

# HV ETF Master List as of 02/15/2024

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	18	12.37%	16.95%	25.26%	15.87%	28.56%	-0.60%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	15	11.20%	14.67%	18.40%	14.19%	21.28%	-7.54%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	13	9.23%	11.83%	21.80%	8.60%	11.33%	-19.30%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	13	13.49%	12.88%	8.50%	18.62%	12.16%	-18.74%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	13	8.66%	10.67%	21.97%	9.13%	22.66%	-0.12%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	12	7.13%	10.16%	26.62%	4.46%	15.61%	-46.39%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	12	9.03%	13.03%	16.48%	10.73%	13.10%	0.00%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	11	6.12%	13.43%	9.66%	14.37%	15.71%	0.00%
VOX	Vanguard Telecom Serv's	Communication Equitie	11	8.91%	10.09%	14.04%	10.00%	17.30%	-14.05%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	10	4.61%	13.45%	10.75%	12.72%	14.69%	0.00%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	10	8.65%	9.03%	14.05%	8.42%	15.41%	-8.17%
IYT	Dow Jones Transportation	Transportation Equities	10	8.96%	6.87%	15.44%	7.13%	14.29%	0.00%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	10	7.27%	5.43%	22.32%	5.83%	22.47%	-14.78%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	10	8.18%	9.02%	13.69%	8.65%	-40.12%	-84.14%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	10	4.58%	11.85%	9.21%	12.46%	14.11%	-5.94%
IGV	iShares North American Tech-Software	Technology Equities	9	5.98%	7.07%	14.40%	7.36%	19.44%	-2.47%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	9	6.82%	8.45%	12.81%	8.40%	16.71%	-46.09%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9	6.61%	8.39%	12.16%	8.34%	16.40%	-0.72%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	9	6.43%	5.63%	16.78%	5.97%	15.97%	-0.07%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	6.88%	8.78%	12.20%	8.67%	14.04%	-3.82%
IWO	Russell 2000 Growth	Small Growth	9	9.49%	5.33%	16.80%	4.48%	12.10%	-21.72%
SPYG	S&P 500 Growth	Large Cap Growth	9	6.86%	8.82%	12.26%	8.65%	14.08%	-3.80%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	7.01%	8.76%	12.29%	8.55%	14.05%	-3.55%
IYW	Dow Jones US Technology	Technology Equities	9	5.89%	8.15%	13.09%	7.88%	17.74%	-1.51%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	9	7.89%	6.56%	13.91%	6.49%	12.76%	-67.18%
IWY	Russell Top 200 Growth	Small Growth	9	6.39%	8.59%	12.39%	8.45%	0.00%	-0.76%
IVW	S&P 500/BARRA Growth	Large Growth	9	6.89%	8.79%	12.26%	8.64%	14.05%	-3.80%
VUG	Vanguard Growth	Large Cap Growth	9	6.51%	8.06%	12.37%	7.96%	16.02%	-0.60%
IWF	Russell 1000 Growth	Large Growth	9	6.45%	8.31%	12.61%	8.08%	16.10%	-0.55%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	9	5.28%	4.70%	20.81%	4.27%	20.94%	-0.84%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	8	6.40%	7.66%	12.04%	7.49%	14.29%	0.00%
VBK	Vanguard SmallCap Growth	Small Cap Growth	8	8.10%	4.49%	15.86%	4.08%	12.08%	-17.71%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	8	6.99%	5.87%	14.17%	4.68%	14.66%	-7.84%
XLF	Financial Select Sector *	Financial Equities	8	6.54%	6.74%	12.41%	5.77%	14.05%	-3.98%
EWN	iShares Netherlands Index	Europe Stock	8	8.54%	5.85%	11.57%	5.89%	12.34%	-12.12%
KIE	SPDR S&P Insurance	Specialty-Financial	8	5.61%	9.53%	8.51%	8.29%	13.49%	-47.81%
IWP	Russell MidCap Growth	Mid-Cap Growth	8	6.86%	6.27%	14.26%	5.47%	14.36%	-10.63%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	7	5.21%	6.56%	11.55%	6.10%	14.73%	-0.58%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	5.55%	6.90%	10.42%	6.62%	11.78%	0.00%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	7	5.90%	6.76%	10.17%	6.27%	8.24%	-31.62%
