

# HV ETF Master List as of 05/11/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ITB	iShares DJ US Home Construction	Building and Constructi	14	8.56%	11.38%	9.02%	25.61%	21.04%	-8.33%
EWW	iShares Mexico Index	Latin America Stock	12	2.95%	11.27%	6.71%	25.80%	17.16%	-1.08%
IYW	Dow Jones US Technology	Technology Equities	11	2.23%	6.57%	9.29%	26.67%	14.27%	-19.41%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	11	-6.55%	14.95%	16.92%	16.96%	17.36%	-24.72%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	11	-6.32%	15.30%	16.79%	16.79%	17.76%	-29.32%
EWL	iShares Switzerland Index	Europe Stock	10	2.32%	12.29%	8.98%	15.48%	13.09%	-8.68%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	2.93%	7.88%	8.42%	22.59%	11.25%	-20.20%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	10	2.17%	6.32%	7.55%	22.50%	11.20%	-19.26%
PPLT	ETFS Physical Platinum Shares	Precious Metals	9	4.16%	11.98%	18.41%	1.83%	11.98%	-15.35%
XLK	Technology Select *	Technology Equities	9	1.12%	5.21%	6.75%	21.46%	11.66%	-14.44%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	9	2.04%	7.11%	7.21%	20.41%	10.32%	-59.89%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	9	6.31%	7.89%	2.02%	17.92%	12.33%	-17.55%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	8	3.48%	8.60%	6.75%	14.91%	-7.32%	-27.98%
VGT	Vanguard Info Technology	Technolgy Equities	8	1.18%	5.24%	5.84%	20.95%	11.10%	-17.12%
VUG	Vanguard Growth	Large Cap Growth	8	1.99%	6.49%	5.89%	19.42%	9.30%	-21.86%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	8	3.44%	8.71%	6.73%	15.11%	9.13%	-0.52%
FEZ	SPDR Euro Stoxx 50	Europe Stock	7	-1.47%	8.27%	4.22%	18.01%	15.60%	-7.46%
VOX	Vanguard Telecom Serv's	Communication Equitie	7	-0.63%	5.75%	3.72%	19.36%	8.35%	-34.84%
EWG	iShares Germany Index	Europe Stock	7	-0.72%	8.06%	3.24%	17.10%	14.75%	-20.61%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	7	1.10%	6.71%	4.91%	13.39%	5.32%	-13.01%
ECH	iShares Chile Index	Latin America	7	4.80%	10.93%	0.74%	11.26%	10.89%	-46.34%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	7	-13.84%	21.63%	21.96%	-3.34%	15.48%	-55.62%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	7	-9.38%	13.62%	13.95%	10.88%	13.16%	-38.28%
IWF	Russell 1000 Growth	Large Growth	7	1.60%	6.06%	5.21%	16.22%	8.31%	-19.56%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	7	2.95%	7.28%	5.28%	14.43%	9.29%	-0.96%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	7	0.00%	8.13%	5.75%	14.42%	11.71%	-15.89%
EWQ	iShares France Index	Europe Stock	7	-1.32%	8.86%	4.20%	17.54%	15.22%	-3.76%
ILF	iShares S&P 40 Latin America	Latin America Stock	6	1.20%	10.02%	2.80%	10.79%	3.45%	-35.80%
EWI	iShares Italy Index	Europe Stock	6	-1.29%	9.02%	1.82%	16.18%	14.61%	-9.20%
EZU	European Monetary Union Index	Europe Stock	6	-1.40%	7.83%	2.83%	16.16%	13.83%	-11.02%
IAU	iShares Gold Trust	Precious Metals	6	-1.32%	4.83%	9.62%	10.41%	10.64%	-3.12%
IEV	S&P Europe 350 Index	Europe Stock	6	-0.83%	8.85%	3.93%	13.80%	12.31%	-7.57%
EWJ	iShares Japan Index	Japan Stock	6	1.75%	6.87%	5.03%	10.05%	8.76%	-19.17%
EWP	iShares Spain Index	Europe Stock	6	-2.77%	6.68%	2.78%	16.29%	13.64%	-22.41%
VGK	Vanguard European	Europe Equities	6	-0.67%	8.23%	3.14%	13.13%	11.59%	-11.16%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	6	8.28%	9.95%	1.46%	3.63%	4.36%	-50.57%
GLD	SPDR Gold Shares	Precious Metals	6	-1.37%	4.79%	9.59%	10.31%	10.54%	-3.49%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	6	-0.34%	7.77%	3.43%	11.62%	10.45%	-10.79%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	6	0.61%	5.55%	1.52%	16.26%	11.59%	-7.73%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	6	-0.72%	3.92%	2.93%	17.45%	11.51%	-1.96%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5	-0.75%	6.80%	2.10%	9.96%	8.30%	-13.63%

