

# HV ETF Master List as of 02/23/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	12	0.70%	19.04%	6.85%	19.51%	11.62%	-23.38%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	12	0.97%	18.77%	7.39%	18.88%	10.74%	-25.55%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	11	5.48%	13.99%	10.04%	15.89%	15.33%	-1.35%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	9	2.09%	12.20%	8.41%	14.07%	13.93%	-9.47%
EWW	iShares Mexico Index	Latin America Stock	9	-1.23%	14.40%	6.49%	16.76%	15.77%	-2.04%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	8	1.29%	10.64%	6.87%	11.72%	10.28%	-21.88%
ITB	iShares DJ US Home Construction	Building and Constructi	8	0.21%	10.46%	9.22%	11.20%	13.72%	-18.85%
EWG	iShares Germany Index	Europe Stock	8	-0.79%	10.94%	8.64%	12.37%	15.42%	-23.82%
EWP	iShares Spain Index	Europe Stock	8	0.37%	11.26%	9.41%	11.99%	14.89%	-25.28%
EWQ	iShares France Index	Europe Stock	8	0.32%	10.75%	9.18%	12.02%	16.02%	-8.28%
IYW	Dow Jones US Technology	Technology Equities	8	2.03%	13.23%	3.27%	13.29%	3.73%	-27.93%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	-0.41%	10.83%	8.10%	12.43%	16.99%	-11.83%
VGT	Vanguard Info Technology	Technolgy Equities	7	1.92%	11.75%	2.28%	11.81%	4.67%	-23.38%
EWI	iShares Italy Index	Europe Stock	7	0.53%	10.14%	7.50%	11.69%	16.86%	-12.71%
EZU	European Monetary Union Index	Europe Stock	7	-0.72%	10.33%	7.85%	11.73%	15.06%	-14.42%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	7	2.41%	8.94%	6.03%	10.51%	10.98%	-0.30%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	7	0.95%	13.16%	0.77%	13.41%	1.25%	-30.16%
XLK	Technology Select *	Technology Equities	7	1.79%	11.19%	1.77%	11.35%	4.51%	-21.56%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	7	1.07%	12.86%	0.01%	13.16%	-0.43%	-30.87%
IGV	iShares North American Tech-Software	Technology Equities	7	1.25%	10.91%	3.42%	11.12%	3.93%	-36.33%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	1.53%	10.58%	3.80%	10.96%	7.90%	-41.52%
XRT	SPDR S&P Retail *	Consumer Discretionar	7	0.25%	12.38%	2.06%	12.06%	5.93%	-34.97%
VOX	Vanguard Telecom Serv's	Communication Equitie	6	-2.22%	11.91%	3.07%	11.82%	0.54%	-38.96%
IYC	iShares US Consumer Services	Consumer Discretionar	6	-0.08%	11.77%	0.81%	11.85%	3.18%	-77.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	6	1.19%	11.40%	1.06%	11.47%	2.40%	-26.53%
VBK	Vanguard SmallCap Growth	Small Cap Growth	6	0.25%	10.00%	2.54%	10.09%	4.76%	-27.80%
EWN	iShares Netherlands Index	Europe Stock	6	-3.00%	9.58%	5.05%	11.22%	12.85%	-22.98%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	6	2.69%	9.17%	3.27%	9.07%	6.77%	-31.69%
EWD	iShares Sweden Index	Europe Stock	6	0.11%	8.59%	3.85%	10.24%	10.55%	-27.84%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	-0.22%	11.18%	3.38%	11.25%	9.29%	-18.27%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	6	-0.12%	8.06%	6.04%	8.74%	8.15%	-24.79%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	6	0.75%	9.56%	1.98%	9.82%	4.74%	-27.04%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	5	0.00%	8.65%	1.96%	9.18%	7.53%	-5.31%
IWM	Russell 2000	Small Blend	5	0.38%	8.25%	1.24%	8.56%	4.45%	-21.97%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	5	0.78%	9.72%	0.53%	9.94%	1.67%	-63.38%
IWO	Russell 2000 Growth	Small Growth	5	0.39%	8.84%	1.96%	9.06%	5.13%	-30.50%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	5	-2.24%	9.29%	1.83%	9.39%	0.39%	-20.94%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	1.34%	8.15%	1.78%	8.72%	5.71%	-63.81%
VUG	Vanguard Growth	Large Cap Growth	5	0.48%	9.75%	0.31%	10.06%	1.45%	-27.98%
