

# HV ETF Master List as of 02/16/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	17	13.02%	21.21%	12.10%	21.42%	13.25%	-23.96%
SMH	VanEck Vectors Semiconductor	Technology Equities	16	11.78%	20.95%	11.25%	21.28%	13.47%	-22.25%
XRT	SPDR S&P Retail *	Consumer Discretionar	14	11.71%	19.70%	6.56%	17.40%	11.42%	-31.86%
ITB	iShares DJ US Home Construction	Building and Constructi	14	8.64%	14.23%	16.31%	15.21%	18.42%	-15.92%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	13	9.93%	14.97%	12.32%	15.58%	14.56%	-19.18%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	13	10.63%	17.32%	6.07%	16.79%	4.50%	-28.07%
ECH	iShares Chile Index	Latin America	13	9.64%	14.68%	16.28%	10.45%	12.71%	-46.73%
IYW	Dow Jones US Technology	Technology Equities	13	11.85%	16.10%	8.33%	15.91%	6.20%	-26.26%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	13	10.94%	17.11%	5.55%	16.55%	2.74%	-28.80%
IYC	iShares US Consumer Services	Consumer Discretionar	12	9.59%	15.92%	6.02%	15.31%	6.68%	-76.29%
VGT	Vanguard Info Technology	Technolgy Equities	12	10.94%	14.39%	6.70%	14.27%	7.16%	-21.69%
VOX	Vanguard Telecom Serv's	Communication Equitie	12	7.13%	16.36%	9.22%	15.08%	3.31%	-37.18%
EWW	iShares Mexico Index	Latin America Stock	11	4.09%	14.79%	7.96%	17.90%	17.34%	-1.09%
EWP	iShares Spain Index	Europe Stock	11	4.19%	13.34%	11.86%	13.15%	16.40%	-24.50%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	11	7.36%	15.46%	8.36%	14.41%	12.86%	-15.95%
EWI	iShares Italy Index	Europe Stock	11	4.95%	14.62%	11.01%	14.11%	19.77%	-10.82%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	11	10.23%	13.70%	5.71%	13.90%	4.75%	-24.92%
XME	SPDR S&P Metals & Mining	Commodity Producers	11	4.78%	13.49%	9.05%	14.86%	15.05%	-13.12%
XLK	Technology Select *	Technology Equities	11	10.72%	13.75%	5.98%	13.78%	6.98%	-19.85%
IGV	iShares North American Tech-Software	Technology Equities	11	10.13%	13.68%	8.10%	12.61%	5.41%	-35.48%
IJS	S&P SmallCap 600/BARRA Value	Small Value	10	7.28%	14.25%	6.28%	13.17%	10.35%	-40.35%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10	9.00%	12.39%	5.05%	12.31%	3.99%	-62.59%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	10	8.91%	13.06%	5.76%	11.51%	9.52%	-30.17%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	10	5.04%	15.71%	4.81%	15.21%	-1.96%	-42.67%
VBK	Vanguard SmallCap Growth	Small Cap Growth	10	7.04%	12.91%	6.92%	12.68%	7.47%	-26.11%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	10	3.97%	13.59%	8.99%	14.52%	14.67%	-9.11%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	10	5.34%	12.75%	8.86%	14.11%	13.91%	-2.87%
IWP	Russell MidCap Growth	Mid-Cap Growth	10	8.46%	11.96%	5.99%	11.60%	9.40%	-24.32%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	8.99%	13.04%	4.82%	13.07%	3.57%	-26.40%
FEZ	SPDR Euro Stoxx 50	Europe Stock	10	2.91%	12.88%	10.82%	13.23%	18.33%	-11.21%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10	8.17%	12.12%	6.25%	11.49%	7.79%	-24.60%
EWN	iShares Netherlands Index	Europe Stock	10	3.07%	12.57%	9.62%	13.51%	15.58%	-21.40%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	10	7.80%	12.97%	5.82%	12.40%	7.41%	-25.33%
VUG	Vanguard Growth	Large Cap Growth	10	8.73%	12.88%	4.98%	12.78%	4.07%	-26.20%
EZU	European Monetary Union Index	Europe Stock	10	2.93%	12.86%	10.92%	12.97%	16.72%	-13.47%
EWG	iShares Germany Index	Europe Stock	10	1.96%	13.75%	11.05%	13.42%	16.75%	-23.11%
EWQ	iShares France Index	Europe Stock	10	3.38%	12.73%	11.76%	12.80%	17.29%	-7.64%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	6.19%	12.68%	5.98%	11.59%	11.21%	-34.99%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	9	6.26%	12.78%	4.59%	11.78%	10.45%	-3.05%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	9	6.34%	11.87%	5.41%	11.16%	-0.68%	-23.40%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	9	8.03%	13.67%	3.35%	11.29%	5.83%	-24.16%

