

# HV ETF Master List as of 11/16/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEck Vectors Semiconductor	Technology Equities	24	12.09%	14.95%	8.73%	59.47%	15.15%	0.00%
IYW	Dow Jones US Technology	Technology Equities	21	8.64%	11.01%	9.73%	55.95%	14.68%	-0.79%
XLK	Technology Select *	Technology Equities	20	9.85%	11.65%	9.68%	47.20%	13.50%	0.00%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	19	10.35%	10.77%	5.87%	47.14%	10.16%	-7.85%
IGV	iShares North American Tech-Software	Technology Equities	18	7.24%	9.62%	9.90%	45.68%	14.03%	-16.53%
ITB	iShares DJ US Home Construction	Building and Constructi	18	18.18%	9.34%	3.65%	42.11%	10.94%	-3.57%
VGT	Vanguard Info Technology	Technolgy Equities	17	9.24%	10.08%	7.79%	42.70%	11.28%	-2.21%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	17	7.22%	7.85%	6.85%	44.94%	11.38%	-4.47%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	17	8.22%	8.95%	7.41%	44.25%	12.25%	-6.10%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	16	7.31%	8.27%	6.95%	41.81%	11.68%	-52.76%
VUG	Vanguard Growth	Large Cap Growth	15	7.83%	8.20%	6.48%	38.60%	10.79%	-9.30%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	15	14.06%	7.15%	2.41%	35.18%	9.64%	-5.48%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	14	5.16%	1.01%	8.48%	40.69%	13.10%	-1.57%
IWF	Russell 1000 Growth	Large Growth	14	7.32%	7.65%	6.49%	34.40%	10.45%	-6.97%
VOX	Vanguard Telecom Serv's	Communication Equitie	13	4.51%	6.18%	6.34%	36.30%	9.29%	-25.59%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	13	6.04%	2.72%	7.72%	35.51%	11.06%	-15.07%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	12	6.11%	2.70%	7.83%	29.80%	8.99%	-0.37%
EWZ	iShares Brazil Index	Latin America Stock	12	11.86%	7.92%	6.62%	20.38%	11.61%	-30.45%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	10	8.13%	2.45%	1.88%	27.36%	5.20%	-21.56%
EWP	iShares Spain Index	Europe Stock	10	9.39%	4.78%	5.80%	21.38%	5.25%	-19.01%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	10	7.76%	2.15%	1.96%	28.55%	5.32%	-21.47%
EWW	iShares Mexico Index	Latin America Stock	10	14.71%	2.75%	-1.34%	24.61%	2.71%	-5.72%
ILF	iShares S&P 40 Latin America	Latin America Stock	10	10.49%	6.35%	3.39%	20.05%	7.56%	-30.43%
SPYG	S&P 500 Growth	Large Cap Growth	9	4.77%	4.75%	3.35%	23.13%	6.98%	-15.09%
IYC	iShares US Consumer Services	Consumer Discretionar	9	7.36%	3.66%	2.70%	22.91%	4.73%	-74.73%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	4.78%	4.50%	3.39%	23.16%	6.97%	-15.08%
IWW	S&P 500/BARRA Growth	Large Growth	9	4.79%	4.41%	3.30%	23.09%	6.94%	-15.09%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	9	5.94%	6.99%	3.65%	18.13%	4.09%	-30.00%
EWN	iShares Netherlands Index	Europe Stock	9	12.57%	8.36%	3.02%	11.79%	1.00%	-22.59%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	9	16.19%	7.85%	4.75%	9.13%	3.60%	-31.65%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	5.17%	5.58%	3.44%	22.67%	7.44%	-4.44%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8	4.68%	4.16%	3.02%	22.11%	6.58%	-15.04%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	8.96%	5.07%	2.66%	15.66%	1.07%	-9.30%
SPY	SPDR S&P 500	Large Cap Blend	8	5.58%	4.37%	3.05%	17.73%	5.73%	-5.75%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	8	5.54%	4.27%	2.96%	17.79%	5.65%	-53.58%
EWI	iShares Italy Index	Europe Stock	8	8.07%	2.98%	3.11%	19.27%	3.65%	-6.79%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8	5.57%	3.97%	3.03%	17.75%	5.69%	-5.82%
IVV	S&P 500	Large Blend	8	5.58%	3.90%	2.97%	17.72%	5.69%	-5.74%
VV	Vanguard LargeCap	Large Cap Blend	8	5.66%	4.46%	3.28%	18.50%	5.99%	-6.91%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	5.47%	3.49%	2.41%	16.38%	5.01%	-8.31%