IEV	S&P Europe 350 Index	Europe Stock	5	-0.94%	7.62%	5.12%	8.85%	11.41%	-11.59%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	5	0.47%	10.22%	0.42%	10.48%	1.10%	-28.08%

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SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5	0.45%	8.87%	2.10%	9.11%	5.70%	-59.87%
VGK	Vanguard European	Europe Equities	5	-0.69%	7.73%	5.26%	9.05%	10.97%	-14.36%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	2.17%	6.94%	3.48%	9.22%	7.38%	-0.11%
IJR	S&P Sm.Cap 600	Small Blend	5	1.15%	8.32%	1.24%	8.81%	5.54%	-14.41%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	5	-0.09%	8.70%	3.44%	9.09%	8.35%	-36.45%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	0.80%	8.16%	1.03%	8.62%	6.14%	-26.34%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	5	0.86%	7.85%	1.35%	8.60%	-2.75%	-25.17%
VB	Vanguard SmallCap	Small Cap Blend	4	0.02%	8.02%	1.33%	8.30%	5.26%	-16.96%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	4	-2.08%	8.28%	1.08%	8.37%	2.92%	-26.15%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	-0.38%	7.34%	1.03%	7.70%	5.29%	-15.27%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	2.01%	11.47%	-9.25%	13.32%	0.79%	-19.16%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	4	0.24%	7.88%	0.40%	8.26%	4.46%	-26.78%
IWF	Russell 1000 Growth	Large Growth	4	0.68%	8.00%	-0.37%	8.30%	1.88%	-25.04%
ECH	iShares Chile Index	Latin America	4	-2.29%	7.88%	5.69%	5.65%	7.68%	-49.05%
FXO	1st Trust Financials AlphaDEX	Financial Equities	4	-1.20%	7.63%	1.05%	8.20%	6.60%	-8.83%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	-2.13%	5.87%	3.60%	6.96%	8.86%	-14.51%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	4	-1.83%	7.52%	1.84%	7.24%	0.51%	-18.72%
IJH	S&P MidCap 400	Mid-Cap Blend	4	0.39%	7.43%	1.67%	7.90%	6.77%	-10.16%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	0.36%	7.36%	1.68%	7.85%	6.80%	-10.07%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	4	-2.44%	8.33%	1.69%	8.40%	1.13%	-20.07%
IWN	Russell 2000 Value	Small Value	4	0.42%	7.55%	0.61%	7.98%	3.78%	-15.34%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	-1.83%	6.25%	4.78%	7.15%	8.98%	-11.65%
VBR	Vanguard SmallCap Value	Small Cap Value	4	-0.05%	6.67%	0.66%	7.17%	5.71%	-8.36%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	4	-1.65%	5.95%	4.73%	6.67%	9.68%	-17.84%
KBE	SPDR S&P Bank	Specialty-Financial	3	1.26%	6.46%	-1.75%	7.02%	2.29%	-20.01%
XME	SPDR S&P Metals & Mining	Commodity Producers	3	-5.29%	8.45%	1.48%	9.01%	8.88%	-17.54%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	3	-2.23%	5.64%	3.39%	6.73%	8.43%	-15.87%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	3	0.79%	6.15%	-0.03%	6.69%	5.22%	-71.65%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	3	-7.32%	6.33%	5.54%	6.14%	0.21%	-35.91%
SCHF	Schwab International Equity	Foreign Large Cap Equ	3	-2.53%	5.56%	1.39%	6.61%	6.68%	-15.92%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3	-2.92%	4.64%	3.28%	5.47%	6.45%	-24.67%
KIE	SPDR S&P Insurance	Specialty-Financial	3	-0.30%	4.35%	1.34%	4.96%	7.98%	-54.19%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	-0.32%	5.17%	1.00%	5.19%	1.81%	-26.59%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	3	3.68%	2.03%	3.21%	2.03%	1.43%	-10.45%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	2.21%	4.15%	3.70%	3.84%	10.55%	-51.56%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	3	-0.59%	6.04%	-0.07%	6.51%	4.40%	-67.94%
IYT	Dow Jones Transportation	Transportation Equities	3	0.76%	6.55%	-1.30%	7.42%	2.89%	-18.06%
VO	Vanguard Mid-Cap	Mid-Cap Blend	3	-0.96%	5.53%	-0.51%	6.06%	3.78%	-17.24%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	3	-2.53%	5.75%	2.08%	7.07%	7.66%	-21.29%
