

# HV ETF Master List as of 01/05/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXI	iShares China 25 Index	China Equities	18	6.94%	27.75%	27.02%	9.96%	7.13%	-42.87%
MCHI	iShares MSCI China	China Equities	17	5.93%	25.99%	28.48%	9.41%	8.23%	-46.53%
RING	iShares MSCI Global Gold Miners Fund	Commodity Producers	15	7.10%	12.01%	31.61%	8.15%	8.02%	-34.55%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	14	0.54%	12.39%	48.52%	-6.16%	14.65%	-56.92%
EWH	iShares Hong Kong Index	China Equities	13	4.57%	20.17%	20.70%	4.62%	7.16%	-21.78%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	13	5.42%	10.23%	30.09%	6.96%	8.89%	-40.47%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	13	4.93%	12.97%	38.90%	-6.78%	41.20%	-26.80%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	12	4.22%	8.65%	29.11%	6.94%	7.45%	-31.17%
EWG	iShares Germany Index	Europe Stock	10	1.82%	6.59%	26.34%	3.96%	7.81%	-29.52%
EWK	iShares Belgium Index	Europe Stock	9	2.32%	9.18%	23.77%	0.84%	5.14%	-22.15%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	0.15%	5.81%	25.35%	3.10%	9.70%	-19.15%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	9	2.36%	9.35%	20.63%	4.51%	4.22%	-32.24%
EWP	iShares Spain Index	Europe Stock	9	2.38%	8.12%	24.00%	2.98%	7.04%	-31.29%
EWQ	iShares France Index	Europe Stock	8	0.77%	5.46%	22.14%	2.60%	8.25%	-16.00%
EWN	iShares Netherlands Index	Europe Stock	8	-1.21%	5.14%	25.78%	3.36%	6.45%	-28.43%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	8	2.22%	3.85%	18.55%	5.81%	7.04%	-16.02%
EWI	iShares Italy Index	Europe Stock	8	0.80%	3.62%	26.05%	2.93%	9.11%	-19.55%
SIL	Global X Silver Miners	Commodity Producers	8	1.83%	5.55%	19.59%	4.65%	6.10%	-44.99%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	8	1.05%	9.75%	17.05%	4.28%	2.12%	-33.82%
EZU	European Monetary Union Index	Europe Stock	8	0.77%	5.69%	24.15%	3.14%	7.86%	-21.00%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	8	3.78%	6.67%	19.92%	1.85%	8.42%	-24.72%
VGK	Vanguard European	Europe Equities	7	0.00%	4.21%	20.39%	2.25%	4.48%	-19.70%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	7	0.40%	7.07%	20.11%	0.92%	0.67%	-23.61%
SLV	iShares Silver Trust	Precious Metals	7	0.85%	7.11%	23.00%	-2.86%	10.36%	-20.78%
IEV	S&P Europe 350 Index	Europe Stock	7	0.58%	5.06%	20.48%	2.61%	5.70%	-16.66%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	6	1.11%	3.69%	19.43%	1.55%	-0.40%	-29.76%
PPLT	ETFS Physical Platinum Shares	Precious Metals	6	5.72%	2.06%	17.19%	-1.03%	12.64%	-17.73%
ITB	iShares DJ US Home Construction	Building and Constructi	6	2.36%	4.16%	16.29%	3.18%	8.77%	-24.70%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	6	1.81%	3.25%	14.38%	5.29%	6.08%	-10.38%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	6	0.54%	5.09%	17.40%	1.20%	4.33%	-22.06%
EZA	iShares South Africa Index	Emerging Markets Equi	6	0.55%	2.06%	18.97%	4.10%	2.81%	-41.89%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	0.60%	3.75%	16.90%	1.25%	3.26%	-16.51%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	-0.08%	5.65%	13.01%	3.56%	0.07%	-32.28%
PSQ	ProShares Short QQQ	Inverse Equities	5	8.00%	7.61%	1.35%	1.83%	9.38%	-73.05%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	-0.75%	3.25%	16.55%	1.09%	2.91%	-20.32%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	-0.71%	3.10%	14.42%	1.59%	1.50%	-22.15%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	-0.73%	3.33%	14.66%	1.76%	1.70%	-21.71%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	-0.19%	5.03%	12.49%	3.21%	-0.16%	-30.61%