XRT	SPDR S&P Retail *	Consumer Discretionar	7	8.17%	2.41%	15.79%	2.30%	14.88%	-28.97%

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XLI	Industrial Select Sector *	Industrial Equities	7	6.28%	5.46%	11.66%	4.17%	11.37%	0.00%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	7	7.39%	5.19%	10.10%	5.53%	-15.66%	-46.12%
SPY	SPDR S&P 500	Large Cap Blend	7	5.36%	6.20%	10.26%	5.62%	11.89%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	5.54%	6.20%	10.70%	5.67%	12.26%	-47.98%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	5.60%	5.87%	10.85%	5.30%	12.08%	-48.45%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	7	4.14%	8.04%	10.69%	6.43%	9.31%	0.00%
INDA	iShares MSCI India	Emerging Markets Equi	7	4.07%	6.06%	13.03%	4.65%	12.92%	0.00%
IWV	Russell 3000 Index	All Cap Equities	7	5.57%	5.82%	10.85%	5.25%	11.99%	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	5.38%	6.03%	10.78%	5.89%	12.29%	0.00%
XLK	Technology Select *	Technology Equities	7	4.49%	6.60%	10.87%	6.22%	15.44%	-1.63%
IYH	Dow Jones US Healthcare	Specialty-Health	7	4.17%	8.04%	11.04%	6.30%	9.14%	0.00%
IVV	S&P 500	Large Blend	7	5.36%	6.20%	10.25%	5.59%	11.84%	0.00%
VV	Vanguard LargeCap	Large Cap Blend	7	5.39%	6.22%	10.41%	5.79%	12.21%	0.00%
IWB	Russell 1000 Index	Large Blend	7	5.44%	5.97%	10.61%	5.42%	12.05%	0.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	5.58%	5.80%	10.83%	5.23%	11.95%	0.00%
IYJ	Dow Jones US Industrial	Industrial Equities	7	5.80%	5.06%	12.18%	4.04%	12.06%	-38.34%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	7	5.36%	6.24%	10.28%	5.63%	11.86%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	7	3.01%	3.11%	20.27%	2.56%	20.39%	-1.09%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	6.90%	3.58%	14.87%	3.05%	13.07%	-15.28%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	7	2.91%	6.22%	13.24%	5.37%	8.63%	-84.69%
VIS	Vanguard Industrials	industrials Equities	7	6.74%	5.18%	12.52%	4.11%	12.20%	0.00%
VHT	Vanguard Health Care	Health & Biotech Equiti	7	4.31%	7.83%	11.67%	6.10%	9.34%	-0.57%
VGT	Vanguard Info Technology	Technolgy Equities	7	5.19%	6.48%	11.90%	6.29%	15.26%	-1.34%
IYF	Dow Jones US Financial Sector	Specialty-Financial	7	6.45%	6.09%	12.57%	4.77%	14.47%	-37.61%
VFH	Vanguard Financials	Financials Equities	7	6.33%	5.81%	12.82%	4.70%	14.21%	-5.06%
PIN	PowerShares India Portfolio	Emerging Markets Equi	7	4.25%	6.54%	11.84%	4.41%	11.98%	-49.37%
VTI	Total Stock Market VIPERs	All Cap Equities	7	5.54%	5.79%	10.82%	5.29%	12.00%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	6	2.86%	6.31%	8.32%	4.66%	7.07%	-26.25%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	6	5.55%	2.57%	13.66%	2.16%	11.28%	-38.85%
IJH	S&P MidCap 400	Mid-Cap Blend	6	5.31%	3.04%	11.45%	2.83%	9.83%	-1.91%
IWM	Russell 2000	Small Blend	6	7.26%	2.41%	14.00%	1.86%	10.45%	-15.72%
FXO	1st Trust Financials AlphaDEX	Financial Equities	6	4.35%	2.66%	12.78%	2.56%	12.03%	-8.66%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	5.83%	1.79%	13.95%	2.48%	11.82%	-7.82%
IYC	iShares US Consumer Services	Consumer Discretionar	6	6.32%	3.88%	11.22%	4.53%	12.26%	-71.41%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	5.30%	2.95%	11.37%	2.79%	9.82%	-1.79%
VB	Vanguard SmallCap	Small Cap Blend	6	6.10%	2.74%	12.86%	2.28%	10.48%	-8.84%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6	5.95%	4.62%	10.86%	4.43%	11.30%	0.00%