VIS	Vanguard Industrials	industrials Equities	3	0.96%	4.60%	0.64%	5.09%	7.58%	-7.50%
RWR	Wilshire REIT Fund	Real Estate	3	-1.18%	6.66%	0.90%	7.27%	-0.24%	-23.47%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	-2.55%	5.51%	1.19%	6.29%	4.23%	-23.05%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	3	-1.30%	6.86%	0.11%	7.04%	5.56%	-17.17%
EWK	iShares Belgium Index	Europe Stock	3	-0.74%	3.90%	5.66%	4.13%	9.17%	-19.60%

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IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	0.72%	6.12%	-1.03%	6.81%	3.39%	-44.79%
EWU	iShares United Kingdom Index	Europe Stock	3	-0.61%	5.62%	2.26%	6.13%	7.80%	-14.10%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	3	-1.90%	4.66%	3.61%	5.63%	3.40%	-20.44%
RPV	Guggenheim S&P 500 Pure Value	Large Value	3	-3.05%	6.41%	0.70%	6.72%	5.14%	-6.94%
EWL	iShares Switzerland Index	Europe Stock	3	-1.51%	4.49%	2.23%	6.06%	6.04%	-16.13%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-2.73%	5.81%	1.70%	6.51%	5.18%	-23.96%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	-2.11%	4.88%	3.28%	5.00%	1.41%	-14.99%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	-0.10%	4.77%	0.84%	7.43%	4.32%	-1.69%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	-2.64%	5.47%	2.10%	6.50%	6.83%	-16.34%
IYM	Dow Jones US Basic Mat's	Materials	2	-3.79%	5.51%	0.14%	6.29%	5.79%	-13.89%
RSP	Guggenheim S&P Equal Weight	Large Blend	2	-1.59%	4.43%	-0.61%	4.86%	4.14%	-9.79%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	2	-0.69%	5.29%	-1.09%	5.53%	2.36%	-16.85%
IVE	S&P 500/BARRA Value	Large Value	2	-1.53%	4.24%	0.11%	4.62%	5.07%	-4.83%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	2	-1.11%	4.87%	-0.91%	5.40%	3.13%	-17.90%
KRE	SPDR S&P Region.Banking	Specialty-Financial	2	1.83%	4.60%	-3.75%	4.99%	-0.15%	-21.72%
IVV	S&P 500	Large Blend	2	-1.03%	4.53%	-1.64%	4.75%	1.90%	-16.13%
IYJ	Dow Jones US Industrial	Industrial Equities	2	-0.47%	3.61%	-0.55%	4.01%	5.43%	-48.01%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	-3.76%	4.55%	1.90%	5.63%	5.71%	-19.05%
IWV	Russell 3000 Index	All Cap Equities	2	-0.77%	5.14%	-1.26%	5.36%	2.23%	-16.70%
IWS	Russell MidCap Value	Mid-Cap Value	2	-1.40%	4.96%	-0.63%	5.36%	3.50%	-10.19%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	2	-0.54%	5.09%	-2.40%	5.39%	2.33%	-25.82%
IWB	Russell 1000 Index	Large Blend	2	-0.83%	4.96%	-1.35%	5.20%	2.16%	-16.78%
DOG	ProShares Short Dow 30	Bear Market	2	2.67%	0.78%	4.30%	0.51%	-2.49%	-62.54%
VFH	Vanguard Financials	Financials Equities	2	-0.96%	5.13%	-0.77%	5.50%	5.17%	-14.22%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	2	-0.62%	4.57%	-1.54%	4.90%	2.23%	-16.48%
VNQ	Vanguard REIT Index	Real Estate	2	-2.35%	5.01%	-0.74%	5.77%	-2.14%	-24.80%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	2	-0.98%	4.50%	-1.70%	4.79%	1.86%	-16.18%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	2	-0.96%	5.01%	-0.18%	5.54%	4.23%	-57.21%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	2	-0.98%	3.62%	3.07%	3.48%	2.02%	-12.47%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	2	-2.15%	5.06%	0.93%	5.65%	-0.34%	-23.59%
VTI	Total Stock Market VIPERs	All Cap Equities	2	-0.68%	5.24%	-1.20%	5.51%	2.31%	-16.97%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2	-3.82%	4.44%	1.44%	5.54%	5.03%	-18.93%
VV	Vanguard LargeCap	Large Cap Blend	2	-0.93%	4.80%	-1.59%	5.02%	1.86%	-17.50%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	-3.96%	5.14%	2.24%	6.17%	3.54%	-24.74%