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IGV	iShares North American Tech-Software	Technology Equities	5	-1.63%	3.70%	3.38%	16.41%	8.04%	-33.30%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	5	-0.09%	5.17%	1.04%	15.01%	3.13%	-17.95%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	0.21%	6.39%	1.38%	12.09%	8.85%	-0.82%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	0.06%	5.30%	3.53%	10.41%	4.43%	-23.17%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	5	1.58%	4.12%	-1.37%	15.19%	3.09%	-29.06%
IVW	S&P 500/BARRA Growth	Large Growth	5	0.28%	5.56%	4.14%	10.96%	4.73%	-23.46%
SCHF	Schwab International Equity	Foreign Large Cap Equ	5	-0.64%	7.19%	2.56%	10.56%	8.55%	-12.81%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	5	-0.17%	6.15%	3.72%	9.53%	7.64%	-17.50%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	5	1.62%	4.13%	-0.96%	15.43%	2.46%	-29.48%
EWZ	iShares Brazil Index	Latin America Stock	5	0.82%	10.09%	3.21%	5.68%	0.33%	-38.94%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	5	0.73%	6.23%	2.51%	11.64%	2.56%	-9.91%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	0.67%	6.23%	2.52%	11.70%	0.20%	-16.98%
SPYG	S&P 500 Growth	Large Cap Growth	5	0.27%	5.50%	4.11%	10.97%	4.73%	-23.48%
EWD	iShares Sweden Index	Europe Stock	5	-0.30%	8.07%	1.57%	12.25%	10.14%	-26.52%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	-0.32%	7.59%	3.18%	11.11%	9.98%	-12.42%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	0.27%	5.61%	4.16%	11.00%	4.74%	-23.47%
RWM	ProShares Short Russell2000	Inverse Equities	4	3.37%	1.43%	11.13%	1.10%	3.80%	-60.59%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	0.18%	5.98%	1.11%	7.67%	7.32%	-23.10%
EWU	iShares United Kingdom Index	Europe Stock	4	-1.42%	7.77%	1.99%	8.61%	8.26%	-12.09%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	4	-0.90%	6.89%	0.67%	8.20%	8.51%	-16.67%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	4	1.67%	6.22%	5.30%	1.41%	3.92%	-3.65%
XLP	Consumer Staples Select *	Consumer Staples	4	1.53%	5.75%	5.61%	3.04%	4.58%	-4.65%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	4	0.63%	6.35%	4.63%	4.98%	4.66%	-7.88%
VXUS	Vanguard Total International Stock	Global Equities	4	-0.94%	6.00%	1.30%	8.31%	6.59%	-17.01%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	4	-0.50%	3.91%	1.79%	9.27%	5.69%	-14.89%
HDGE	Ranger Equity Bear	Inverse Equities	4	4.69%	1.79%	15.44%	-6.89%	-0.85%	-76.16%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	4	1.67%	6.09%	5.17%	3.89%	4.83%	-4.46%
VEU	Vanguard FTSE All-World ex-US	Global Equities	4	-0.84%	6.01%	1.16%	8.28%	6.60%	-16.84%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	-1.02%	6.43%	1.48%	8.75%	7.28%	-16.33%
EWN	iShares Netherlands Index	Europe Stock	4	-1.46%	4.87%	-0.73%	12.67%	10.14%	-21.98%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	0.47%	6.27%	4.06%	5.76%	6.03%	-85.03%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	-1.02%	6.24%	1.47%	8.62%	7.13%	-16.76%
SLV	iShares Silver Trust	Precious Metals	4	-6.49%	11.45%	11.90%	0.82%	10.45%	-17.78%
IYC	iShares US Consumer Services	Consumer Discretionar	4	0.53%	4.09%	-1.99%	13.01%	3.38%	-76.76%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	3	0.96%	5.16%	3.98%	2.13%	3.39%	-3.63%
EWK	iShares Belgium Index	Europe Stock	3	-1.77%	5.94%	1.07%	5.47%	8.27%	-18.57%
JXI	iShares S&P Global Utilities	Utilities Equities	3	-0.73%	5.23%	5.44%	3.41%	3.89%	-7.81%
