

HV ETF Master List as of 10/24/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ITB	iShares DJ US Home Construction	Building and Constructi	22	6.05%	11.89%	16.56%	51.60%	18.94%	-1.54%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	21	2.47%	6.85%	13.57%	61.20%	15.42%	-34.84%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	17	4.81%	9.29%	11.29%	40.68%	12.61%	-2.14%
SMH	VanEch Vectors Semiconductor	Technology Equities	16	3.22%	9.52%	8.52%	42.66%	12.77%	-0.43%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	14	2.12%	7.53%	6.66%	39.65%	10.84%	-0.75%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	13	6.07%	11.55%	11.61%	22.20%	11.27%	-1.73%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	11	2.05%	2.67%	8.91%	30.35%	10.42%	-0.43%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	11	3.99%	11.49%	5.29%	21.37%	6.02%	-11.20%
EWD	iShares Sweden Index	Europe Stock	10	7.21%	12.73%	8.09%	11.61%	4.59%	-13.83%
VNQ	Vanguard REIT Index	Real Estate	10	1.42%	3.03%	6.81%	27.32%	7.40%	-0.33%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	10	3.22%	13.03%	9.18%	13.30%	6.12%	-16.08%
RSX	Market Vectors Russia	Emerging Markets Equi	10	2.53%	8.01%	3.96%	27.31%	8.39%	-1.81%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	10	4.90%	8.78%	6.85%	18.91%	6.31%	-6.89%
XLK	Technology Select	Technology Equities	10	1.44%	2.99%	1.95%	32.19%	7.29%	-0.99%
SCHH	Schwab U.S. REIT	Real Estate	10	1.95%	4.34%	7.07%	24.98%	7.04%	0.00%
IYW	Dow Jones US Technology	Technology Equities	9	1.34%	3.47%	1.15%	30.11%	6.35%	-1.62%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	9	2.51%	6.42%	5.39%	21.36%	5.65%	-0.19%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	9	2.39%	5.83%	2.79%	24.58%	6.06%	-1.14%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	9	2.32%	10.66%	8.93%	14.60%	6.19%	-8.58%
IYR	Dow Jones US Real Estate	Real Estate	9	1.39%	2.95%	6.45%	26.85%	7.37%	-0.31%
VGT	Vanguard Info Technology	Technolgy Equities	9	1.24%	2.50%	0.82%	31.30%	6.16%	-1.92%
RWR	Wilshire REIT Fund	Real Estate	9	1.94%	4.20%	6.67%	24.15%	6.67%	0.00%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	9	2.66%	4.84%	7.16%	20.33%	5.98%	-0.24%
ICF	Cohen & Steers Realty	Real Estate	9	1.24%	2.39%	6.51%	27.32%	7.38%	-0.20%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	9	2.34%	10.57%	8.70%	13.22%	5.48%	-11.61%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	8	2.49%	3.28%	2.07%	25.82%	5.72%	-0.61%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	3.91%	6.46%	5.54%	17.34%	5.07%	-11.69%
KBE	SPDR S&P Bank	Specialty-Financial	8	2.22%	8.28%	2.65%	18.31%	2.29%	-14.79%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	8	-1.80%	-6.21%	1.50%	37.73%	14.94%	-16.02%
IYF	Dow Jones US Financial Sector	Specialty-Financial	8	1.25%	4.21%	3.03%	22.69%	5.48%	-0.21%
JXI	iShares S&P Global Utilities	Utilities Equities	8	0.44%	4.41%	7.88%	19.57%	7.35%	0.00%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	8	5.59%	8.34%	6.22%	10.08%	1.68%	-22.24%
EWW	iShares Mexico Index	Latin America Stock	8	4.55%	10.29%	9.94%	8.79%	2.96%	-22.25%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	8	4.81%	9.01%	7.26%	11.67%	4.09%	-10.65%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	2.35%	5.62%	3.71%	20.94%	5.03%	0.00%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	8	1.49%	3.88%	2.60%	22.11%	4.68%	0.00%
XLF	Financial Select Sector	Financial Equities	8	1.93%	6.22%	3.22%	19.65%	5.16%	-5.54%
IVE	S&P 500/BARRA Value	Large Value	8	2.28%	5.45%	3.90%	20.14%	5.55%	-0.15%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	8	1.72%	2.02%	3.46%	26.77%	1.60%	-20.23%