VXUS	Vanguard Total International Stock	Global Equities	2	-3.67%	4.46%	1.47%	5.51%	4.90%	-19.16%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	2	0.66%	6.88%	-8.36%	8.47%	-1.04%	-12.47%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	-3.90%	4.50%	1.80%	5.67%	5.73%	-18.70%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	2	0.75%	2.60%	-0.49%	3.33%	3.96%	-5.59%
ACWI	iShares MSCI ACWI	Global Equities	2	-2.16%	4.64%	-0.50%	5.27%	3.29%	-16.67%
VT	Vanguard Total World Stock Index	Global Equities	2	-2.04%	4.86%	-0.19%	5.46%	3.37%	-16.78%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2	-1.43%	10.41%	-11.57%	11.75%	-5.64%	-33.78%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	2	-6.28%	6.89%	-2.71%	8.64%	-7.21%	-45.93%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	2	-7.02%	5.93%	0.35%	7.15%	4.03%	-37.10%
SCHB	Schwab U.S. Broad Market	All Cap Equities	2	-0.69%	5.25%	-1.13%	5.49%	2.37%	-58.43%

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SCHH	Schwab U.S. REIT	Real Estate	2	-2.40%	4.48%	-0.34%	5.24%	-1.81%	-61.47%
SPY	SPDR S&P 500	Large Cap Blend	2	-1.01%	4.49%	-1.65%	4.77%	1.94%	-16.13%
UUP	PowerShares DB US Dollar Bullish	Currency	2	3.10%	1.36%	0.07%	1.69%	-1.06%	-7.79%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	2	0.34%	6.19%	-5.46%	7.83%	-0.03%	-17.27%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	2	-0.84%	4.95%	-1.37%	5.18%	2.07%	-58.55%
IYF	Dow Jones US Financial Sector	Specialty-Financial	1	-1.75%	4.25%	-1.16%	4.64%	4.97%	-44.94%
ILF	iShares S&P 40 Latin America	Latin America Stock	1	-4.93%	6.02%	-5.56%	6.95%	-0.19%	-38.03%
IYR	Dow Jones US Real Estate	Real Estate	1	-2.73%	4.24%	-0.64%	5.11%	-1.96%	-23.81%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-2.29%	2.29%	0.69%	2.68%	-1.03%	-23.79%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	-0.85%	1.36%	-0.10%	1.80%	0.20%	-10.76%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	1	-0.47%	4.71%	-3.33%	4.91%	-1.16%	-27.01%
EWJ	iShares Japan Index	Japan Stock	1	-3.75%	2.90%	0.50%	3.71%	4.13%	-23.83%
ICF	Cohen & Steers Realty	Real Estate	1	-2.67%	3.98%	-0.62%	4.89%	-2.53%	-54.34%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	1	0.72%	6.93%	-13.87%	8.52%	-5.27%	-19.35%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	1	-1.79%	3.40%	-1.83%	3.65%	3.26%	-7.53%
IVW	S&P 500/BARRA Growth	Large Growth	1	-0.47%	4.71%	-3.46%	4.89%	-1.48%	-27.65%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.24%	0.86%	1.10%	0.76%	0.87%	-0.74%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	1	-1.98%	3.49%	-2.04%	3.68%	3.11%	-10.71%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	1	-4.54%	3.00%	2.44%	3.68%	4.67%	-21.52%
IYZ	Down Jones US Telecom	Commun. Equities	1	-3.26%	4.46%	-1.06%	4.37%	-2.61%	-35.93%
PKW	PowerShares Buyback Achievers	All Cap Equities	1	-2.19%	3.54%	-1.04%	3.71%	5.65%	-9.56%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	1	9.28%	-3.33%	5.31%	-5.42%	5.36%	-27.94%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	1	4.87%	-1.07%	3.45%	-2.16%	4.07%	-10.05%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	-1.81%	3.68%	-1.14%	4.24%	3.30%	-7.97%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	-2.14%	4.27%	-2.50%	4.38%	1.78%	-17.22%
XLF	Financial Select Sector *	Financial Equities	1	-1.71%	3.91%	-1.30%	4.18%	5.10%	-13.98%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	1	-0.58%	4.64%	-3.55%	4.84%	-1.56%	-27.71%
MOO	VanEck Vectors Agribusiness	Commodity Producers	1	-1.94%	4.34%	-2.59%	4.80%	0.92%	-16.96%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	1	-1.62%	3.31%	-2.02%	3.50%	2.91%	-15.23%
XLI	Industrial Select Sector *	Industrial Equities	1	0.17%	2.32%	-0.85%	2.73%	6.48%	-5.82%