EWJ	iShares Japan Index	Japan Stock	6	2.91%	7.14%	8.03%	5.46%	8.74%	-8.74%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	6	5.05%	3.65%	11.39%	2.87%	10.84%	-15.02%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	5	4.63%	1.17%	15.86%	0.08%	13.70%	-35.01%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5	4.69%	4.30%	9.40%	3.47%	-41.95%	-79.25%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	5	1.46%	4.29%	14.38%	0.49%	7.34%	-59.95%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	4.27%	2.72%	9.40%	1.82%	8.65%	-9.31%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5	5.72%	1.47%	12.77%	0.97%	9.90%	-56.69%

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PKW	PowerShares Buyback Achievers	All Cap Equities	5	3.71%	2.70%	10.24%	2.17%	9.99%	-0.11%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	5	3.69%	4.20%	8.30%	3.29%	7.70%	-0.84%
RSP	Guggenheim S&P Equal Weight	Large Blend	5	3.96%	2.74%	9.43%	1.88%	8.24%	-2.10%
IJR	S&P Sm.Cap 600	Small Blend	5	5.12%	0.77%	12.69%	0.32%	9.64%	-9.74%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	5	4.59%	4.16%	8.31%	4.24%	8.91%	-5.75%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	3.59%	3.84%	9.74%	3.02%	10.44%	0.00%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	5.21%	4.07%	7.97%	3.08%	7.76%	-12.38%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	3.25%	4.10%	7.36%	3.33%	8.27%	0.00%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	5	4.01%	5.02%	7.32%	4.62%	8.03%	-3.13%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	5	4.96%	2.80%	6.88%	3.54%	7.70%	-11.45%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	5	4.75%	2.68%	11.27%	2.10%	9.20%	-7.78%
ACWI	iShares MSCI ACWI	Global Equities	5	4.76%	4.37%	7.73%	3.62%	9.18%	-1.66%
VTV	Vanguard Value	Large Cap Value	5	4.10%	4.09%	8.20%	3.00%	7.77%	0.00%
VT	Vanguard Total World Stock Index	Global Equities	5	4.62%	4.08%	8.03%	3.26%	8.96%	-2.75%
FEZ	SPDR Euro Stoxx 50	Europe Stock	5	5.75%	2.91%	7.23%	2.74%	8.80%	-0.47%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	5	4.15%	3.73%	8.32%	2.70%	7.53%	-2.97%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	3.98%	3.68%	5.85%	4.51%	7.26%	-9.36%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	5	5.05%	3.23%	10.96%	2.51%	9.84%	-64.44%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	5	4.53%	4.08%	9.02%	3.26%	9.75%	0.00%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4	4.56%	4.86%	0.28%	5.11%	1.16%	-5.05%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	4	1.65%	3.64%	9.75%	1.79%	3.58%	-7.28%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	4	2.34%	2.43%	7.96%	2.88%	5.27%	-23.72%
IWS	Russell MidCap Value	Mid-Cap Value	4	4.25%	2.03%	9.63%	1.29%	8.04%	-4.69%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	4	2.52%	2.73%	7.64%	3.36%	5.29%	-22.84%
IWN	Russell 2000 Value	Small Value	4	4.93%	-0.57%	11.19%	-0.84%	8.57%	-12.92%
VYM	Vanguard High Div. Yield Index	Large Cap Value	4	3.49%	3.42%	7.75%	2.33%	6.85%	-0.68%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	4	3.79%	2.17%	9.00%	0.92%	8.20%	-11.16%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	4	2.14%	2.98%	9.82%	1.73%	8.80%	-6.67%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	4	3.61%	1.92%	7.74%	0.92%	6.71%	-4.46%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	4	3.72%	2.65%	6.08%	2.52%	6.28%	0.00%
IVE	S&P 500/BARRA Value	Large Value	4	3.54%	3.23%	8.17%	2.14%	9.33%	0.00%