PIN	PowerShares India Portfolio	Emerging Markets Equi	3	2.47%	5.47%	1.84%	1.50%	-5.24%	-59.06%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-1.56%	5.49%	0.32%	8.04%	5.92%	-22.87%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	3	-0.31%	3.93%	0.35%	7.66%	3.89%	-57.57%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	3	-1.46%	4.40%	-0.64%	8.35%	7.31%	-25.05%
FXB	CurrencyShares British Pound	Currency	3	-0.30%	3.15%	4.18%	3.47%	4.61%	-17.39%
ACWI	iShares MSCI ACWI	Global Equities	3	-0.66%	5.07%	1.12%	8.34%	5.30%	-14.24%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	3	1.10%	5.93%	2.15%	1.27%	1.96%	-6.40%

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GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	3	-0.39%	3.87%	0.53%	7.26%	3.84%	-14.60%
VV	Vanguard LargeCap	Large Cap Blend	3	-0.23%	4.06%	0.88%	8.04%	4.18%	-15.13%
VT	Vanguard Total World Stock Index	Global Equities	3	-0.63%	4.59%	0.34%	7.67%	4.72%	-15.04%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	-1.64%	5.06%	0.62%	7.36%	4.86%	-22.28%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3	-0.41%	5.40%	1.63%	6.81%	5.66%	-19.76%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	3	-0.29%	4.07%	0.92%	7.78%	4.11%	-13.79%
INDA	iShares MSCI India	Emerging Markets Equi	3	2.75%	7.13%	2.47%	-0.67%	-0.05%	-18.35%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	3	0.66%	2.01%	4.09%	4.48%	2.20%	-18.68%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	-1.69%	6.66%	4.00%	1.48%	4.20%	-30.00%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	-1.32%	5.24%	-0.55%	7.90%	7.44%	-11.04%
IVV	S&P 500	Large Blend	3	-0.32%	4.04%	0.89%	7.74%	4.13%	-13.73%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	3	-1.19%	3.86%	2.00%	7.57%	5.24%	-11.90%
SPY	SPDR S&P 500	Large Cap Blend	3	-0.32%	4.04%	0.94%	7.77%	4.17%	-13.73%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	-1.55%	6.85%	-0.65%	6.75%	2.84%	-14.07%
IWB	Russell 1000 Index	Large Blend	3	-0.46%	3.75%	0.09%	7.37%	3.64%	-15.06%
IWV	Russell 3000 Index	All Cap Equities	2	-0.59%	3.47%	-0.53%	6.87%	3.14%	-15.51%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	2	0.21%	1.16%	2.94%	3.30%	1.65%	-17.07%
BLV	Vanguard Long Term Bond	Long-Term Bond	2	-0.81%	0.61%	2.93%	4.91%	1.24%	-35.34%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	0.30%	1.55%	2.43%	2.61%	1.65%	-11.17%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	0.68%	1.79%	3.38%	3.42%	2.26%	-11.39%
EDV	Vanguard Extended Duration Treasury	Government Bonds	2	-1.36%	-1.07%	3.50%	6.75%	-0.10%	-50.43%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	2	-1.54%	5.03%	0.97%	5.48%	5.14%	-29.62%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	0.07%	1.19%	2.32%	3.09%	1.50%	-17.23%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	2	1.38%	6.06%	1.16%	0.95%	-0.60%	-20.44%
BNDX	Vanguard Total International Bond	Total Bond Market	2	0.66%	0.72%	2.06%	3.50%	1.13%	-17.11%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	2	-0.43%	4.69%	1.96%	3.13%	2.96%	-9.49%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	2	-0.39%	1.99%	2.76%	3.03%	3.29%	-26.52%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	2	-0.69%	1.43%	2.22%	3.38%	1.45%	-21.67%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	-2.01%	3.25%	1.25%	6.96%	4.27%	-24.18%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	2	-0.61%	3.36%	-0.64%	6.90%	3.13%	-15.78%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	2	-0.26%	1.50%	2.57%	3.30%	0.70%	-16.26%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	2	-0.31%	1.69%	2.23%	3.47%	1.93%	-17.46%