IWB	Russell 1000 Index	Large Blend	7	5.47%	3.72%	2.84%	17.25%	5.43%	-7.25%

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GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	5.41%	3.98%	2.81%	16.29%	5.28%	-7.41%
IWV	Russell 3000 Index	All Cap Equities	7	5.42%	3.47%	2.48%	16.31%	5.00%	-8.04%
EZU	European Monetary Union Index	Europe Stock	7	8.94%	4.01%	1.87%	13.05%	0.53%	-13.41%
VTI	Total Stock Market VIPERs	All Cap Equities	7	5.43%	3.95%	2.51%	16.40%	5.04%	-8.40%
EWD	iShares Sweden Index	Europe Stock	7	7.52%	6.89%	7.03%	7.42%	0.83%	-29.68%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	5.49%	3.98%	2.55%	16.54%	5.10%	-54.08%
IWP	Russell MidCap Growth	Mid-Cap Growth	6	4.76%	3.51%	1.43%	12.58%	2.20%	-23.65%
IVE	S&P 500/BARRA Value	Large Value	6	6.56%	3.33%	2.55%	11.80%	4.19%	-2.73%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6	2.83%	2.95%	1.65%	17.36%	5.19%	-3.87%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	5.86%	4.30%	2.62%	12.62%	3.98%	-20.73%
ACWI	iShares MSCI ACWI	Global Equities	6	5.50%	3.43%	2.78%	13.71%	3.72%	-9.99%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	6.58%	2.58%	2.06%	14.33%	0.99%	-18.44%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	6	6.35%	2.25%	1.74%	12.85%	-0.21%	-10.44%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	6	4.32%	1.29%	3.03%	13.48%	2.18%	-15.66%
VT	Vanguard Total World Stock Index	Global Equities	6	5.52%	3.06%	1.90%	12.44%	3.04%	-11.28%
EWG	iShares Germany Index	Europe Stock	6	8.52%	3.56%	1.58%	11.73%	-0.47%	-24.26%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	6	8.79%	3.77%	2.06%	11.15%	1.81%	-34.75%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	5	4.31%	1.25%	3.10%	10.36%	1.00%	-10.94%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	5	7.20%	6.80%	5.13%	2.54%	5.83%	-22.77%
EWQ	iShares France Index	Europe Stock	5	7.28%	1.91%	-0.19%	11.23%	-1.25%	-8.92%
EWJ	iShares Japan Index	Japan Stock	5	4.90%	-0.39%	2.90%	12.77%	2.22%	-17.17%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	5	6.85%	7.98%	1.97%	3.41%	2.30%	-51.76%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	7.47%	3.55%	0.59%	7.87%	-1.54%	-20.70%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	4.32%	2.76%	0.38%	10.68%	1.40%	-25.15%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	5	5.27%	1.79%	1.71%	11.56%	1.04%	-14.41%
PIN	PowerShares India Portfolio	Emerging Markets Equi	4	0.81%	0.38%	1.76%	11.46%	6.04%	-55.05%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	5.54%	1.50%	1.62%	8.00%	-0.23%	-13.69%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4	0.68%	1.00%	2.60%	9.78%	4.15%	-3.66%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	5.57%	2.08%	1.59%	6.59%	0.15%	-17.99%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4	5.55%	1.42%	1.72%	8.57%	0.27%	-14.37%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	4.76%	2.77%	2.64%	5.64%	3.49%	-4.85%
IAU	iShares Gold Trust	Precious Metals	4	0.35%	3.19%	3.31%	8.41%	2.06%	-4.87%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	4.29%	2.26%	1.69%	8.31%	3.09%	-3.37%
IYT	Dow Jones Transportation	Transportation Equities	4	5.92%	1.05%	-3.18%	11.55%	1.22%	-14.91%
IYJ	Dow Jones US Industrial	Industrial Equities	4	5.36%	2.16%	-0.33%	8.03%	2.35%	-46.00%
IYF	Dow Jones US Financial Sector	Specialty-Financial	4	6.59%	2.25%	3.54%	3.75%	5.15%	-45.41%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	5.48%	1.67%	1.23%	6.50%	0.03%	-18.39%
IWY	Russell Top 200 Growth	Small Growth	4	7.73%	8.32%	0.00%	0.00%	0.00%	0.00%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	4	6.65%	1.69%	-1.89%	7.58%	-0.89%	-20.97%