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SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	9	6.52%	11.89%	4.98%	11.26%	8.05%	-59.08%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	3.56%	9.61%	6.98%	10.57%	11.35%	-0.22%
IWF	Russell 1000 Growth	Large Growth	8	8.00%	10.40%	3.54%	10.46%	4.05%	-23.55%
IWM	Russell 2000	Small Blend	8	5.80%	10.94%	3.78%	10.46%	6.54%	-20.60%
MCHI	iShares MSCI China	China Equities	8	-4.22%	8.99%	20.44%	7.94%	5.61%	-47.25%
MDY	MidCap Trust Series I	Mid-Cap Blend	8	6.18%	10.63%	4.18%	10.00%	9.25%	-8.28%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	7.36%	10.92%	4.38%	11.11%	9.77%	-6.38%
IJR	S&P Sm.Cap 600	Small Blend	8	6.40%	11.32%	3.84%	10.86%	7.78%	-12.80%
VB	Vanguard SmallCap	Small Cap Blend	8	6.16%	11.11%	4.31%	10.58%	7.72%	-15.21%
IJH	S&P MidCap 400	Mid-Cap Blend	8	6.20%	10.68%	4.24%	10.07%	9.23%	-8.36%
IWO	Russell 2000 Growth	Small Growth	8	6.09%	11.40%	4.82%	10.96%	7.31%	-29.29%
IWN	Russell 2000 Value	Small Value	7	5.60%	10.53%	2.94%	9.94%	5.85%	-13.81%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	7	6.20%	9.73%	3.91%	9.16%	7.20%	-67.14%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	7	1.91%	9.75%	7.32%	9.05%	8.37%	-24.57%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	5.66%	10.07%	3.22%	10.34%	7.50%	-63.27%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	7	5.62%	11.17%	2.81%	9.58%	8.36%	-15.20%
KBE	SPDR S&P Bank	Specialty-Financial	7	8.09%	10.74%	-0.14%	9.17%	4.54%	-18.41%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	7	5.77%	10.27%	4.00%	9.83%	7.59%	-13.59%
RWR	Wilshire REIT Fund	Real Estate	7	4.40%	10.10%	3.84%	9.54%	1.74%	-21.86%
RPV	Guggenheim S&P 500 Pure Value	Large Value	7	4.91%	11.04%	3.55%	9.86%	8.42%	-4.20%
IYT	Dow Jones Transportation	Transportation Equities	7	4.38%	9.59%	3.12%	10.32%	5.84%	-15.85%
VBR	Vanguard SmallCap Value	Small Cap Value	7	5.64%	9.95%	2.92%	9.26%	8.02%	-6.58%
VGK	Vanguard European	Europe Equities	7	1.43%	9.67%	7.67%	9.69%	11.82%	-13.87%
IEV	S&P Europe 350 Index	Europe Stock	7	1.14%	9.49%	7.69%	9.49%	12.30%	-11.07%
EWD	iShares Sweden Index	Europe Stock	7	2.55%	10.62%	5.52%	10.52%	10.91%	-27.66%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	7	6.22%	8.74%	2.66%	8.59%	7.37%	-71.14%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7	6.05%	9.44%	3.76%	8.88%	6.70%	-15.05%
FXI	iShares China 25 Index	China Equities	7	-4.92%	7.80%	18.99%	6.50%	3.10%	-44.67%
VIS	Vanguard Industrials	industrials Equities	6	6.03%	7.17%	2.62%	6.71%	9.67%	-6.07%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	6	0.64%	7.89%	6.33%	7.92%	9.98%	-13.75%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6	5.44%	7.79%	1.91%	7.29%	4.24%	-57.72%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	6	5.24%	8.22%	1.95%	7.80%	6.67%	-56.29%
IYZ	Down Jones US Telecom	Commun. Equities	6	3.95%	9.88%	3.46%	8.07%	0.65%	-33.66%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	6	5.03%	7.52%	2.62%	7.34%	5.17%	-16.38%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	4.74%	12.09%	-8.32%	13.82%	1.12%	-18.80%
SCHH	Schwab U.S. REIT	Real Estate	6	3.12%	8.55%	2.92%	7.93%	0.56%	-60.49%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	5.93%	8.40%	0.60%	7.92%	4.97%	-24.03%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	6	-3.70%	9.79%	12.59%	6.89%	0.82%	-35.45%