RWX	SPDR DJ Wil Intern. RE	Real Estate	8	3.55%	5.37%	7.08%	15.51%	4.87%	-5.31%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	3.49%	7.26%	5.35%	14.34%	3.72%	-14.37%

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XLU	Utilities Select Sector	Utilities Equities	8	-0.17%	3.61%	7.75%	22.49%	8.63%	-0.17%
IDU	Dow Jones US Utilities	Utilities Equities	8	-0.24%	3.44%	7.37%	21.38%	8.02%	-0.24%
EWN	iShares Netherlands Index	Europe Stock	8	2.04%	5.30%	3.90%	21.67%	5.00%	-5.99%
EWG	iShares Germany Index	Europe Stock	8	6.43%	8.67%	6.19%	12.27%	4.24%	-20.17%
EWI	iShares Italy Index	Europe Stock	8	3.38%	5.22%	5.57%	17.43%	4.34%	-17.45%
VPU	Vanguard Utilities VIPERS	Utilities Equities	8	-0.19%	3.44%	7.33%	22.01%	8.23%	-0.53%
EWJ	iShares Japan Index	Japan Stock	8	1.43%	8.13%	6.96%	14.66%	6.22%	-10.13%
PKW	PowerShares Buyback Achievers	All Cap Equities	8	2.50%	5.43%	2.28%	22.71%	4.52%	-0.31%
AGQ	ProShares Ultra Silver	Leveraged Commodity	7	-1.02%	-7.11%	14.31%	21.46%	19.13%	-43.36%
VUG	Vanguard Growth	Large Cap Growth	7	1.00%	1.27%	1.55%	25.64%	5.05%	-0.88%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	7	1.71%	6.11%	4.22%	17.82%	4.68%	-1.43%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	7	-0.60%	1.71%	3.73%	23.49%	6.02%	-0.60%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	1.28%	2.48%	2.02%	21.97%	4.25%	-0.62%
IYT	Dow Jones Transportation	Transportation Equities	7	2.52%	5.27%	2.14%	16.18%	2.51%	-8.04%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	7	1.48%	4.95%	3.40%	19.63%	4.74%	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	1.10%	2.61%	2.12%	20.56%	4.50%	-0.16%
XLI	Industrial Select Sector	Industrial Equities	7	0.36%	3.53%	2.36%	21.27%	2.98%	-3.16%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	7	2.76%	6.51%	4.51%	14.25%	3.66%	-11.29%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	7	1.08%	3.70%	4.11%	18.91%	5.20%	-0.35%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	7	1.13%	6.32%	2.49%	18.39%	2.98%	-4.79%
EWA	iShares Australia Index	Asia Pacific Equities	7	1.57%	5.55%	1.53%	17.56%	3.74%	-6.14%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	7	3.74%	9.32%	6.04%	8.67%	2.53%	-17.51%
SDY	SPDR Dividend ETF	Large Value	7	1.81%	5.02%	3.80%	16.25%	4.22%	-0.37%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	7	1.64%	5.94%	4.12%	17.71%	4.61%	-0.55%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	7	1.64%	3.61%	2.89%	18.69%	4.36%	-4.39%
IWF	Russell 1000 Growth	Large Growth	7	1.31%	1.18%	1.06%	23.87%	4.54%	-1.23%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	7	1.22%	3.24%	3.46%	19.63%	5.10%	-2.53%
IYJ	Dow Jones US Industrial	Industrial Equities	7	0.37%	2.45%	1.58%	24.24%	3.47%	-1.20%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	7	2.70%	6.34%	4.17%	13.90%	3.45%	-11.03%
SCHF	Schwab International Equity	Foreign Large Cap Equ	7	2.54%	6.45%	4.51%	15.34%	4.08%	-10.04%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	7	1.46%	1.82%	1.63%	24.17%	4.94%	-0.67%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	7	-3.31%	-0.46%	3.82%	27.39%	4.54%	-4.72%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	7	1.70%	1.58%	1.86%	21.00%	3.55%	-2.47%
KRE	SPDR S&P Region.Banking	Specialty-Financial	7	1.87%	7.68%	1.89%	15.07%	1.24%	-18.10%
EWQ	iShares France Index	Europe Stock	7	2.87%	4.87%	3.91%	16.18%	3.54%	-8.66%
XRT	SPDR S&P Retail	Consumer Discretionar	7	4.57%	9.39%	6.58%	7.15%	2.25%	-16.34%
VGK	Vanguard European	Europe Equities	7	3.59%	5.71%	3.91%	13.82%	2.97%	-12.84%
EWU	iShares United Kingdom Index	Europe Stock	7	3.57%	7.79%	4.33%	10.80%	1.39%	-14.15%
VFH	Vanguard Financials	Financials Equities	7	1.47%	5.91%	2.50%	19.61%	4.56%	-5.50%
