

HV ETF Master List as of 05/04/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	32	8.72%	67.11%	37.42%	13.38%	37.01%	-47.95%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	21	3.96%	34.56%	19.57%	24.50%	26.62%	-24.66%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	20	3.66%	33.77%	19.93%	24.53%	25.99%	-19.85%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	16	1.50%	29.61%	16.58%	17.76%	20.88%	-34.46%
SLV	iShares Silver Trust	Precious Metals	15	4.59%	29.83%	18.63%	8.72%	19.91%	-11.33%
ITB	iShares DJ US Home Construction	Building and Constructi	13	9.72%	10.17%	7.58%	22.94%	19.20%	-10.28%
EWL	iShares Switzerland Index	Europe Stock	11	4.91%	12.88%	8.90%	15.57%	13.58%	-8.60%
SIL	Global X Silver Miners	Commodity Producers	10	-2.12%	20.78%	10.00%	9.76%	12.52%	-42.30%
IAU	iShares Gold Trust	Precious Metals	9	2.13%	11.99%	10.12%	12.34%	12.96%	-1.42%
GLD	SPDR Gold Shares	Precious Metals	9	2.12%	11.89%	10.06%	12.26%	12.88%	-1.78%
IYW	Dow Jones US Technology	Technology Equities	9	-1.02%	8.11%	5.70%	22.26%	10.34%	-22.22%
EWV	iShares Mexico Index	Latin America Stock	9	3.31%	3.73%	7.99%	22.49%	14.96%	-0.83%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	1.02%	6.46%	5.09%	17.98%	16.32%	-7.48%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	8	-0.59%	8.03%	4.80%	18.74%	7.80%	-21.74%
EWQ	iShares France Index	Europe Stock	8	1.78%	6.93%	5.97%	17.36%	15.70%	-3.91%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	8	0.30%	9.04%	5.01%	18.67%	7.68%	-22.75%
EWD	iShares Sweden Index	Europe Stock	7	4.25%	6.93%	2.64%	13.15%	11.36%	-25.94%
VGT	Vanguard Info Technology	Technolgy Equities	7	-0.96%	5.99%	3.53%	17.79%	8.25%	-19.28%
XLK	Technology Select *	Technology Equities	7	-1.03%	6.76%	4.62%	18.56%	9.08%	-16.48%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	7	-0.18%	7.57%	3.98%	16.63%	6.83%	-61.15%
EWG	iShares Germany Index	Europe Stock	7	1.75%	5.63%	3.38%	17.59%	15.92%	-20.29%
IEV	S&P Europe 350 Index	Europe Stock	7	1.60%	6.70%	4.08%	13.65%	12.65%	-7.69%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	7	7.91%	3.85%	0.96%	15.35%	10.18%	-19.35%
HDGE	Ranger Equity Bear	Inverse Equities	7	4.92%	9.82%	16.08%	-4.35%	1.87%	-75.51%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	7	1.95%	7.95%	4.79%	13.96%	11.61%	-16.23%
EWI	iShares Italy Index	Europe Stock	6	1.07%	4.17%	2.36%	15.85%	15.07%	-9.46%
VUG	Vanguard Growth	Large Cap Growth	6	-0.16%	6.97%	3.03%	15.88%	6.01%	-24.17%
PPLT	ETFS Physical Platinum Shares	Precious Metals	6	3.91%	10.77%	9.86%	-2.28%	7.81%	-18.76%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	6	3.93%	1.49%	4.78%	12.27%	-10.08%	-29.64%
RWM	ProShares Short Russell2000	Inverse Equities	6	2.44%	6.01%	11.34%	2.60%	5.52%	-60.01%
EZU	European Monetary Union Index	Europe Stock	6	0.88%	5.45%	3.52%	16.11%	14.39%	-11.06%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	6	1.98%	5.96%	4.69%	12.74%	4.74%	-13.50%
VGK	Vanguard European	Europe Equities	6	1.71%	5.88%	3.38%	12.95%	11.86%	-11.30%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	6	3.69%	1.48%	4.73%	12.40%	6.87%	-2.49%
IWF	Russell 1000 Growth	Large Growth	5	-0.35%	6.14%	2.66%	12.99%	5.29%	-21.79%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	5	1.73%	7.10%	5.75%	3.54%	4.59%	-4.78%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	1.07%	2.09%	1.46%	15.59%	11.46%	-8.26%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	5	-0.21%	0.94%	3.19%	16.21%	10.79%	-2.99%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	5	1.34%	4.66%	2.25%	10.43%	9.65%	-12.95%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5	2.84%	8.60%	4.08%	6.16%	6.53%	-84.98%