GLD	SPDR Gold Shares	Precious Metals	4	0.33%	3.17%	3.28%	8.28%	2.01%	-5.26%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	5.58%	1.23%	1.30%	7.19%	-0.47%	-15.51%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	4	5.51%	3.19%	1.19%	5.44%	1.23%	-29.11%
IEV	S&P Europe 350 Index	Europe Stock	4	5.76%	1.90%	1.11%	9.01%	-0.42%	-11.46%
KIE	SPDR S&P Insurance	Specialty-Financial	4	1.86%	1.34%	4.53%	7.13%	6.19%	-53.25%

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VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	4	4.62%	2.33%	1.48%	6.70%	2.93%	-5.92%
VIS	Vanguard Industrials	industrials Equities	4	5.61%	2.51%	-0.46%	10.17%	2.86%	-5.36%
XLI	Industrial Select Sector *	Industrial Equities	4	5.22%	2.74%	-0.67%	6.85%	2.23%	-5.25%
VGK	Vanguard European	Europe Equities	4	6.28%	2.16%	0.82%	8.35%	-0.74%	-14.92%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	5.59%	1.33%	0.81%	7.08%	-0.49%	-15.89%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	4	5.37%	1.77%	0.91%	6.44%	-0.05%	-18.24%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	4.87%	2.65%	-0.07%	3.21%	0.14%	-28.78%
XLF	Financial Select Sector *	Financial Equities	3	6.51%	2.68%	2.96%	1.84%	4.04%	-15.91%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	3.52%	-0.78%	2.37%	7.54%	0.86%	-17.17%
VFH	Vanguard Financials	Financials Equities	3	6.43%	2.14%	2.65%	1.69%	3.92%	-17.32%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	4.46%	0.32%	1.37%	7.03%	0.10%	-11.75%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	3	5.56%	3.39%	1.13%	3.72%	0.66%	-32.18%
EWK	iShares Belgium Index	Europe Stock	3	8.11%	1.35%	0.17%	0.39%	-0.79%	-22.49%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	3	5.10%	2.21%	1.39%	4.51%	2.48%	-10.00%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	3	-15.26%	0.75%	9.45%	16.15%	15.48%	-15.26%
VXUS	Vanguard Total International Stock	Global Equities	3	5.31%	1.65%	0.77%	6.25%	-0.25%	-18.59%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3	4.22%	2.45%	1.80%	2.45%	1.26%	-10.83%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	3	4.74%	1.20%	-0.83%	8.85%	0.93%	-27.69%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	3	8.33%	1.34%	-0.58%	1.02%	-0.45%	-39.06%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	5.86%	0.81%	-0.65%	5.04%	-0.92%	-23.96%
XME	SPDR S&P Metals & Mining	Commodity Producers	3	3.99%	1.14%	2.48%	3.67%	1.52%	-21.58%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	3	6.95%	1.92%	2.10%	2.69%	3.25%	-20.53%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3	5.06%	0.56%	1.44%	6.11%	0.05%	-20.29%
INDA	iShares MSCI India	Emerging Markets Equi	3	1.47%	1.19%	2.76%	7.76%	6.01%	-11.42%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	3	4.15%	-0.62%	0.76%	8.36%	0.99%	-23.19%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	3	6.54%	5.42%	1.54%	-1.03%	1.85%	-10.58%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	3	3.94%	0.59%	1.33%	7.36%	-0.90%	-5.43%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	3	4.69%	2.55%	0.66%	3.68%	0.62%	-29.14%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	3	8.38%	2.31%	1.97%	-2.35%	-0.12%	-38.03%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	3	5.50%	0.04%	0.49%	4.59%	2.88%	-26.73%
VO	Vanguard Mid-Cap	Mid-Cap Blend	3	4.54%	1.65%	-0.50%	4.44%	0.37%	-18.51%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	2	4.67%	3.09%	1.07%	0.93%	-0.92%	-35.94%
ICF	Cohen & Steers Realty	Real Estate	2	9.18%	2.12%	-1.23%	-3.32%	-1.64%	-57.91%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	2	0.22%	0.04%	0.93%	7.40%	3.81%	-15.35%
