

# HV ETF Master List as of 11/21/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	20	5.33%	8.72%	15.36%	50.26%	15.34%	-2.40%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	18	4.93%	7.15%	12.83%	46.53%	13.13%	-2.94%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	17	12.72%	20.54%	15.83%	17.10%	13.30%	-4.16%
XLK	Technology Select	Technology Equities	16	5.82%	7.34%	8.99%	39.88%	10.90%	-1.11%
VGT	Vanguard Info Technology	Technolgy Equities	15	6.01%	7.33%	8.66%	39.19%	10.12%	-1.07%
BBH	VanEck Vectors Biotech	Health & Biotech	15	9.96%	15.54%	10.42%	23.60%	9.71%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	15	-1.82%	4.12%	9.85%	48.83%	13.41%	-3.33%
IYW	Dow Jones US Technology	Technology Equities	15	6.12%	7.54%	9.81%	38.07%	10.50%	-0.96%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	14	4.72%	8.90%	16.75%	27.10%	9.92%	-7.00%
IGV	iShares North American Tech-Software	Technology Equities	13	7.88%	6.08%	5.07%	31.21%	5.80%	-1.03%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	13	8.10%	14.21%	10.31%	18.53%	7.43%	-66.47%
RSX	Market Vectors Russia	Emerging Markets Equi	13	3.35%	5.97%	11.63%	31.57%	10.04%	-2.06%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	13	4.45%	6.94%	10.54%	30.12%	9.17%	-0.50%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	13	9.33%	13.75%	8.04%	22.13%	4.02%	-13.37%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	13	2.95%	9.20%	14.84%	25.81%	12.36%	-1.53%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	12	-1.44%	3.30%	7.72%	38.65%	8.55%	-3.55%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	12	3.92%	6.51%	7.33%	30.75%	7.97%	-0.82%
PKW	PowerShares Buyback Achievers	All Cap Equities	12	3.87%	6.47%	9.52%	27.47%	7.08%	-1.38%
IVE	S&P 500/BARRA Value	Large Value	11	3.43%	5.79%	9.07%	24.26%	7.77%	-0.88%
VIS	Vanguard Industrials	industrials Equities	11	3.66%	4.24%	7.69%	26.83%	6.02%	-1.39%
VFH	Vanguard Financials	Financials Equities	11	3.89%	5.42%	10.02%	24.26%	7.39%	-1.82%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	11	4.77%	1.30%	4.29%	33.47%	8.08%	-1.28%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	11	9.98%	13.16%	8.61%	13.41%	3.46%	-11.49%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	11	8.59%	10.18%	7.89%	18.53%	7.88%	-3.83%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	11	4.25%	5.77%	6.15%	29.45%	7.75%	-0.59%
IWF	Russell 1000 Growth	Large Growth	11	3.98%	5.34%	5.20%	28.80%	7.09%	-0.67%
IWP	Russell MidCap Growth	Mid-Cap Growth	11	3.77%	4.51%	3.38%	30.50%	5.36%	-0.75%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11	3.57%	4.35%	5.01%	29.92%	7.21%	-0.74%
KBE	SPDR S&P Bank	Specialty-Financial	11	3.42%	5.71%	11.98%	22.36%	5.30%	-11.88%
IYJ	Dow Jones US Industrial	Industrial Equities	11	3.68%	4.07%	6.22%	28.81%	5.93%	-1.04%
XLF	Financial Select Sector	Financial Equities	11	4.21%	6.22%	10.70%	24.69%	8.23%	-1.56%
VUG	Vanguard Growth	Large Cap Growth	11	3.38%	4.42%	4.69%	29.89%	6.89%	-0.74%
XLI	Industrial Select Sector	Industrial Equities	11	4.02%	4.39%	7.69%	26.15%	5.96%	-1.29%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	10	1.91%	4.46%	8.45%	23.67%	6.18%	-0.65%
IYH	Dow Jones US Healthcare	Specialty-Health	10	6.94%	9.35%	8.02%	13.89%	7.22%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	10	3.50%	4.92%	7.90%	21.81%	6.33%	-0.79%
VBK	Vanguard SmallCap Growth	Small Cap Growth	10	4.12%	4.30%	3.12%	27.00%	4.12%	-0.57%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	10	2.05%	7.06%	11.02%	21.35%	7.06%	-4.98%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	10	2.52%	4.90%	13.44%	17.48%	7.78%	-6.28%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	10	3.40%	4.61%	6.15%	24.34%	6.24%	-0.48%