IWD	Russell 1000 Value	Large Value	4	4.12%	3.31%	8.25%	2.31%	7.38%	-0.85%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	4.42%	1.13%	9.94%	0.69%	7.58%	-7.58%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	4	3.83%	3.81%	4.94%	2.87%	6.21%	-8.72%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	4	4.59%	0.47%	8.90%	1.43%	9.65%	-13.14%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	2.86%	3.43%	5.98%	2.68%	3.94%	-4.73%
VBR	Vanguard SmallCap Value	Small Cap Value	4	4.57%	1.29%	10.66%	0.87%	9.23%	-2.26%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	4	1.01%	12.83%	-9.40%	12.95%	-0.12%	-23.43%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	2.35%	4.66%	6.17%	3.36%	7.45%	-0.48%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	4	2.75%	3.48%	9.35%	2.23%	4.18%	-17.37%
KBE	SPDR S&P Bank	Specialty-Financial	3	1.49%	-2.01%	13.52%	-2.56%	12.95%	-25.77%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	3	2.79%	0.29%	8.65%	0.11%	7.61%	-54.92%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	3	3.49%	2.02%	6.37%	1.83%	6.32%	-3.32%
GSG	iShares GSCI Commodity Index	Commodities.	3	3.14%	2.94%	1.20%	4.74%	0.70%	-20.24%

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EWV	iShares Mexico Index	Latin America Stock	3	5.69%	-0.40%	8.15%	-0.40%	8.52%	-1.94%
XLE	Energy Select Sector *	Energy Equities	3	7.15%	1.05%	0.81%	2.12%	0.94%	-8.99%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	3	2.97%	1.73%	4.67%	0.80%	5.47%	-7.52%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	3	1.72%	3.94%	4.02%	2.05%	4.38%	-5.42%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	3	3.97%	-0.40%	7.04%	0.72%	7.69%	-14.82%
EZU	European Monetary Union Index	Europe Stock	3	4.00%	1.20%	4.91%	0.93%	6.41%	-7.08%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	1.54%	1.12%	6.01%	1.48%	5.41%	-17.54%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	3	3.46%	1.11%	7.22%	1.76%	5.70%	-6.81%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	3	3.13%	2.23%	6.16%	1.71%	5.33%	-7.60%
XLP	Consumer Staples Select *	Consumer Staples	3	1.26%	3.52%	3.92%	1.58%	1.73%	-9.18%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	2.89%	1.49%	5.98%	0.05%	5.69%	-9.74%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	3	1.29%	2.12%	5.27%	2.08%	4.48%	-10.99%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3	3.16%	2.91%	5.15%	1.22%	5.01%	-14.88%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	3	4.40%	-1.73%	8.99%	-1.27%	8.29%	-62.82%
IJS	S&P SmallCap 600/BARRA Value	Small Value	3	4.78%	-1.14%	11.32%	-1.75%	7.74%	-41.55%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3	2.05%	2.24%	6.37%	2.24%	4.49%	-20.83%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	3	5.93%	1.50%	4.12%	0.07%	4.78%	-19.03%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3	1.49%	3.47%	4.42%	1.75%	2.40%	-6.72%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	4.15%	0.83%	6.54%	-0.28%	8.89%	-47.36%
SCHD	Schwab US Dividend Equity	All Cap Equities	3	2.03%	2.45%	7.58%	1.46%	5.77%	-5.74%
EWI	iShares Italy Index	Europe Stock	3	3.56%	2.64%	5.49%	1.97%	8.27%	0.00%
BBH	VanEck Vectors Biotech	Health & Biotech	2	-1.69%	1.50%	7.97%	-1.12%	3.07%	-25.95%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	2	2.47%	-0.88%	8.65%	-1.25%	6.62%	-34.91%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	2	2.29%	-0.55%	4.79%	-0.49%	2.68%	-10.32%
