%	0.69%	0.87%	5.36%	2.55%	-1.20%
BAB	PowerShares Build America Bond Portfolio	National Munis	2	-2.94%	1.78%	1.78%	7.95%	4.46%	-3.11%
EWU	iShares United Kingdom Index	Europe Stock	2	6.20%	-2.55%	-2.94%	6.78%	-1.59%	-17.27%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	-1.18%	1.01%	0.91%	5.57%	2.93%	-1.50%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	-1.34%	1.00%	0.94%	5.77%	2.96%	-1.62%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	-1.34%	1.04%	0.95%	7.42%	3.62%	-1.83%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	2	2.42%	-2.47%	-1.79%	9.51%	0.53%	-6.65%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	2	-2.10%	1.55%	1.39%	7.02%	4.04%	-2.39%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	2	2.86%	-4.79%	-4.99%	15.16%	-1.34%	-18.31%
PZA	Pshares Insured National Munis	National Munis	2	-1.30%	0.91%	1.42%	6.04%	2.87%	-1.30%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	1.68%	0.57%	-0.48%	8.11%	-3.08%	-66.46%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	-0.53%	0.37%	0.64%	8.06%	2.51%	-3.94%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	-1.26%	0.94%	0.96%	5.67%	2.90%	-1.58%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	-0.27%	0.03%	0.32%	8.71%	2.31%	-7.62%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	2	7.48%	-2.66%	-2.08%	6.96%	0.37%	-19.56%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	1.76%	0.67%	-0.33%	7.67%	1.98%	-1.85%
RWX	SPDR DJ Wil Intern. RE	Real Estate	2	2.83%	-1.47%	-1.79%	10.02%	1.22%	-9.81%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	2	8.34%	-2.59%	-3.37%	6.50%	-0.99%	-17.23%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	2	6.33%	-2.89%	-3.54%	8.98%	0.36%	-9.91%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	2	2.05%	-0.73%	-1.24%	8.24%	2.28%	-50.17%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	2	-1.77%	1.40%	1.20%	5.92%	3.08%	-1.95%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2	0.27%	0.01%	0.10%	8.16%	3.08%	-1.63%
MUB	iShares S&P National Muni Bond	National Munis	1	-1.35%	0.26%	0.73%	4.36%	2.01%	-1.35%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	1	5.23%	-6.26%	-2.86%	8.50%	0.76%	-14.36%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	-0.28%	0.00%	0.20%	3.19%	1.35%	-0.54%
IXC	S&P Global Energy	Energy Equities	1	7.23%	-3.60%	-5.42%	4.09%	-4.46%	-22.44%
IYH	Dow Jones US Healthcare	Specialty-Health	1	2.09%	-1.53%	-1.97%	6.52%	1.41%	-5.60%
DJP	Bloomberg Commodity Index	Commodities	1	2.90%	-0.90%	-0.59%	3.68%	-0.83%	-14.33%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	-1.48%	0.46%	0.16%	6.23%	2.65%	-1.98%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-1.34%	0.67%	0.58%	4.40%	2.50%	-1.62%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	-1.91%	-0.31%	0.17%	4.27%	2.42%	-2.77%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-1.35%	0.70%	0.55%	4.47%	2.51%	-1.66%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	1.15%	-0.09%	-0.81%	4.31%	0.49%	-3.25%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.89%	-0.35%	-0.04%	4.41%	0.41%	-2.90%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	0.97%	-0.37%	-1.03%	3.80%	0.18%	-3.98%
VDE	Vanguard Energy VIPERS	Energy Equities	1	8.47%	-3.08%	-5.47%	3.98%	-4.56%	-26.39%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	1	5.42%	-1.48%	-3.01%	2.05%	-4.39%	-25.20%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	-1.48%	0.36%	-0.02%	5.76%	2.37%	-1.93%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	-0.69%	0.59%	0.12%	3.82%	1.81%	-2.13%

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VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.46%	0.02%	0.05%	3.50%	1.33%	-0.76%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	2.03%	-1.74%	-2.72%	6.54%	1.17%	-5.41%
XLE	Energy Select Sector	Energy Equities	1	7.68%	-2.99%	-4.84%	5.67%	-3.27%	-23.20%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	1.42%	-0.04%	-0.85%	5.10%	0.82%	-1.92%
IYE	Dow Jones US Energy	Specialty-Natural Res.	1	8.21%	-3.07%	-4.52%	4.46%	-4.13%	-25.05%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	1	1.43%	-2.16%	-4.12%	8.01%	-2.13%	-69.44%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	-0.45%	0.18%	0.26%	3.00%	1.40%	-0.64%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	1	11.62%	-0.45%	-3.67%	-2.41%	-2.62%	-27.33%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	4.51%	-1.51%	-2.88%	2.69%	-1.65%	-14.74%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	1	4.58%	-4.15%	-2.82%	7.56%	0.36%	-15.68%