JXI	iShares S&P Global Utilities	Utilities Equities	5	-0.08%	8.66%	7.06%	3.62%	4.09%	-7.62%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	5	1.46%	5.80%	3.60%	9.53%	7.78%	-17.50%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	3.48%	-1.16%	4.23%	11.45%	6.80%	-2.82%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	5	1.21%	4.93%	2.58%	10.92%	10.13%	-11.35%
EWP	iShares Spain Index	Europe Stock	5	-2.23%	2.83%	3.17%	15.84%	13.84%	-22.71%
VOX	Vanguard Telecom Serv's	Communication Equities	5	-3.13%	6.40%	0.56%	15.49%	4.75%	-36.95%
EWU	iShares United Kingdom Index	Europe Stock	4	0.76%	4.78%	2.52%	8.64%	8.59%	-12.06%
SMH	VanEch Vectors Semiconductor	Technology Equities	4	-3.48%	0.82%	-1.84%	20.04%	8.71%	-23.04%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	4	9.25%	6.67%	-2.45%	1.18%	1.68%	-51.73%
XLP	Consumer Staples Select *	Consumer Staples	4	1.47%	7.01%	5.77%	2.58%	4.19%	-5.09%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	4	1.46%	7.20%	5.38%	1.02%	3.60%	-4.02%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	4	1.14%	1.86%	2.10%	10.36%	1.35%	-10.94%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	0.22%	1.61%	1.41%	13.89%	2.07%	-18.75%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	4	0.95%	6.55%	3.99%	4.26%	4.01%	-8.51%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	4	1.09%	1.92%	1.99%	10.33%	-1.24%	-18.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	4	-1.16%	5.22%	1.79%	8.36%	2.07%	-25.29%
SCHF	Schwab International Equity	Foreign Large Cap Equi	4	1.20%	4.61%	1.64%	9.90%	8.19%	-13.32%
FXB	CurrencyShares British Pound	Currency	4	0.99%	5.31%	3.76%	4.00%	5.27%	-16.97%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	1.15%	4.13%	1.12%	9.24%	7.86%	-14.19%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	4	0.76%	2.26%	1.59%	11.04%	8.17%	-1.75%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	4	1.45%	6.00%	4.80%	2.17%	3.51%	-3.60%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3	1.93%	2.39%	-0.35%	6.80%	6.63%	-23.72%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	3	-1.01%	3.72%	1.12%	6.43%	4.25%	-12.83%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	3	-0.26%	2.75%	-3.68%	11.61%	-0.36%	-31.27%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	3	0.00%	5.32%	1.40%	3.30%	3.52%	-26.33%
IVW	S&P 500/BARRA Growth	Large Growth	3	-1.20%	5.11%	1.77%	8.29%	2.03%	-25.30%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	3	-0.95%	3.57%	0.25%	7.48%	4.01%	-16.28%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	3	2.06%	1.57%	-0.62%	8.68%	7.81%	-24.83%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	0.61%	3.90%	0.43%	8.03%	6.78%	-17.21%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	3	-0.46%	3.35%	-3.76%	11.70%	-1.15%	-31.76%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	0.86%	2.42%	-0.50%	7.50%	5.50%	-23.25%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	3	-0.12%	4.33%	2.26%	4.12%	2.35%	-18.00%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	3	0.14%	4.23%	2.60%	3.51%	2.07%	-13.57%
ACWI	iShares MSCI ACWI	Global Equities	3	-0.54%	3.73%	-0.12%	6.94%	4.02%	-15.35%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	0.07%	8.29%	3.26%	1.40%	4.24%	-30.06%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3	0.20%	4.32%	2.73%	3.71%	2.27%	-14.40%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	3	-1.11%	4.78%	1.39%	7.91%	1.90%	-24.91%
VEU	Vanguard FTSE All-World ex-US	Global Equities	3	0.56%	3.73%	0.13%	7.60%	6.12%	-17.36%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	0.41%	4.13%	0.37%	8.07%	6.83%	-16.86%
EWN	iShares Netherlands Index	Europe Stock	3	-1.09%	3.36%	-1.31%	11.60%	9.43%	-22.72%