VVO	Vanguard Emerging Markets	Emerging Markets Equi	5	-0.52%	5.58%	11.36%	3.39%	-0.69%	-28.66%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	5	0.06%	2.77%	14.85%	0.99%	-2.94%	-23.93%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	1.34%	2.36%	13.32%	3.86%	5.56%	-6.17%

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EWM	iShares Malaysia Index	Emerging Markets Equi	5	0.26%	5.37%	14.59%	-0.26%	1.46%	-37.54%
EWL	iShares Switzerland Index	Europe Stock	5	0.80%	2.24%	15.14%	2.48%	1.68%	-18.96%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	5	0.38%	2.56%	14.90%	0.71%	-4.94%	-33.11%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	-1.68%	5.08%	13.73%	1.08%	1.44%	-19.86%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	5	1.28%	4.92%	10.26%	3.55%	-0.64%	-29.22%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	5	-0.66%	3.51%	16.83%	1.20%	3.34%	-19.12%
EWU	iShares United Kingdom Index	Europe Stock	5	-1.81%	3.99%	15.34%	1.04%	2.48%	-18.22%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	0.47%	5.58%	13.95%	1.59%	3.46%	-32.21%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	5	0.34%	8.28%	8.85%	4.03%	-1.94%	-37.18%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	0.19%	2.06%	11.54%	2.26%	1.71%	-8.44%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	4	0.00%	3.30%	12.51%	1.35%	-3.93%	-35.68%
IYZ	Down Jones US Telecom	Commun. Equities	4	0.57%	1.99%	10.07%	2.81%	-6.50%	-36.89%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	4	-2.22%	1.73%	15.44%	1.06%	1.99%	-25.71%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	0.09%	4.10%	9.85%	1.39%	1.97%	-85.65%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	4	-2.37%	2.88%	12.75%	1.34%	-0.28%	-38.87%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	4	-1.44%	7.93%	7.80%	2.04%	-4.35%	-28.52%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	-0.35%	2.13%	15.13%	0.09%	0.43%	-28.52%
EWW	iShares Mexico Index	Latin America Stock	4	-0.65%	-1.69%	14.11%	5.62%	7.03%	-9.35%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	4	0.83%	-0.52%	16.99%	0.09%	8.25%	-53.31%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	4	0.13%	2.16%	14.07%	1.09%	9.56%	-15.71%
EWD	iShares Sweden Index	Europe Stock	4	-2.37%	-0.45%	19.04%	1.73%	1.38%	-33.41%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4	-0.40%	1.06%	13.97%	1.09%	1.17%	-20.27%
FXY	CurrencyShares Japanese Yen Trust	Currency	4	2.52%	5.85%	10.29%	-1.59%	1.88%	-27.63%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	-1.58%	1.46%	14.65%	0.91%	1.16%	-20.74%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	-0.44%	4.00%	9.37%	1.49%	-2.61%	-28.06%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	4	-1.20%	2.74%	13.84%	1.58%	0.90%	-21.98%
GLD	SPDR Gold Shares	Precious Metals	4	2.43%	4.31%	10.08%	0.52%	2.97%	-12.05%
VXUS	Vanguard Total International Stock	Global Equities	4	-1.15%	2.64%	13.69%	1.51%	0.62%	-22.22%
IAU	iShares Gold Trust	Precious Metals	4	2.50%	4.38%	10.20%	0.58%	3.08%	-11.75%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	3	-1.59%	0.94%	9.97%	2.84%	1.87%	-24.45%
RWX	SPDR DJ Wil Intern. RE	Real Estate	3	-0.92%	1.17%	13.57%	0.04%	-5.10%	-37.88%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	3	-0.74%	2.28%	9.34%	-0.08%	2.57%	-15.20%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-0.03%	-0.57%	13.19%	0.32%	-1.83%	-28.38%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	3	-4.23%	5.05%	7.60%	2.68%	-2.85%	-31.18%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	3	-0.65%	2.73%	8.19%	0.08%	0.52%	-7.70%
PZA	Pshares Insured National Munis	National Munis	3	-0.09%	4.61%	4.33%	1.79%	0.31%	-15.15%
XLI	Industrial Select Sector *	Industrial Equities	3	-1.67%	-1.38%	13.37%	0.01%	4.80%	-8.31%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	3	-1.06%	-2.35%	16.13%	0.94%	-3.36%	-40.75%