IYR	Dow Jones US Real Estate	Real Estate	6	3.07%	8.67%	3.27%	8.18%	0.79%	-21.58%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	6	2.80%	8.24%	3.63%	7.56%	1.27%	-22.21%
VFH	Vanguard Financials	Financials Equities	6	5.37%	8.89%	1.14%	7.64%	7.58%	-12.48%
KIE	SPDR S&P Insurance	Specialty-Financial	6	5.54%	6.67%	3.41%	6.62%	10.11%	-53.47%
VNQ	Vanguard REIT Index	Real Estate	6	3.30%	9.16%	2.85%	8.54%	0.26%	-22.83%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6	5.54%	8.14%	2.12%	7.59%	4.54%	-57.60%

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VTI	Total Stock Market VIPERs	All Cap Equities	6	5.47%	8.04%	2.05%	7.58%	4.44%	-15.35%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	6	5.59%	8.71%	1.78%	8.73%	5.47%	-43.80%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	6	5.47%	8.14%	2.22%	7.58%	4.48%	-15.24%
IVE	S&P 500/BARRA Value	Large Value	6	4.52%	7.91%	2.97%	6.95%	7.64%	-2.71%
IWB	Russell 1000 Index	Large Blend	6	5.40%	7.84%	1.98%	7.27%	4.29%	-15.14%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	1.53%	8.58%	7.28%	8.50%	10.46%	-10.54%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	6	1.07%	7.76%	6.96%	7.48%	10.60%	-17.22%
IWS	Russell MidCap Value	Mid-Cap Value	6	4.89%	8.53%	2.67%	7.79%	6.00%	-8.12%
IWV	Russell 3000 Index	All Cap Equities	6	5.39%	7.98%	2.05%	7.43%	4.37%	-15.06%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	5	7.29%	5.68%	4.21%	4.00%	11.28%	-51.49%
ACWI	iShares MSCI ACWI	Global Equities	5	2.99%	7.41%	3.00%	7.14%	5.22%	-15.19%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	5.86%	5.72%	0.63%	8.69%	7.15%	-0.31%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5	-1.16%	8.00%	6.19%	8.80%	5.38%	-36.14%
PKW	PowerShares Buyback Achievers	All Cap Equities	5	5.05%	7.87%	1.66%	6.73%	9.07%	-6.92%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	5	-0.48%	7.68%	4.14%	10.38%	1.31%	-20.23%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	5	-0.70%	6.36%	3.70%	9.10%	1.85%	-19.56%
IYJ	Dow Jones US Industrial	Industrial Equities	5	4.74%	6.98%	2.32%	6.08%	7.83%	-46.98%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	5	0.27%	7.19%	3.23%	7.96%	1.18%	-18.17%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	-0.27%	7.26%	5.66%	7.16%	7.27%	-17.55%
IVW	S&P 500/BARRA Growth	Large Growth	5	5.50%	6.60%	0.08%	6.55%	0.10%	-26.51%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	0.59%	7.71%	5.95%	7.69%	9.53%	-15.12%
IVV	S&P 500	Large Blend	5	5.06%	7.23%	1.53%	6.79%	4.00%	-14.50%
ICF	Cohen & Steers Realty	Real Estate	5	2.80%	8.35%	2.86%	7.66%	-0.11%	-53.13%
IYF	Dow Jones US Financial Sector	Specialty-Financial	5	4.61%	8.16%	0.85%	6.82%	7.45%	-43.79%
IYM	Dow Jones US Basic Mat's	Materials	5	2.44%	7.97%	2.84%	8.46%	7.92%	-12.13%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	5.19%	6.59%	1.36%	6.70%	4.12%	-15.05%
KRE	SPDR S&P Region.Banking	Specialty-Financial	5	8.12%	8.71%	-2.44%	7.05%	1.95%	-20.18%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	5	-2.62%	6.34%	8.85%	6.07%	3.97%	-32.68%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5	2.94%	6.30%	3.69%	6.68%	3.31%	-25.55%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	0.28%	7.98%	5.21%	8.20%	8.99%	-20.46%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	-0.11%	7.23%	5.52%	7.05%	7.17%	-17.97%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	5.59%	6.67%	0.20%	6.65%	0.51%	-25.79%
VV	Vanguard LargeCap	Large Cap Blend	5	5.37%	7.56%	1.76%	7.10%	4.00%	-15.87%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5	0.67%	7.85%	4.87%	7.70%	8.11%	-15.40%