EWK	iShares Belgium Index	Europe Stock	3	-0.05%	4.78%	1.87%	6.42%	9.60%	-17.84%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	3	0.34%	4.21%	2.76%	3.61%	2.42%	-11.23%
EWJ	iShares Japan Index	Japan Stock	3	1.61%	2.21%	1.64%	7.90%	6.85%	-20.75%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	3	-0.25%	4.88%	2.87%	4.65%	2.26%	-18.55%
IGV	iShares North American Tech-Software	Technology Equities	3	-4.05%	2.77%	-0.35%	12.40%	4.19%	-35.60%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VXUS	Vanguard Total International Stock	Global Equities	3	0.61%	3.70%	0.25%	7.73%	6.20%	-17.45%
FXE	CurrencyShares Euro Currency Trust	Currency	3	0.86%	4.18%	2.65%	2.94%	5.67%	-15.58%
SPYG	S&P 500 Growth	Large Cap Growth	3	-1.19%	5.11%	1.74%	8.31%	2.04%	-25.31%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	3	0.24%	3.76%	3.55%	2.73%	2.70%	-9.84%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	0.09%	3.13%	1.80%	2.69%	1.70%	-11.09%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	2	0.41%	0.79%	-0.85%	7.20%	7.05%	-11.61%
PIN	PowerShares India Portfolio	Emerging Markets Equit	2	2.53%	3.22%	2.04%	0.94%	-6.12%	-59.29%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	2	-0.34%	3.43%	2.04%	3.48%	1.76%	-16.93%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	0.69%	1.90%	0.40%	6.65%	4.12%	-24.40%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	1.30%	4.82%	2.58%	0.75%	1.43%	-6.89%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	2	-1.06%	2.90%	-0.67%	5.40%	2.02%	-16.08%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	2	1.00%	4.88%	-3.44%	7.22%	4.44%	-37.06%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	2	-1.23%	3.48%	0.41%	3.36%	1.32%	-21.69%
IYC	iShares US Consumer Services	Consumer Discretionary	2	-0.73%	2.83%	-3.70%	10.24%	0.74%	-77.33%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	2	-1.30%	4.72%	-0.85%	5.05%	4.81%	-29.90%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	2	2.61%	3.63%	2.10%	1.21%	-0.43%	-20.23%
BNDX	Vanguard Total International Bond	Total Bond Market	2	0.06%	2.53%	1.18%	3.39%	0.92%	-17.19%
BSV	Vanguard Short Term Bond	Total Bond Market	2	0.29%	2.74%	1.77%	2.24%	1.66%	-7.60%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	2	0.49%	1.78%	-0.02%	7.43%	8.12%	-17.26%
IVV	S&P 500	Large Blend	2	-1.01%	3.42%	-0.54%	5.90%	2.34%	-15.21%
EWC	iShares Canada Index	Foreign Large Cap Equi	2	0.00%	3.36%	-1.65%	5.41%	1.60%	-15.15%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	2.90%	0.17%	0.84%	5.42%	-1.44%	-38.91%
INDA	iShares MSCI India	Emerging Markets Equit	2	3.28%	4.22%	2.46%	-1.15%	-0.62%	-18.75%
BLV	Vanguard Long Term Bond	Long-Term Bond	2	-2.24%	3.68%	0.45%	4.97%	1.07%	-35.30%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	2	-4.03%	-1.70%	-4.34%	16.64%	6.00%	-26.95%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	2	-0.61%	3.61%	0.93%	3.55%	1.94%	-17.40%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	-0.47%	3.13%	1.14%	3.11%	1.40%	-17.30%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	2	-1.02%	2.98%	-0.97%	5.74%	2.01%	-58.33%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	-0.47%	3.10%	1.13%	3.07%	1.38%	-16.43%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	-0.50%	3.15%	1.22%	3.10%	1.44%	-17.22%
BAB	PowerShares Build America Bond Portfolio	National Munis	2	-0.48%	3.04%	1.65%	5.45%	2.57%	-21.74%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	2	-1.01%	3.42%	-0.53%	5.92%	2.31%	-15.28%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	0.88%	2.29%	-1.06%	5.64%	4.62%	-20.64%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	-3.03%	3.11%	0.65%	5.71%	0.37%	-38.66%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bond	2	-0.78%	3.45%	1.96%	3.49%	0.75%	-16.11%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	2	1.05%	2.18%	-0.62%	7.01%	4.61%	-22.53%