EWZ	iShares Brazil Index	Latin America Stock	1	3.94%	-7.89%	-2.69%	12.54%	2.04%	-9.17%
EWSP	iShares Spain Index	Europe Stock	1	6.26%	-3.67%	-3.67%	3.77%	-1.96%	-23.21%
XLV	Health Care Select SPDR	Health & Biotech Equiti	1	2.36%	-1.25%	-2.26%	5.84%	1.56%	-4.50%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.86%	0.45%	0.39%	4.13%	2.02%	-1.11%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	1	0.60%	-2.87%	-2.18%	9.58%	1.08%	-11.09%
GSG	iShares GSCI Commodity Index	Commodities.	1	2.31%	-2.34%	-3.22%	7.20%	-2.70%	-19.71%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-1.17%	0.45%	0.36%	3.94%	2.14%	-1.44%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.59%	-0.14%	-0.22%	1.12%	0.55%	-0.96%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.57%	-0.08%	-0.20%	1.13%	0.55%	-1.04%
DBC	PowerShares DB Commodity Index	Commodities	0	1.82%	-2.33%	-3.51%	4.28%	-2.70%	-18.50%
CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	0	1.96%	-1.83%	-0.92%	1.73%	-1.16%	-16.83%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.05%	-0.02%	0.00%	0.43%	0.14%	-0.13%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.54%	-0.06%	-0.17%	1.22%	0.59%	-0.82%
BBH	VanEck Vectors Biotech	Health & Biotech	0	-1.16%	-3.45%	-3.99%	10.19%	-1.57%	-10.59%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.59%	0.05%	-0.04%	2.49%	1.14%	-0.78%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.12%	-0.04%	0.06%	1.05%	0.21%	-0.33%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	0	9.77%	-3.49%	-6.09%	0.06%	-6.47%	-34.12%
ILF	iShares S&P 40 Latin America	Latin America Stock	0	6.35%	-7.13%	-5.28%	4.87%	-2.12%	-18.18%
EZA	iShares South Africa Index	Emerging Markets Equi	0	11.28%	-7.05%	-6.54%	2.26%	-2.51%	-32.10%
OIH	Oil Services HOLDRs	Energy Equities	-1	18.92%	-6.70%	-10.01%	-7.70%	-14.75%	-63.09%
FXV	CurrencyShares Japanese Yen Trust	Currency	-1	-1.90%	-0.83%	-0.81%	1.02%	0.90%	-8.99%
EWCH	iShares Hong Kong Index	China Equities	-1	6.08%	-8.37%	-7.39%	6.65%	-3.58%	-11.31%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-0.51%	-1.99%	-2.17%	-3.95%	-2.03%	-12.71%
FXB	CurrencyShares British Pound	Currency	-2	1.83%	-1.73%	-2.91%	-3.26%	-3.28%	-17.76%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-2	-1.69%	-5.99%	-1.82%	2.00%	-1.64%	-16.52%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-2	4.31%	-0.87%	-4.05%	-7.17%	-6.45%	-21.93%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-2	-2.70%	-7.54%	-4.36%	7.34%	-1.97%	-22.35%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-3	-0.89%	-7.06%	-6.82%	4.57%	-5.76%	-18.39%
EWM	iShares Malaysia Index	Emerging Markets Equi	-3	2.24%	-4.78%	-5.26%	-5.01%	-4.27%	-22.46%

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XES	SPDR Oil & Gas Equip./Services	Energy Equities	-3	18.17%	-7.09%	-13.42%	-9.77%	-18.01%	-65.73%
ECH	iShares Chile Index	Latin America	-4	4.53%	-6.27%	-6.08%	-8.65%	-9.22%	-32.65%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-6.12%	0.35%	0.19%	-11.69%	-3.87%	-26.95%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-4	10.77%	-5.53%	-10.32%	-12.42%	-14.50%	-44.55%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-4	0.95%	-8.06%	-8.54%	-0.88%	-3.87%	-11.30%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-4	2.22%	-6.61%	-7.20%	-2.94%	-3.84%	-55.56%
INDA	iShares MSCI India	Emerging Markets Equi	-4	2.18%	-7.33%	-7.96%	-2.94%	-4.31%	-14.98%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-5	11.89%	-4.91%	-12.99%	-12.36%	-15.98%	-47.83%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-5	1.78%	-6.15%	-8.11%	-9.09%	-6.33%	-32.93%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-5	5.34%	-5.71%	-5.53%	-13.71%	-9.41%	-20.98%
DOG	ProShares Short Dow 30	Bear Market	-6	-6.08%	-0.34%	-2.27%	-15.08%	-6.24%	-41.76%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-5.40%	-0.73%	-2.44%	-17.17%	-7.00%	-37.70%
RWM	ProShares Short Russell2000	Inverse Equities	-7	-7.49%	-1.77%	-1.70%	-15.65%	-4.90%	-37.59%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-5.55%	-0.55%	-2.99%	-20.81%	-8.62%	-51.02%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-9	-8.68%	-14.25%	-13.22%	-1.83%	-10.57%	-21.02%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-10	10.63%	-11.55%	-11.25%	-26.56%	-18.86%	-39.52%
HDGE	Ranger Equity Bear	Inverse Equities	-11	-13.42%	-3.22%	-2.32%	-25.03%	-9.89%	-43.72%