UUP	PowerShares DB US Dollar Bullish	Currency	2	-1.24%	0.00%	1.69%	5.93%	3.00%	-3.95%
IYM	Dow Jones US Basic Mat's	Materials	2	4.68%	1.27%	-0.83%	2.96%	-0.84%	-16.60%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	2	4.49%	1.02%	-1.02%	4.52%	0.12%	-68.54%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	2	17.74%	4.57%	-4.08%	-11.31%	-5.58%	-55.86%
MDY	MidCap Trust Series I	Mid-Cap Blend	2	4.06%	0.87%	-2.12%	3.83%	-0.51%	-13.42%
EZA	iShares South Africa Index	Emerging Markets Equi	2	6.74%	5.28%	1.74%	-5.09%	-0.01%	-47.03%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	3.83%	0.78%	0.22%	1.48%	0.20%	-71.88%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	3.39%	0.80%	1.21%	3.63%	2.13%	-7.80%
VAW	Vanguard Materials VIPERS	Materials	2	5.47%	1.56%	-0.83%	3.18%	-0.25%	-11.97%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	3.93%	0.99%	0.40%	1.32%	0.36%	-16.15%

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IJH	S&P MidCap 400	Mid-Cap Blend	2	4.15%	0.47%	-2.21%	3.84%	-0.51%	-13.55%
XRT	SPDR S&P Retail *	Consumer Discretionar	2	3.34%	2.79%	-0.34%	1.80%	-1.47%	-40.92%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	6.56%	0.00%	-0.54%	1.20%	-2.38%	-27.72%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	2	2.90%	0.35%	0.58%	2.27%	0.24%	-10.25%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	2	4.69%	1.35%	-2.17%	2.68%	-0.27%	-46.92%
BNDX	Vanguard Total International Bond	Total Bond Market	2	3.02%	1.41%	0.58%	2.91%	0.75%	-17.58%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	2	3.12%	0.57%	-1.94%	6.40%	0.20%	-71.72%
SCHH	Schwab U.S. REIT	Real Estate	2	8.45%	2.59%	-1.43%	-3.53%	-1.97%	-64.68%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	6.01%	-0.15%	-1.09%	3.75%	-1.99%	-25.93%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	2	5.67%	2.08%	-0.31%	1.62%	1.09%	-66.17%
VBR	Vanguard SmallCap Value	Small Cap Value	2	4.80%	1.33%	-1.54%	1.82%	0.34%	-12.94%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	2	-7.73%	1.10%	5.17%	9.48%	8.49%	-7.73%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	2	4.10%	0.21%	0.06%	4.36%	-1.39%	-21.39%
RSP	Guggenheim S&P Equal Weight	Large Blend	2	4.36%	1.07%	-1.15%	2.51%	-0.18%	-11.82%
EWA	iShares Australia Index	Asia Pacific Equities	2	4.72%	2.95%	2.90%	-1.12%	-1.76%	-19.72%
EWC	iShares Canada Index	Foreign Large Cap Equ	2	3.71%	0.24%	1.46%	4.16%	-0.34%	-16.16%
XLB	Materials Select Sector *	Materials	2	5.12%	2.13%	-0.55%	3.14%	0.08%	-11.58%
PKW	PowerShares Buyback Achievers	All Cap Equities	2	3.24%	0.25%	-0.26%	6.04%	3.04%	-7.52%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2	4.05%	0.54%	0.40%	1.46%	0.42%	-19.54%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	8.51%	0.91%	1.28%	-0.81%	-1.34%	-28.31%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	8.07%	0.71%	1.21%	-1.39%	-0.87%	-27.29%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	2	7.35%	0.30%	0.35%	-1.75%	-4.44%	-32.04%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	2.75%	0.40%	0.11%	1.68%	0.45%	-10.96%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	1	8.72%	1.03%	1.03%	-6.46%	-2.40%	-37.87%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	1	5.32%	0.42%	-2.53%	1.08%	-1.27%	-41.11%
IJR	S&P Sm.Cap 600	Small Blend	1	4.86%	0.54%	-3.04%	0.51%	-1.67%	-20.94%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	2.32%	1.01%	0.17%	-0.60%	-0.93%	-14.84%