BAB	PowerShares Build America Bond Portfolio	National Munis	2	0.37%	1.65%	2.34%	5.37%	2.59%	-21.80%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	2	0.68%	1.82%	3.49%	3.52%	2.13%	-14.55%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	-0.85%	-0.11%	3.50%	5.61%	0.57%	-38.71%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	-0.31%	0.79%	3.69%	5.40%	1.79%	-33.84%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	0.23%	1.71%	3.21%	3.85%	2.15%	-18.22%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	2	2.10%	3.85%	-4.49%	6.18%	-0.91%	-26.84%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	-0.46%	1.31%	2.40%	3.17%	1.01%	-16.09%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	0.06%	1.08%	2.23%	3.05%	1.44%	-16.45%
VTI	Total Stock Market VIPERs	All Cap Equities	2	-0.46%	3.52%	-0.48%	7.07%	3.26%	-15.75%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	2	0.31%	1.31%	2.13%	2.59%	0.20%	-9.24%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	2	0.67%	1.78%	3.37%	3.37%	1.98%	-13.69%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	2	-3.01%	-3.99%	-2.72%	18.12%	7.38%	-26.03%

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SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	0.04%	1.12%	2.15%	3.04%	1.42%	-17.36%
SCHB	Schwab U.S. Broad Market	All Cap Equities	2	-0.54%	3.52%	-0.54%	7.01%	3.28%	-57.83%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	-0.50%	3.60%	0.91%	-0.91%	0.97%	-8.79%
SIL	Global X Silver Miners	Commodity Producers	1	-11.80%	6.09%	6.09%	3.23%	5.36%	-45.74%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	0.07%	0.66%	1.33%	2.67%	0.76%	-18.35%
IVE	S&P 500/BARRA Value	Large Value	1	-0.92%	2.40%	-2.52%	4.25%	3.03%	-5.16%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	1	-1.94%	-2.34%	2.75%	5.94%	-1.67%	-51.31%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1	-1.00%	3.95%	1.26%	1.79%	2.03%	-9.44%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.15%	0.55%	1.48%	1.40%	0.89%	-5.17%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.08%	1.63%	1.31%	1.72%	1.25%	-8.13%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.15%	0.53%	1.44%	1.37%	0.89%	-5.98%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	-0.64%	3.54%	-0.30%	2.21%	2.51%	-9.87%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	1	-2.40%	3.24%	-2.20%	3.62%	1.77%	-30.33%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	-0.97%	1.19%	0.57%	1.44%	0.09%	-16.05%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	1	1.48%	2.53%	-3.74%	2.29%	2.16%	-33.67%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	-0.26%	1.64%	0.85%	1.67%	1.32%	-25.54%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	0.27%	1.37%	1.50%	1.83%	1.33%	-7.62%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	-0.37%	1.38%	0.48%	1.37%	1.09%	-27.31%
FXE	CurrencyShares Euro Currency Trust	Currency	1	-1.18%	2.86%	2.29%	2.00%	4.50%	-16.34%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	1	-0.10%	1.60%	-1.08%	2.59%	0.05%	-25.00%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	-1.29%	0.66%	2.10%	4.04%	1.03%	-30.27%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	-1.03%	1.34%	0.64%	1.84%	0.07%	-71.78%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.37%	1.28%	2.04%	2.13%	1.55%	-7.71%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.82%	0.61%	1.15%	1.84%	1.54%	-8.89%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	1	-0.11%	3.31%	-1.53%	1.62%	1.66%	-7.35%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	1	-0.47%	1.86%	0.10%	2.68%	2.15%	-38.06%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	1	-1.40%	1.57%	-2.92%	4.77%	0.82%	-26.25%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.14%	0.43%	1.31%	1.20%	0.73%	-5.63%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.04%	0.88%	1.07%	2.71%	1.06%	-17.89%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	1	-3.76%	-0.57%	-1.89%	8.34%	-4.03%	-35.80%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	-0.97%	1.34%	1.28%	1.81%	1.14%	-11.39%