VT	Vanguard Total World Stock Index	Global Equities	2	-0.41%	2.93%	-0.89%	6.28%	3.42%	-16.14%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	2	0.04%	2.56%	2.13%	2.76%	0.27%	-9.09%
VV	Vanguard LargeCap	Large Cap Blend	2	-0.99%	3.42%	-0.52%	6.11%	2.29%	-16.64%
SPY	SPDR S&P 500	Large Cap Blend	2	-0.99%	3.47%	-0.48%	5.94%	2.40%	-15.19%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	2	-1.03%	3.27%	1.79%	3.34%	1.05%	-15.94%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	-1.89%	4.44%	1.66%	5.56%	1.75%	-33.73%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	1	0.48%	2.83%	-2.45%	2.20%	-0.44%	-25.28%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.89%	1.68%	0.00%	1.75%	1.45%	-8.96%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EDV	Vanguard Extended Duration Treasury	Government Bonds	1	-4.17%	2.52%	-0.25%	6.99%	-0.26%	-50.31%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1	-1.06%	4.08%	1.01%	0.90%	1.12%	-10.23%
IDU	Dow Jones US Utilities	Utilities Equities	1	-1.44%	4.75%	3.32%	-2.18%	-1.22%	-52.19%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	-0.36%	2.95%	-0.48%	1.35%	1.68%	-10.63%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	-0.43%	5.86%	0.78%	-1.62%	1.13%	-8.77%
ECH	iShares Chile Index	Latin America	1	3.64%	-1.55%	-1.96%	5.20%	5.19%	-49.26%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.14%	2.08%	0.87%	1.74%	1.26%	-8.11%
IYH	Dow Jones US Healthcare	Specialty-Health	1	-0.72%	6.17%	1.43%	-1.57%	1.72%	-7.50%
DOG	ProShares Short Dow 30	Bear Market	1	1.54%	-2.32%	2.16%	0.96%	-0.84%	-62.38%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	1	-0.57%	5.12%	-1.59%	-0.75%	0.90%	-61.77%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.34%	2.26%	0.24%	2.83%	1.08%	-17.79%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	-2.36%	3.46%	-0.48%	3.94%	0.74%	-30.34%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.10%	2.03%	1.36%	1.50%	1.03%	-5.85%
XLU	Utilities Select Sector *	Utilities Equities	1	-1.75%	4.80%	3.31%	-2.71%	-1.40%	-12.20%
SCHB	Schwab U.S. Broad Market	All Cap Equities	1	-1.13%	2.19%	-1.83%	5.09%	1.40%	-58.59%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	1	-1.15%	2.14%	-1.83%	5.06%	1.32%	-17.23%
VTI	Total Stock Market VIPERs	All Cap Equities	1	-1.09%	2.24%	-1.79%	5.12%	1.35%	-17.28%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	1	1.76%	2.96%	-3.86%	3.63%	3.61%	-32.81%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	1	-2.56%	-0.39%	-3.10%	8.91%	-3.91%	-35.46%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.08%	1.96%	1.24%	1.35%	0.86%	-5.49%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	1	0.93%	2.45%	-0.22%	1.43%	1.52%	-7.52%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.07%	2.03%	1.39%	1.53%	1.00%	-5.06%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	-0.84%	5.86%	0.88%	-2.54%	0.96%	-7.30%
IWV	Russell 3000 Index	All Cap Equities	1	-1.16%	2.23%	-1.78%	5.02%	1.31%	-16.97%
IWB	Russell 1000 Index	Large Blend	1	-1.14%	2.75%	-1.23%	5.48%	1.79%	-16.56%
RWX	SPDR DJ Wil Intern. RE	Real Estate	1	1.65%	3.29%	-3.43%	0.97%	0.90%	-37.30%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	-0.51%	2.21%	0.24%	2.60%	0.59%	-18.41%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	0.20%	2.26%	1.08%	1.92%	1.40%	-7.55%
PZA	Pshares Insured National Munis	National Munis	1	-1.17%	2.38%	-0.25%	3.31%	2.12%	-13.88%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	-0.61%	4.37%	1.12%	-1.31%	0.53%	-9.16%