VT	Vanguard Total World Stock Index	Global Equities	5	3.13%	7.66%	3.27%	7.31%	5.26%	-15.33%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	5	0.98%	8.73%	4.05%	7.69%	6.31%	-23.12%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	5	4.41%	7.25%	1.81%	6.65%	5.82%	-5.84%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	5	0.42%	7.20%	5.45%	6.48%	7.48%	-23.95%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	5	5.00%	7.75%	0.66%	7.22%	4.57%	-14.97%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	5.05%	7.22%	1.46%	6.79%	3.92%	-14.58%
VXUS	Vanguard Total International Stock	Global Equities	5	-0.16%	7.13%	5.09%	6.92%	6.33%	-18.07%
XLF	Financial Select Sector *	Financial Equities	5	4.54%	7.76%	0.75%	6.37%	7.60%	-12.17%
SCHF	Schwab International Equity	Foreign Large Cap Equ	5	0.61%	7.69%	4.14%	7.79%	7.94%	-14.99%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	5	-0.22%	7.19%	5.19%	7.04%	6.56%	-17.78%

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VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	5.51%	6.60%	0.04%	6.56%	0.08%	-26.53%
SPY	SPDR S&P 500	Large Cap Blend	5	5.05%	7.24%	1.48%	6.76%	4.00%	-14.53%
SPYG	S&P 500 Growth	Large Cap Growth	5	5.53%	6.63%	0.07%	6.59%	0.13%	-26.50%
RSP	Guggenheim S&P Equal Weight	Large Blend	5	4.42%	7.81%	2.61%	7.15%	6.60%	-7.83%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	4	-4.03%	6.71%	6.71%	6.26%	6.35%	-31.10%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	2.24%	6.67%	2.13%	5.46%	5.12%	-5.57%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	4	-2.02%	6.04%	6.34%	5.95%	3.17%	-28.76%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	4	-1.36%	6.40%	5.04%	5.26%	5.93%	-16.55%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	-1.31%	4.99%	5.20%	5.64%	2.83%	-25.12%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	4	-2.29%	5.69%	5.83%	5.28%	1.83%	-27.35%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	4	-2.38%	6.00%	6.22%	5.86%	2.89%	-30.78%
XLI	Industrial Select Sector *	Industrial Equities	4	4.84%	4.65%	1.05%	4.23%	8.42%	-4.44%
VAW	Vanguard Materials VIPERS	Materials	4	2.15%	6.77%	1.29%	7.09%	6.78%	-8.63%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	4	-0.15%	5.80%	4.21%	5.60%	3.16%	-20.46%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4	3.83%	6.25%	0.76%	5.45%	4.97%	-13.63%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	4	4.39%	6.34%	-1.14%	7.85%	4.95%	-1.31%
EWU	iShares United Kingdom Index	Europe Stock	4	-0.12%	6.63%	4.85%	6.49%	8.23%	-13.81%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	4.30%	6.14%	1.00%	6.08%	5.64%	-8.65%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	4	3.51%	5.87%	0.34%	5.00%	4.90%	-7.16%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	4.08%	6.67%	0.77%	5.88%	5.63%	-5.54%
FPE	First Trust Preferred Securities and Income	Preferred Stock	4	-0.11%	4.94%	4.94%	6.13%	2.51%	-14.07%
EWA	iShares Australia Index	Asia Pacific Equities	4	-0.91%	8.22%	2.45%	7.24%	6.60%	-12.93%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	0.47%	4.47%	4.61%	4.47%	3.06%	-11.64%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	4	0.26%	5.08%	4.74%	4.47%	6.09%	-30.29%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	4	0.21%	7.43%	3.44%	6.70%	4.58%	-22.76%
EWL	iShares Switzerland Index	Europe Stock	4	-1.18%	6.09%	3.30%	5.96%	6.03%	-16.20%
EWK	iShares Belgium Index	Europe Stock	4	0.32%	4.94%	7.66%	4.35%	9.45%	-19.43%
EWC	iShares Canada Index	Foreign Large Cap Equ	4	1.59%	8.42%	-0.45%	7.45%	2.96%	-13.50%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	3	1.93%	6.82%	-4.65%	8.08%	0.09%	-17.08%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	3	-1.83%	4.71%	6.00%	4.71%	5.52%	-20.74%