PZA	Pshares Insured National Munis	National Munis	1	-1.46%	1.07%	1.63%	3.31%	2.16%	-13.88%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	0	-2.63%	3.45%	-2.86%	2.24%	2.40%	-18.94%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	0	-1.78%	2.88%	-2.60%	2.70%	0.48%	-29.80%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	0	-2.07%	3.12%	-1.20%	0.60%	1.70%	-9.39%
EWA	iShares Australia Index	Asia Pacific Equities	0	-3.00%	3.98%	-3.61%	3.37%	2.03%	-16.07%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.62%	0.55%	-0.17%	1.06%	-0.05%	-11.50%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	0	-0.84%	3.13%	-2.40%	0.53%	0.06%	-36.20%
VBK	Vanguard SmallCap Growth	Small Cap Growth	0	-1.75%	1.62%	-5.76%	6.18%	0.51%	-30.36%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	-2.01%	2.88%	-2.39%	2.77%	0.76%	-29.08%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.10%	1.10%	-0.41%	0.28%	0.23%	-1.21%
DOG	ProShares Short Dow 30	Bear Market	0	2.60%	-2.81%	1.64%	0.48%	-1.24%	-62.56%
IDU	Dow Jones US Utilities	Utilities Equities	0	-1.25%	1.85%	1.56%	-1.96%	-0.82%	-52.08%
VHT	Vanguard Health Care	Health & Biotech Equiti	0	-1.95%	4.03%	1.15%	-1.46%	1.28%	-8.62%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.02%	0.08%	0.10%	0.32%	0.24%	-0.98%
IYH	Dow Jones US Healthcare	Specialty-Health	0	-2.28%	4.02%	1.60%	-1.58%	1.66%	-7.51%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.82%	0.51%	-0.05%	0.73%	-0.12%	-14.24%
IYT	Dow Jones Transportation	Transportation Equities	0	-0.09%	0.84%	-4.84%	4.98%	0.23%	-19.92%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	0	-0.43%	2.26%	-7.17%	6.21%	2.22%	-21.98%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.89%	0.62%	-0.24%	1.16%	-0.10%	-12.86%
IWP	Russell MidCap Growth	Mid-Cap Growth	0	-1.88%	1.49%	-4.47%	6.61%	2.37%	-27.70%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0	-2.43%	3.82%	1.18%	-2.56%	0.90%	-7.32%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	-2.30%	3.09%	-2.77%	2.93%	1.21%	-32.69%
XLU	Utilities Select Sector *	Utilities Equities	0	-1.46%	1.52%	1.33%	-2.62%	-1.12%	-12.12%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	-3.12%	2.98%	-2.85%	1.73%	3.08%	-22.99%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	0	-1.96%	2.16%	-3.73%	1.93%	0.76%	-9.07%
RWX	SPDR DJ Wil Intern. RE	Real Estate	0	-0.11%	2.17%	-2.79%	0.15%	0.28%	-37.81%
VIS	Vanguard Industrials	industrials Equities	0	-0.65%	0.96%	-4.07%	2.37%	2.06%	-9.89%
UUP	PowerShares DB US Dollar Bullish	Currency	0	1.45%	-1.55%	-0.68%	0.40%	-2.25%	-8.97%
RWR	Wilshire REIT Fund	Real Estate	0	1.74%	1.62%	-6.81%	2.08%	-2.07%	-27.18%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-1.09%	0.63%	-1.61%	1.22%	-0.38%	-11.27%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	-0.30%	-83.14%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	0	-0.92%	0.60%	-5.43%	5.45%	1.75%	-33.96%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0	-1.68%	1.65%	-0.43%	-0.94%	-1.39%	-30.61%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	0	-1.09%	1.31%	-3.37%	3.09%	-0.08%	-28.06%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	0	-6.17%	1.71%	-2.26%	6.34%	3.54%	-37.58%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	0	-2.36%	2.91%	-1.26%	-0.66%	0.99%	-61.73%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-1	1.05%	1.57%	-5.93%	1.17%	-1.59%	-26.83%