IEV	S&P Europe 350 Index	Europe Stock	2	2.94%	0.69%	4.28%	-0.04%	5.32%	-5.24%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	0.72%	1.46%	3.71%	0.17%	2.19%	-6.95%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	2	7.54%	0.19%	-0.03%	1.28%	2.19%	-10.91%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	2	8.99%	-0.51%	2.36%	-2.66%	2.21%	-33.70%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	2	4.84%	1.09%	1.31%	-0.69%	2.40%	-27.68%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	2	2.05%	0.60%	6.65%	0.08%	4.49%	-21.68%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	2.81%	1.36%	4.45%	0.47%	5.17%	-9.62%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2	7.54%	4.67%	-3.64%	0.76%	0.28%	-31.56%
EWQ	iShares France Index	Europe Stock	2	3.38%	0.03%	3.92%	0.03%	4.48%	-3.11%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	2	2.60%	-0.83%	7.65%	-1.17%	6.18%	-51.29%
EWG	iShares Germany Index	Europe Stock	2	2.61%	-0.20%	4.46%	-0.71%	5.20%	-19.19%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	3.54%	1.35%	3.56%	0.20%	4.47%	-13.53%
VGK	Vanguard European	Europe Equities	2	2.83%	0.28%	4.17%	-0.37%	4.99%	-9.01%
VAW	Vanguard Materials VIPERS	Materials	2	3.12%	-0.82%	5.50%	-1.25%	4.99%	-5.98%
RWR	Wilshire REIT Fund	Real Estate	2	1.57%	-1.10%	8.33%	-2.15%	4.92%	-23.65%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	2	0.73%	6.75%	-5.08%	6.56%	0.39%	-12.45%
VDE	Vanguard Energy VIPERS	Energy Equities	2	6.67%	0.54%	0.08%	1.66%	0.58%	-9.59%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	0.97%	2.80%	3.59%	1.26%	3.18%	-8.60%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	2.98%	1.31%	4.60%	0.25%	4.89%	-10.13%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	1.76%	1.42%	5.19%	0.25%	3.49%	-3.30%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VEU	Vanguard FTSE All-World ex-US	Global Equities	2	3.45%	1.50%	3.68%	0.32%	4.24%	-13.73%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	3.32%	1.40%	3.57%	0.11%	4.31%	-13.94%
SDY	SPDR Dividend ETF	Large Value	2	1.31%	0.63%	4.55%	-0.38%	3.18%	-5.93%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	2	1.83%	0.47%	6.59%	-0.33%	3.78%	-11.07%
IYE	Dow Jones US Energy	Specialty-Natural Res.	2	6.97%	0.58%	0.34%	1.59%	0.50%	-11.25%
XLB	Materials Select Sector *	Materials	2	3.13%	-0.41%	4.44%	-0.96%	4.36%	-6.50%
VXUS	Vanguard Total International Stock	Global Equities	2	3.21%	1.26%	3.61%	0.00%	4.03%	-14.13%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	3.14%	1.59%	4.03%	0.54%	5.01%	-9.01%
UUP	PowerShares DB US Dollar Bullish	Currency	1	1.23%	3.39%	-3.87%	3.65%	-2.06%	-8.44%
EWM	iShares Malaysia Index	Emerging Markets Equi	1	1.58%	0.85%	0.14%	0.05%	1.42%	-41.71%
FXN	1st Trust Energy AlphaDEX	Energy Equities	1	6.29%	-1.30%	-1.76%	0.18%	0.55%	-13.81%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	0.13%	-0.54%	2.85%	-0.32%	2.79%	-13.30%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	1	0.50%	-0.12%	5.29%	-1.06%	2.79%	-14.78%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	1	1.55%	0.93%	-1.72%	1.96%	-2.24%	-27.27%
EWD	iShares Sweden Index	Europe Stock	1	4.69%	-2.18%	5.73%	-3.24%	8.62%	-22.68%
IXC	S&P Global Energy	Energy Equities	1	5.19%	-0.13%	-1.38%	0.51%	0.67%	-7.72%
EWA	iShares Australia Index	Asia Pacific Equities	1	2.99%	-1.78%	5.79%	-2.42%	5.41%	-13.26%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	1	4.24%	1.07%	-0.49%	-0.73%	0.86%	-28.93%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.28%	0.02%	2.07%	0.24%	2.17%	-11.89%
MUB	iShares S&P National Muni Bond	National Munis	1	0.37%	-0.19%	2.48%	-0.39%	2.14%	-8.44%
IGE	iShares North American Natural Resources	Commodity Producers	1	4.36%	-1.25%	0.12%	-0.69%	0.55%	-10.98%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1	5.13%	0.44%	-0.20%	-1.44%	0.31%	-35.73%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	1	0.74%	2.46%	1.58%	0.76%	-0.22%	-9.48%