IYF	Dow Jones US Financial Sector	Specialty-Financial	10	2.31%	3.59%	6.62%	25.53%	6.53%	-0.77%

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IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equ	10	2.74%	4.27%	6.73%	25.45%	6.06%	-0.88%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	10	3.36%	5.18%	6.44%	26.38%	6.48%	-0.59%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	10	5.18%	3.28%	2.33%	27.47%	7.36%	-0.65%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	10	3.04%	4.36%	5.59%	25.67%	5.91%	-0.60%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	10	5.73%	8.20%	8.57%	16.52%	8.14%	-46.36%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	10	-6.43%	-4.12%	-0.02%	50.83%	5.57%	-39.03%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	10	2.25%	5.54%	15.57%	15.84%	7.63%	-14.19%
VHT	Vanguard Health Care	Health & Biotech Equiti	10	7.06%	9.35%	7.77%	13.85%	6.95%	0.00%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	4.29%	5.69%	10.67%	19.47%	6.70%	-3.01%
EWI	iShares Italy Index	Europe Stock	10	2.81%	6.29%	8.18%	20.74%	6.01%	-15.13%
VV	Vanguard LargeCap	Large Cap Blend	10	3.39%	4.52%	6.08%	24.16%	6.26%	-0.50%
VOX	Vanguard Telecom Serv's	Communication Equitie	9	3.69%	4.60%	4.68%	23.21%	4.74%	-12.36%
IWB	Russell 1000 Index	Large Blend	9	3.35%	4.53%	5.97%	24.07%	6.04%	-0.55%
EWJ	iShares Japan Index	Japan Stock	9	2.43%	3.89%	10.75%	17.44%	7.69%	-7.95%
SPYG	S&P 500 Growth	Large Cap Growth	9	3.17%	3.36%	3.57%	24.06%	4.92%	-0.52%
SPY	SPDR S&P 500	Large Cap Blend	9	3.30%	4.47%	6.06%	24.15%	6.26%	-0.56%
RPV	Guggenheim S&P 500 Pure Value	Large Value	9	2.77%	4.09%	10.08%	18.70%	4.87%	-5.08%
RSP	Guggenheim S&P Equal Weight	Large Blend	9	2.42%	3.45%	6.23%	22.18%	4.60%	-0.79%
IWV	Russell 3000 Index	All Cap Equities	9	3.27%	4.43%	5.97%	23.62%	5.78%	-0.53%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	9	3.14%	4.43%	6.81%	22.85%	6.88%	-0.61%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	9	2.43%	3.12%	4.96%	24.29%	4.34%	-74.22%
SCHB	Schwab U.S. Broad Market	All Cap Equities	9	3.28%	4.42%	5.92%	23.83%	5.80%	-0.56%
VTV	Vanguard Value	Large Cap Value	9	3.38%	4.68%	7.67%	18.98%	5.69%	-0.40%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	9	3.36%	4.37%	5.96%	23.63%	5.79%	-0.51%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	9	3.29%	3.96%	5.19%	21.82%	3.65%	-2.85%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	9	8.21%	4.12%	12.63%	9.97%	9.56%	-42.66%
IVV	S&P 500	Large Blend	9	3.30%	4.51%	6.05%	24.03%	6.19%	-0.54%
VTI	Total Stock Market VIPERS	All Cap Equities	9	3.24%	4.36%	5.84%	23.63%	5.75%	-0.57%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	9	3.13%	4.27%	5.82%	24.34%	6.42%	-0.57%
EWQ	iShares France Index	Europe Stock	9	2.79%	5.74%	7.79%	19.42%	5.19%	-6.11%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	1.66%	5.64%	8.24%	19.30%	5.54%	-10.22%
KRE	SPDR S&P Region.Banking	Specialty-Financial	9	3.14%	5.07%	11.06%	18.68%	4.16%	-15.53%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	9	5.72%	9.83%	11.31%	8.00%	2.31%	-20.84%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	9	1.15%	2.89%	3.19%	28.23%	1.16%	-19.31%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	9	2.51%	3.62%	6.31%	21.90%	6.40%	-0.77%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	9	1.54%	3.93%	7.24%	22.80%	5.22%	-1.51%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	9	3.00%	4.18%	7.42%	20.72%	5.53%	-0.84%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	3.20%	3.40%	3.53%	24.19%	4.92%	-0.55%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	9	2.42%	3.35%	3.06%	28.41%	4.42%	-0.67%