EWM	iShares Malaysia Index	Emerging Markets Equi	1	3.88%	2.54%	2.88%	-6.17%	1.07%	-41.24%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	4.12%	0.63%	-1.09%	-0.82%	-2.55%	-26.39%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1	3.93%	0.85%	-0.56%	-1.43%	-1.78%	-22.37%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.38%	0.05%	0.53%	2.48%	0.51%	-10.16%
BSV	Vanguard Short Term Bond	Total Bond Market	1	1.34%	0.89%	0.49%	0.57%	0.06%	-9.11%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	4.69%	1.72%	-0.55%	-2.45%	-1.77%	-30.43%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	1	1.36%	-1.40%	-1.92%	4.23%	-1.04%	-27.27%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	1	3.34%	0.10%	-0.70%	1.44%	0.49%	-9.53%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	1	3.82%	0.92%	-1.02%	0.95%	0.36%	-59.07%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	5.31%	0.56%	-0.96%	-0.77%	-0.93%	-28.85%
VTV	Vanguard Value	Large Cap Value	1	2.93%	0.11%	-0.60%	-0.03%	0.42%	-6.94%
EWL	iShares Switzerland Index	Europe Stock	1	3.50%	-1.30%	-2.73%	5.20%	-3.02%	-16.80%
VNQ	Vanguard REIT Index	Real Estate	1	8.63%	1.47%	-2.10%	-4.00%	-2.44%	-31.75%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	4.93%	0.17%	-1.30%	-1.59%	-1.51%	-27.93%
EWU	iShares United Kingdom Index	Europe Stock	1	1.44%	-1.34%	0.99%	3.13%	-1.93%	-16.53%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.77%	0.19%	0.40%	1.48%	0.07%	-10.23%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	3.20%	0.53%	0.76%	0.76%	1.23%	-14.77%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	1.43%	0.73%	0.35%	0.56%	0.15%	-8.77%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	4.44%	0.93%	1.19%	-3.45%	0.77%	-21.83%
FXB	CurrencyShares British Pound	Currency	1	1.98%	0.80%	-1.53%	2.76%	-0.30%	-17.95%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	4.85%	0.74%	-1.19%	-0.92%	-0.51%	-12.52%
FXE	CurrencyShares Euro Currency Trust	Currency	1	2.41%	1.73%	0.33%	1.40%	0.44%	-16.84%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	2.23%	0.93%	0.29%	-0.17%	-0.52%	-13.57%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	4.43%	2.76%	2.14%	-5.23%	-3.51%	-24.87%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	2.76%	0.61%	0.27%	1.00%	0.35%	-14.01%
KBE	SPDR S&P Bank	Specialty-Financial	1	8.94%	7.16%	2.69%	-12.80%	3.53%	-34.83%
IYR	Dow Jones US Real Estate	Real Estate	1	8.80%	1.46%	-2.13%	-2.77%	-1.91%	-29.52%
MUB	iShares S&P National Muni Bond	National Munis	1	3.60%	0.82%	-0.38%	-0.74%	-0.77%	-11.19%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	1	6.28%	-0.30%	-0.03%	-1.34%	-1.33%	-25.22%
PZA	Pshares Insured National Munis	National Munis	1	4.49%	1.24%	-0.57%	-0.61%	-1.56%	-17.15%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	2.55%	0.20%	-0.08%	1.20%	0.07%	-12.83%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	1	4.51%	0.27%	-3.35%	2.42%	-1.77%	-62.33%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1	5.91%	0.85%	-0.77%	-1.27%	-1.74%	-25.20%
IWS	Russell MidCap Value	Mid-Cap Value	1	4.44%	0.09%	-1.92%	0.41%	-0.83%	-14.42%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	1	3.35%	0.30%	-2.54%	3.38%	-1.02%	-18.66%
IWD	Russell 1000 Value	Large Value	1	3.30%	-0.67%	-1.24%	1.45%	-0.09%	-9.77%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	8.14%	0.11%	-2.19%	-3.35%	-3.61%	-35.22%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	4.77%	1.10%	-0.18%	-0.23%	-1.01%	-20.42%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	1.69%	0.85%	0.45%	0.76%	0.24%	-9.00%
VB	Vanguard SmallCap	Small Cap Blend	1	4.13%	0.71%	-2.43%	3.47%	-0.97%	-20.67%
VBK	Vanguard SmallCap Growth	Small Cap Growth	1	3.03%	-0.40%	-3.60%	5.95%	-2.68%	-30.52%
RWX	SPDR DJ Wil Intern. RE	Real Estate	1	7.96%	1.98%	0.00%	-7.77%	-3.16%	-42.73%