XLI	Industrial Select Sector *	Industrial Equities	-1	-1.54%	0.13%	-3.86%	0.20%	1.26%	-8.13%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-1	-1.68%	1.04%	0.61%	-2.86%	-1.49%	-12.06%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-1	-2.27%	0.83%	-0.46%	-1.54%	-1.08%	-9.42%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-1	-2.45%	1.10%	-1.29%	-3.26%	-0.58%	-8.98%
FXI	iShares China 25 Index	China Equities	-1	-1.82%	3.11%	-5.31%	0.85%	1.05%	-47.60%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-1	-2.56%	0.58%	-5.57%	5.27%	0.85%	-28.80%
FXY	CurrencyShares Japanese Yen Trust	Currency	-1	-1.40%	-0.87%	-0.56%	-2.64%	1.36%	-28.41%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-1	-2.25%	1.10%	-5.61%	2.50%	-0.12%	-72.76%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	-0.90%	1.74%	-3.22%	-0.14%	-0.24%	-33.68%
IWO	Russell 2000 Growth	Small Growth	-1	-1.63%	0.88%	-6.13%	4.17%	-0.54%	-33.62%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-1	-2.19%	1.63%	-4.81%	-0.05%	-0.60%	-11.63%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-1	-1.02%	3.15%	-3.01%	-3.22%	1.11%	-28.47%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	-3.32%	1.77%	-3.73%	2.11%	1.15%	-35.19%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-1	-2.22%	1.68%	-3.24%	0.64%	3.07%	-16.08%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-1	-2.24%	3.10%	-1.04%	-3.42%	-0.55%	-10.93%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-1	-1.99%	1.80%	-2.89%	-0.56%	-0.02%	-11.31%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-1	-3.64%	0.38%	-3.74%	2.89%	-0.25%	-37.87%
IYJ	Dow Jones US Industrial	Industrial Equities	-1	-1.76%	1.11%	-4.40%	1.41%	1.02%	-49.31%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-2	-2.52%	1.11%	-5.37%	-2.11%	-1.56%	-12.89%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	-2	-2.12%	-0.21%	-8.79%	2.52%	-2.08%	-31.89%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BBH	VanEck Vectors Biotech	Health & Biotech	-2	-4.66%	0.85%	-2.23%	-0.25%	0.61%	-27.82%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-2	-3.79%	1.44%	-4.31%	-1.83%	0.08%	-16.68%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-2	-2.37%	0.83%	-7.31%	1.19%	-1.20%	-69.54%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	0.95%	-0.60%	-4.22%	-5.82%	-1.72%	-13.42%
IYR	Dow Jones US Real Estate	Real Estate	-2	-0.32%	0.25%	-7.61%	-0.05%	-3.57%	-27.54%
EWM	iShares Malaysia Index	Emerging Markets Equi	-2	-3.10%	2.82%	-3.96%	-4.33%	-1.04%	-40.09%
IWD	Russell 1000 Value	Large Value	-2	-2.58%	1.44%	-4.98%	-0.77%	-1.03%	-11.75%
XLB	Materials Select Sector *	Materials	-2	-4.37%	1.64%	-5.01%	0.36%	-0.62%	-13.96%
RSP	Guggenheim S&P Equal Weight	Large Blend	-2	-2.62%	0.79%	-6.50%	0.18%	-1.06%	-13.82%
ICF	Cohen & Steers Realty	Real Estate	-2	-0.84%	-0.22%	-7.50%	-0.42%	-3.99%	-56.65%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-2	-2.03%	0.81%	-8.08%	0.96%	-1.69%	-20.57%
SCHH	Schwab U.S. REIT	Real Estate	-2	-0.41%	0.00%	-7.54%	-0.21%	-3.63%	-63.47%
VAW	Vanguard Materials VIPERS	Materials	-2	-4.44%	1.12%	-6.06%	0.61%	-0.68%	-14.17%
VTV	Vanguard Value	Large Cap Value	-2	-2.64%	1.41%	-4.33%	-2.46%	-1.13%	-9.20%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-2	-3.29%	3.21%	-2.10%	-4.26%	-2.05%	-27.89%
VNQ	Vanguard REIT Index	Real Estate	-2	-0.52%	-0.46%	-8.36%	-0.53%	-4.40%	-29.28%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-2	-2.54%	0.45%	-7.36%	0.86%	-1.49%	-21.30%
KIE	SPDR S&P Insurance	Specialty-Financial	-2	-0.50%	2.20%	-8.63%	-2.59%	-1.20%	-57.49%
EWH	iShares Hong Kong Index	China Equities	-3	-3.48%	0.80%	-4.66%	-3.66%	-0.13%	-27.97%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-3	-3.32%	0.26%	-7.90%	-2.30%	-3.00%	-15.86%