IVE	S&P 500/BARRA Value	Large Value	0	-0.85%	1.50%	-3.03%	3.25%	2.17%	-6.08%
EWZ	iShares Brazil Index	Latin America Stock	0	2.14%	-0.14%	-0.50%	-1.07%	-6.17%	-42.84%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	-0.64%	1.27%	-1.33%	0.99%	-0.47%	-16.42%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	0	-5.02%	1.39%	-1.30%	6.30%	-1.80%	-51.14%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	-0.24%	5.09%	-1.45%	-2.56%	0.24%	-10.14%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	-0.77%	1.24%	-1.37%	1.31%	-0.59%	-71.93%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	0	-0.90%	2.33%	-3.38%	3.47%	1.62%	-30.43%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	0	1.49%	2.81%	-3.72%	0.80%	0.15%	-36.03%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.03%	0.20%	0.13%	0.29%	0.21%	-1.01%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.86%	1.64%	-0.52%	1.34%	0.62%	-11.79%
VPU	Vanguard Utilities VIPERS	Utilities Equities	0	-2.05%	4.06%	2.47%	-2.98%	-1.80%	-12.17%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	0	-1.07%	2.55%	-1.71%	0.00%	1.15%	-9.93%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	-1.32%	2.18%	-4.21%	2.56%	0.80%	-32.94%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	-1.09%	1.12%	-1.59%	0.66%	0.29%	-27.82%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	0	-1.08%	1.24%	-1.44%	0.79%	0.36%	-26.19%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	0	-1.16%	1.73%	-3.38%	2.67%	0.60%	-29.16%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	0	1.00%	2.62%	-4.55%	0.57%	0.26%	-33.21%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	0	-2.34%	1.62%	0.87%	-1.96%	-1.60%	-9.81%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.26%	-0.71%	-0.45%	0.00%	-0.04%	-1.49%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.35%	0.31%	-1.34%	0.69%	-0.47%	-11.82%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	0	-2.64%	1.85%	-4.89%	4.07%	0.70%	-37.16%
EZA	iShares South Africa Index	Emerging Markets Equit	0	-1.22%	4.95%	-4.16%	-1.06%	0.18%	-44.77%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.34%	-0.67%	-1.52%	1.27%	-0.38%	-11.23%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	0	-1.25%	0.85%	-2.46%	1.82%	1.23%	-38.58%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.63%	0.24%	-1.30%	0.34%	-0.57%	-14.57%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.53%	0.29%	-1.41%	0.83%	-0.49%	-13.15%
RSX	Market Vectors Russia	Emerging Markets Equit	0	0.00%	0.00%	0.00%	-0.53%	-0.31%	-83.14%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	0	-1.50%	1.59%	-3.70%	2.32%	0.03%	-30.06%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	0	-0.47%	-1.10%	-3.09%	3.39%	-0.50%	-27.22%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	0	0.51%	-1.31%	-3.78%	4.58%	0.98%	-34.51%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	0	0.59%	0.00%	-5.48%	4.49%	-2.86%	-28.00%
FXY	CurrencyShares Japanese Yen Trust	Currency	-1	-1.80%	1.39%	-2.00%	-2.38%	1.63%	-28.21%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-1	0.63%	-0.41%	-6.54%	1.03%	-2.02%	-26.93%
IWP	Russell MidCap Growth	Mid-Cap Growth	-1	-1.27%	-1.36%	-4.48%	4.93%	0.69%	-28.84%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	-0.14%	-2.91%	-0.68%	-0.40%	-3.09%	-9.68%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-1	-0.94%	-2.23%	-6.48%	4.28%	-1.46%	-31.61%
VIS	Vanguard Industrials	industrials Equities	-1	1.06%	-2.94%	-3.82%	1.46%	1.24%	-10.69%