VIS	Vanguard Industrials	industrials Equities	7	0.56%	3.89%	2.27%	22.35%	3.47%	-2.29%
EWZ	iShares Brazil Index	Latin America Stock	7	4.42%	9.53%	0.00%	15.52%	3.97%	-6.76%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	7	1.77%	2.98%	2.15%	22.28%	4.46%	-0.26%
IEV	S&P Europe 350 Index	Europe Stock	7	3.36%	6.14%	4.38%	14.01%	3.14%	-12.05%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	0.75%	1.39%	1.75%	25.45%	5.23%	-0.68%

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XLP	Consumer Staples Select	Consumer Staples	7	0.42%	1.07%	3.77%	21.01%	6.39%	-0.28%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	0.91%	0.62%	-0.05%	25.37%	3.20%	-2.56%
RPV	Guggenheim S&P 500 Pure Value	Large Value	7	1.28%	7.11%	2.58%	15.49%	2.72%	-7.64%
EZU	European Monetary Union Index	Europe Stock	7	3.95%	6.43%	4.82%	14.75%	3.69%	-14.60%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	7	1.26%	3.56%	3.19%	19.11%	5.02%	-0.08%
ACWI	iShares MSCI ACWI	Global Equities	7	1.88%	4.46%	2.79%	17.21%	3.64%	-3.02%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	7	0.45%	4.82%	2.37%	19.18%	3.59%	-3.61%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	1.05%	6.87%	3.39%	15.72%	2.87%	-11.93%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7	0.66%	2.63%	1.11%	22.35%	3.40%	-1.43%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	7	3.36%	4.86%	5.51%	15.74%	3.96%	-6.88%
EWK	iShares Belgium Index	Europe Stock	7	2.92%	5.61%	2.59%	18.73%	5.08%	-15.65%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	0.74%	3.63%	0.72%	17.27%	1.95%	-4.97%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	6	0.11%	1.60%	3.45%	17.11%	4.70%	-0.28%
ACWX	iShares MSCI ACWI ex US	Global Equities	6	2.47%	6.01%	3.84%	12.73%	2.79%	-11.98%
IYC	iShares US Consumer Services	Consumer Discretionar	6	1.17%	-0.05%	0.62%	21.16%	3.33%	-3.38%
KIE	SPDR S&P Insurance	Specialty-Financial	6	-2.29%	2.62%	1.50%	21.68%	4.15%	-63.21%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	6	1.24%	7.00%	3.63%	12.80%	1.79%	-67.61%
EWC	iShares Canada Index	Foreign Large Cap Equ	6	-0.52%	2.38%	2.02%	20.24%	2.46%	-5.29%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	6	2.15%	4.05%	3.78%	13.90%	3.43%	-7.20%
DVY	iShares Select Dividend Index	Large Cap Value	6	0.80%	4.99%	3.30%	14.80%	3.71%	-0.67%
EWL	iShares Switzerland Index	Europe Stock	6	0.50%	1.94%	1.58%	20.11%	4.41%	-0.66%
EWP	iShares Spain Index	Europe Stock	6	4.42%	7.81%	5.60%	7.53%	1.40%	-20.42%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	6	1.16%	5.93%	2.12%	15.81%	2.43%	-63.90%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	0.79%	4.88%	3.27%	14.88%	3.30%	-0.60%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	6	4.49%	11.94%	7.97%	0.32%	0.70%	-25.29%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	6	1.46%	5.46%	2.39%	14.94%	3.74%	-0.82%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	6	1.37%	4.25%	2.25%	17.69%	3.90%	-0.77%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	3.07%	3.64%	1.30%	16.61%	1.79%	-4.98%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	6	1.19%	5.82%	2.00%	16.70%	2.22%	-5.30%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	-0.15%	-2.30%	-0.70%	25.97%	3.89%	-3.42%
IXUS	iShares Core MSCI Total International Stock	Global Equities	6	2.38%	5.93%	3.76%	12.87%	2.72%	-12.69%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	6	2.97%	3.21%	4.45%	12.87%	2.40%	-3.78%
IJH	S&P MidCap 400	Mid-Cap Blend	6	0.73%	3.59%	0.73%	17.19%	1.89%	-5.06%
ILF	iShares S&P 40 Latin America	Latin America Stock	6	4.37%	10.15%	2.09%	7.75%	0.68%	-15.92%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	6	0.98%	2.52%	1.28%	19.61%	3.56%	-0.99%