PKW	PowerShares Buyback Achievers	All Cap Equities	-3	-2.40%	0.97%	-8.39%	-2.22%	-1.62%	-14.73%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-3	-3.58%	0.05%	-5.80%	-4.57%	-2.97%	-10.21%
VB	Vanguard SmallCap	Small Cap Blend	-3	-2.72%	-0.29%	-9.38%	0.21%	-2.87%	-23.16%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-3	0.81%	-4.09%	-0.73%	-6.43%	-3.89%	-63.99%
SDY	SPDR Dividend ETF	Large Value	-3	-2.33%	-0.24%	-5.76%	-3.09%	-2.55%	-8.39%
MCHI	iShares MSCI China	China Equities	-3	-3.74%	0.49%	-7.51%	-0.17%	0.01%	-51.21%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-3	-5.35%	0.85%	-5.91%	-3.10%	-5.02%	-33.51%
MDY	MidCap Trust Series I	Mid-Cap Blend	-3	-2.73%	0.01%	-8.75%	0.37%	-1.69%	-16.31%
IYM	Dow Jones US Basic Mat's	Materials	-3	-5.64%	0.17%	-6.74%	1.15%	-0.62%	-18.06%
IWS	Russell MidCap Value	Mid-Cap Value	-3	-2.66%	0.42%	-8.86%	-1.76%	-3.19%	-16.26%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-3	-4.93%	-1.59%	-4.47%	-0.65%	2.03%	-53.66%
IJH	S&P MidCap 400	Mid-Cap Blend	-3	-2.72%	-0.12%	-8.89%	0.28%	-1.83%	-16.51%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	0.95%	-6.83%	-2.58%	-9.25%	-9.55%	-49.15%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-4	-2.50%	0.34%	-9.04%	-2.99%	-3.59%	-14.35%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-4	-3.27%	-1.06%	-7.78%	-3.66%	-4.36%	-18.51%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-4	-3.16%	-1.44%	-10.25%	-0.15%	-3.49%	-63.27%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-4	-5.08%	0.16%	-4.52%	-5.03%	-3.23%	-9.93%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-4	-4.77%	1.46%	-5.56%	-6.17%	-4.69%	-15.11%
IXC	S&P Global Energy	Energy Equities	-4	-8.09%	3.90%	-7.56%	-5.62%	-4.09%	-13.62%
XRT	SPDR S&P Retail *	Consumer Discretionar	-4	-1.67%	-1.34%	-13.84%	1.16%	-4.11%	-41.29%
IWM	Russell 2000	Small Blend	-4	-2.86%	-1.65%	-10.14%	-0.74%	-4.29%	-28.65%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-5	-7.60%	1.30%	-8.61%	-4.31%	-3.52%	-16.42%
VBR	Vanguard SmallCap Value	Small Cap Value	-5	-3.50%	-1.82%	-12.13%	-3.99%	-5.39%	-17.91%
XLF	Financial Select Sector *	Financial Equities	-5	-1.63%	0.06%	-11.96%	-6.35%	-5.56%	-22.67%



Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-5	-3.40%	-2.56%	-9.33%	-5.37%	-4.68%	-13.53%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-5	-5.18%	-2.12%	-9.60%	-3.07%	-4.68%	-23.13%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-5	-2.51%	-0.30%	-9.84%	-6.55%	-5.44%	-15.57%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-5	-3.90%	-1.42%	-11.00%	-4.06%	-5.35%	-61.10%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-5	1.32%	-1.46%	-8.96%	-12.77%	-5.37%	-33.54%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-5	-5.29%	-3.85%	-9.83%	-2.65%	-6.69%	-26.22%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-5	-4.51%	-0.93%	-8.98%	-7.26%	-6.11%	-17.45%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-5	-5.44%	-1.43%	-9.88%	-4.96%	-4.78%	-14.90%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-5	-5.84%	-1.78%	-5.17%	-7.80%	-9.89%	-28.23%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-5	-5.31%	-1.46%	-8.52%	-3.89%	-6.22%	-23.84%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-5	-3.12%	-1.36%	-12.21%	-2.03%	-3.60%	-42.93%
DBC	PowerShares DB Commodity Index	Commodities	-5	-6.51%	0.44%	-4.91%	-7.30%	-7.07%	-25.16%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-5	-3.55%	-2.90%	-10.14%	-2.30%	-4.96%	-49.50%