SLV	iShares Silver Trust	Precious Metals	0	3.08%	1.49%	-1.58%	-1.18%	1.58%	-19.41%
JXI	iShares S&P Global Utilities	Utilities Equities	0	7.01%	-1.04%	0.05%	-5.09%	-2.50%	-15.38%
RWR	Wilshire REIT Fund	Real Estate	0	6.32%	0.61%	-3.52%	-2.16%	-2.93%	-30.20%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	0	6.79%	1.05%	-2.43%	-3.86%	-2.87%	-30.47%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	3.76%	0.38%	-0.95%	-2.06%	-2.06%	-21.45%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	3.70%	0.43%	-0.91%	-1.99%	-2.01%	-20.54%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	2.92%	0.50%	-0.85%	-2.16%	-2.19%	-21.45%
FXO	1st Trust Financials AlphaDEX	Financial Equities	0	4.92%	0.83%	0.31%	-5.27%	1.19%	-20.18%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.59%	0.56%	0.31%	0.00%	-0.13%	-7.25%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.02%	-0.08%	-0.04%	0.85%	0.26%	-0.65%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	0	1.23%	3.13%	1.39%	-5.61%	-4.00%	-38.80%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	3.69%	0.08%	-1.19%	-2.18%	-2.25%	-21.80%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	2.68%	0.79%	-0.31%	-1.79%	-1.64%	-18.00%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	3.67%	0.51%	-0.77%	-1.81%	-1.89%	-21.17%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.66%	0.64%	0.44%	0.21%	0.00%	-6.29%
IWM	Russell 2000	Small Blend	0	4.31%	-0.67%	-4.01%	0.87%	-2.59%	-27.49%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.07%	0.05%	-0.05%	0.30%	0.09%	-1.00%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	4.74%	-1.84%	1.52%	-3.94%	-2.34%	-27.29%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.61%	0.50%	0.25%	-0.39%	-0.29%	-7.11%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	0	3.60%	0.09%	-1.12%	-0.71%	-0.34%	-11.65%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	2.69%	0.86%	-0.19%	-1.40%	-1.47%	-18.62%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	1.78%	0.09%	-1.04%	-1.96%	-2.35%	-20.26%
IJS	S&P SmallCap 600/BARRA Value	Small Value	0	5.10%	-0.13%	-3.89%	-1.62%	-3.02%	-48.15%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	0	3.95%	-0.80%	-3.50%	-0.48%	-1.88%	-9.26%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	0	2.61%	0.44%	-0.06%	-3.88%	-4.31%	-35.86%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	0	3.57%	0.03%	-0.33%	-5.15%	-1.53%	-12.69%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	0	1.78%	0.08%	-1.07%	-1.89%	-2.33%	-20.47%
RWM	ProShares Short Russell2000	Inverse Equities	0	-4.01%	0.70%	3.61%	-0.85%	2.23%	-61.35%
IWN	Russell 2000 Value	Small Value	0	4.80%	-0.06%	-3.04%	-1.72%	-1.50%	-22.95%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	3.96%	0.42%	-1.33%	-3.46%	-3.23%	-24.86%
IWO	Russell 2000 Growth	Small Growth	0	3.60%	-1.45%	-5.21%	2.90%	-3.90%	-34.43%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	0	3.77%	0.94%	-0.71%	-5.74%	-1.90%	-13.87%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	0.00%	-83.14%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-1	9.17%	4.11%	2.35%	-18.11%	-0.49%	-44.20%
MCHI	iShares MSCI China	China Equities	-1	3.74%	1.26%	-1.21%	-8.99%	-5.88%	-55.52%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-1	2.42%	-0.28%	-1.08%	-3.27%	-0.62%	-8.99%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-1	4.57%	-0.91%	-1.96%	-5.28%	-2.30%	-17.41%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	7.89%	-0.51%	-3.50%	-6.02%	-5.78%	-42.07%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-1	-2.67%	-0.98%	0.13%	-0.27%	-5.07%	-39.65%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-1	-3.05%	-1.04%	-0.24%	-0.17%	-5.48%	-35.75%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1	2.91%	-0.75%	-2.15%	-3.57%	-3.31%	-23.32%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	7.02%	-0.74%	-4.20%	-7.89%	-7.01%	-42.17%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	-0.37%	0.89%	0.79%	-5.83%	-0.04%	-14.80%