EWJ	iShares Japan Index	Japan Stock	3	-0.28%	4.22%	1.93%	4.78%	5.19%	-23.04%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	3	2.79%	5.40%	-1.73%	3.65%	5.41%	-6.35%
EWH	iShares Hong Kong Index	China Equities	3	-3.68%	2.17%	11.44%	1.05%	3.19%	-24.45%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	3	0.71%	1.98%	4.99%	4.01%	10.43%	-13.27%
ILF	iShares S&P 40 Latin America	Latin America Stock	3	-0.44%	7.12%	-0.68%	7.78%	0.33%	-37.54%
XLB	Materials Select Sector *	Materials	3	1.13%	5.24%	-0.36%	5.65%	5.35%	-9.43%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3	-0.63%	5.16%	2.70%	5.10%	4.61%	-21.05%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	3	12.87%	4.04%	0.45%	-4.18%	7.27%	-27.00%
IWD	Russell 1000 Value	Large Value	3	2.91%	5.34%	0.41%	4.42%	4.52%	-7.13%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	3	2.28%	9.37%	-9.82%	10.43%	-7.25%	-34.56%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	3	3.81%	4.90%	0.13%	4.37%	5.19%	-4.63%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	3	-2.61%	5.49%	4.70%	5.45%	1.73%	-27.92%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	3	5.27%	1.44%	2.57%	1.14%	0.32%	-11.24%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	3	3.02%	8.07%	-7.80%	8.90%	-0.75%	-12.12%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
MOO	VanEck Vectors Agribusiness	Commodity Producers	2	1.12%	5.22%	-2.68%	5.06%	1.03%	-16.75%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	2	-0.09%	1.98%	1.83%	2.87%	1.29%	-9.82%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	2	-0.80%	5.55%	0.51%	4.70%	6.61%	-8.55%
RWX	SPDR DJ Wil Intern. RE	Real Estate	2	-1.43%	4.67%	2.72%	3.03%	-0.05%	-36.02%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	2	6.44%	2.53%	0.90%	-1.68%	4.92%	-9.61%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	1.09%	2.02%	3.80%	2.59%	5.20%	-12.93%
SDY	SPDR Dividend ETF	Large Value	2	3.07%	3.08%	-1.91%	2.83%	3.83%	-2.79%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	2	-1.63%	4.72%	2.79%	3.18%	-0.34%	-31.47%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	3.30%	3.17%	-1.59%	3.20%	4.20%	-5.91%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	2	2.80%	2.94%	-0.95%	2.52%	3.99%	-9.60%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	2	-2.36%	3.88%	1.72%	3.00%	-0.45%	-34.63%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	2	3.08%	7.61%	-13.27%	8.96%	-5.16%	-19.02%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	2	2.69%	4.24%	-0.57%	3.45%	4.42%	-7.94%
DVY	iShares Select Dividend Index	Large Cap Value	2	2.63%	3.93%	-0.45%	3.22%	3.24%	-5.80%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	2	2.79%	3.00%	-1.20%	2.40%	3.53%	-8.67%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	2	2.04%	3.04%	-0.92%	2.82%	3.39%	-4.06%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2	0.57%	4.04%	0.59%	3.71%	0.71%	-24.17%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	2	-0.14%	2.35%	4.58%	2.13%	4.08%	-51.28%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	1	1.80%	2.50%	-0.85%	2.08%	3.52%	-3.66%
VTV	Vanguard Value	Large Cap Value	1	2.19%	2.75%	-1.36%	1.96%	3.96%	-5.09%
UUP	PowerShares DB US Dollar Bullish	Currency	1	2.29%	0.43%	-1.64%	1.08%	-1.61%	-8.35%
SCHD	Schwab US Dividend Equity	All Cap Equities	1	2.28%	2.21%	-2.15%	1.60%	3.34%	-6.33%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	1	-6.45%	4.15%	5.57%	-0.21%	5.24%	-26.25%
IAU	iShares Gold Trust	Precious Metals	1	-5.04%	2.50%	4.69%	0.72%	3.36%	-11.62%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	1	-2.47%	3.05%	-0.45%	1.91%	4.51%	-9.46%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	1	2.04%	2.16%	-1.78%	1.83%	4.34%	-8.29%