IVV	S&P 500	Large Blend	6	1.18%	2.66%	1.89%	20.07%	4.12%	-0.55%
IWB	Russell 1000 Index	Large Blend	6	1.14%	2.54%	1.54%	20.04%	3.88%	-0.89%
IWD	Russell 1000 Value	Large Value	6	0.91%	4.01%	1.90%	16.43%	3.24%	-1.70%
IWN	Russell 2000 Value	Small Value	6	1.47%	6.50%	2.88%	13.32%	1.68%	-11.12%
IWP	Russell MidCap Growth	Mid-Cap Growth	6	0.72%	-0.38%	-1.05%	25.76%	2.82%	-3.57%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	0.68%	2.47%	0.71%	21.34%	2.89%	-74.83%
IWS	Russell MidCap Value	Mid-Cap Value	6	0.62%	4.37%	1.87%	18.18%	2.89%	-2.80%
IWV	Russell 3000 Index	All Cap Equities	6	1.13%	2.61%	1.32%	19.70%	3.64%	-0.94%
FXO	1st Trust Financials AlphaDEX	Financial Equities	6	0.03%	3.54%	0.50%	18.07%	2.19%	-3.10%

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SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	6	0.81%	3.73%	1.80%	15.76%	2.97%	-1.62%
RSP	Guggenheim S&P Equal Weight	Large Blend	6	1.00%	3.72%	1.59%	19.29%	3.12%	-1.04%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	6	2.77%	5.45%	3.11%	11.20%	1.87%	-17.19%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6	1.10%	2.55%	1.37%	19.89%	3.66%	-0.96%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	6	2.66%	6.08%	3.34%	12.75%	2.22%	-16.11%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	6	1.89%	7.23%	4.52%	11.78%	3.65%	-12.95%
SCHD	Schwab US Dividend Equity	All Cap Equities	6	1.19%	3.67%	3.57%	17.27%	4.25%	-1.22%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	6	2.76%	5.81%	3.17%	10.71%	1.60%	-16.18%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	6	0.69%	2.45%	0.23%	18.88%	1.79%	-3.01%
VT	Vanguard Total World Stock Index	Global Equities	6	1.67%	3.84%	2.29%	16.51%	3.23%	-4.34%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	6	-0.38%	0.50%	1.80%	21.55%	4.89%	-1.47%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	6	1.34%	6.11%	2.18%	14.55%	3.16%	-7.00%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	6	2.50%	5.57%	3.30%	12.59%	2.60%	-12.85%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6	1.17%	2.66%	1.69%	20.25%	4.05%	-0.66%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	6	2.55%	5.69%	3.59%	13.64%	3.04%	-11.95%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	6	1.35%	6.52%	1.98%	13.21%	2.78%	-10.03%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	6	0.05%	0.85%	3.06%	19.07%	5.22%	-0.63%
SPY	SPDR S&P 500	Large Cap Blend	6	1.13%	2.68%	1.88%	20.19%	4.19%	-0.54%
USO	U.S. Oil Fund	Oil & Gas.	6	-0.59%	-0.42%	3.71%	21.43%	-1.50%	-27.05%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	-0.58%	-0.13%	1.76%	21.70%	4.97%	-1.42%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	6	1.14%	2.67%	1.88%	20.05%	4.15%	-0.54%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	6	1.15%	4.29%	2.16%	17.21%	3.52%	-1.46%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	0.32%	2.22%	2.54%	19.06%	3.97%	-0.17%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	6	0.92%	0.75%	1.78%	22.41%	3.82%	-2.63%
PPLT	ETFS Physical Platinum Shares	Precious Metals	6	-1.16%	0.67%	7.97%	15.63%	7.37%	-23.21%
VXUS	Vanguard Total International Stock	Global Equities	6	2.67%	5.65%	3.57%	12.56%	2.66%	-13.11%
VV	Vanguard LargeCap	Large Cap Blend	6	1.10%	2.61%	1.76%	20.09%	4.09%	-0.64%
VTV	Vanguard Value	Large Cap Value	6	1.26%	4.15%	1.93%	15.09%	3.22%	-0.47%
VTI	Total Stock Market VIPERs	All Cap Equities	6	1.08%	2.52%	1.35%	19.75%	3.65%	-1.02%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	6	-0.49%	1.18%	2.31%	19.43%	4.40%	-0.92%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	3.30%	6.94%	4.28%	9.20%	1.90%	-15.80%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	5	-2.10%	-7.22%	-1.18%	30.49%	12.29%	-12.13%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	5	-0.14%	-1.69%	3.89%	17.01%	8.86%	-3.44%