DJP	Bloomberg Commodity Index	Commodities	-6	-6.69%	-1.05%	-5.59%	-10.23%	-9.10%	-26.55%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-6	-7.89%	0.84%	-8.35%	-6.60%	-4.64%	-17.02%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-6	-5.63%	-5.05%	-11.46%	-3.40%	-7.89%	-28.78%
IJR	S&P Sm.Cap 600	Small Blend	-6	-4.13%	-3.80%	-12.24%	-2.70%	-5.44%	-23.47%
IGE	iShares North American Natural Resources	Commodity Producers	-6	-8.32%	1.87%	-8.50%	-7.35%	-5.70%	-17.08%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-6	-2.20%	-0.52%	-12.83%	-6.88%	-6.46%	-51.00%
SCHD	Schwab US Dividend Equity	All Cap Equities	-6	-5.19%	-2.43%	-8.91%	-7.45%	-5.54%	-14.68%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-6	-2.99%	-1.64%	-14.67%	-6.50%	-7.36%	-27.65%
GSG	iShares GSCI Commodity Index	Commodities.	-6	-8.50%	0.47%	-6.72%	-9.80%	-8.85%	-27.30%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-6	-3.33%	-7.29%	-1.76%	-9.65%	9.23%	-29.05%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-6	-1.79%	-0.68%	-16.15%	-3.39%	-10.32%	-51.92%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-6	-2.80%	-3.82%	-12.34%	-6.96%	-8.01%	-24.67%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-6	-6.33%	-1.60%	-9.79%	-7.25%	-6.15%	-13.45%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-6	-5.65%	-4.34%	-10.70%	-1.43%	-7.19%	-28.77%
VFH	Vanguard Financials	Financials Equities	-7	-3.01%	-2.10%	-14.70%	-8.18%	-8.10%	-25.35%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-7	-5.59%	-3.47%	-9.86%	-8.51%	-7.46%	-15.79%
IYZ	Down Jones US Telecom	Commun. Equities	-7	-6.77%	-4.81%	-11.88%	-4.77%	-7.47%	-41.54%
EZA	iShares South Africa Index	Emerging Markets Equi	-7	-10.38%	-0.66%	-9.00%	-7.76%	-6.60%	-48.51%
DVY	iShares Select Dividend Index	Large Cap Value	-7	-6.13%	-2.57%	-10.25%	-7.36%	-6.55%	-15.45%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-7	-4.88%	-4.76%	-14.52%	-3.26%	-6.05%	-49.02%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-7	-6.65%	-2.98%	-11.05%	-9.20%	-7.35%	-14.31%
IWN	Russell 2000 Value	Small Value	-7	-4.19%	-4.45%	-14.30%	-5.78%	-8.19%	-26.13%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-8	-5.64%	-1.91%	-16.16%	-7.89%	-8.62%	-19.68%
XLE	Energy Select Sector *	Energy Equities	-8	-9.96%	0.26%	-10.51%	-10.37%	-7.21%	-16.67%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-8	-10.07%	-0.44%	-10.90%	-11.40%	-8.77%	-18.44%
VDE	Vanguard Energy VIPERS	Energy Equities	-8	-9.88%	-0.06%	-11.27%	-10.92%	-8.24%	-18.08%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-8	-5.66%	-5.70%	-14.53%	-5.70%	-7.74%	-68.61%
PSQ	ProShares Short QQQ	Inverse Equities	-8	-1.71%	-6.00%	-6.87%	-18.07%	-10.78%	-78.32%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-9	-10.88%	-0.95%	-11.44%	-13.48%	-12.34%	-24.16%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-10	-10.06%	-3.01%	-13.55%	-15.27%	-14.43%	-25.36%
XME	SPDR S&P Metals & Mining	Commodity Producers	-10	-11.10%	-5.07%	-17.23%	-4.94%	-7.25%	-28.09%

<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>
FXO	1st Trust Financials AlphaDEX	Financial Equities	-13	-8.36%	-5.78%	-24.08%	-15.65%	-15.60%	-28.92%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-21	-10.46%	-12.11%	-34.45%	-27.04%	-26.79%	-50.28%
KBE	SPDR S&P Bank	Specialty-Financial	-22	-12.36%	-14.65%	-34.39%	-28.37%	-28.29%	-46.47%
UNG	U.S. Natural Gas Fund	Oil & Gas	-25	-0.31%	-23.38%	-22.64%	-54.68%	-60.46%	-92.76%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-28	-3.15%	-0.83%	-55.95%	-50.76%	-46.56%	-57.30%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-30	-16.25%	-21.79%	-42.53%	-38.47%	-37.38%	-54.13%
SMH	VanEch Vectors Semiconductor	Technology Equities	-48	-51.24%	-51.10%	-50.01%	-39.37%	-44.33%	-61.13%