

# HV ETF Master List as of 06/01/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	25	20.27%	16.09%	21.26%	44.38%	29.14%	-7.44%
IYW	Dow Jones US Technology	Technology Equities	23	14.41%	13.24%	23.68%	39.87%	25.24%	-11.02%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	23	19.47%	14.66%	17.44%	39.35%	25.60%	-12.73%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	19	11.34%	10.68%	20.28%	32.20%	19.49%	-12.87%
XLK	Technology Select *	Technology Equities	19	12.48%	11.32%	20.08%	33.36%	21.80%	-6.06%
VGT	Vanguard Info Technology	Technolgy Equities	18	11.95%	10.87%	18.65%	31.86%	20.46%	-9.64%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	17	9.94%	9.74%	18.26%	28.22%	17.18%	-57.29%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	17	9.46%	9.78%	19.35%	29.89%	17.57%	-15.44%
IGV	iShares North American Tech-Software	Technology Equities	17	14.08%	9.46%	17.24%	28.22%	18.70%	-26.53%
VUG	Vanguard Growth	Large Cap Growth	15	8.65%	8.47%	16.22%	25.90%	15.10%	-17.62%
IWF	Russell 1000 Growth	Large Growth	13	7.95%	7.57%	14.57%	21.98%	13.50%	-15.57%
VOX	Vanguard Telecom Serv's	Communication Equitie	13	8.11%	4.72%	15.02%	24.85%	13.31%	-31.84%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	12	7.50%	11.46%	9.09%	20.83%	13.32%	-0.34%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	12	7.39%	11.61%	8.98%	20.57%	-0.84%	-24.44%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	11	7.37%	11.11%	6.12%	19.66%	12.94%	-0.41%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	10	6.33%	5.84%	9.89%	18.77%	6.28%	-27.44%
ITB	iShares DJ US Home Construction	Building and Constructi	10	-0.43%	9.25%	9.70%	22.41%	15.82%	-10.67%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	5.72%	4.54%	10.77%	14.08%	8.31%	-20.62%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	6.05%	4.81%	11.58%	14.91%	8.85%	-20.77%
SPYG	S&P 500 Growth	Large Cap Growth	9	6.05%	4.79%	11.47%	14.86%	8.81%	-20.79%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	9	5.28%	6.34%	10.43%	12.89%	9.66%	-33.74%
IVW	S&P 500/BARRA Growth	Large Growth	9	6.05%	4.77%	11.47%	14.84%	8.81%	-20.79%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	8	6.61%	3.88%	6.19%	16.11%	4.05%	-31.19%
EWZ	iShares Brazil Index	Latin America Stock	8	7.41%	9.71%	7.25%	6.26%	1.36%	-38.61%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	8	4.78%	4.50%	7.66%	16.94%	5.35%	-27.98%
VV	Vanguard LargeCap	Large Cap Blend	7	4.34%	3.31%	7.92%	10.72%	6.81%	-13.02%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	7	0.37%	8.31%	4.24%	15.78%	9.42%	-19.04%
ILF	iShares S&P 40 Latin America	Latin America Stock	7	4.64%	7.68%	4.82%	10.31%	2.97%	-36.08%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	7	4.69%	3.70%	8.43%	12.52%	8.59%	-12.35%
EWJ	iShares Japan Index	Japan Stock	7	3.56%	5.22%	5.85%	11.74%	9.70%	-17.93%
IYC	iShares US Consumer Services	Consumer Discretionar	7	3.52%	2.77%	6.45%	14.12%	4.75%	-76.54%
EWV	iShares Mexico Index	Latin America Stock	7	-0.68%	2.61%	3.03%	21.66%	11.07%	-4.70%
IVV	S&P 500	Large Blend	6	4.15%	3.10%	7.71%	10.29%	6.63%	-11.69%
IWB	Russell 1000 Index	Large Blend	6	4.17%	2.98%	7.03%	9.87%	6.16%	-13.08%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	6	4.15%	3.09%	7.71%	10.31%	6.60%	-11.77%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6	4.20%	3.02%	6.49%	9.51%	5.83%	-56.85%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	6	4.14%	2.94%	6.37%	9.41%	5.70%	-13.80%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	6	1.31%	10.68%	8.07%	2.51%	3.59%	-51.10%
SPY	SPDR S&P 500	Large Cap Blend	6	4.12%	3.09%	7.73%	10.30%	6.65%	-11.70%