IVW	S&P 500/BARRA Growth	Large Growth	5	0.15%	0.33%	0.13%	20.06%	2.94%	-2.26%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	2.17%	3.91%	-0.31%	12.31%	0.21%	-9.14%
VB	Vanguard SmallCap	Small Cap Blend	5	0.72%	2.19%	-0.30%	17.92%	1.09%	-6.14%
SPYG	S&P 500 Growth	Large Cap Growth	5	0.18%	0.39%	0.21%	20.25%	2.99%	-2.23%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	0.22%	0.33%	0.05%	19.96%	2.87%	-2.29%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	0.71%	5.79%	2.44%	11.91%	1.99%	-1.29%
SLV	iShares Silver Trust	Precious Metals	5	-0.12%	-2.46%	8.54%	14.67%	11.49%	-15.05%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	0.31%	1.62%	-0.47%	17.75%	1.66%	-5.34%
VBR	Vanguard SmallCap Value	Small Cap Value	5	1.01%	5.02%	1.09%	14.32%	1.07%	-8.78%
IJR	S&P Sm.Cap 600	Small Blend	5	1.09%	4.46%	1.42%	14.12%	1.93%	-12.40%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5	0.17%	-0.95%	-2.11%	21.98%	0.92%	-4.28%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5	-0.27%	-2.33%	2.49%	18.16%	6.50%	-2.73%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	5	2.68%	3.96%	1.80%	9.55%	0.33%	-18.12%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	5	0.08%	-0.42%	-0.68%	19.21%	1.74%	-2.98%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5	0.96%	2.11%	-0.83%	16.55%	0.51%	-9.59%
IAU	iShares Gold Trust	Precious Metals	5	-0.14%	-1.71%	3.90%	16.92%	8.84%	-3.43%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	5	2.99%	6.32%	3.54%	8.55%	0.95%	-18.59%
VOX	Vanguard Telecom Serv's	Communication Equitie	5	0.87%	0.95%	-1.18%	18.82%	2.06%	-15.48%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	5	2.81%	5.56%	3.39%	8.15%	0.43%	-17.71%
IWM	Russell 2000	Small Blend	5	1.18%	3.40%	-0.07%	15.15%	0.70%	-10.89%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	0.19%	0.31%	0.10%	20.33%	2.98%	-2.27%
GLD	SPDR Gold Shares	Precious Metals	5	-0.18%	-1.80%	3.75%	16.73%	8.72%	-3.50%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	5	0.65%	1.84%	-1.05%	17.94%	1.05%	-5.94%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	3.13%	6.38%	3.64%	8.17%	0.97%	-18.65%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5	0.43%	2.31%	0.03%	17.50%	2.00%	-2.86%
VYM	Vanguard High Div. Yield Index	Large Cap Value	5	0.58%	3.37%	2.16%	14.03%	2.77%	-2.18%
VAW	Vanguard Materials VIPERS	Materials	4	0.04%	3.10%	-0.24%	13.52%	1.45%	-12.95%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	4	-0.57%	2.79%	2.43%	10.19%	3.06%	-1.47%
GSG	iShares GSCI Commodity Index	Commodities.	4	0.98%	3.00%	3.13%	10.34%	-0.38%	-17.36%
FXI	iShares China 25 Index	China Equities	4	3.31%	5.37%	2.64%	5.50%	-1.88%	-23.65%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	4	1.93%	5.86%	0.50%	6.47%	-1.32%	-17.24%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	4	-1.37%	1.11%	2.47%	12.20%	2.53%	-7.95%
BBH	VanEck Vectors Biotech	Health & Biotech	4	5.07%	0.41%	-1.92%	12.40%	0.00%	-8.79%
FXB	CurrencyShares British Pound	Currency	4	4.27%	5.47%	5.69%	0.74%	0.95%	-14.37%
FV	First Trust VL Dividend	Large Cap Value Equiti	4	-0.43%	0.57%	-2.62%	17.98%	-0.12%	-6.17%
FPE	First Trust Preferred Securities and Income	Preferred Stock	4	0.91%	1.32%	1.38%	10.81%	2.99%	-1.58%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	4	2.93%	5.25%	-0.04%	8.01%	0.32%	-15.32%
EZA	iShares South Africa Index	Emerging Markets Equi	4	3.80%	9.08%	0.79%	0.77%	-3.36%	-33.09%