SPYG	S&P 500 Growth	Large Cap Growth	1	-0.51%	4.71%	-3.50%	4.87%	-1.50%	-27.68%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	1	-1.76%	3.69%	-1.60%	3.69%	0.57%	-24.19%
VAW	Vanguard Materials VIPERS	Materials	1	-2.97%	4.38%	-1.14%	5.12%	4.79%	-10.32%
EWC	iShares Canada Index	Foreign Large Cap Equi	0	-3.90%	3.79%	-3.33%	4.58%	0.30%	-15.81%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-1.48%	1.20%	-0.65%	1.17%	0.04%	-13.87%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	0	-1.92%	2.78%	-2.03%	3.03%	2.80%	-8.91%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-1.30%	1.60%	-0.41%	1.58%	0.24%	-11.05%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	0	-3.04%	2.54%	-1.38%	2.97%	2.61%	-7.80%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-1.65%	0.95%	-0.34%	1.32%	-1.67%	-19.42%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	0	-4.81%	2.90%	-0.40%	3.70%	3.27%	-22.10%
EWA	iShares Australia Index	Asia Pacific Equities	0	-6.63%	4.52%	-1.56%	5.08%	4.50%	-14.68%
IWD	Russell 1000 Value	Large Value	0	-2.28%	2.18%	-2.30%	2.41%	2.39%	-8.91%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	-2.26%	1.75%	-1.12%	1.68%	-0.98%	-71.83%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.02%	0.32%	0.42%	0.32%	0.31%	-0.98%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-2.21%	1.03%	0.04%	1.43%	-1.26%	-18.92%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-1.32%	1.82%	-0.28%	1.77%	0.24%	-12.33%
XLB	Materials Select Sector *	Materials	0	-3.61%	3.09%	-2.66%	3.82%	3.56%	-10.99%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-1.17%	-0.12%	-0.48%	0.00%	-0.83%	-9.63%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	0	-7.00%	2.32%	0.00%	3.79%	1.15%	-30.22%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.76%	-0.20%	-0.39%	-0.07%	-0.89%	-6.56%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	0	-5.12%	1.32%	1.75%	1.99%	-1.16%	-32.26%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-1.18%	0.16%	-0.19%	0.29%	-0.42%	-9.42%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.81%	-0.22%	-0.36%	-0.10%	-0.83%	-7.35%
BNDX	Vanguard Total International Bond	Total Bond Market	0	-1.38%	0.90%	-2.50%	1.29%	-1.80%	-18.88%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	0	-7.27%	2.00%	1.65%	3.25%	3.47%	-33.05%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	-0.53%	-0.53%	-0.53%	-0.45%	-83.14%
RWX	SPDR DJ Wil Intern. RE	Real Estate	0	-4.86%	1.42%	0.74%	1.72%	-0.99%	-36.84%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.82%	-0.21%	-0.41%	-0.10%	-0.92%	-6.84%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	0	-5.45%	1.59%	0.26%	1.98%	-1.16%	-35.28%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	-2.32%	1.43%	-1.32%	1.34%	-0.71%	-16.13%
EDV	Vanguard Extended Duration Treasury	Government Bonds	0	-5.11%	3.06%	-4.08%	4.41%	-5.73%	-51.51%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	0	-2.73%	2.82%	-2.55%	1.91%	3.51%	-7.92%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-1.19%	0.06%	-0.21%	0.19%	-0.57%	-9.11%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-1.94%	0.47%	-1.15%	0.64%	-0.13%	-12.40%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-1	-1.94%	0.47%	-1.93%	0.77%	-3.04%	-18.03%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1	-4.37%	1.61%	-3.27%	2.75%	-4.76%	-40.37%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-1	-2.70%	0.41%	-3.42%	0.49%	1.05%	-6.23%