IYT	Dow Jones Transportation	Transportation Equities	-1	0.80%	-2.41%	-5.27%	4.85%	-0.04%	-20.03%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	-2.18%	2.09%	-5.33%	2.33%	1.32%	-35.05%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	-1.63%	0.76%	-5.50%	1.68%	1.92%	-19.38%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	-1	-0.33%	0.07%	-3.57%	1.58%	2.98%	-23.10%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-1	-1.91%	0.06%	-4.03%	0.75%	-0.38%	-10.12%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-1	-1.55%	1.02%	-2.77%	-1.12%	-0.60%	-11.81%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-1	-1.22%	-1.58%	-4.34%	1.79%	-1.47%	-28.97%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-1	-1.94%	-2.04%	-5.61%	3.59%	-0.91%	-29.94%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	-1	-1.68%	0.52%	-2.26%	-1.33%	-1.99%	-30.89%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	-1.91%	2.37%	-3.58%	-1.66%	0.22%	-16.54%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	-3.96%	3.49%	-2.49%	-0.70%	0.14%	-28.14%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-1	-1.28%	2.87%	-0.84%	-2.80%	-0.08%	-8.55%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	-1	0.00%	-2.38%	-7.33%	4.73%	0.89%	-23.06%
IYM	Dow Jones US Basic Mat's	Materials	-2	-2.34%	-3.69%	-5.22%	1.96%	0.28%	-17.41%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-2	-2.97%	1.93%	-4.72%	-0.84%	1.65%	-17.31%
XLB	Materials Select Sector *	Materials	-2	-1.62%	-1.93%	-4.15%	0.85%	-0.05%	-13.54%
EWA	iShares Australia Index	Asia Pacific Equities	-2	-1.86%	0.04%	-6.67%	1.93%	0.71%	-17.24%
FXI	iShares China 25 Index	China Equities	-2	-3.38%	3.32%	-8.77%	0.00%	0.07%	-48.04%
VTV	Vanguard Value	Large Cap Value	-2	-1.94%	-0.26%	-4.28%	-2.93%	-1.59%	-9.64%
EWH	iShares Hong Kong Index	China Equities	-2	-1.29%	0.44%	-5.50%	-1.90%	1.64%	-26.65%
VAW	Vanguard Materials VIPERS	Materials	-2	-1.86%	-3.00%	-5.09%	0.85%	-0.36%	-13.96%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-2	1.46%	-3.48%	0.79%	-4.87%	-2.30%	-63.39%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-2	-2.13%	-0.95%	-5.18%	-1.19%	-1.76%	-12.63%
XLI	Industrial Select Sector *	Industrial Equities	-2	0.27%	-2.83%	-3.34%	-0.18%	0.96%	-8.49%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	3.00%	-4.06%	-1.66%	-6.13%	-1.84%	-13.70%
IWD	Russell 1000 Value	Large Value	-2	-1.91%	-0.59%	-5.10%	-1.40%	-1.69%	-12.30%
SDY	SPDR Dividend ETF	Large Value	-2	-0.84%	-0.55%	-4.11%	-2.57%	-2.07%	-7.90%
IWO	Russell 2000 Growth	Small Growth	-2	-0.54%	-3.17%	-6.23%	2.46%	-2.30%	-34.71%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-2	-0.94%	-2.70%	-4.95%	1.46%	-1.19%	-73.04%
RWR	Wilshire REIT Fund	Real Estate	-2	0.45%	-1.61%	-7.53%	1.40%	-3.02%	-27.66%
EWM	iShares Malaysia Index	Emerging Markets Equit	-2	-1.26%	2.19%	-4.14%	-3.77%	-0.50%	-39.73%
IYJ	Dow Jones US Industrial	Industrial Equities	-2	-0.07%	-2.39%	-4.62%	0.79%	0.42%	-49.62%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	-3	-0.53%	0.67%	-6.50%	-4.48%	-0.12%	-29.40%
SCHH	Schwab U.S. REIT	Real Estate	-3	-0.83%	-1.54%	-8.10%	-0.57%	-4.35%	-63.60%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-3	-3.23%	-2.98%	-3.00%	-1.02%	1.84%	-53.83%
MCHI	iShares MSCI China	China Equities	-3	-4.77%	1.48%	-10.10%	-0.29%	-0.21%	-51.27%
RSP	Guggenheim S&P Equal Weight	Large Blend	-3	-1.70%	-1.98%	-6.54%	-0.42%	-1.71%	-14.34%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-3	-3.51%	1.39%	-4.96%	-6.85%	-5.61%	-15.73%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-3	-1.71%	-2.84%	-7.14%	-0.13%	-2.58%	-22.07%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-3	-1.62%	-3.05%	-7.28%	0.06%	-2.40%	-69.88%
VNQ	Vanguard REIT Index	Real Estate	-3	-0.92%	-2.33%	-8.95%	-1.03%	-5.29%	-29.64%