IWV	Russell 3000 Index	All Cap Equities	6	4.09%	2.88%	6.41%	9.31%	5.64%	-13.58%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6	4.27%	3.21%	7.38%	10.25%	6.47%	-56.55%

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VTI	Total Stock Market VIPERs	All Cap Equities	6	4.11%	2.98%	6.45%	9.45%	5.70%	-13.88%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	3.29%	2.19%	6.28%	8.87%	5.45%	-13.32%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	2.86%	1.82%	6.69%	9.48%	6.77%	-10.33%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	-1.11%	0.82%	6.75%	12.69%	8.98%	-17.16%
ACWI	iShares MSCI ACWI	Global Equities	5	2.14%	1.59%	5.94%	9.22%	5.98%	-13.54%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	0.26%	1.33%	2.36%	15.89%	9.56%	-8.02%
EWN	iShares Netherlands Index	Europe Stock	5	1.95%	0.83%	5.37%	13.78%	9.93%	-21.22%
PIN	PowerShares India Portfolio	Emerging Markets Equi	5	2.93%	5.53%	6.24%	3.90%	-1.86%	-58.10%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4	-2.17%	-1.17%	4.15%	15.43%	10.94%	-9.48%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	4	0.87%	2.02%	2.75%	11.32%	2.34%	-10.17%
IWP	Russell MidCap Growth	Mid-Cap Growth	4	3.51%	2.19%	2.10%	8.61%	4.40%	-26.35%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	0.16%	0.38%	1.77%	14.07%	2.38%	-18.62%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	4	-0.63%	-0.83%	0.31%	15.48%	8.15%	-3.60%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	4	-10.31%	-7.03%	19.98%	11.69%	10.22%	-28.12%
VT	Vanguard Total World Stock Index	Global Equities	4	1.99%	1.57%	4.98%	8.39%	5.32%	-14.47%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	3.35%	2.38%	1.04%	7.77%	2.51%	-29.32%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	4	0.81%	1.90%	2.74%	11.22%	0.35%	-17.34%
EWL	iShares Switzerland Index	Europe Stock	4	-3.67%	1.06%	8.74%	11.33%	8.00%	-11.96%
EWG	iShares Germany Index	Europe Stock	4	-2.24%	-0.52%	3.27%	14.96%	10.63%	-22.07%
INDA	iShares MSCI India	Emerging Markets Equi	4	2.08%	5.43%	6.39%	0.91%	1.88%	-17.05%
ECH	iShares Chile Index	Latin America	3	1.54%	5.24%	-0.03%	6.83%	5.68%	-48.48%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	3	1.28%	3.93%	4.96%	2.51%	1.25%	-19.21%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	3	4.43%	2.21%	-0.65%	4.84%	0.82%	-30.35%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	3	-8.29%	-6.91%	18.86%	7.99%	8.79%	-39.89%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	3	-1.50%	-0.31%	3.36%	9.26%	7.08%	-12.68%
EZU	European Monetary Union Index	Europe Stock	3	-2.36%	-1.50%	2.97%	13.38%	9.35%	-13.16%
IAU	iShares Gold Trust	Precious Metals	3	-3.53%	-1.47%	8.04%	8.38%	7.64%	-4.90%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	3	-11.40%	-7.89%	19.22%	10.30%	9.32%	-33.25%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	3	-0.57%	0.19%	1.68%	10.42%	6.18%	-2.74%
GLD	SPDR Gold Shares	Precious Metals	3	-3.51%	-1.46%	7.97%	8.32%	7.59%	-5.22%
IWO	Russell 2000 Growth	Small Growth	3	3.33%	2.77%	0.05%	5.87%	1.60%	-32.53%
IEV	S&P Europe 350 Index	Europe Stock	3	-2.78%	-1.22%	3.73%	10.49%	7.71%	-10.26%
SCHF	Schwab International Equity	Foreign Large Cap Equ	3	-1.16%	0.03%	3.40%	8.63%	5.95%	-14.32%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	3	3.57%	1.56%	1.45%	7.29%	3.22%	-27.44%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3	1.21%	2.09%	3.52%	6.92%	5.46%	-19.68%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	3	-1.64%	0.30%	4.22%	10.89%	2.94%	-14.92%
IVE	S&P 500/BARRA Value	Large Value	3	1.97%	1.11%	3.50%	5.28%	3.82%	-4.23%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	2	1.70%	1.22%	0.58%	5.15%	1.38%	-25.99%