XLV	Health Care Select SPDR	Health & Biotech Equiti	9	6.47%	9.12%	8.20%	13.18%	7.36%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	9	3.31%	4.48%	6.07%	24.02%	6.23%	-0.55%
USO	U.S. Oil Fund	Oil & Gas.	9	4.01%	3.39%	3.57%	26.29%	2.02%	-24.13%
VO	Vanguard Mid-Cap	Mid-Cap Blend	9	2.09%	2.77%	4.78%	24.92%	4.43%	-0.66%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	9	2.51%	4.91%	13.34%	16.06%	7.18%	-9.40%

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DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	8	1.58%	3.25%	7.61%	19.57%	5.05%	-1.07%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	8	2.36%	2.21%	0.00%	28.95%	4.80%	-1.14%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	8	2.60%	3.30%	5.11%	21.97%	3.60%	-0.92%
IWD	Russell 1000 Value	Large Value	8	2.75%	3.69%	6.88%	19.64%	5.06%	-0.56%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	8	2.16%	3.83%	5.85%	21.25%	5.22%	-2.32%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	8	1.65%	7.33%	10.13%	11.90%	2.92%	-20.96%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	8	2.47%	5.19%	8.70%	15.53%	4.07%	-14.04%
SCHD	Schwab US Dividend Equity	All Cap Equities	8	2.54%	3.77%	6.31%	20.25%	5.63%	-0.93%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	1.06%	2.56%	6.06%	20.90%	4.53%	-1.07%
IWO	Russell 2000 Growth	Small Growth	8	3.85%	4.69%	4.27%	21.11%	2.83%	-7.65%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	8	3.63%	3.29%	5.24%	19.09%	4.94%	-0.91%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	8	3.26%	3.34%	2.83%	23.09%	4.05%	-0.41%
ACWI	iShares MSCI ACWI	Global Equities	8	2.41%	4.34%	6.97%	20.03%	5.04%	-0.68%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	8	1.68%	2.90%	7.60%	18.66%	3.32%	-3.71%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	8	1.62%	2.08%	6.52%	21.11%	4.29%	-2.05%
VB	Vanguard SmallCap	Small Cap Blend	8	2.63%	3.37%	4.87%	21.02%	3.07%	-3.67%
EWL	iShares Switzerland Index	Europe Stock	8	1.98%	2.50%	3.96%	22.49%	4.95%	-0.64%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	2.54%	2.57%	6.17%	21.07%	4.00%	-0.76%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	2.04%	5.61%	9.45%	16.67%	5.01%	-12.62%
EWN	iShares Netherlands Index	Europe Stock	8	1.13%	3.19%	6.48%	23.04%	4.82%	-4.94%
IVW	S&P 500/BARRA Growth	Large Growth	8	3.18%	3.33%	3.52%	23.87%	4.88%	-0.52%
EWG	iShares Germany Index	Europe Stock	8	1.48%	8.00%	10.27%	13.93%	4.91%	-18.99%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	8	1.41%	3.14%	7.61%	19.49%	4.94%	-1.15%
VT	Vanguard Total World Stock Index	Global Equities	8	2.54%	4.25%	6.48%	19.48%	4.83%	-1.91%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8	3.18%	3.62%	5.56%	21.24%	4.35%	-0.49%
EWD	iShares Sweden Index	Europe Stock	8	-0.32%	6.87%	12.37%	11.26%	3.49%	-14.11%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8	3.13%	3.36%	3.48%	23.72%	4.78%	-0.58%
EZU	European Monetary Union Index	Europe Stock	8	1.22%	5.22%	7.72%	16.14%	4.00%	-13.56%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	8	2.56%	4.05%	8.15%	17.88%	5.16%	-1.32%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	8	2.30%	3.68%	8.97%	15.82%	4.42%	-7.96%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	8	1.73%	2.88%	8.16%	20.44%	3.99%	-3.14%
EWC	iShares Canada Index	Foreign Large Cap Equ	8	2.50%	1.97%	4.94%	23.25%	4.17%	-2.93%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	8	2.52%	3.36%	6.34%	18.69%	4.58%	-0.65%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	1.77%	2.53%	5.47%	19.35%	3.03%	-3.29%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	7	1.04%	2.21%	7.03%	17.01%	2.87%	-63.53%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	7	2.86%	1.91%	0.69%	21.79%	4.31%	-0.93%