ICF	Cohen & Steers Realty	Real Estate	-3	-1.32%	-1.40%	-8.28%	-0.80%	-4.77%	-56.82%
IYR	Dow Jones US Real Estate	Real Estate	-3	-0.56%	-1.34%	-8.09%	-0.52%	-4.40%	-27.89%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-3	-1.82%	-0.94%	-5.22%	-2.59%	-2.08%	-13.32%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-3	-2.77%	0.50%	-2.70%	-5.35%	-3.17%	-28.71%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-4	-2.13%	-4.86%	-9.15%	0.39%	-4.32%	-33.31%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-4	-1.15%	-5.00%	-7.08%	-3.25%	-5.76%	-23.34%
MDY	MidCap Trust Series I	Mid-Cap Blend	-4	-1.49%	-4.57%	-8.38%	-0.64%	-2.73%	-17.15%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-4	-2.36%	-3.21%	-7.78%	-2.92%	-3.69%	-16.40%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-4	-2.88%	-1.44%	-5.49%	-4.93%	-3.37%	-10.56%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-4	-1.42%	-4.28%	-8.39%	-0.49%	-3.19%	-21.71%
PKW	PowerShares Buyback Achievers	All Cap Equities	-4	-1.83%	-3.28%	-7.85%	-3.37%	-2.75%	-15.73%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-0.76%	-4.55%	-1.99%	-8.85%	-9.44%	-48.92%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-4	-1.46%	-3.71%	-8.48%	-3.40%	-4.09%	-14.71%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-4	-4.37%	-0.58%	-4.15%	-5.22%	-3.47%	-10.12%
IWS	Russell MidCap Value	Mid-Cap Value	-4	-1.81%	-4.03%	-8.79%	-2.51%	-4.05%	-16.90%
IJH	S&P MidCap 400	Mid-Cap Blend	-4	-1.44%	-4.64%	-8.45%	-0.67%	-2.81%	-17.30%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-4	-3.27%	-3.48%	-5.83%	-3.63%	-5.86%	-33.88%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-5	-1.74%	-4.26%	-7.93%	-4.94%	-4.34%	-13.14%
DJP	Bloomberg Commodity Index	Commodities	-5	-4.59%	-1.81%	-5.57%	-9.91%	-9.05%	-26.29%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-5	-2.23%	-5.78%	-10.11%	-1.48%	-4.94%	-63.76%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-5	-3.67%	-2.99%	-7.83%	-5.80%	-3.74%	-16.31%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-5	-2.53%	-6.08%	-9.90%	-3.44%	-6.31%	-50.09%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-5	-3.57%	-3.00%	-8.18%	-7.07%	-6.10%	-17.28%
IWM	Russell 2000	Small Blend	-5	-2.01%	-6.07%	-10.28%	-2.27%	-5.99%	-29.75%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VB	Vanguard SmallCap	Small Cap Blend	-5	-1.92%	-5.35%	-9.62%	-1.24%	-4.42%	-24.28%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-5	-3.82%	-3.21%	-8.64%	-4.57%	-4.46%	-14.55%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-5	-4.09%	-3.99%	-7.82%	-4.12%	-3.20%	-16.25%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-5	-4.20%	-4.03%	-8.76%	-3.32%	-5.07%	-23.33%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-5	5.46%	-8.17%	-3.85%	-13.20%	-5.55%	-33.87%
KIE	SPDR S&P Insurance	Specialty-Financial	-5	-0.91%	-3.92%	-9.43%	-4.27%	-2.77%	-58.22%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-5	-4.78%	-3.31%	-5.50%	-8.08%	-10.48%	-28.45%
IXC	S&P Global Energy	Energy Equities	-6	-6.34%	-4.53%	-7.05%	-6.39%	-4.66%	-14.32%
SCHD	Schwab US Dividend Equity	All Cap Equities	-6	-4.30%	-4.15%	-8.25%	-7.57%	-5.78%	-14.79%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-6	-2.02%	-6.88%	-12.04%	-3.04%	-4.64%	-43.51%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-6	-3.88%	-3.49%	-7.91%	-7.68%	-6.81%	-15.04%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-6	-2.63%	-6.06%	-10.79%	-4.74%	-6.12%	-61.38%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-6	-3.25%	-7.03%	-8.65%	-4.29%	-5.19%	-19.04%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-6	-1.23%	-6.13%	-8.03%	-6.98%	-5.89%	-15.95%