EDV	Vanguard Extended Duration Treasury	Government Bonds	3	-8.31%	7.78%	5.63%	5.02%	-8.07%	-51.23%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	3	0.50%	0.23%	9.46%	3.05%	3.63%	-27.95%
RPV	Guggenheim S&P 500 Pure Value	Large Value	3	0.64%	0.12%	9.13%	3.35%	2.21%	-8.67%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	2	-2.58%	2.45%	5.43%	1.35%	-2.11%	-23.21%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	2	-0.08%	0.08%	8.03%	0.85%	1.39%	-5.90%
PKW	PowerShares Buyback Achievers	All Cap Equities	2	-0.95%	-1.83%	9.38%	0.76%	3.42%	-12.13%

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SCHD	Schwab US Dividend Equity	All Cap Equities	2	-0.98%	-1.28%	9.56%	0.26%	1.88%	-7.57%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	2	-9.21%	8.18%	4.51%	5.61%	-9.29%	-51.46%
KIE	SPDR S&P Insurance	Specialty-Financial	2	-0.82%	-0.51%	6.95%	0.66%	4.99%	-56.07%
DVY	iShares Select Dividend Index	Large Cap Value	2	-1.16%	-0.57%	9.31%	0.40%	0.11%	-8.37%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	2	-0.90%	-0.62%	7.47%	0.82%	0.18%	-7.21%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	-0.42%	-0.09%	2.53%	4.92%	-4.03%	-24.18%
JXI	iShares S&P Global Utilities	Utilities Equities	2	-2.88%	0.56%	12.26%	-0.96%	-2.32%	-11.71%
RWM	ProShares Short Russell2000	Inverse Equities	2	3.43%	6.23%	-2.37%	0.49%	1.58%	-60.83%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	-0.26%	0.20%	3.36%	4.58%	-2.34%	-22.89%
XME	SPDR S&P Metals & Mining	Commodity Producers	2	-3.82%	-0.26%	9.26%	1.59%	1.18%	-23.16%
IYJ	Dow Jones US Industrial	Industrial Equities	2	-1.91%	-1.52%	11.30%	0.21%	2.29%	-49.91%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	-1.71%	2.04%	8.73%	0.74%	-0.94%	-27.76%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	-2.93%	0.16%	10.12%	-0.71%	-1.50%	-25.41%
HDV	iShares Core High Dividend	Large Cap Value Equiti	2	-0.94%	-0.19%	8.42%	0.21%	1.49%	-4.97%
BLV	Vanguard Long Term Bond	Long-Term Bond	2	-4.42%	4.83%	5.90%	2.80%	-4.16%	-36.64%
VIS	Vanguard Industrials	industrials Equities	2	-2.17%	-2.35%	11.30%	0.07%	3.65%	-11.92%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2	-1.57%	2.21%	8.24%	0.87%	-0.68%	-26.13%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	2	-1.88%	0.05%	8.56%	-0.51%	1.74%	-11.61%
EWA	iShares Australia Index	Asia Pacific Equities	2	-4.18%	-0.45%	10.65%	0.00%	-1.21%	-18.81%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2	-1.87%	-1.48%	9.46%	0.17%	2.09%	-5.76%
HDGE	Ranger Equity Bear	Inverse Equities	2	4.27%	5.64%	-2.91%	1.04%	1.73%	-74.13%
VTV	Vanguard Value	Large Cap Value	2	-1.82%	-1.22%	9.46%	0.04%	1.89%	-6.88%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	-5.40%	5.12%	3.91%	3.74%	-6.01%	-39.80%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	-3.06%	4.13%	4.68%	2.94%	-4.09%	-35.38%
FPE	First Trust Preferred Securities and Income	Preferred Stock	2	0.76%	1.42%	4.56%	2.32%	-1.63%	-17.16%
FXE	CurrencyShares Euro Currency Trust	Currency	2	-0.31%	3.24%	7.67%	-1.72%	1.92%	-19.40%
IVE	S&P 500/BARRA Value	Large Value	2	-1.52%	-0.79%	9.62%	0.67%	1.54%	-8.19%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	2	-1.01%	-1.10%	9.19%	0.45%	1.21%	-10.61%
XLU	Utilities Select Sector *	Utilities Equities	2	-2.25%	1.09%	10.37%	-1.28%	-2.20%	-10.91%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	2	-1.80%	2.10%	8.48%	-0.18%	-1.70%	-28.81%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	2	-2.43%	-0.62%	11.35%	0.57%	-2.33%	-27.19%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2	-0.66%	1.42%	7.99%	0.93%	4.68%	-5.04%