KIE	SPDR S&P Insurance	Specialty-Financial	7	1.16%	-1.16%	3.80%	23.09%	4.05%	-62.78%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	7	1.21%	4.32%	4.90%	18.02%	2.31%	-3.83%
FV	First Trust VL Dividend	Large Cap Value Equiti	7	2.08%	1.64%	2.67%	20.44%	1.43%	-4.22%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	7	0.62%	5.46%	9.69%	12.37%	4.23%	-10.09%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	7	1.37%	4.17%	7.97%	15.82%	4.18%	-10.08%
IEV	S&P Europe 350 Index	Europe Stock	7	1.01%	4.40%	7.21%	15.16%	3.33%	-11.16%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	1.35%	3.76%	7.36%	14.39%	3.39%	-11.52%
EWK	iShares Belgium Index	Europe Stock	7	0.31%	3.24%	5.93%	19.09%	4.44%	-15.39%

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IJH	S&P MidCap 400	Mid-Cap Blend	7	1.80%	2.55%	5.46%	19.31%	3.01%	-3.35%
IWS	Russell MidCap Value	Mid-Cap Value	7	1.46%	2.10%	5.90%	19.91%	3.56%	-1.38%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	7	1.88%	2.19%	3.52%	19.96%	2.76%	-3.56%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	7	1.25%	3.99%	7.67%	15.33%	3.87%	-9.91%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	1.01%	2.07%	7.95%	16.89%	3.42%	-11.04%
IWM	Russell 2000	Small Blend	7	2.30%	3.51%	5.78%	17.80%	2.53%	-8.84%
IYC	iShares US Consumer Services	Consumer Discretionar	7	1.25%	2.43%	1.19%	22.67%	3.33%	-2.18%
VYM	Vanguard High Div. Yield Index	Large Cap Value	7	2.27%	2.86%	5.72%	16.62%	4.17%	-0.63%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	7	1.53%	1.04%	2.73%	21.26%	4.68%	-0.56%
VAW	Vanguard Materials VIPERS	Materials	7	2.70%	2.74%	5.88%	16.58%	3.30%	-10.60%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	7	1.52%	3.44%	8.86%	13.48%	4.51%	-11.62%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	2.18%	3.15%	4.33%	19.08%	2.15%	-7.62%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	7	1.56%	1.18%	2.07%	23.45%	5.06%	-0.75%
SCHF	Schwab International Equity	Foreign Large Cap Equ	7	1.22%	3.79%	7.75%	16.75%	4.39%	-8.94%
VBR	Vanguard SmallCap Value	Small Cap Value	7	1.45%	2.48%	6.54%	15.97%	2.12%	-7.46%
SDY	SPDR Dividend ETF	Large Value	7	0.99%	2.82%	6.05%	17.40%	4.23%	-1.05%
VXUS	Vanguard Total International Stock	Global Equities	7	1.24%	3.94%	6.96%	13.96%	3.25%	-12.03%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	1.45%	4.04%	7.22%	15.28%	3.75%	-10.67%
VEU	Vanguard FTSE All-World ex-US	Global Equities	7	1.38%	3.91%	7.04%	14.15%	3.31%	-11.65%
VGK	Vanguard European	Europe Equities	7	1.21%	4.85%	6.99%	15.20%	3.39%	-11.78%
XLB	Materials Select Sector	Materials	7	2.78%	2.35%	5.19%	17.24%	3.79%	-7.58%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	1.11%	4.13%	7.50%	9.75%	1.85%	-17.68%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	0.55%	-0.03%	0.42%	22.37%	4.13%	-0.88%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	6	0.20%	3.95%	9.54%	8.89%	2.39%	-17.34%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	6	1.62%	4.47%	7.27%	9.90%	1.74%	-16.38%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	6	1.34%	4.14%	7.23%	12.20%	2.50%	-15.06%
IWN	Russell 2000 Value	Small Value	6	0.87%	2.36%	7.43%	14.30%	2.22%	-10.34%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	6	1.48%	4.30%	7.01%	12.84%	2.81%	-15.97%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	1.03%	1.83%	5.96%	16.06%	3.58%	-0.93%
IJR	S&P Sm.Cap 600	Small Blend	6	0.94%	2.03%	5.44%	15.19%	2.43%	-11.58%
ACWX	iShares MSCI ACWI ex US	Global Equities	6	1.12%	3.62%	7.19%	13.99%	3.24%	-11.00%