XLB	Materials Select Sector	Materials	4	-0.41%	2.34%	-0.66%	14.07%	2.09%	-10.08%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	3.63%	4.46%	1.06%	7.25%	-0.47%	-14.36%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	-0.33%	1.55%	0.84%	14.91%	2.17%	-2.05%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	4	5.66%	2.05%	-0.60%	9.65%	-0.67%	-68.98%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	0.67%	0.95%	1.27%	12.01%	2.71%	-2.89%
DBC	PowerShares DB Commodity Index	Commodities	4	1.77%	2.99%	2.65%	7.11%	-0.21%	-16.29%
MCHI	iShares MSCI China	China Equities	4	2.06%	3.04%	2.28%	10.13%	-1.81%	-24.47%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	4	1.10%	1.96%	-0.49%	12.43%	0.89%	-13.24%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	4	0.54%	7.05%	4.13%	4.90%	1.18%	-6.13%
IWO	Russell 2000 Growth	Small Growth	4	0.80%	0.40%	-2.88%	16.62%	-0.39%	-11.08%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	4	-3.66%	-8.25%	5.21%	22.96%	9.42%	-8.83%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	-1.81%	-2.71%	-1.26%	21.19%	3.54%	-3.80%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	0.31%	-1.09%	1.94%	12.94%	4.59%	-1.30%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4	2.33%	2.68%	2.18%	10.20%	3.09%	-49.27%
MOO	VanEck Vectors Agribusiness	Commodity Producers	4	0.17%	-0.05%	-0.92%	15.46%	2.44%	-2.67%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	4	0.67%	0.60%	0.94%	11.80%	2.69%	-2.65%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	4	3.74%	-1.15%	-1.77%	16.48%	-0.53%	-9.55%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BLV	Vanguard Long Term Bond	Long-Term Bond	3	-0.98%	-3.72%	2.80%	15.77%	6.33%	-3.96%
INDA	iShares MSCI India	Emerging Markets Equi	3	0.78%	5.76%	4.06%	1.38%	-0.22%	-11.19%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	3	0.59%	0.53%	0.69%	8.70%	2.04%	-3.38%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	3	1.31%	3.05%	2.54%	3.51%	0.58%	-15.37%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	0.35%	-0.66%	1.24%	10.22%	3.43%	-0.83%
SIL	Global X Silver Miners	Commodity Producers	3	-1.52%	-4.82%	3.43%	16.75%	9.18%	-45.49%
EDV	Vanguard Extended Duration Treasury	Government Bonds	3	-3.16%	-7.74%	3.99%	19.76%	8.13%	-8.32%
IXC	S&P Global Energy	Energy Equities	3	0.33%	5.59%	0.46%	4.84%	-3.64%	-21.88%
DJP	Bloomberg Commodity Index	Commodities	3	1.32%	3.28%	3.76%	5.23%	0.62%	-13.05%
IYZ	Down Jones US Telecom	Commun. Equities	3	-0.10%	2.71%	-1.88%	10.74%	-0.67%	-20.14%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	3	2.85%	1.43%	-1.14%	8.72%	0.57%	-14.19%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	0.53%	0.09%	-0.83%	12.97%	0.87%	-3.77%
XLV	Health Care Select SPDR	Health & Biotech Equiti	3	2.49%	1.62%	0.77%	6.30%	1.32%	-4.08%
PIN	PowerShares India Portfolio	Emerging Markets Equi	3	1.40%	5.99%	4.59%	1.74%	0.68%	-53.42%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	3	-0.92%	-2.10%	-1.55%	18.41%	2.62%	-3.54%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3	0.56%	0.75%	1.24%	10.05%	2.42%	-6.48%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	3	-1.57%	-7.94%	-4.49%	24.72%	9.96%	-27.10%
IGV	iShares North American Tech-Software	Technology Equities	3	-1.67%	-2.61%	-4.83%	21.62%	-0.90%	-8.26%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	3	6.94%	2.76%	-2.59%	3.89%	0.58%	-14.97%
HDV	iShares Core High Dividend	Large Cap Value Equiti	3	0.15%	1.58%	0.77%	11.34%	0.85%	-2.05%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	2	-2.19%	-5.35%	2.83%	14.30%	6.07%	-5.70%
VHT	Vanguard Health Care	Health & Biotech Equiti	2	2.15%	0.67%	-0.58%	6.34%	0.29%	-5.58%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2	-0.16%	-0.21%	0.26%	7.58%	1.10%	-0.78%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	-0.17%	-1.42%	-0.99%	10.18%	2.09%	-5.95%