XLF	Financial Select Sector *	Financial Equities	2	-0.03%	-2.73%	9.73%	1.20%	2.56%	-16.44%
VPU	Vanguard Utilities VIPERS	Utilities Equities	2	-2.35%	0.79%	10.18%	-1.22%	-2.15%	-10.58%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	2	-0.85%	-0.25%	9.88%	0.73%	-0.83%	-10.34%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	-2.23%	0.78%	8.83%	-0.64%	0.39%	-8.54%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	1	-3.43%	-1.71%	7.91%	-0.23%	1.23%	-12.85%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	-0.76%	0.31%	3.47%	1.24%	-2.29%	-71.95%
IYM	Dow Jones US Basic Mat's	Materials	1	-4.10%	-2.14%	10.82%	0.59%	-0.93%	-18.52%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	1	-3.89%	0.28%	7.43%	-1.31%	0.81%	-6.22%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	1	-3.00%	-1.32%	8.57%	0.40%	6.17%	-61.33%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	-1.29%	1.19%	1.91%	0.97%	-2.23%	-18.94%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.62%	0.49%	1.84%	0.38%	-1.48%	-13.10%
IYH	Dow Jones US Healthcare	Specialty-Health	1	-3.24%	0.33%	8.04%	-0.87%	2.82%	-6.84%

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IYG	Dow Jones US Financial Serv's	Specialty-Financial	1	-0.69%	-4.77%	8.80%	1.09%	0.29%	-21.77%
EWJ	iShares Japan Index	Japan Stock	1	-3.01%	-0.82%	8.66%	-1.86%	-1.46%	-27.91%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	-0.48%	-0.28%	2.53%	0.76%	-0.96%	-11.76%
IDU	Dow Jones US Utilities	Utilities Equities	1	-2.76%	0.38%	9.12%	-1.38%	-2.29%	-51.80%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	-1.47%	1.03%	2.45%	1.41%	-2.79%	-21.07%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-0.69%	0.43%	1.85%	0.52%	-1.67%	-13.88%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	-3.24%	0.42%	9.18%	-0.67%	2.42%	-31.49%
FXB	CurrencyShares British Pound	Currency	1	-2.56%	1.69%	5.34%	-1.45%	-0.81%	-21.31%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	1	-1.51%	-2.24%	8.25%	0.80%	1.30%	-41.28%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	1	-1.65%	-2.30%	7.56%	0.36%	-0.05%	-10.47%
IWD	Russell 1000 Value	Large Value	1	-1.57%	-1.44%	8.32%	0.41%	0.24%	-10.70%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	-0.76%	0.38%	3.81%	1.14%	-1.54%	-16.30%
VOX	Vanguard Telecom Serv's	Communication Equitie	1	0.15%	0.82%	1.22%	2.91%	-9.92%	-43.82%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-0.92%	0.47%	1.81%	0.69%	-2.12%	-15.93%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-2.22%	2.85%	2.32%	1.17%	-3.37%	-24.91%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	-1.47%	1.43%	2.99%	1.03%	-2.14%	-18.97%
SH	Short S&P 500 ProShares ETF	Inverse Equities	1	3.92%	3.86%	-4.09%	0.81%	2.66%	-61.20%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	-2.36%	-2.38%	8.13%	0.53%	-0.57%	-11.24%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	-0.36%	-0.05%	3.02%	0.83%	-0.68%	-14.16%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	-0.41%	0.00%	2.82%	0.95%	-1.02%	-13.04%
VT	Vanguard Total World Stock Index	Global Equities	1	-2.94%	-1.38%	7.52%	0.24%	-2.26%	-20.90%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	-0.46%	0.76%	4.29%	0.88%	-0.08%	-12.20%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	-1.70%	1.30%	1.61%	0.92%	-3.06%	-19.74%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1	-3.36%	-0.81%	7.09%	-0.28%	-0.23%	-11.28%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	1	1.15%	-0.72%	3.06%	-0.58%	3.04%	-52.57%
VAW	Vanguard Materials VIPERS	Materials	1	-4.49%	-2.45%	10.11%	0.26%	-0.57%	-14.46%