EWI	iShares Italy Index	Europe Stock	2	-2.66%	-1.62%	1.40%	12.77%	9.18%	-11.87%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	-1.12%	-0.51%	2.74%	6.82%	4.85%	-18.14%
EWQ	iShares France Index	Europe Stock	2	-3.94%	-2.23%	2.72%	12.74%	8.72%	-7.69%
EWSP	iShares Spain Index	Europe Stock	2	-1.71%	-3.91%	1.06%	13.85%	9.60%	-24.03%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	2	0.29%	0.53%	4.06%	3.03%	2.77%	-9.58%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	-1.16%	-0.02%	2.93%	7.98%	5.67%	-15.18%

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SLV	iShares Silver Trust	Precious Metals	2	-8.31%	-4.11%	19.03%	-0.32%	7.67%	-18.70%
FXB	CurrencyShares British Pound	Currency	2	-0.46%	0.53%	4.83%	3.52%	4.31%	-17.34%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	-1.57%	-0.25%	3.01%	8.70%	6.66%	-14.32%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	-1.14%	-0.74%	2.94%	6.84%	4.84%	-17.81%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	2	2.35%	1.10%	0.74%	4.18%	1.35%	-27.30%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2	-0.93%	-0.37%	2.77%	6.60%	4.53%	-18.12%
VXUS	Vanguard Total International Stock	Global Equities	2	-1.06%	-0.45%	2.61%	6.59%	4.50%	-18.33%
VGK	Vanguard European	Europe Equities	2	-2.70%	-1.04%	3.03%	9.90%	7.22%	-13.70%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	-0.50%	0.19%	1.39%	6.12%	3.34%	-24.78%
UUP	PowerShares DB US Dollar Bullish	Currency	1	2.06%	1.91%	-0.91%	1.65%	-0.90%	-7.83%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	1	0.17%	-0.74%	2.50%	3.64%	2.01%	-30.32%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	0.39%	0.03%	3.35%	1.75%	2.05%	-10.28%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	1	-1.10%	-0.06%	1.06%	5.84%	3.29%	-23.38%
IYT	Dow Jones Transportation	Transportation Equities	1	0.68%	1.49%	-1.74%	5.56%	1.35%	-19.48%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	1	-1.37%	-0.97%	-0.59%	5.73%	4.52%	-12.82%
VIS	Vanguard Industrials	industrials Equities	1	0.65%	1.72%	-2.31%	2.12%	1.72%	-10.11%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	1	-17.42%	-10.22%	38.00%	-6.37%	9.57%	-57.02%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	1	-1.98%	-1.13%	0.39%	5.37%	3.15%	-24.77%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1	-2.80%	-1.38%	2.84%	6.47%	4.48%	-19.81%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	0.35%	-0.51%	1.99%	1.69%	1.13%	-11.49%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	1	2.63%	5.71%	-1.53%	-3.66%	-0.16%	-11.43%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	1	5.36%	-1.21%	-3.39%	2.06%	-2.79%	-26.24%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	1	1.54%	-0.40%	1.60%	2.30%	1.26%	-8.73%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	1	-2.25%	-1.32%	4.15%	1.92%	1.58%	-10.57%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	1	0.00%	-1.32%	2.18%	2.56%	1.14%	-32.94%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.22%	-0.16%	2.30%	3.16%	1.06%	-17.38%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	-2.13%	-2.37%	2.65%	2.42%	0.56%	-20.28%
EWU	iShares United Kingdom Index	Europe Stock	0	-3.00%	-2.27%	1.64%	5.38%	4.40%	-14.70%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	0	-0.11%	-1.35%	0.74%	1.71%	1.50%	-38.64%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	0	0.87%	-2.13%	2.82%	0.03%	1.75%	-16.59%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.85%	-0.81%	1.69%	1.88%	-0.10%	-9.87%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	-0.75%	-1.90%	0.97%	1.90%	0.33%	-29.69%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	-1.38%	-1.87%	1.73%	1.68%	0.41%	-18.36%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	-1.26%	-2.47%	2.17%	