FXB	CurrencyShares British Pound	Currency	-1	-3.13%	-0.25%	-1.65%	-0.41%	0.93%	-20.49%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-1	-5.02%	0.40%	-0.90%	0.71%	6.40%	-16.02%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	-4.16%	0.93%	-2.58%	1.77%	-3.61%	-36.12%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	-2.66%	-0.60%	0.79%	-0.94%	2.60%	-18.76%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	-0.47%	0.32%	-2.62%	0.39%	-3.48%	-11.19%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	-2.53%	0.25%	-1.20%	0.72%	-1.74%	-18.34%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1	-2.89%	0.01%	-1.65%	0.39%	-1.95%	-20.94%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	-4.71%	1.22%	-2.76%	2.19%	-3.27%	-37.01%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	-2.48%	0.26%	-1.19%	0.68%	-1.72%	-19.17%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-1	-5.78%	1.46%	0.46%	0.57%	1.96%	-52.03%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-1	-3.39%	0.68%	-2.19%	1.30%	0.51%	-25.82%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-1	-6.83%	1.95%	-0.47%	3.21%	-0.08%	-28.78%
VTV	Vanguard Value	Large Cap Value	-1	-2.06%	0.23%	-3.44%	0.46%	2.30%	-6.49%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	-3.40%	0.88%	-2.32%	1.38%	0.56%	-27.30%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-1	-2.27%	-0.12%	-3.70%	0.10%	2.36%	-9.84%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-1	-5.83%	1.37%	-0.77%	2.23%	3.72%	-31.78%
DVY	iShares Select Dividend Index	Large Cap Value	-1	-2.02%	0.89%	-2.42%	1.54%	1.54%	-7.33%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-1	-7.81%	1.95%	-0.53%	3.38%	0.57%	-32.40%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	-2.49%	0.16%	-1.20%	0.40%	2.81%	-14.79%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-1	-1.50%	0.37%	-3.52%	0.84%	2.11%	-11.08%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	-7.39%	2.14%	-0.83%	2.76%	3.45%	-18.53%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	-2.44%	-0.38%	-1.78%	-0.14%	-2.19%	-17.57%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	-5.14%	1.06%	-2.72%	2.11%	-2.36%	-31.56%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	-2.95%	0.58%	-1.12%	0.95%	-1.08%	-19.47%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-1	-1.70%	0.38%	-3.62%	0.74%	1.72%	-10.15%
PZA	Pshares Insured National Munis	National Munis	-1	-3.67%	0.35%	-1.28%	0.61%	-0.80%	-16.13%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-1	1.38%	-3.63%	1.99%	-3.93%	-2.30%	-63.03%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	-2.12%	-0.34%	-1.43%	-0.11%	-1.80%	-14.42%
SDY	SPDR Dividend ETF	Large Value	-1	-0.80%	0.56%	-3.45%	1.32%	2.15%	-4.22%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	-2.54%	0.26%	-1.20%	0.79%	-1.70%	-19.17%
GLD	SPDR Gold Shares	Precious Metals	-1	-5.52%	0.43%	1.03%	-0.04%	2.56%	-12.54%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-1	-2.16%	1.22%	-3.01%	1.48%	2.31%	-9.69%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	-2.40%	-0.36%	-1.82%	-0.14%	-2.30%	-16.62%
IAU	iShares Gold Trust	Precious Metals	-1	-5.49%	0.41%	1.02%	-0.03%	2.60%	-12.28%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-1	-7.43%	1.88%	-1.65%	3.21%	-0.35%	-29.45%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-1	-2.75%	-0.34%	-1.85%	0.15%	1.45%	-85.83%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-1	-1.56%	-0.14%	-3.44%	0.39%	0.04%	-7.61%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-1	-4.11%	1.70%	-2.60%	2.36%	1.68%	-38.26%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-1	-0.75%	0.47%	-3.79%	1.31%	2.14%	-7.63%
MUB	iShares S&P National Muni Bond	National Munis	-1	-2.40%	-0.04%	-0.75%	0.08%	-0.26%	-10.46%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	-8.29%	1.98%	0.57%	3.44%	1.46%	-34.35%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-1	-5.08%	2.96%	-4.77%	4.62%	-6.96%	-51.92%