SDY	SPDR Dividend ETF	Large Value	1	-2.93%	-1.70%	8.39%	0.02%	1.20%	-5.44%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	-1.29%	1.61%	4.32%	0.92%	-1.62%	-19.50%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	-1.41%	1.48%	2.97%	0.99%	-2.10%	-18.92%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.36%	0.43%	1.85%	0.08%	-0.87%	-9.61%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	-3.59%	-0.32%	6.98%	-0.84%	0.09%	-8.81%
VFH	Vanguard Financials	Financials Equities	1	-0.85%	-4.44%	7.60%	0.97%	1.11%	-17.91%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.89%	0.48%	1.89%	0.68%	-1.97%	-16.89%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	-3.55%	-0.27%	7.21%	-0.88%	2.15%	-8.09%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	-3.36%	-1.68%	8.68%	-0.73%	0.61%	-12.47%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	-3.05%	-3.34%	7.83%	1.06%	-2.23%	-19.85%
BBH	VanEck Vectors Biotech	Health & Biotech	1	-4.44%	-2.67%	9.04%	0.39%	4.85%	-27.36%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1	-1.22%	1.05%	3.03%	0.96%	-2.00%	-20.49%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.92%	2.07%	3.29%	0.96%	-2.62%	-19.29%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	1	-0.38%	-0.66%	2.48%	3.05%	-4.01%	-21.90%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	-1.37%	1.49%	2.98%	1.06%	-2.07%	-18.06%
RSP	Guggenheim S&P Equal Weight	Large Blend	1	-2.29%	-1.98%	8.18%	0.41%	-0.24%	-13.62%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	1	-1.57%	-0.82%	7.69%	0.02%	1.40%	-5.60%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	1	-2.01%	-2.12%	7.53%	0.20%	-0.19%	-11.41%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IYF	Dow Jones US Financial Sector	Specialty-Financial	1	-0.35%	-3.58%	8.65%	1.07%	1.96%	-46.81%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	1	-3.24%	0.88%	6.24%	-0.40%	0.80%	-6.02%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	1	-2.73%	-2.38%	9.54%	-0.64%	1.97%	-10.51%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	1	-2.66%	-1.74%	8.73%	-0.40%	0.56%	-11.17%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	1	-2.67%	-2.33%	7.74%	-0.54%	0.41%	-9.12%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	-3.82%	-0.26%	7.77%	-1.05%	2.75%	-5.88%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	1	-3.50%	-2.09%	8.64%	-0.22%	0.53%	-9.03%
XLP	Consumer Staples Select *	Consumer Staples	1	-3.49%	0.29%	7.33%	-0.99%	0.21%	-8.39%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.23%	2.38%	2.92%	0.65%	0.43%	-9.95%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	1	-2.84%	-0.41%	6.76%	0.18%	-0.85%	-12.09%
ACWI	iShares MSCI ACWI	Global Equities	1	-3.03%	-1.37%	7.35%	0.26%	-2.16%	-20.64%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.16%	0.02%	0.52%	0.07%	-0.96%	-7.19%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	0	-3.58%	-1.60%	7.49%	-1.96%	-2.21%	-9.81%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.10%	-1.33%	1.32%	1.07%	-0.80%	-11.40%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.25%	0.35%	1.26%	0.13%	-1.00%	-9.51%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.18%	-0.06%	0.41%	0.05%	-1.10%	-6.44%
FXO	1st Trust Financials AlphaDEX	Financial Equities	0	-2.01%	-5.12%	6.35%	0.93%	0.23%	-14.96%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	0	1.62%	-5.95%	3.14%	1.94%	-3.65%	-30.53%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.44%	0.40%	0.64%	0.14%	0.27%	-1.35%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.03%	0.07%	0.15%	0.03%	0.04%	-1.26%
XLB	Materials Select Sector *	Materials	0	-5.00%	-3.21%	10.12%	0.03%	-0.90%	-14.25%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	0	-2.97%	-3.59%	6.52%	0.89%	0.45%	-11.50%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	0.00%	0.00%	-83.05%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.17%	0.00%	0.48%	0.08%	-1.06%	-6.67%