2.06%	0.53%	-22.67%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	-0.22%	-0.86%	1.05%	0.77%	-0.26%	-16.60%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	0.10%	-0.25%	0.41%	0.80%	-0.13%	-11.73%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	-1.95%	-2.42%	1.03%	3.38%	0.96%	-23.27%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	-0.29%	-1.06%	0.95%	1.02%	-0.38%	-72.01%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.36%	0.62%	-0.36%	0.36%	0.26%	-1.14%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-1.02%	-0.82%	1.21%	0.88%	0.45%	-8.49%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0	1.11%	-0.59%	1.64%	-0.24%	0.09%	-30.12%
IYJ	Dow Jones US Industrial	Industrial Equities	0	0.71%	0.64%	-1.70%	1.50%	1.21%	-49.26%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	-1.36%	-1.82%	1.70%	1.67%	0.39%	-17.57%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	-1.74%	-1.86%	2.51%	2.30%	0.88%	-19.43%

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EWD	iShares Sweden Index	Europe Stock	0	-5.33%	-1.31%	1.23%	7.11%	4.22%	-29.88%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	0	-2.22%	-0.34%	0.12%	4.43%	3.71%	-25.42%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	-1.95%	-1.47%	-0.21%	5.34%	4.71%	-18.87%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-1.86%	-1.73%	2.29%	1.58%	0.45%	-15.18%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	0	2.46%	0.17%	-3.47%	0.94%	-1.76%	-62.87%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	0	4.50%	10.21%	-4.04%	-9.29%	-2.63%	-30.90%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	-1.57%	-1.91%	1.80%	1.85%	0.47%	-18.23%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	0	-4.07%	-1.35%	4.18%	1.85%	1.93%	-85.59%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	-1.25%	-1.16%	1.84%	1.42%	0.60%	-12.20%
DOG	ProShares Short Dow 30	Bear Market	0	0.45%	1.99%	-1.89%	1.41%	-0.34%	-62.21%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-1.72%	-1.39%	2.42%	1.83%	0.82%	-12.76%
VB	Vanguard SmallCap	Small Cap Blend	0	2.30%	0.34%	-3.18%	1.02%	-1.48%	-22.54%
IWM	Russell 2000	Small Blend	0	3.08%	1.01%	-3.18%	0.74%	-2.05%	-27.58%
RWM	ProShares Short Russell2000	Inverse Equities	0	-2.61%	-0.24%	3.23%	-0.08%	1.92%	-61.05%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	-1.26%	-1.86%	2.31%	2.24%	0.97%	-18.44%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-0.78%	-0.64%	1.28%	0.94%	0.56%	-8.83%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	-1.85%	-1.65%	2.39%	1.80%	0.63%	-15.98%
PZA	Pshares Insured National Munis	National Munis	0	-0.84%	-2.00%	1.51%	2.44%	1.43%	-14.61%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	0	3.40%	0.78%	-2.88%	-0.16%	-2.04%	-48.39%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	0	1.28%	-0.88%	0.32%	0.08%	-0.20%	-11.52%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	0	0.68%	-0.27%	-2.04%	2.15%	-0.12%	-72.85%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-1.09%	-0.81%	1.62%	1.13%	0.61%	-8.61%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-1.10%	-1.44%	1.14%	1.70%	0.42%	-18.70%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	0	-0.12%	-1.18%	2.43%	-0.12%	0.96%	-10.04%