IGE	iShares North American Natural Resources	Commodity Producers	2	-1.06%	2.29%	-1.39%	6.95%	-3.40%	-23.58%
IYH	Dow Jones US Healthcare	Specialty-Health	2	2.26%	1.01%	-0.15%	6.50%	0.71%	-5.62%
BNDX	Vanguard Total International Bond	Total Bond Market	2	-0.76%	-1.28%	0.60%	7.65%	2.77%	-1.38%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	-0.07%	-0.17%	0.60%	7.92%	-4.01%	-66.52%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	-2.23%	-5.46%	2.91%	14.56%	6.23%	-5.82%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	2	0.16%	2.39%	-1.82%	6.76%	-2.25%	-11.74%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	0.09%	-1.01%	-0.24%	9.21%	1.95%	-3.81%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2	0.19%	-0.62%	-0.31%	8.17%	1.98%	-1.62%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	0.17%	0.09%	0.92%	7.67%	1.17%	-1.85%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	2	4.04%	-1.18%	-6.70%	11.71%	-4.92%	-20.76%
IYM	Dow Jones US Basic Mat's	Materials	2	-0.66%	2.63%	-1.79%	8.58%	-0.44%	-15.63%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	1.46%	-0.65%	-2.88%	9.15%	-0.23%	-11.44%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	-1.34%	-3.67%	1.39%	10.12%	4.22%	-3.87%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2	3.89%	5.29%	-1.42%	2.16%	-3.69%	-25.12%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	0.01%	-1.14%	0.97%	8.00%	2.95%	-1.30%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	-0.04%	-0.95%	0.45%	3.69%	1.08%	-2.25%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	-0.36%	-1.90%	0.81%	7.31%	3.07%	-2.13%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.12%	-0.37%	0.36%	2.86%	1.07%	-0.42%
XME	SPDR S&P Metals & Mining	Commodity Producers	1	2.60%	4.22%	-2.76%	0.99%	-4.95%	-32.47%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	0.04%	-0.66%	0.57%	4.55%	1.72%	-0.72%

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HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	-0.36%	-0.48%	-0.06%	4.68%	-0.06%	-2.32%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	-0.17%	-1.14%	0.89%	6.22%	2.42%	-1.20%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	-0.23%	-1.69%	0.62%	6.02%	1.72%	-1.69%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	1	-0.02%	-0.93%	-2.20%	7.03%	-1.76%	-12.88%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-1.29%	-0.26%	0.19%	4.91%	1.74%	-1.48%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	1	0.31%	5.77%	-0.89%	-0.27%	-5.79%	-34.34%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.22%	-1.22%	0.03%	4.37%	1.29%	-1.34%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-0.07%	-0.98%	0.34%	4.18%	1.67%	-1.20%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	-0.19%	-1.10%	0.78%	5.91%	2.30%	-1.18%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.14%	-1.16%	0.42%	4.73%	1.95%	-1.42%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	-0.09%	-0.24%	0.15%	4.22%	0.00%	-3.33%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	1	-0.12%	-1.72%	0.59%	6.52%	1.96%	-1.72%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-1.27%	-3.36%	0.09%	7.38%	2.51%	-3.63%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.20%	-0.11%	0.57%	4.09%	1.32%	-0.21%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	0.03%	-1.34%	0.70%	4.31%	1.74%	-2.74%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-0.13%	-1.19%	0.44%	4.63%	1.92%	-1.41%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	-0.38%	-1.62%	0.93%	6.13%	2.34%	-1.76%