IWS	Russell MidCap Value	Mid-Cap Value	0	-2.38%	-2.80%	6.78%	0.36%	-1.75%	-14.46%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-0.37%	0.46%	1.46%	0.08%	-0.97%	-9.21%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	-0.36%	-1.41%	1.86%	0.18%	-1.47%	-15.26%
VBR	Vanguard SmallCap Value	Small Cap Value	0	-2.62%	-3.96%	5.47%	0.22%	-0.73%	-14.31%
VO	Vanguard Mid-Cap	Mid-Cap Blend	0	-3.61%	-3.82%	5.81%	-0.34%	-2.87%	-22.24%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	0	-2.33%	-3.62%	5.02%	0.15%	-2.13%	-21.20%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	0	-3.06%	-3.26%	6.38%	-0.20%	-0.79%	-14.06%
IYT	Dow Jones Transportation	Transportation Equities	0	-3.27%	-4.13%	6.12%	0.69%	-4.04%	-23.20%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	0	-3.97%	-4.06%	7.14%	-0.61%	-8.96%	-28.12%
MDY	MidCap Trust Series I	Mid-Cap Blend	0	-2.91%	-3.60%	5.50%	0.01%	-0.29%	-16.61%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	0	-2.98%	-1.92%	3.99%	0.56%	-2.04%	-37.02%
BNDX	Vanguard Total International Bond	Total Bond Market	0	-2.60%	-1.26%	1.57%	1.18%	-2.78%	-18.96%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	0	-3.22%	-3.53%	5.74%	-0.04%	-2.24%	-69.91%
IJS	S&P SmallCap 600/BARRA Value	Small Value	0	-2.51%	-4.50%	5.91%	1.02%	-1.12%	-46.76%
IJH	S&P MidCap 400	Mid-Cap Blend	0	-2.95%	-3.63%	5.51%	0.02%	-0.38%	-16.73%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	0	-4.11%	-3.08%	6.33%	-0.64%	-3.36%	-22.60%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	-2.33%	-0.21%	1.25%	0.45%	-5.19%	-18.29%
SMH	VanEck Vectors Semiconductor	Technology Equities	0	-8.57%	-5.14%	12.13%	-0.07%	-6.70%	-35.94%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	0	-3.04%	-3.04%	6.07%	-0.73%	-1.63%	-18.69%
VV	Vanguard LargeCap	Large Cap Blend	-1	-4.34%	-4.10%	3.36%	-0.81%	-4.58%	-22.08%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-1	-4.05%	-1.77%	4.36%	-0.78%	-0.99%	-8.30%
XLE	Energy Select Sector *	Energy Equities	-1	1.40%	-5.05%	3.05%	-1.76%	5.98%	-8.66%
VTI	Total Stock Market VIPERs	All Cap Equities	-1	-4.29%	-4.18%	3.32%	-0.70%	-4.39%	-21.86%
IGE	iShares North American Natural Resources	Commodity Producers	-1	0.17%	-5.31%	3.53%	-1.23%	1.78%	-11.60%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-1	-2.82%	-1.07%	0.04%	0.35%	-5.96%	-18.66%
ECH	iShares Chile Index	Latin America	-1	-3.47%	-4.94%	9.18%	-3.43%	-0.61%	-53.43%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-1	-2.63%	-4.24%	3.81%	0.00%	-0.84%	-59.46%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	-1	-3.92%	-3.60%	3.98%	-1.75%	-0.20%	-26.00%
IYR	Dow Jones US Real Estate	Real Estate	-1	-3.84%	-4.99%	6.15%	-0.40%	-9.42%	-27.80%
DOG	ProShares Short Dow 30	Bear Market	-1	2.54%	2.32%	-8.90%	0.69%	-2.99%	-62.48%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-1	-3.28%	-4.70%	5.23%	0.49%	-2.00%	-66.55%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-1	-3.09%	-5.25%	2.90%	-0.25%	-3.18%	-63.31%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-1	-3.72%	-4.16%	3.39%	-0.76%	-4.37%	-60.89%
SCHH	Schwab U.S. REIT	Real Estate	-1	-3.33%	-5.19%	5.74%	-0.62%	-9.77%	-63.62%
IWB	Russell 1000 Index	Large Blend	-1	-4.17%	-4.02%	3.44%	-0.83%	-4.39%	-21.54%
IVV	S&P 500	Large Blend	-1	-4.23%	-3.84%	3.71%	-0.80%	-4.18%	-20.57%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-1	-4.26%	-3.87%	3.70%	-0.76%	-4.23%	-20.62%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-1	-4.20%	-4.20%	3.34%	-0.80%	-4.45%	-21.84%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-1	-3.84%	-4.03%	3.39%	-0.82%	-4.51%	-60.91%