IYM	Dow Jones US Basic Mat's	Materials	1	2.69%	-1.85%	4.27%	-2.06%	3.69%	-12.15%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	1	2.15%	0.36%	3.72%	-0.65%	4.38%	-6.55%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	0.15%	-0.51%	2.78%	-0.33%	2.66%	-70.93%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	1	5.00%	0.81%	0.89%	-0.80%	1.81%	-31.18%
DVY	iShares Select Dividend Index	Large Cap Value	1	1.73%	-0.30%	4.63%	-1.17%	2.88%	-12.33%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1	1.69%	-0.79%	3.55%	-2.08%	3.20%	-23.36%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	1	4.13%	1.21%	0.71%	-0.51%	1.45%	-27.62%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	-0.15%	-1.30%	3.40%	-1.60%	1.57%	-23.56%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.07%	-0.08%	0.13%	0.20%	0.28%	-0.73%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.19%	-0.09%	1.10%	-0.28%	0.53%	-9.82%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0	-0.97%	2.17%	-1.27%	0.42%	0.38%	-27.37%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	0	1.74%	-0.99%	2.08%	-2.36%	2.10%	-20.92%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	0	3.06%	-1.75%	2.19%	-3.11%	1.54%	-22.07%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.20%	0.75%	0.28%	0.61%	0.42%	-0.31%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-0.18%	-0.28%	1.63%	-0.30%	1.63%	-7.34%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	0	3.01%	1.23%	0.33%	-3.10%	-1.58%	-35.72%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.23%	-1.10%	2.79%	-1.27%	0.50%	-21.07%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	0	1.14%	-5.57%	12.80%	-7.87%	7.12%	-49.57%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	0.78%	-0.16%	1.64%	-1.34%	3.31%	-13.71%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	0.39%	-1.54%	3.29%	-1.43%	2.82%	-25.58%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.12%	-0.32%	1.91%	-0.12%	1.80%	-10.77%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VNQ	Vanguard REIT Index	Real Estate	0	1.02%	-2.43%	6.88%	-3.52%	4.24%	-26.51%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	0	0.65%	-2.62%	5.51%	-2.47%	4.45%	-35.02%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	1.14%	-1.04%	2.92%	-1.68%	3.49%	-23.30%
ICF	Cohen & Steers Realty	Real Estate	0	0.66%	-2.29%	6.45%	-3.32%	4.40%	-54.93%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	0	1.88%	-1.07%	2.37%	-2.26%	2.05%	-22.64%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	0	0.98%	-2.43%	6.11%	-3.50%	3.58%	-25.41%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	0.01%	-0.76%	2.07%	-0.09%	2.06%	-8.76%
SCHH	Schwab U.S. REIT	Real Estate	0	0.50%	-2.64%	6.35%	-3.72%	4.18%	-62.16%
FLT	Fidelity Limited Term Bond	Corporate Bonds	0	-0.22%	-0.33%	1.57%	-0.30%	1.46%	-7.26%
PZA	Pshares Insured National Munis	National Munis	0	-0.08%	-1.08%	4.19%	-1.28%	2.73%	-13.26%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.06%	-0.55%	2.97%	-0.44%	2.95%	-8.24%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	0.00%	0.00%	-83.14%
IYR	Dow Jones US Real Estate	Real Estate	0	0.79%	-2.70%	6.65%	-3.69%	4.27%	-24.19%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	-0.44%	-1.58%	2.98%	-1.67%	2.13%	-17.75%
XME	SPDR S&P Metals & Mining	Commodity Producers	0	1.57%	-5.02%	7.05%	-4.56%	8.79%	-13.29%
EWL	iShares Switzerland Index	Europe Stock	0	-0.32%	-1.37%	3.50%	-3.17%	1.95%	-11.84%