FXE	CurrencyShares Euro Currency Trust	Currency	0	-2.37%	-1.53%	1.71%	0.50%	2.42%	-17.58%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	0	0.98%	-0.66%	-2.10%	1.04%	-0.88%	-69.59%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	0	-2.87%	-2.80%	5.18%	-1.51%	0.88%	-32.07%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	0	-0.71%	-2.88%	1.37%	1.61%	0.90%	-35.51%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	0	-1.60%	-3.92%	1.80%	2.27%	-0.08%	-31.45%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	0	1.33%	-0.11%	-3.01%	0.84%	-1.33%	-20.66%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-1.08%	-1.00%	0.86%	0.25%	-0.14%	-6.51%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	0	-1.70%	-2.46%	1.70%	1.74%	-0.28%	-17.53%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.97%	-0.90%	1.04%	0.54%	0.09%	-5.98%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.16%	-0.69%	0.12%	0.66%	-0.39%	-13.29%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	-1.67%	-2.69%	1.54%	1.62%	-0.01%	-17.35%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	0	-0.70%	-2.20%	0.88%	1.61%	-0.16%	-30.55%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-1.27%	-1.77%	0.92%	1.30%	-0.20%	-19.44%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	-1.47%	-1.92%	1.62%	1.60%	0.31%	-18.52%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.99%	-0.89%	1.03%	0.50%	0.09%	-6.79%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	-2.46%	-2.46%	2.73%	0.76%	1.16%	-28.14%
VO	Vanguard Mid-Cap	Mid-Cap Blend	0	1.03%	-0.70%	-1.84%	0.90%	-0.90%	-21.27%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	3.69%	0.32%	-3.60%	-0.76%	-0.95%	-16.06%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	0	-0.50%	-1.58%	0.72%	0.28%	0.22%	-26.56%
BLV	Vanguard Long Term Bond	Long-Term Bond	0	-2.03%	-4.22%	1.58%	2.84%	-0.08%	-36.61%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	0	-2.37%	-4.22%	1.96%	3.06%	0.16%	-35.30%
EWC	iShares Canada Index	Foreign Large Cap Equ	0	-2.23%	-2.23%	1.05%	3.06%	-0.47%	-17.04%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	-0.19%	-1.28%	0.93%	0.47%	0.49%	-27.96%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	-0.26%	-83.14%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.15%	-0.12%	0.05%	0.13%	0.03%	-1.16%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	0	5.55%	-1.30%	-4.68%	0.35%	-3.32%	-26.01%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.10%	-0.73%	0.15%	0.24%	-0.42%	-14.66%
MUB	iShares S&P National Muni Bond	National Munis	0	-1.05%	-1.93%	0.61%	0.68%	0.45%	-9.92%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-1	-2.06%	-2.06%	-4.39%	2.57%	-1.28%	-24.65%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-1	-1.47%	-2.52%	2.55%	-0.58%	-0.13%	-11.55%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-1	-4.29%	-2.32%	-2.78%	4.02%	2.69%	-28.05%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-1	-4.24%	-2.58%	2.56%	-0.85%	0.01%	-8.82%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-1	0.87%	-1.51%	-2.37%	-2.07%	-2.31%	-15.67%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1	-2.01%	-4.98%	1.03%	3.58%	-0.50%	-39.90%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-1	4.28%	1.54%	-4.63%	-4.38%	-4.52%	-26.01%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	-0.58%	-0.91%	-1.24%	0.68%	-0.74%	-11.74%
XLI	Industrial Select Sector *	Industrial Equities	-1	0.06%	0.33%	-2.77%	-0.12%	0.87%	-8.43%
MDY	MidCap Trust Series I	Mid-Cap Blend	-1	0.91%	-0.59%	-3.70%	0.27%	-1.44%	-16.39%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-1	3.85%	-1.99%	-3.94%	-0.23%	-3.33%	-24.38%
IJH	S&P MidCap 400	Mid-Cap Blend	-1	0.77%	-0.68%	-3.91%	0.10%	-1.64%	-16.67%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-1	-4.14%	-0.40%	6.18%	-6.33%	1.90%	-22.13%
IJR	S&P Sm.Cap 600	Small Blend	-1	2.28%	-1.01%	-5.49%	-1.50%	-3.49%	-22.52%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-1	-2.13%	-6.22%	0.34%	4.71%	-0.86%	-51.37%
EWA	iShares Australia Index	Asia Pacific Equities	-1	-1.28%	-3.12%	-1.24%	0.63%	-0.68%	-18.30%