MCHI	iShares MSCI China	China Equities	-1	-12.60%	1.51%	5.36%	3.41%	1.16%	-49.46%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	-3.76%	0.52%	-1.94%	1.16%	-1.64%	-23.36%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-1	-2.01%	0.48%	-2.34%	0.70%	-3.72%	-18.38%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	-2.19%	0.04%	-1.43%	0.40%	-2.04%	-19.40%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	-1.84%	-0.18%	-1.09%	0.04%	-1.38%	-13.39%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-2	-4.69%	-1.28%	-2.74%	-0.45%	-0.84%	-29.00%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-2	0.46%	-1.43%	-4.09%	-0.98%	0.68%	-6.57%
SCHD	Schwab US Dividend Equity	All Cap Equities	-2	-1.45%	-0.53%	-4.67%	-0.23%	1.41%	-8.02%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-2	-2.54%	-0.10%	-3.64%	0.05%	1.43%	-5.58%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-2	-1.29%	-1.37%	-3.21%	-1.03%	2.25%	-6.88%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-2	-6.97%	1.09%	-4.18%	1.28%	3.19%	-11.53%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-2	-0.65%	-0.62%	-4.50%	-0.30%	0.09%	-7.86%
FXI	iShares China 25 Index	China Equities	-2	-13.55%	-0.79%	3.75%	1.70%	-1.47%	-47.16%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-2	-2.48%	-0.50%	-4.52%	-0.25%	1.57%	-6.15%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-2	-0.29%	-1.82%	-5.15%	-1.77%	-1.30%	-11.13%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-2	0.31%	-1.30%	-4.25%	-0.79%	0.84%	-8.77%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-2	-3.29%	1.09%	-6.86%	1.15%	-2.03%	-30.59%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	-3.30%	-0.29%	-2.62%	0.13%	-3.20%	-22.07%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-2	-2.75%	-0.52%	-3.89%	-0.11%	-0.71%	-11.09%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-2	-3.07%	-1.20%	-4.35%	-0.56%	-0.72%	-12.74%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-2	-1.73%	-1.16%	-4.91%	-0.61%	-0.18%	-11.57%
XLP	Consumer Staples Select *	Consumer Staples	-2	0.18%	-2.30%	-4.74%	-1.81%	0.18%	-9.15%
FXY	CurrencyShares Japanese Yen Trust	Currency	-2	-3.31%	-1.37%	0.29%	-2.69%	1.25%	-28.44%



Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-3	-7.57%	-2.43%	-0.86%	-1.73%	3.61%	-27.37%
JXI	iShares S&P Global Utilities	Utilities Equities	-3	-2.98%	-3.38%	-4.93%	-2.61%	-2.66%	-13.17%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-3	-0.10%	-3.47%	-5.69%	-3.00%	-0.25%	-7.83%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-3	2.50%	-4.95%	-3.39%	-5.85%	-8.89%	-47.24%
EWZ	iShares Brazil Index	Latin America Stock	-3	-6.67%	1.38%	-8.55%	2.07%	-4.74%	-41.02%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-3	-2.73%	-2.82%	-4.18%	-2.51%	-1.61%	-10.09%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-3	-1.39%	-2.92%	-4.15%	-2.16%	-0.45%	-9.94%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-3	-2.14%	-3.42%	-5.34%	-2.23%	-2.09%	-10.06%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-3	-2.48%	-3.14%	-5.23%	-2.69%	0.53%	-32.88%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-3	-3.58%	-2.24%	-5.77%	-2.24%	-0.75%	-7.29%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-4	-3.33%	-3.12%	-6.98%	-3.10%	-0.83%	-27.02%
IXC	S&P Global Energy	Energy Equities	-4	-6.36%	-0.67%	-6.34%	-1.13%	2.29%	-9.51%
BBH	VanEck Vectors Biotech	Health & Biotech	-4	-6.47%	-1.35%	-6.70%	-1.03%	1.71%	-28.39%