SDY	SPDR Dividend ETF	Large Value	-1	4.45%	0.13%	-2.06%	-5.91%	-2.65%	-11.05%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-1	-0.26%	1.40%	-1.11%	-2.64%	-4.30%	-45.81%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-2	-1.01%	-1.90%	0.89%	-4.16%	-1.56%	-16.28%
XLP	Consumer Staples Select *	Consumer Staples	-2	3.04%	-1.33%	-3.39%	-6.67%	-4.50%	-13.64%
DVY	iShares Select Dividend Index	Large Cap Value	-2	3.20%	-1.77%	-1.77%	-9.15%	-3.32%	-17.08%
XLU	Utilities Select Sector *	Utilities Equities	-2	5.93%	-2.03%	-1.63%	-11.89%	-4.37%	-20.48%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-2	0.49%	-1.64%	-3.25%	-3.48%	-2.33%	-33.42%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-2	-0.05%	-1.46%	-2.97%	-5.40%	-1.80%	-10.03%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-2	2.53%	-2.34%	-5.03%	-2.75%	-5.40%	-32.99%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-2	3.30%	-0.97%	-2.66%	-6.33%	-0.85%	-13.79%
HDGE	Ranger Equity Bear	Inverse Equities	-2	-3.27%	3.94%	7.77%	-16.56%	0.03%	-78.64%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-2	2.87%	-2.31%	-3.15%	-4.05%	-3.67%	-11.76%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	8.28%	-1.19%	-5.57%	-9.98%	-8.99%	-47.76%
SCHD	Schwab US Dividend Equity	All Cap Equities	-2	1.13%	-0.92%	-3.07%	-6.31%	-2.09%	-13.63%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-2	2.98%	-4.01%	-4.18%	-4.67%	-3.24%	-11.90%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-2	5.03%	-1.86%	-0.76%	-9.52%	-4.14%	-16.76%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-2	9.33%	7.48%	1.34%	-24.19%	0.67%	-43.48%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-2	5.76%	-0.20%	-4.70%	-7.10%	-7.14%	-86.85%
FXI	iShares China 25 Index	China Equities	-2	2.11%	-0.42%	-2.68%	-7.77%	-5.66%	-52.08%
IDU	Dow Jones US Utilities	Utilities Equities	-2	6.12%	-1.95%	-0.70%	-10.10%	-3.44%	-56.06%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SIL	Global X Silver Miners	Commodity Producers	-3	1.36%	0.68%	-1.79%	-10.26%	-6.20%	-52.83%
VHT	Vanguard Health Care	Health & Biotech Equiti	-3	0.13%	-2.19%	-3.80%	-5.95%	-2.93%	-12.79%
ECH	iShares Chile Index	Latin America	-3	6.12%	-2.16%	-10.37%	-4.58%	-8.20%	-53.98%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-3	12.27%	-2.76%	-8.66%	-14.84%	-13.24%	-60.45%
IXC	S&P Global Energy	Energy Equities	-3	-7.61%	-4.87%	-0.64%	-0.36%	0.34%	-8.80%
IYH	Dow Jones US Healthcare	Specialty-Health	-3	-0.08%	-2.24%	-3.74%	-5.37%	-2.45%	-11.07%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-3	2.15%	-1.46%	-4.19%	-8.38%	-4.67%	-17.96%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-3	-4.76%	-0.48%	-1.27%	-6.95%	0.32%	-47.86%
DOG	ProShares Short Dow 30	Bear Market	-3	-4.02%	-1.53%	-2.22%	-3.39%	-2.55%	-64.00%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-3	1.73%	-2.10%	-1.93%	-8.37%	-2.96%	-14.50%
IYZ	Down Jones US Telecom	Commun. Equities	-3	1.10%	-2.98%	-2.94%	-5.71%	-3.61%	-42.12%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-3	5.72%	-3.08%	-2.01%	-12.70%	-5.10%	-20.97%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-3	-1.17%	-2.14%	-0.50%	-8.58%	-3.09%	-18.78%