IWD	Russell 1000 Value	Large Value	-1	0.18%	-1.73%	-0.41%	-1.22%	-1.14%	-12.15%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-1	-1.87%	-6.80%	-0.51%	4.31%	-1.78%	-52.06%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-1	-2.14%	-1.56%	-2.14%	2.25%	-2.94%	-29.54%
RSP	Guggenheim S&P Equal Weight	Large Blend	-1	0.00%	-1.70%	-1.98%	-0.42%	-1.31%	-14.34%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-1	-0.14%	-1.69%	0.88%	-1.26%	-0.45%	-11.93%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-2	-3.21%	-1.95%	1.46%	-2.49%	-1.59%	-9.88%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-2	-4.25%	-5.49%	0.26%	0.58%	0.09%	-32.88%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2	1.97%	1.20%	-2.67%	-7.05%	-6.53%	-47.91%
BBH	VanEck Vectors Biotech	Health & Biotech	-2	-2.16%	-6.04%	1.25%	-2.85%	-2.20%	-29.70%
VBR	Vanguard SmallCap Value	Small Cap Value	-2	1.53%	-1.21%	-6.19%	-3.63%	-4.37%	-17.60%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-2	0.83%	-3.40%	-3.23%	-2.52%	-3.48%	-22.69%
IWN	Russell 2000 Value	Small Value	-2	2.68%	-0.96%	-6.63%	-4.53%	-5.87%	-25.15%
VHT	Vanguard Health Care	Health & Biotech Equiti	-2	-2.57%	-2.98%	3.14%	-4.14%	-1.38%	-11.11%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-2	2.92%	0.40%	-4.38%	-6.03%	-4.97%	-50.55%
VFH	Vanguard Financials	Financials Equities	-2	3.67%	0.44%	-5.25%	-6.45%	-5.60%	-23.94%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-2	-0.51%	-3.72%	-3.47%	-1.52%	0.81%	-54.06%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-2	-4.40%	-3.01%	2.48%	-3.43%	-0.98%	-8.24%
IYH	Dow Jones US Healthcare	Specialty-Health	-2	-2.81%	-3.51%	3.18%	-4.34%	-1.19%	-10.10%
IYR	Dow Jones US Real Estate	Real Estate	-2	-1.76%	-2.30%	-3.07%	-2.27%	-4.24%	-29.15%
JXI	iShares S&P Global Utilities	Utilities Equities	-2	-5.32%	-5.40%	2.88%	-1.89%	-0.91%	-12.54%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-2	-3.14%	-2.24%	-0.77%	-1.76%	-1.55%	-10.43%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-2	-0.87%	-2.67%	-1.80%	-3.44%	-2.55%	-14.07%
PKW	PowerShares Buyback Achievers	All Cap Equities	-2	-0.10%	-1.92%	-3.37%	-3.46%	-2.72%	-15.81%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-2	-2.71%	-3.27%	2.28%	-3.44%	-1.93%	-62.81%
RWR	Wilshire REIT Fund	Real Estate	-2	-1.70%	-1.25%	-3.28%	-0.32%	-3.04%	-28.89%
XLF	Financial Select Sector *	Financial Equities	-2	1.74%	0.34%	-4.29%	-6.14%	-4.80%	-22.50%
VTV	Vanguard Value	Large Cap Value	-2	-0.44%	-2.37%	-0.70%	-3.36%	-1.81%	-10.04%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-2	1.05%	-0.99%	-5.90%	-2.01%	-3.17%	-42.92%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-2	-2.82%	-3.63%	2.88%	-5.29%	-1.87%	-9.91%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-2	-0.08%	-3.59%	1.31%	-6.93%	-4.56%	-15.79%
XLP	Consumer Staples Select *	Consumer Staples	-2	-5.05%	-3.65%	1.61%	-2.60%	-1.14%	-9.88%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	-3	-4.35%	-3.86%	-5.60%	0.03%	-3.18%	-37.36%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-3	-3.92%	-4.51%	0.28%	-5.18%	-2.95%	-12.72%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-3	-2.50%	-3.75%	0.30%	-5.23%	-2.66%	-10.83%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-3	2.57%	-0.13%	-7.91%	-5.12%	-5.20%	-23.18%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-3	1.13%	-2.74%	-8.02%	-2.85%	-4.92%	-48.80%
SCHH	Schwab U.S. REIT	Real Estate	-3	-2.29%	-3.10%	-3.80%	-2.85%	-4.70%	-64.43%