EWK	iShares Belgium Index	Europe Stock	0	2.23%	-0.33%	-0.76%	-2.65%	1.63%	-20.98%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	-0.60%	-1.57%	2.38%	-1.85%	0.87%	-18.57%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-0.71%	-1.10%	1.43%	-1.30%	0.58%	-13.79%
IYZ	Down Jones US Telecom	Commun. Equities	0	-2.02%	0.00%	3.72%	-2.11%	1.64%	-39.03%
ILF	iShares S&P 40 Latin America	Latin America Stock	0	2.21%	-1.81%	1.77%	-2.89%	4.67%	-28.56%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	-0.61%	-1.89%	2.37%	-1.79%	0.88%	-19.28%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.04%	-1.23%	0.27%	0.08%	0.32%	-9.98%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-0.34%	-1.45%	2.77%	-1.40%	1.14%	-19.46%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.44%	-0.58%	1.14%	-0.58%	1.00%	-8.08%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	-0.63%	-1.26%	1.98%	-1.13%	0.29%	-18.79%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	0	0.34%	-2.12%	3.16%	-1.68%	2.40%	-24.73%
KRE	SPDR S&P Region.Banking	Specialty-Financial	0	-1.11%	-5.49%	10.86%	-6.12%	9.16%	-37.52%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.45%	-0.55%	0.52%	-0.41%	0.41%	-6.82%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	0	0.94%	-2.91%	4.49%	-3.24%	3.58%	-27.06%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	-0.62%	-1.82%	2.38%	-1.81%	0.97%	-20.53%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	-0.48%	-0.77%	1.48%	-0.99%	0.93%	-12.36%
IDU	Dow Jones US Utilities	Utilities Equities	0	1.55%	-0.24%	0.20%	-1.76%	-0.60%	-55.65%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	0	-0.36%	-1.97%	6.44%	-5.00%	-0.08%	-18.77%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.40%	-0.20%	0.58%	-0.34%	0.53%	-5.81%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	-0.61%	-1.61%	2.35%	-1.82%	0.78%	-19.59%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0	-0.62%	-1.22%	1.71%	-1.13%	0.09%	-19.22%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.47%	-0.27%	0.44%	-0.43%	0.29%	-6.75%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	-0.75%	-1.63%	1.53%	-1.52%	0.36%	-17.54%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-1	-0.86%	-1.54%	0.29%	-3.04%	0.32%	-19.67%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	-0.77%	-1.39%	1.45%	-1.55%	0.22%	-16.98%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	-0.88%	-4.56%	3.89%	-4.38%	0.29%	-39.33%
BNDX	Vanguard Total International Bond	Total Bond Market	-1	0.16%	-3.94%	0.12%	-1.18%	0.33%	-17.63%
FXB	CurrencyShares British Pound	Currency	-1	-0.86%	-0.76%	-0.16%	-1.30%	0.23%	-16.68%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-1	-0.50%	-3.09%	4.86%	-4.60%	0.26%	-29.28%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	-1.39%	-3.94%	4.32%	-3.84%	1.86%	-31.77%
GLD	SPDR Gold Shares	Precious Metals	-1	-0.91%	-1.99%	0.08%	-2.88%	1.76%	-4.24%
IAU	iShares Gold Trust	Precious Metals	-1	-0.89%	-1.94%	0.16%	-2.82%	1.85%	-3.78%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	-0.82%	-2.21%	2.04%	-2.32%	-0.23%	-23.49%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-1	0.74%	-1.79%	-1.61%	-3.15%	-3.04%	-21.64%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	-0.71%	-3.90%	3.94%	-4.38%	-0.85%	-39.93%