XLP	Consumer Staples Select	Consumer Staples	6	-0.08%	0.34%	0.99%	20.91%	4.85%	-0.41%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	0.63%	3.96%	7.62%	9.89%	2.20%	-15.27%
MCHI	iShares MSCI China	China Equities	6	2.40%	4.51%	5.51%	12.77%	0.37%	-22.65%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	6	-0.01%	1.21%	3.24%	19.62%	3.94%	-2.54%
IYM	Dow Jones US Basic Mat's	Materials	6	3.73%	3.04%	6.46%	12.63%	2.63%	-12.48%
DVY	iShares Select Dividend Index	Large Cap Value	6	0.42%	1.22%	5.43%	15.28%	3.27%	-1.15%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	6	2.25%	2.80%	2.35%	15.52%	2.57%	-1.60%
IYT	Dow Jones Transportation	Transportation Equities	6	0.16%	2.68%	5.44%	16.37%	2.01%	-7.90%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	6	1.84%	4.83%	7.19%	10.00%	1.74%	-13.76%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	5	-1.02%	0.67%	0.55%	19.77%	1.41%	-3.46%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	-0.02%	2.15%	3.89%	12.29%	-0.32%	-9.16%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	5	1.23%	4.91%	5.75%	8.57%	0.69%	-13.31%
EWU	iShares United Kingdom Index	Europe Stock	5	-0.34%	3.22%	7.42%	10.43%	0.72%	-14.44%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	5	0.18%	0.23%	1.03%	19.29%	4.14%	-0.49%
EZA	iShares South Africa Index	Emerging Markets Equi	5	1.93%	5.80%	11.18%	2.72%	-0.73%	-31.80%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	5	2.39%	0.98%	3.52%	14.88%	4.23%	-5.75%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	1.65%	1.80%	3.25%	13.18%	1.77%	-1.07%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	5	-1.41%	-0.50%	-0.67%	20.68%	1.16%	-4.01%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	-0.97%	-1.57%	0.72%	22.29%	3.55%	-1.57%
EWA	iShares Australia Index	Asia Pacific Equities	5	-0.97%	0.58%	4.52%	16.42%	1.76%	-7.05%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	5	1.37%	4.08%	5.38%	11.05%	1.37%	-17.01%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	5	1.28%	3.23%	7.21%	7.83%	-0.06%	-16.19%
GSG	iShares GSCI Commodity Index	Commodities.	5	0.97%	1.96%	3.99%	11.41%	0.43%	-16.56%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	0.85%	1.96%	2.83%	13.39%	1.38%	-12.50%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	5	-0.92%	2.40%	3.89%	14.67%	2.30%	-7.74%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	1.02%	4.19%	7.47%	9.27%	1.79%	-17.82%
MOO	VanEck Vectors Agribusiness	Commodity Producers	5	0.64%	0.81%	0.59%	16.20%	2.20%	-2.39%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	0.14%	0.24%	1.74%	17.27%	3.70%	-0.55%
RING	iShares MSCI Global Gold Miners Fund	Commodity Producers	5	-2.28%	-4.04%	-8.35%	34.59%	9.54%	-17.93%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	5	4.58%	5.35%	5.79%	4.79%	0.71%	-13.00%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	5	-0.06%	0.27%	2.17%	18.99%	2.88%	-1.10%
RWX	SPDR DJ Wil Intern. RE	Real Estate	5	-1.03%	2.49%	4.28%	14.32%	3.19%	-6.29%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	5	5.40%	8.47%	8.86%	-1.62%	1.83%	-17.26%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	5	0.40%	2.57%	4.47%	14.36%	3.01%	-6.83%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	-0.04%	1.21%	6.96%	12.76%	1.52%	-67.62%
IYZ	Down Jones US Telecom	Commun. Equities	4	0.75%	0.65%	3.48%	11.57%	-0.38%	-19.54%
IXC	S&P Global Energy	Energy Equities	4	1.66%	1.99%	7.34%	6.58%	-1.62%	-20.59%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	4	1.10%	-2.60%	-7.24%	24.31%	8.53%	-7.83%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	4	1.95%	2.11%	4.39%	8.85%	-0.37%	-10.02%
XRT	SPDR S&P Retail	Consumer Discretionar	4	-1.53%	2.98%	7.72%	5.51%	0.71%	-17.62%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	0.27%	0.95%	1.22%	12.31%	2.32%	-2.62%