DBC	PowerShares DB Commodity Index	Commodities	-6	-6.18%	-3.37%	-5.67%	-8.19%	-8.13%	-25.88%
IYZ	Down Jones US Telecom	Commun. Equities	-6	-6.16%	-3.94%	-7.89%	-4.24%	-7.41%	-41.22%
VBR	Vanguard SmallCap Value	Small Cap Value	-7	-2.70%	-7.60%	-11.94%	-5.08%	-6.59%	-18.83%
XLF	Financial Select Sector *	Financial Equities	-7	-1.38%	-5.93%	-13.25%	-7.75%	-7.07%	-23.83%
PSQ	ProShares Short QQQ	Inverse Equities	-7	1.06%	-7.58%	-4.38%	-15.56%	-8.10%	-77.65%
IGE	iShares North American Natural Resources	Commodity Producers	-7	-6.15%	-4.33%	-8.16%	-7.60%	-5.83%	-17.30%
DVY	iShares Select Dividend Index	Large Cap Value	-7	-5.20%	-4.75%	-9.11%	-7.31%	-6.63%	-15.40%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	-7	-5.63%	-7.51%	-10.82%	-3.93%	-8.30%	-27.18%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-7	-1.98%	-3.68%	-17.03%	-3.96%	-11.72%	-52.21%
IJR	S&P Sm.Cap 600	Small Blend	-7	-3.22%	-7.60%	-11.85%	-3.70%	-6.61%	-24.25%
XRT	SPDR S&P Retail *	Consumer Discretionary	-7	-3.40%	-7.73%	-14.52%	-1.70%	-7.04%	-42.95%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-7	-5.31%	-4.51%	-9.20%	-7.41%	-6.41%	-13.60%
IWN	Russell 2000 Value	Small Value	-8	-3.55%	-9.07%	-14.34%	-7.02%	-9.71%	-27.11%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	-8	-6.23%	-8.30%	-12.80%	-3.13%	-9.23%	-29.99%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-8	-2.45%	-7.09%	-14.32%	-8.69%	-8.43%	-51.95%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-8	-3.83%	-9.05%	-13.82%	-3.93%	-6.86%	-49.37%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-8	-5.68%	-5.73%	-10.35%	-9.32%	-7.57%	-14.42%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-8	-2.63%	-10.23%	-13.57%	-7.50%	-8.89%	-25.11%
XLE	Energy Select Sector *	Energy Equities	-9	-8.08%	-6.68%	-10.02%	-10.70%	-7.35%	-16.97%
GSG	iShares GSCI Commodity Index	Commodities.	-9	-8.83%	-5.62%	-8.43%	-11.45%	-10.75%	-28.63%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-9	-4.43%	-8.19%	-15.54%	-8.12%	-8.97%	-19.88%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-9	-6.49%	-9.70%	-13.46%	-4.93%	-9.76%	-29.90%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-9	-2.63%	-8.54%	-16.42%	-8.30%	-9.36%	-29.04%
VFH	Vanguard Financials	Financials Equities	-9	-3.11%	-8.61%	-15.99%	-9.77%	-9.86%	-26.63%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-9	-4.44%	-9.93%	-13.61%	-6.26%	-8.49%	-68.79%
VDE	Vanguard Energy VIPERS	Energy Equities	-10	-8.33%	-7.64%	-10.76%	-11.43%	-8.61%	-18.55%
XME	SPDR S&P Metals & Mining	Commodity Producers	-10	-8.02%	-13.03%	-14.39%	-5.16%	-7.46%	-28.26%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-10	-8.43%	-7.64%	-10.63%	-11.90%	-9.16%	-18.89%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	-11	-9.46%	-18.61%	2.14%	-18.81%	-1.08%	-36.25%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-12	-8.74%	-11.01%	-13.49%	-16.33%	-15.63%	-26.29%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-12	-10.09%	-9.97%	-12.52%	-15.05%	-13.92%	-25.54%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-18	-8.98%	-17.57%	-26.09%	-18.09%	-18.37%	-30.98%
KBE	SPDR S&P Bank	Specialty-Financial	-25	-11.90%	-25.22%	-35.25%	-29.35%	-29.87%	-47.19%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-25	-10.24%	-25.12%	-36.02%	-28.32%	-28.68%	-51.16%
UNG	U.S. Natural Gas Fund	Oil & Gas	-29	-4.68%	-25.85%	-26.83%	-56.67%	-63.44%	-93.08%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-32	-15.36%	-31.95%	-42.84%	-38.58%	-38.19%	-54.20%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-41	-1.89%	-53.19%	-55.76%	-51.21%	-47.80%	-57.68%