PZA	Pshares Insured National Munis	National Munis	1	-0.49%	-1.60%	0.15%	5.60%	1.51%	-1.71%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	-0.11%	-1.14%	0.85%	6.05%	2.31%	-1.23%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.26%	-1.15%	0.48%	5.36%	1.70%	-1.20%
FLT	Fidelity Limited Term Bond	Corporate Bonds	1	0.31%	0.00%	0.53%	3.42%	1.29%	-0.25%
EWK	iShares Hong Kong Index	China Equities	1	2.95%	0.73%	-3.22%	3.77%	-6.19%	-13.71%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	1	0.57%	-1.64%	-4.05%	7.80%	-2.14%	-22.02%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	-0.30%	-0.44%	-0.19%	3.50%	-0.43%	-4.26%
XLE	Energy Select Sector	Energy Equities	0	-1.01%	2.71%	-3.66%	2.95%	-5.50%	-25.18%
BSJ	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.57%	-0.49%	-1.36%	3.26%	-0.92%	-3.97%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
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%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	0	0.64%	5.60%	0.57%	-6.49%	-2.34%	-31.01%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.10%	-0.29%	0.21%	1.38%	0.58%	-0.80%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	0	2.92%	3.28%	0.85%	-6.66%	-4.35%	-21.50%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.00%	0.00%	0.17%	0.53%	0.17%	-0.03%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.06%	-0.30%	0.20%	1.36%	0.56%	-0.73%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	0.27%	-0.91%	-0.47%	2.63%	0.39%	-1.09%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.02%	0.10%	0.30%	1.23%	0.24%	-0.16%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.09%	-0.28%	0.18%	1.42%	0.56%	-0.62%
FXE	CurrencyShares Euro Currency Trust	Currency	0	1.60%	0.28%	-0.12%	-3.73%	-1.24%	-12.51%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	0.74%	1.15%	-2.22%	0.20%	-3.90%	-16.81%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	0	-3.78%	4.09%	-2.76%	1.63%	0.20%	-47.01%
IYE	Dow Jones US Energy	Specialty-Natural Res.	0	-1.22%	2.63%	-3.74%	1.48%	-6.43%	-27.19%
FXJ	CurrencyShares Japanese Yen Trust	Currency	-1	-0.73%	-2.08%	-1.36%	0.45%	0.06%	-9.50%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-1	2.89%	-1.25%	-7.00%	3.12%	-6.66%	-19.52%
VDE	Vanguard Energy VIPERS	Energy Equities	-1	-1.50%	2.24%	-4.22%	0.45%	-7.26%	-28.88%
ECH	iShares Chile Index	Latin America	-2	-0.80%	6.08%	-2.63%	-10.70%	-9.67%	-34.16%
EWM	iShares Malaysia Index	Emerging Markets Equi	-3	-0.39%	0.11%	-3.04%	-6.68%	-4.94%	-23.83%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-3	2.28%	5.07%	-3.51%	-13.93%	-7.24%	-21.19%
DOG	ProShares Short Dow 30	Bear Market	-4	0.36%	-1.94%	-1.57%	-14.09%	-2.97%	-41.08%
RWM	ProShares Short Russell2000	Inverse Equities	-5	-1.04%	-3.88%	-0.80%	-14.56%	-1.83%	-36.78%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-5	4.35%	10.22%	-7.40%	-26.93%	-14.85%	-39.83%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-1.07%	-3.18%	-2.60%	-17.52%	-4.90%	-37.96%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-7	-2.60%	-6.08%	-4.18%	-13.72%	-4.50%	-28.64%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-2.74%	1.27%	-7.97%	-16.68%	-15.81%	-47.25%
UNG	U.S. Natural Gas Fund	Oil & Gas	-7	-6.92%	-1.66%	3.45%	-21.08%	-10.23%	-77.92%
PSQ	ProShares Short QQQ	Inverse Equities	-8	-2.35%	-3.61%	-2.81%	-21.54%	-6.41%	-51.47%
OIH	Oil Services HOLDRs	Energy Equities	-8	-2.92%	1.04%	-14.10%	-17.03%	-20.59%	-66.83%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-9	-5.48%	-2.64%	-8.86%	-19.37%	-19.83%	-52.01%
HDGE	Ranger Equity Bear	Inverse Equities	-10	-3.19%	-8.86%	-3.77%	-24.32%	-5.52%	-43.19%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-13	-6.06%	-4.13%	-18.76%	-22.64%	-26.88%	-70.62%