IJR	S&P Sm.Cap 600	Small Blend	-1	-3.63%	-5.52%	3.76%	0.18%	-2.52%	-21.20%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	-1	-8.07%	-5.30%	11.50%	-0.14%	-7.40%	-37.46%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	-1	-0.14%	-7.63%	0.66%	3.28%	-5.62%	-20.76%
SPY	SPDR S&P 500	Large Cap Blend	-1	-4.25%	-3.88%	3.66%	-0.80%	-4.17%	-20.58%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-1	-2.36%	-1.77%	1.49%	0.28%	-3.81%	-30.02%
VB	Vanguard SmallCap	Small Cap Blend	-1	-3.25%	-4.68%	3.37%	-0.14%	-2.81%	-23.43%
ICF	Cohen & Steers Realty	Real Estate	-1	-4.00%	-5.00%	5.99%	-0.58%	-10.21%	-56.72%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-1	-4.48%	-4.04%	3.58%	-0.87%	-4.02%	-21.07%
VNQ	Vanguard REIT Index	Real Estate	-1	-4.45%	-5.56%	5.23%	-0.39%	-10.46%	-29.18%
EWC	iShares Canada Index	Foreign Large Cap Equ	-1	-3.49%	-5.16%	5.41%	0.52%	-4.91%	-19.09%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-2	-0.10%	-1.95%	-2.68%	-2.53%	-5.09%	-14.46%
IWN	Russell 2000 Value	Small Value	-2	-3.78%	-6.30%	2.68%	0.12%	-3.89%	-21.51%
RWR	Wilshire REIT Fund	Real Estate	-2	-5.12%	-6.14%	4.67%	-0.79%	-10.56%	-29.22%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	5.39%	-5.40%	-4.49%	-3.44%	4.41%	-11.23%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-2	-7.41%	-10.38%	10.46%	-0.88%	-20.56%	-50.68%
UUP	PowerShares DB US Dollar Bullish	Currency	-2	-0.11%	-2.75%	-6.55%	1.65%	-0.85%	-7.83%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-2	-4.07%	-5.55%	0.71%	-0.49%	-5.56%	-34.74%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-2	0.18%	-6.55%	1.13%	-2.13%	4.65%	-9.90%
IXC	S&P Global Energy	Energy Equities	-2	-1.70%	-6.00%	1.74%	-2.33%	2.24%	-10.61%
IWV	Russell 3000 Index	All Cap Equities	-2	-4.29%	-4.26%	3.20%	-0.84%	-4.45%	-21.60%
IWP	Russell MidCap Growth	Mid-Cap Growth	-2	-4.65%	-4.72%	3.99%	-0.85%	-3.10%	-32.76%
VDE	Vanguard Energy VIPERS	Energy Equities	-2	0.64%	-6.59%	1.22%	-2.19%	4.57%	-10.05%
IWM	Russell 2000	Small Blend	-2	-3.96%	-6.31%	1.33%	-0.39%	-4.04%	-28.40%
INDA	iShares MSCI India	Emerging Markets Equi	-2	-4.13%	-5.57%	1.84%	-0.43%	-1.27%	-18.16%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-2	-2.81%	-2.49%	-1.91%	-0.19%	-5.32%	-11.70%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XRT	SPDR S&P Retail *	Consumer Discretionar	-2	-6.60%	-4.54%	3.24%	1.16%	-5.06%	-41.29%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-2	-2.22%	-6.02%	1.09%	-2.45%	-0.49%	-11.86%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-2	-4.09%	-3.61%	0.02%	-0.29%	-3.05%	-27.10%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-2	-4.13%	-5.97%	1.47%	-0.49%	-5.68%	-33.89%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-2	-4.57%	-6.29%	1.59%	-0.66%	-3.78%	-48.65%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-2	1.11%	-13.21%	-1.85%	4.97%	-8.06%	-25.12%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-2	-4.92%	-5.40%	3.26%	-1.30%	-5.34%	-33.24%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-2	-4.21%	-4.96%	2.91%	-0.75%	-1.97%	-73.62%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-3	-5.41%	-4.69%	0.49%	-0.53%	-1.00%	-7.91%
IGV	iShares North American Tech-Software	Technology Equities	-3	-4.12%	-5.66%	0.51%	-2.35%	-10.10%	-44.05%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-3	-5.76%	-7.25%	1.29%	-1.91%	-5.93%	-32.69%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-3	-0.18%	-11.21%	-3.30%	2.76%	-7.44%	-17.08%