EWH	iShares Hong Kong Index	China Equities	-3	4.40%	2.45%	-0.40%	-16.47%	-8.18%	-37.54%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-3	2.89%	-3.23%	-3.79%	-7.36%	-4.27%	-11.98%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-3	2.81%	-1.20%	-2.49%	-9.77%	-3.40%	-19.68%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-4	13.08%	-2.90%	-9.55%	-16.04%	-14.07%	-61.41%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-4	0.19%	-2.39%	-2.78%	-10.25%	-3.67%	-15.30%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-4	-0.37%	-4.60%	-4.13%	-6.78%	-3.36%	-11.60%
IGE	iShares North American Natural Resources	Commodity Producers	-4	-6.53%	-5.07%	-2.97%	-2.90%	-0.99%	-13.10%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-4	-8.20%	-2.63%	-2.40%	-2.40%	2.32%	-14.02%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-4	1.71%	-2.12%	-3.48%	-10.81%	-8.87%	-46.14%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-4	5.33%	0.44%	-6.59%	-13.59%	-2.58%	-60.33%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-4	-3.65%	-5.02%	-3.73%	-5.02%	-1.40%	-26.06%
BBH	VanEck Vectors Biotech	Health & Biotech	-5	-0.89%	-4.49%	-7.31%	-6.69%	-5.76%	-32.48%
FXV	CurrencyShares Japanese Yen Trust	Currency	-5	-0.71%	-2.18%	-3.40%	-13.39%	-6.62%	-36.31%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-5	-9.77%	-4.26%	-3.52%	-0.79%	2.34%	-13.04%
DBC	PowerShares DB Commodity Index	Commodities	-5	-6.75%	-6.50%	-2.32%	-4.22%	-1.29%	-22.67%
DJP	Bloomberg Commodity Index	Commodities	-5	-4.72%	-4.08%	-2.25%	-7.27%	-1.18%	-24.13%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-5	-1.28%	-7.58%	-5.33%	-6.43%	2.52%	-26.53%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-6	4.53%	-4.84%	-9.88%	-15.51%	-11.46%	-59.69%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-6	-0.57%	-5.58%	-9.05%	-10.15%	-8.84%	-25.08%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-4.81%	-3.14%	-2.74%	-13.54%	-4.84%	-66.72%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-6	-1.57%	-5.32%	-8.41%	-7.37%	-3.76%	-14.57%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-6	-0.06%	-3.90%	-7.18%	-13.08%	-8.94%	-26.23%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-6	0.55%	-2.62%	-4.33%	-16.74%	-6.77%	-30.79%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-6	2.86%	-2.48%	-8.64%	-16.43%	-7.68%	-38.23%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-6	-0.49%	-4.89%	-7.75%	-10.86%	-7.67%	-65.67%
VDE	Vanguard Energy VIPERS	Energy Equities	-6	-9.56%	-7.23%	-4.08%	-4.04%	-1.13%	-11.75%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-7	-1.22%	-5.50%	-10.11%	-11.41%	-7.71%	-16.65%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-7	-0.53%	-6.62%	-7.85%	-12.76%	-9.04%	-30.87%
GSG	iShares GSCI Commodity Index	Commodities.	-7	-9.69%	-9.37%	-3.45%	-3.82%	-1.36%	-22.48%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-7	-9.46%	-7.31%	-4.32%	-6.17%	-2.02%	-13.62%
XLE	Energy Select Sector *	Energy Equities	-7	-9.64%	-6.97%	-4.38%	-5.17%	-1.89%	-11.83%

<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>
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-8	5.15%	2.17%	1.94%	-42.17%	-39.15%	-51.79%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-10	-1.71%	-11.06%	-15.80%	-11.65%	-11.71%	-35.40%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-11	5.29%	0.87%	-1.96%	-48.74%	-10.25%	-55.54%
PSQ	ProShares Short QQQ	Inverse Equities	-13	-6.34%	-6.43%	-6.60%	-30.77%	-10.66%	-81.68%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-18	4.25%	1.96%	1.42%	-78.83%	-68.22%	-81.29%
UNG	U.S. Natural Gas Fund	Oil & Gas	-18	-7.81%	-3.78%	-5.49%	-54.82%	-10.57%	-92.79%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-20	-0.62%	0.83%	-1.11%	-80.07%	-69.18%	-86.32%