GLD	SPDR Gold Shares	Precious Metals	1	-5.08%	2.39%	4.61%	0.65%	3.26%	-11.93%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-2.43%	1.11%	2.16%	2.96%	-0.90%	-23.59%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	1	1.18%	2.29%	-1.04%	1.89%	1.21%	-9.30%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	1	1.91%	2.81%	-3.15%	2.98%	-0.26%	-29.34%
IXC	S&P Global Energy	Energy Equities	1	-0.57%	4.87%	-3.93%	2.10%	5.66%	-6.55%
VYM	Vanguard High Div. Yield Index	Large Cap Value	1	1.69%	2.02%	-2.54%	1.31%	3.26%	-4.68%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	1	-0.69%	2.34%	2.12%	1.64%	2.97%	-85.62%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	1	1.40%	2.14%	-2.28%	1.50%	1.16%	-6.58%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.36%	1.06%	0.82%	0.70%	0.83%	-0.80%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	0	-3.87%	0.79%	1.92%	2.57%	1.78%	-38.13%
MUB	iShares S&P National Muni Bond	National Munis	0	-1.82%	0.42%	0.75%	0.68%	0.35%	-9.92%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.08%	-0.05%	0.17%	0.22%	0.21%	-1.08%
FXE	CurrencyShares Euro Currency Trust	Currency	0	-1.42%	0.73%	2.60%	-0.28%	3.31%	-18.22%
PZA	Pshares Insured National Munis	National Munis	0	-3.12%	0.91%	1.52%	1.66%	0.22%	-15.26%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-1.13%	0.41%	-0.40%	1.23%	-0.13%	-11.35%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-2.08%	0.16%	1.02%	1.62%	-1.21%	-18.76%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-2.08%	0.25%	0.52%	1.32%	-1.82%	-19.42%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-1.17%	0.99%	-0.08%	1.40%	-0.16%	-12.65%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-1.44%	0.34%	-0.67%	0.78%	-0.37%	-14.20%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	-1.86%	0.07%	-0.21%	0.75%	-3.31%	-18.05%
DOG	ProShares Short Dow 30	Bear Market	0	-1.58%	-1.32%	2.30%	-1.14%	-4.31%	-63.16%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-1.15%	-0.23%	0.31%	0.33%	-0.48%	-8.98%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	0	1.23%	0.68%	-2.52%	0.53%	1.05%	-10.56%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-2.22%	0.00%	-0.17%	0.53%	-0.27%	-12.51%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	-2.92%	-0.28%	0.03%	1.21%	-0.93%	-19.27%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.93%	-0.52%	-0.03%	-0.07%	-0.86%	-7.31%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-1.18%	-0.19%	0.33%	0.40%	-0.36%	-9.32%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-1.28%	-0.46%	0.09%	0.08%	-0.81%	-9.56%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.95%	-0.35%	-0.10%	-0.10%	-0.98%	-6.84%
BNDX	Vanguard Total International Bond	Total Bond Market	0	-1.72%	0.12%	-1.76%	1.41%	-1.81%	-18.78%
IGE	iShares North American Natural Resources	Commodity Producers	0	-2.28%	3.91%	-4.17%	1.25%	3.77%	-9.38%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	-2.23%	0.42%	-0.94%	1.20%	-1.54%	-71.96%
EWM	iShares Malaysia Index	Emerging Markets Equi	0	-3.60%	2.62%	1.11%	-0.39%	2.26%	-37.62%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.90%	-0.31%	-0.10%	-0.07%	-0.96%	-6.56%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	-0.53%	-0.53%	-0.53%	-0.46%	-83.14%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	-1	-0.60%	0.44%	-2.56%	0.34%	0.16%	-11.95%