IWO	Russell 2000 Growth	Small Growth	-3	-4.12%	-6.15%	0.05%	-0.94%	-4.14%	-36.87%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-3	-5.82%	-5.89%	0.02%	-1.00%	-6.63%	-21.55%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-3	-5.38%	-5.75%	-0.54%	0.00%	-1.97%	-8.49%
IYC	iShares US Consumer Services	Consumer Discretionar	-3	-5.39%	-5.24%	-1.84%	1.00%	-7.85%	-79.23%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-3	-4.50%	-7.59%	0.17%	-1.10%	-4.20%	-30.38%
VGT	Vanguard Info Technology	Technolgy Equities	-4	-7.80%	-7.35%	0.48%	-2.59%	-9.75%	-33.25%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-4	-5.87%	-7.05%	-1.28%	-0.83%	-14.57%	-31.67%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-4	10.61%	-11.40%	-10.14%	-7.02%	6.20%	-29.16%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-4	-7.03%	-7.95%	-0.45%	-0.35%	-3.17%	-21.46%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-4	-6.60%	-6.58%	-1.78%	-2.10%	-9.37%	-31.88%
IVW	S&P 500/BARRA Growth	Large Growth	-4	-6.73%	-6.71%	-2.04%	-2.14%	-9.79%	-32.50%
KBE	SPDR S&P Bank	Specialty-Financial	-4	-2.72%	-9.90%	-3.86%	-0.24%	-4.53%	-25.44%
IWF	Russell 1000 Growth	Large Growth	-4	-6.99%	-6.73%	-1.41%	-2.02%	-9.05%	-32.18%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-4	-6.70%	-6.73%	-1.99%	-2.10%	-9.79%	-32.50%
SPYG	S&P 500 Growth	Large Cap Growth	-4	-6.73%	-6.70%	-2.01%	-2.09%	-9.76%	-32.49%
XLK	Technology Select *	Technology Equities	-4	-8.00%	-7.43%	0.83%	-2.62%	-9.40%	-31.40%
VUG	Vanguard Growth	Large Cap Growth	-5	-7.14%	-7.19%	-2.71%	-1.81%	-10.96%	-35.75%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-5	-7.12%	-8.08%	-6.37%	0.23%	-12.20%	-38.27%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	0.10%	-3.79%	-14.98%	-1.00%	-5.16%	-44.52%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-5	-7.58%	-6.41%	-0.42%	-3.90%	-4.12%	-13.05%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-5	-7.42%	-7.86%	-3.49%	-2.47%	-11.27%	-67.51%
IYW	Dow Jones US Technology	Technology Equities	-5	-7.62%	-7.33%	-1.63%	-2.62%	-12.45%	-38.05%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-5	-7.53%	-7.51%	-3.79%	-1.96%	-11.86%	-36.18%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-5	-7.85%	-7.49%	-2.69%	-1.77%	-11.25%	-35.25%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-6	-1.15%	-11.70%	-7.08%	-3.14%	-0.35%	-15.10%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	-6	-7.85%	-8.93%	-8.17%	-0.09%	-14.17%	-38.97%
ILF	iShares S&P 40 Latin America	Latin America Stock	-6	-8.76%	-7.87%	-9.05%	-0.31%	-8.81%	-42.23%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-6	-0.36%	-16.74%	-9.41%	2.63%	-12.68%	-23.73%
DJP	Bloomberg Commodity Index	Commodities	-6	-3.51%	-7.57%	-7.27%	-5.40%	-11.03%	-22.60%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-6	-3.78%	-11.44%	-7.16%	-1.26%	-6.39%	-26.38%
DBC	PowerShares DB Commodity Index	Commodities	-6	-1.59%	-8.38%	-8.45%	-4.62%	-10.24%	-22.99%
GSG	iShares GSCI Commodity Index	Commodities.	-7	-0.05%	-9.81%	-10.86%	-6.45%	-12.00%	-24.60%

<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>
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-4.04%	-12.73%	-7.19%	-4.10%	-2.56%	-15.52%
EWZ	iShares Brazil Index	Latin America Stock	-8	-9.08%	-7.97%	-13.71%	-2.57%	-11.88%	-43.71%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-9	-9.23%	-12.74%	-11.89%	-4.04%	-13.40%	-25.30%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-9	-17.99%	-12.77%	-5.00%	1.17%	-18.34%	-40.05%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-11	-16.13%	-16.53%	-10.54%	-0.38%	-12.44%	-59.82%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-18	-5.36%	-34.57%	-31.10%	-0.15%	-29.29%	-37.42%
UNG	U.S. Natural Gas Fund	Oil & Gas	-34	-34.47%	-39.84%	-48.09%	-15.18%	-50.35%	-86.46%