IYR	Dow Jones US Real Estate	Real Estate	4	-3.23%	-1.89%	-0.38%	22.75%	2.73%	-3.53%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	4	-0.07%	-0.34%	-2.40%	18.08%	5.05%	-2.79%
FXI	iShares China 25 Index	China Equities	4	0.39%	3.71%	5.78%	5.91%	-1.35%	-23.35%
EWV	iShares Mexico Index	Latin America Stock	4	-1.47%	3.01%	8.67%	7.19%	1.34%	-23.39%
DBC	PowerShares DB Commodity Index	Commodities	4	0.64%	2.43%	3.65%	7.80%	0.46%	-15.75%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	4	-0.17%	4.32%	11.75%	0.15%	1.05%	-25.42%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	4	2.16%	2.75%	0.49%	10.13%	-0.07%	-20.33%
EWZ	iShares Brazil Index	Latin America Stock	4	-3.08%	1.21%	6.16%	11.96%	0.83%	-9.63%
VNQ	Vanguard REIT Index	Real Estate	4	-3.21%	-1.84%	-0.28%	23.23%	2.76%	-3.53%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	4	-0.72%	2.23%	2.47%	12.06%	1.28%	-4.48%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	-0.12%	0.59%	5.67%	11.78%	1.43%	-1.84%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	4	1.27%	1.82%	8.41%	6.23%	1.58%	-4.94%
IGE	iShares North American Natural Resources	Commodity Producers	4	1.44%	0.37%	3.76%	8.50%	-1.62%	-22.48%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	4	-2.78%	-0.19%	1.93%	16.99%	2.23%	-3.02%
FXB	CurrencyShares British Pound	Currency	3	0.48%	4.77%	5.98%	1.22%	1.58%	-13.96%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	3	-0.24%	0.07%	-1.32%	12.68%	3.40%	-1.53%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XLE	Energy Select Sector	Energy Equities	3	1.68%	0.65%	4.44%	4.67%	-3.23%	-23.93%
PIN	PowerShares India Portfolio	Emerging Markets Equi	3	0.53%	1.94%	6.55%	2.28%	0.60%	-53.17%
EDV	Vanguard Extended Duration Treasury	Government Bonds	3	0.88%	-2.30%	-6.93%	20.82%	7.26%	-7.51%
XLU	Utilities Select Sector	Utilities Equities	3	-2.84%	-3.00%	0.67%	19.01%	4.05%	-3.00%
BLV	Vanguard Long Term Bond	Long-Term Bond	3	0.10%	-0.88%	-3.62%	15.88%	5.09%	-3.87%
JXI	iShares S&P Global Utilities	Utilities Equities	3	-2.55%	-2.12%	1.74%	16.52%	3.43%	-2.55%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	-0.15%	0.76%	1.17%	10.64%	2.16%	-1.73%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	3	1.36%	1.68%	7.21%	1.08%	-3.56%	-33.45%
GDV	Mkt Vector Gold Miners	Specialty-Precious Met	3	-2.54%	-4.59%	-9.58%	27.17%	7.16%	-14.37%
ICF	Cohen & Steers Realty	Real Estate	3	-4.51%	-3.32%	-2.23%	21.59%	1.40%	-4.69%
VPU	Vanguard Utilities VIPERS	Utilities Equities	3	-3.09%	-3.28%	0.24%	18.25%	3.47%	-3.60%
SIL	Global X Silver Miners	Commodity Producers	3	0.58%	-0.94%	-4.27%	17.43%	8.41%	-45.18%
SCHH	Schwab U.S. REIT	Real Estate	3	-4.01%	-2.14%	0.15%	19.97%	1.76%	-4.01%
RWR	Wilshire REIT Fund	Real Estate	3	-4.00%	-2.14%	0.03%	19.19%	1.49%	-4.00%
XME	SPDR S&P Metals & Mining	Commodity Producers	3	1.21%	3.84%	5.48%	2.21%	-2.75%	-31.66%
INDA	iShares MSCI India	Emerging Markets Equi	3	1.42%	2.21%	7.26%	2.82%	0.59%	-9.93%
IDU	Dow Jones US Utilities	Utilities Equities	3	-3.09%	-3.33%	0.24%	17.63%	3.29%	-3.33%
PPLT	ETFs Physical Platinum Shares	Precious Metals	3	-0.83%	-1.98%	-0.16%	14.67%	5.28%	-23.85%
IYE	Dow Jones US Energy	Specialty-Natural Res.	2	1.42%	0.19%	4.09%	2.92%	-4.25%	-26.16%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	2	-0.43%	0.87%	2.61%	3.07%	0.21%	-15.73%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	-1.17%	-0.61%	-0.43%	8.76%	0.80%	-7.57%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	2	-2.48%	1.16%	-3.60%	13.58%	-3.34%	-11.80%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	-1.53%	-0.87%	-0.94%	10.10%	0.61%	-4.14%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	2	0.35%	-1.84%	-5.02%	14.70%	5.12%	-5.37%