XLE	Energy Select Sector *	Energy Equities	-1	-2.21%	3.84%	-4.64%	0.16%	6.01%	-6.88%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	-2.72%	-0.55%	-0.28%	0.80%	-1.79%	-18.27%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-1	-0.20%	0.47%	-3.59%	-0.53%	0.95%	-5.67%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-1	-4.30%	0.09%	0.27%	0.27%	-0.32%	-28.49%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	-1.78%	-0.79%	-1.48%	2.02%	5.16%	-26.17%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	-0.40%	-2.05%	-1.61%	0.45%	-3.61%	-11.14%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	-3.79%	-0.35%	-0.08%	0.89%	-0.06%	-27.66%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-1	-3.64%	-0.84%	-0.02%	0.82%	-0.08%	-26.17%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	-2.72%	-0.75%	-0.25%	0.75%	-1.79%	-19.11%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1	-3.06%	-0.81%	-0.27%	0.62%	-1.86%	-20.76%
EWZ	iShares Brazil Index	Latin America Stock	-1	-2.98%	1.52%	-3.18%	2.40%	-4.84%	-40.84%
VDE	Vanguard Energy VIPERS	Energy Equities	-1	-1.60%	3.90%	-5.44%	0.40%	5.44%	-7.67%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	-2.80%	-0.91%	-0.67%	0.00%	-2.30%	-16.50%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	-2.68%	-0.45%	-0.20%	0.88%	-1.74%	-19.10%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-1	-1.81%	0.08%	-1.06%	0.71%	-3.96%	-18.36%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	-4.06%	-0.72%	-1.07%	1.13%	-1.80%	-23.38%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	-5.14%	-1.32%	-0.60%	1.65%	-4.01%	-36.19%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-1	-5.20%	-0.47%	0.32%	-0.51%	-3.89%	-30.31%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-1	1.44%	-1.59%	-4.05%	-1.22%	0.55%	-9.15%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	2.04%	-0.67%	-2.98%	-0.65%	-0.09%	-10.11%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	-2.44%	-0.73%	-0.32%	0.03%	-1.76%	-14.30%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	-3.70%	-1.08%	-1.00%	0.38%	-3.14%	-21.88%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	-2.74%	-1.07%	-0.58%	0.03%	-2.15%	-17.43%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1	-1.46%	-1.30%	-1.29%	0.61%	4.64%	-61.25%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-2.30%	0.09%	-0.99%	0.87%	-1.24%	-16.52%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-1	0.80%	-1.68%	-3.38%	-1.08%	-0.99%	-9.00%



Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	-1.91%	-0.46%	-0.16%	0.18%	-1.34%	-13.27%
FXV	CurrencyShares Japanese Yen Trust	Currency	-1	-4.20%	-1.23%	3.74%	-2.10%	1.72%	-28.01%
FXB	CurrencyShares British Pound	Currency	-1	-3.21%	-0.33%	-0.83%	-0.68%	0.57%	-20.70%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	-2.65%	-0.78%	-0.35%	0.35%	-2.22%	-19.43%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-2	0.05%	-2.09%	-5.22%	-0.86%	-0.44%	-8.38%
RING	iShares MSCI Global Gold Miners Fund	Commodity Producers	-2	-10.79%	-0.49%	2.76%	0.00%	3.15%	-39.49%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-2	-2.28%	-1.89%	-1.46%	-2.41%	-1.60%	-9.99%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	-5.68%	-1.68%	-1.47%	1.90%	-2.75%	-31.70%
BLV	Vanguard Long Term Bond	Long-Term Bond	-2	-5.48%	-1.73%	-1.11%	1.93%	-3.77%	-37.17%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-2	0.93%	-2.21%	-4.17%	-1.77%	-0.01%	-7.32%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-2	0.26%	-1.74%	-2.82%	-1.80%	-0.06%	-9.61%
XLP	Consumer Staples Select *	Consumer Staples	-2	0.94%	-2.74%	-4.60%	-2.43%	-0.35%	-9.72%
DBC	PowerShares DB Commodity Index	Commodities	-2	-3.65%	-0.21%	-2.95%	-2.52%	-6.46%	-21.29%
EZA	iShares South Africa Index	Emerging Markets Equi	-2	-5.58%	0.75%	-2.76%	1.37%	1.38%	-43.42%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	-5.89%	-2.02%	-1.27%	2.04%	-5.79%	-40.79%