DBC	PowerShares DB Commodity Index	Commodities	-4	-5.19%	-2.78%	-6.35%	-3.65%	-7.16%	-22.21%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-4	-2.68%	-4.51%	-6.62%	-4.17%	-0.52%	-8.85%
IYH	Dow Jones US Healthcare	Specialty-Health	-4	-2.65%	-4.03%	-6.06%	-3.73%	-0.20%	-9.53%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-4	-5.95%	-1.78%	-5.95%	-1.74%	1.82%	-62.15%
EZA	iShares South Africa Index	Emerging Markets Equi	-4	-9.96%	-4.03%	-1.18%	-1.27%	-1.08%	-44.89%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-4	-1.97%	-7.45%	0.47%	-7.00%	29.28%	-26.97%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-4	-7.31%	-2.88%	-4.26%	-1.96%	-4.93%	-31.33%
EWM	iShares Malaysia Index	Emerging Markets Equi	-4	-7.86%	-3.23%	-3.53%	-3.02%	-0.28%	-39.27%
RWM	ProShares Short Russell2000	Inverse Equities	-4	-0.18%	-7.06%	-1.30%	-7.36%	-5.47%	-63.89%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-4	-7.57%	-1.17%	-4.42%	-0.90%	1.72%	-11.96%
VHT	Vanguard Health Care	Health & Biotech Equiti	-4	-2.69%	-3.50%	-5.92%	-3.20%	-0.29%	-10.24%
EWH	iShares Hong Kong Index	China Equities	-4	-9.30%	-4.03%	0.99%	-2.52%	-0.35%	-27.12%
XLE	Energy Select Sector *	Energy Equities	-5	-8.96%	-2.47%	-6.69%	-3.09%	2.48%	-9.90%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-5	-0.14%	4.70%	-29.86%	7.22%	-20.09%	-32.80%
IDU	Dow Jones US Utilities	Utilities Equities	-5	-2.98%	-6.01%	-6.86%	-5.10%	-5.09%	-53.61%
VDE	Vanguard Energy VIPERS	Energy Equities	-5	-8.65%	-2.45%	-7.37%	-3.06%	1.72%	-10.85%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-5	-4.05%	-2.79%	-11.60%	-3.27%	-9.67%	-24.70%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-5	-3.18%	-3.16%	-10.36%	-2.08%	-4.10%	-22.82%
GSG	iShares GSCI Commodity Index	Commodities.	-5	-6.10%	-3.91%	-6.05%	-4.99%	-8.37%	-23.42%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-5	-3.22%	-6.07%	-6.38%	-5.03%	-5.01%	-14.03%
IGE	iShares North American Natural Resources	Commodity Producers	-5	-8.62%	-1.90%	-6.84%	-2.21%	0.25%	-12.48%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-6	-8.74%	-3.05%	-8.20%	-3.68%	1.01%	-11.33%
XLU	Utilities Select Sector *	Utilities Equities	-6	-3.34%	-6.45%	-6.70%	-5.55%	-5.43%	-14.76%
PSQ	ProShares Short QQQ	Inverse Equities	-6	-1.12%	-9.93%	-1.19%	-10.05%	-3.94%	-76.20%
DJP	Bloomberg Commodity Index	Commodities	-7	-5.91%	-5.77%	-8.80%	-5.96%	-8.80%	-23.06%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-7	-2.80%	-3.34%	-19.37%	-2.25%	-11.73%	-60.58%
INDA	iShares MSCI India	Emerging Markets Equi	-7	-6.01%	-6.70%	-10.92%	-5.61%	-5.65%	-22.41%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-7.93%	-3.76%	-12.23%	-4.21%	-3.76%	-15.62%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-8	-10.35%	-4.10%	-11.73%	-4.63%	-3.06%	-16.41%
SIL	Global X Silver Miners	Commodity Producers	-9	-14.94%	-6.61%	-9.46%	-5.22%	-1.31%	-50.18%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-9	-16.64%	-5.24%	-9.09%	-4.71%	-1.39%	-38.67%

<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>
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-9	-17.37%	-5.16%	-7.39%	-4.57%	-1.12%	-42.25%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-10	-7.03%	-10.47%	-9.04%	-11.53%	-0.25%	-26.46%
SLV	iShares Silver Trust	Precious Metals	-10	-10.73%	-10.65%	-6.43%	-10.85%	1.44%	-27.30%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-10	-17.20%	-7.18%	-10.18%	-6.45%	-1.97%	-47.93%
HDGE	Ranger Equity Bear	Inverse Equities	-12	-4.07%	-17.15%	-11.39%	-17.18%	-15.11%	-78.80%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-20	-21.70%	-22.27%	-15.12%	-22.44%	-2.69%	-64.39%
UNG	U.S. Natural Gas Fund	Oil & Gas	-41	-16.11%	-44.50%	-61.33%	-42.77%	-62.08%	-90.86%