EWH	iShares Hong Kong Index	China Equities	2	0.56%	3.52%	1.29%	4.34%	-5.39%	-13.23%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	2	-0.81%	2.02%	0.61%	7.84%	-0.44%	-14.88%
EWP	iShares Spain Index	Europe Stock	2	-2.46%	1.85%	5.16%	4.88%	-1.20%	-22.38%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	2	-0.11%	0.24%	-0.77%	10.10%	2.56%	-0.93%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	-3.46%	0.75%	6.33%	4.02%	-2.31%	-18.84%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	2	-6.17%	-4.24%	-3.66%	22.31%	2.24%	-6.57%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	0.37%	-1.87%	-5.11%	14.99%	5.27%	-5.47%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	-1.00%	-0.82%	-1.61%	7.08%	0.50%	-2.61%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.22%	0.49%	-0.69%	2.86%	0.39%	-0.86%
DJP	Bloomberg Commodity Index	Commodities	1	-1.07%	0.23%	2.17%	4.10%	-0.44%	-13.98%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	-1.33%	-1.24%	-2.33%	7.76%	0.14%	-5.09%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-0.14%	-0.27%	-1.34%	4.48%	1.34%	-1.55%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-0.08%	-0.15%	-1.06%	4.10%	1.20%	-1.28%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	0.09%	-0.17%	-1.06%	5.46%	1.36%	-1.11%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.53%	-1.29%	-1.81%	7.08%	1.62%	-1.91%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	0.01%	-0.15%	-1.13%	6.24%	1.90%	-1.19%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1	-0.25%	-0.24%	-1.39%	7.73%	2.04%	-1.55%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	0.41%	-0.87%	-2.97%	7.81%	2.20%	-3.23%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.12%	-0.26%	-1.28%	4.60%	1.38%	-1.54%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	-0.02%	-0.13%	-1.16%	6.03%	1.78%	-1.25%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	1	-0.01%	-1.35%	-3.68%	10.11%	3.27%	-3.88%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	1	0.04%	-0.09%	-1.68%	6.55%	1.48%	-1.68%
PZA	Pshares Insured National Munis	National Munis	1	0.11%	-0.38%	-1.49%	5.72%	1.11%	-1.60%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	-1.09%	-1.16%	-1.25%	6.75%	-5.28%	-66.88%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	-0.37%	-0.53%	-0.58%	7.19%	0.39%	-1.15%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	-1.17%	-0.59%	-0.64%	7.43%	0.46%	-4.51%
MUB	iShares S&P National Muni Bond	National Munis	1	0.09%	-0.13%	-1.14%	4.46%	0.98%	-1.26%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	1	-1.41%	-1.58%	-2.81%	8.63%	0.03%	-7.27%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	0.03%	-0.17%	-1.07%	5.93%	1.82%	-1.16%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.10%	-0.06%	-0.76%	4.44%	1.23%	-0.82%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	-0.04%	0.27%	-0.04%	3.38%	0.98%	-0.29%
VDE	Vanguard Energy VIPERS	Energy Equities	1	0.97%	-0.55%	3.23%	1.43%	-5.42%	-28.20%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.15%	0.05%	-0.26%	3.94%	0.88%	-0.36%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	1.26%	1.91%	6.93%	-5.31%	-0.56%	-30.14%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	1	-2.39%	-3.92%	-10.14%	21.74%	5.57%	-28.84%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	0.31%	0.08%	-1.39%	6.35%	1.54%	-1.39%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	-0.04%	-0.42%	-1.65%	6.09%	1.79%	-1.80%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	-0.10%	-0.45%	-1.99%	7.21%	2.28%	-2.22%