JXI	iShares S&P Global Utilities	Utilities Equities	-2	-1.80%	-1.47%	-3.53%	-1.93%	-2.16%	-12.56%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-2	-2.31%	-0.19%	-6.82%	-0.21%	-2.29%	-21.35%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-2	-10.46%	-0.31%	0.81%	0.03%	3.17%	-35.62%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-2	-2.08%	-2.07%	-1.98%	-2.00%	1.39%	-7.79%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-2	-7.27%	-3.20%	-1.44%	3.14%	-7.34%	-52.10%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-2	-2.34%	2.39%	-6.55%	-0.56%	4.37%	-8.46%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-2	-0.12%	-1.61%	-5.95%	-2.21%	0.18%	-26.34%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-3	-2.10%	-2.64%	-3.29%	-2.42%	0.83%	-32.69%
VHT	Vanguard Health Care	Health & Biotech Equiti	-3	-1.32%	-2.81%	-3.52%	-2.58%	0.42%	-9.66%
XLU	Utilities Select Sector *	Utilities Equities	-3	-1.55%	-3.48%	-4.50%	-3.90%	-3.89%	-13.27%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-3	0.03%	-4.06%	-5.23%	-3.70%	-0.93%	-8.50%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-3	4.37%	5.71%	-31.27%	7.65%	-20.32%	-32.53%
IYH	Dow Jones US Healthcare	Specialty-Health	-3	-1.54%	-3.24%	-3.57%	-3.13%	0.48%	-8.96%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-3	-1.30%	-3.10%	-4.53%	-3.44%	-3.53%	-12.59%
GSG	iShares GSCI Commodity Index	Commodities.	-3	-3.52%	-0.87%	-2.33%	-3.30%	-7.18%	-22.06%
IDU	Dow Jones US Utilities	Utilities Equities	-3	-1.08%	-3.11%	-4.51%	-3.47%	-3.55%	-52.82%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-3	-1.82%	-3.82%	-4.62%	-3.70%	0.01%	-8.41%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-3	-7.79%	-3.89%	-2.21%	3.10%	-8.82%	-52.61%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-4	-4.37%	-6.03%	-1.24%	-5.74%	-4.30%	-63.72%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-4	-2.86%	-0.87%	-9.98%	-2.78%	-9.69%	-24.32%
INDA	iShares MSCI India	Emerging Markets Equi	-4	-4.82%	-2.93%	-6.49%	-3.07%	-3.15%	-20.32%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-5	-2.35%	-0.56%	-15.66%	-0.33%	-10.23%	-59.80%
SIL	Global X Silver Miners	Commodity Producers	-5	-10.92%	-3.69%	-3.66%	-2.70%	1.03%	-48.85%
DJP	Bloomberg Commodity Index	Commodities	-5	-4.27%	-3.70%	-6.78%	-4.92%	-8.28%	-22.21%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-5	-6.69%	-7.40%	1.58%	-8.03%	29.58%	-27.78%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-0.27%	-6.80%	-6.10%	-6.85%	-10.04%	-47.80%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-5	-4.84%	0.48%	-11.74%	-2.30%	-0.75%	-14.37%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-5	-12.40%	-2.94%	-1.53%	-2.69%	1.63%	-45.84%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-5	-3.29%	-1.41%	-11.75%	-1.99%	-1.54%	-13.66%

<b>Ticker</b>	<b>ETF Name</b>	<b>Orientation</b>	<b>M-Index</b>	<b>4 wk</b>	<b>8 wk</b>	<b>12 wk</b>	<b>YTD</b>	<b>%M/A</b>	<b>DD%</b>
SLV	iShares Silver Trust	Precious Metals	-7	-9.65%	-8.53%	0.61%	-9.90%	2.51%	-26.52%
RWM	ProShares Short Russell2000	Inverse Equities	-7	-5.21%	-9.39%	-3.82%	-9.02%	-7.47%	-64.54%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-9	-11.06%	-5.91%	-6.27%	-14.00%	-3.13%	-28.51%
PSQ	ProShares Short QQQ	Inverse Equities	-10	-9.31%	-11.78%	-5.82%	-12.02%	-6.25%	-76.72%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-15	-19.67%	-18.09%	-2.16%	-20.75%	-0.87%	-63.62%
HDGE	Ranger Equity Bear	Inverse Equities	-17	-12.75%	-20.75%	-16.46%	-19.34%	-17.80%	-79.35%
UNG	U.S. Natural Gas Fund	Oil & Gas	-44	-21.41%	-47.75%	-63.61%	-41.42%	-62.10%	-90.65%