ICF	Cohen & Steers Realty	Real Estate	-3	-2.26%	-3.56%	-3.63%	-3.05%	-4.95%	-57.79%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-3	-0.93%	-3.67%	-0.43%	-6.22%	-3.71%	-29.37%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-3	-5.18%	-3.80%	0.51%	-3.12%	-1.84%	-8.59%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-3	0.10%	-2.53%	-5.97%	-4.64%	-5.28%	-61.34%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-3	0.55%	-0.68%	-5.61%	-6.47%	-4.85%	-15.49%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-3	-0.97%	-3.82%	-2.40%	-5.86%	-3.92%	-11.43%
IWS	Russell MidCap Value	Mid-Cap Value	-3	-0.50%	-2.29%	-4.50%	-2.99%	-3.76%	-17.32%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-3	-3.40%	-4.97%	-2.66%	-1.78%	-1.58%	-22.12%
VNQ	Vanguard REIT Index	Real Estate	-3	-1.98%	-2.89%	-4.27%	-2.99%	-5.21%	-31.03%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-3	-2.95%	-2.34%	-3.35%	-1.96%	-3.44%	-29.09%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-3	-1.35%	-2.80%	-5.01%	-4.71%	-4.66%	-15.86%
SCHD	Schwab US Dividend Equity	All Cap Equities	-4	0.07%	-4.24%	-4.08%	-7.51%	-5.01%	-14.73%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-4	-1.40%	-4.62%	-4.82%	-4.98%	-5.79%	-34.80%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-4	-5.42%	-4.97%	-2.75%	-3.35%	-5.16%	-29.33%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	-5.59%	-4.02%	-2.48%	-4.67%	-3.71%	-40.80%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-4	-3.95%	-4.26%	-3.88%	-2.43%	-1.02%	-26.14%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-4	-5.60%	-3.94%	-2.81%	-2.18%	-2.02%	-36.57%
SDY	SPDR Dividend ETF	Large Value	-4	-3.17%	-3.99%	-3.70%	-5.67%	-4.62%	-10.82%
SIL	Global X Silver Miners	Commodity Producers	-4	-10.16%	-12.06%	8.52%	-1.38%	-0.16%	-48.16%
KIE	SPDR S&P Insurance	Specialty-Financial	-4	-1.81%	-2.70%	-5.66%	-6.01%	-4.61%	-58.98%
VAW	Vanguard Materials VIPERS	Materials	-4	-2.81%	-4.62%	-5.72%	-1.99%	-3.04%	-16.38%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-4	-4.53%	-3.58%	-2.03%	-3.99%	-3.20%	-36.23%
IYZ	Down Jones US Telecom	Commun. Equities	-4	-0.23%	-6.38%	-4.16%	-4.46%	-5.66%	-41.35%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-4	-1.00%	-5.32%	-1.58%	-6.17%	-3.98%	-11.02%
XLB	Materials Select Sector *	Materials	-4	-2.96%	-4.53%	-4.83%	-2.14%	-2.92%	-16.10%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-4	-3.47%	-5.31%	-1.18%	-5.08%	-3.04%	-19.44%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-4	-4.85%	-3.43%	-2.17%	-4.09%	-3.77%	-39.13%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXV	CurrencyShares Japanese Yen Trust	Currency	-4	-3.44%	-5.18%	-2.10%	-5.74%	-1.71%	-30.69%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-5	-2.08%	-3.79%	-6.25%	-6.92%	-5.62%	-14.95%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	-3.48%	-2.06%	-6.84%	-8.17%	-5.69%	-64.66%
DBC	PowerShares DB Commodity Index	Commodities	-5	-0.97%	-7.09%	-4.31%	-9.09%	-7.85%	-26.60%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-5	0.53%	-3.94%	-9.46%	-5.77%	-6.94%	-68.63%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-5	-4.39%	-6.63%	-2.84%	-6.26%	-5.00%	-13.77%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-5	0.43%	-4.01%	-7.79%	-7.72%	-7.69%	-19.53%
IXC	S&P Global Energy	Energy Equities	-5	-1.07%	-7.34%	-5.55%	-7.39%	-5.84%	-15.23%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-5	6.80%	-2.79%	-11.97%	-12.52%	-11.21%	-26.29%
IYM	Dow Jones US Basic Mat's	Materials	-5	-3.94%	-6.19%	-7.48%	-2.06%	-3.65%	-20.66%
GSG	iShares GSCI Commodity Index	Commodities.	-5	1.06%	-7.86%	-4.62%	-10.50%	-8.40%	-27.87%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-5	-5.12%	-5.34%	-0.29%	-7.55%	-4.34%	-14.74%
EWK	iShares Belgium Index	Europe Stock	-5	-7.24%	-7.29%	-2.80%	-1.28%	0.59%	-23.78%
IDU	Dow Jones US Utilities	Utilities Equities	-5	-5.48%	-6.85%	-0.99%	-7.55%	-5.45%	-54.81%