UUP	PowerShares DB US Dollar Bullish	Currency	1	0.49%	-0.81%	0.22%	5.42%	1.77%	-1.00%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	-1.10%	-0.93%	-1.01%	6.49%	-0.20%	-2.93%
BSV	Vanguard Short Term Bond	Total Bond Market	1	-0.14%	-0.01%	-0.51%	2.72%	0.69%	-0.55%
IAU	iShares Gold Trust	Precious Metals	1	-2.57%	-2.71%	-4.24%	13.91%	4.72%	-5.91%
GLD	SPDR Gold Shares	Precious Metals	1	-2.49%	-2.67%	-4.25%	13.81%	4.70%	-5.90%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.36%	-0.93%	-0.84%	2.89%	-1.27%	-4.31%
CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	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%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.33%	-0.37%	-1.27%	3.36%	0.48%	-2.57%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.06%	0.00%	-0.35%	1.30%	0.37%	-0.78%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.07%	0.02%	-0.35%	1.35%	0.36%	-0.69%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	0	-1.26%	-1.29%	-2.18%	5.68%	-2.84%	-13.98%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	0	-2.58%	-3.13%	0.14%	7.36%	-0.15%	-4.01%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	-0.03%	-0.03%	0.50%	0.11%	-0.07%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.10%	0.00%	-0.39%	1.28%	0.35%	-0.90%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.04%	-0.02%	0.06%	1.19%	0.15%	-0.20%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.99%	-1.08%	-1.22%	3.19%	-1.02%	-4.29%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-1.25%	-1.60%	-1.72%	3.37%	-1.36%	-3.53%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	-0.90%	-0.87%	-2.23%	3.37%	0.52%	-3.61%
SLV	iShares Silver Trust	Precious Metals	-1	-3.96%	-4.08%	-6.33%	10.12%	5.97%	-18.42%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	-0.46%	1.14%	-0.18%	-4.17%	-1.36%	-12.91%
EWM	iShares Malaysia Index	Emerging Markets Equi	-1	0.76%	0.36%	0.86%	-5.98%	-3.47%	-23.25%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-1	-1.19%	-1.48%	-1.63%	2.27%	-1.57%	-5.40%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
FXY	CurrencyShares Japanese Yen Trust	Currency	-1	-0.02%	-0.75%	-2.10%	0.42%	-0.02%	-9.53%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	-0.57%	1.70%	4.47%	-14.43%	-6.38%	-21.64%
UNG	U.S. Natural Gas Fund	Oil & Gas	-4	3.49%	-3.68%	1.77%	-18.33%	-5.47%	-77.15%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-4	-1.40%	2.89%	8.67%	-27.95%	-13.35%	-40.67%
OIH	Oil Services HOLDRs	Energy Equities	-5	0.17%	-2.75%	1.22%	-16.89%	-17.40%	-66.77%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-5	-8.24%	-9.18%	-14.76%	11.45%	7.87%	-48.03%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-7	-1.06%	-3.63%	-7.08%	-14.63%	-4.56%	-29.39%
DOG	ProShares Short Dow 30	Bear Market	-7	-3.53%	-3.18%	-5.40%	-17.12%	-5.44%	-43.16%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-2.50%	-5.17%	-1.27%	-18.77%	-15.41%	-48.57%
RWM	ProShares Short Russell2000	Inverse Equities	-7	-2.23%	-3.25%	-6.02%	-16.47%	-3.40%	-38.19%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8	-3.02%	-4.06%	-6.11%	-20.01%	-6.47%	-39.83%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-9	-1.82%	-7.20%	-4.42%	-20.84%	-18.79%	-52.88%
PSQ	ProShares Short QQQ	Inverse Equities	-10	-3.67%	-5.93%	-7.14%	-24.42%	-8.13%	-53.25%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-11	-3.30%	-9.16%	-7.29%	-25.19%	-25.93%	-71.59%
ECH	iShares Chile Index	Latin America	-14	-12.93%	-13.63%	-7.63%	-22.24%	-19.04%	-42.67%
HDGE	Ranger Equity Bear	Inverse Equities	-16	-7.21%	-10.17%	-15.43%	-29.77%	-10.53%	-47.28%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-90	-90.24%	-90.26%	-90.41%	-88.58%	-88.98%	-90.58%