XLU	Utilities Select Sector *	Utilities Equities	-6	-6.04%	-7.68%	-1.53%	-8.58%	-6.12%	-17.50%
DJP	Bloomberg Commodity Index	Commodities	-6	-2.40%	-6.88%	-4.17%	-12.07%	-9.57%	-28.06%
FXI	iShares China 25 Index	China Equities	-6	-5.90%	-9.08%	-2.77%	-5.90%	-5.05%	-51.11%
IGE	iShares North American Natural Resources	Commodity Producers	-6	-1.49%	-7.54%	-5.76%	-8.98%	-7.04%	-18.53%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-6	-1.69%	-6.39%	-4.94%	-9.64%	-10.32%	-29.66%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-6	-1.57%	-6.80%	-6.01%	-8.86%	-7.11%	-14.96%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-6	-5.65%	-7.58%	-1.82%	-8.46%	-6.12%	-17.13%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-6	-3.28%	-6.97%	-6.39%	-7.70%	-6.86%	-17.35%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-6	-4.50%	-5.00%	-3.85%	-8.78%	-4.59%	-32.58%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-7	-7.61%	-10.05%	-5.90%	-3.85%	-6.03%	-41.94%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-7	-4.40%	-7.90%	-7.25%	-9.94%	-7.64%	-19.99%
VDE	Vanguard Energy VIPERS	Energy Equities	-7	-0.07%	-8.39%	-7.70%	-11.49%	-8.58%	-18.60%
HDGE	Ranger Equity Bear	Inverse Equities	-7	-8.87%	-4.39%	0.08%	-12.83%	-7.12%	-77.68%
MCHI	iShares MSCI China	China Equities	-7	-6.38%	-10.84%	-4.99%	-6.65%	-5.89%	-54.38%
EWM	iShares Malaysia Index	Emerging Markets Equi	-7	-6.01%	-7.19%	-3.95%	-9.54%	-6.06%	-43.35%
XLE	Energy Select Sector *	Energy Equities	-7	-0.73%	-8.76%	-7.36%	-11.35%	-8.12%	-17.58%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-7	-3.22%	-6.68%	-6.12%	-10.06%	-7.98%	-19.94%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-7	-0.05%	-8.47%	-7.69%	-11.94%	-9.00%	-18.93%
DVY	iShares Select Dividend Index	Large Cap Value	-7	-2.51%	-7.58%	-7.15%	-9.64%	-7.98%	-17.53%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-7	-5.20%	-7.08%	-8.69%	-8.96%	-12.26%	-54.69%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-7	-2.01%	-7.58%	-7.62%	-11.14%	-8.65%	-16.14%
XRT	SPDR S&P Retail *	Consumer Discretionar	-7	-4.09%	-7.35%	-11.51%	-5.72%	-9.63%	-45.29%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	1.96%	-6.96%	-9.27%	-14.69%	-12.78%	-24.85%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-8	-5.62%	-9.47%	-9.38%	-9.51%	-8.53%	-20.96%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-8	1.27%	-8.95%	-8.83%	-13.98%	-12.12%	-24.60%
EWH	iShares Hong Kong Index	China Equities	-8	-7.33%	-8.52%	-6.92%	-9.09%	-5.33%	-32.03%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-8	-3.98%	-7.70%	-7.33%	-11.36%	-9.41%	-18.42%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-9	-6.30%	-7.38%	-10.98%	-9.34%	-10.55%	-28.16%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-9	2.86%	-6.87%	-16.28%	-16.49%	-1.22%	-34.42%
EZA	iShares South Africa Index	Emerging Markets Equi	-9	-9.25%	-10.36%	-4.75%	-10.21%	-8.24%	-49.88%

<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>
KBE	SPDR S&P Bank	Specialty-Financial	-9	9.03%	-3.95%	-18.47%	-22.97%	-20.64%	-42.43%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-9	7.92%	-3.13%	-19.19%	-22.65%	-20.19%	-47.29%
XME	SPDR S&P Metals & Mining	Commodity Producers	-10	-3.51%	-11.25%	-16.09%	-8.49%	-10.04%	-30.78%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-13	10.20%	-6.73%	-25.01%	-32.31%	-28.48%	-49.53%
PSQ	ProShares Short QQQ	Inverse Equities	-15	-9.90%	-8.94%	-16.73%	-23.91%	-16.75%	-79.86%
UNG	U.S. Natural Gas Fund	Oil & Gas	-24	-2.78%	-7.33%	-27.91%	-57.87%	-58.39%	-93.27%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-26	0.96%	-0.94%	-52.74%	-50.74%	-43.92%	-57.28%