EWU	iShares United Kingdom Index	Europe Stock	-1	1.31%	-1.34%	-0.37%	-2.06%	0.46%	-14.55%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	-0.93%	-2.19%	3.01%	-2.52%	1.80%	-22.48%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	-0.57%	-1.70%	1.76%	-1.87%	0.22%	-20.11%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-2	-0.50%	-5.01%	2.89%	-5.77%	1.06%	-11.39%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-2	-0.39%	-5.13%	2.21%	-6.43%	1.35%	-35.79%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-0.91%	-2.16%	-1.59%	-2.53%	-0.54%	-17.44%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-2	-0.85%	-4.20%	0.54%	-4.44%	-0.16%	-29.57%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	0.95%	-3.09%	-1.49%	-5.02%	0.04%	-37.90%
XLU	Utilities Select Sector *	Utilities Equities	-2	0.39%	-1.78%	-2.22%	-3.21%	-3.03%	-21.53%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2	-2.56%	-0.75%	-5.72%	0.00%	-5.93%	-51.95%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-2	3.35%	-0.04%	-8.17%	-3.22%	-9.28%	-50.13%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	-0.52%	-5.69%	3.90%	-5.64%	-1.93%	-45.62%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-2	0.70%	-3.62%	0.76%	-4.14%	-1.18%	-15.87%
DBC	PowerShares DB Commodity Index	Commodities	-3	0.00%	-1.30%	-8.49%	-0.27%	-6.94%	-28.01%
EWZ	iShares Brazil Index	Latin America Stock	-3	-0.33%	-4.46%	-2.87%	-6.18%	1.85%	-32.25%
EWP	iShares Spain Index	Europe Stock	-3	-0.78%	-4.24%	-3.41%	-4.74%	1.71%	-19.51%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-3	-0.82%	-5.80%	1.20%	-7.11%	0.36%	-41.20%
DJP	Bloomberg Commodity Index	Commodities	-3	-1.50%	-3.17%	-5.43%	-2.63%	-5.58%	-28.18%
FXY	CurrencyShares Japanese Yen Trust	Currency	-3	-1.20%	-5.26%	-0.50%	-6.09%	-3.36%	-36.08%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-3	-0.08%	-8.84%	5.24%	-7.87%	-3.32%	-58.15%
JXI	iShares S&P Global Utilities	Utilities Equities	-4	-1.42%	-3.91%	-4.08%	-5.01%	-3.75%	-17.74%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-4	-0.30%	-10.22%	4.55%	-9.49%	-4.33%	-59.35%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-4	1.06%	-5.96%	-4.11%	-6.13%	-3.17%	-18.54%
FXI	iShares China 25 Index	China Equities	-4	5.71%	-4.01%	-13.66%	-5.29%	-12.43%	-58.22%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-4	0.94%	-5.38%	-4.49%	-5.96%	-4.11%	-21.30%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-4	-0.28%	-4.55%	-3.59%	-5.92%	-8.56%	-33.84%
DOG	ProShares Short Dow 30	Bear Market	-4	-2.87%	-2.41%	-8.51%	-1.85%	-8.82%	-67.41%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-4	-0.12%	-5.07%	-3.75%	-6.72%	-7.79%	-41.44%
SLV	iShares Silver Trust	Precious Metals	-4	0.62%	-6.14%	-5.97%	-3.86%	-2.28%	-22.44%
EWH	iShares Hong Kong Index	China Equities	-4	3.26%	-5.17%	-8.39%	-7.02%	-9.46%	-42.53%
MCHI	iShares MSCI China	China Equities	-5	3.41%	-5.40%	-12.51%	-6.26%	-11.35%	-60.71%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-5	-1.04%	-7.15%	-3.50%	-9.28%	-3.93%	-30.75%
EZA	iShares South Africa Index	Emerging Markets Equi	-5	0.79%	-7.60%	-5.19%	-8.66%	-3.80%	-49.76%
ECH	iShares Chile Index	Latin America	-6	-0.24%	-8.71%	-4.97%	-10.46%	-8.25%	-55.03%
PSQ	ProShares Short QQQ	Inverse Equities	-6	-4.56%	-5.26%	-10.98%	-5.06%	-13.43%	-83.82%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-4.38%	-4.53%	-9.53%	-4.31%	-10.38%	-70.16%
RWM	ProShares Short Russell2000	Inverse Equities	-6	-6.55%	-1.56%	-13.21%	-1.23%	-10.38%	-67.01%

<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 %M/A</b>	<b>DD%</b>	
HDGE	Ranger Equity Bear	Inverse Equities	-8	-6.45%	-8.54%	-18.86%	0.63%	-14.27%	-82.83%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-9	0.37%	-13.79%	-14.63%	-9.13%	-9.82%	-64.58%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-10	-2.81%	-15.08%	-7.99%	-14.32%	-8.43%	-42.93%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-10	-2.97%	-14.61%	-8.70%	-13.67%	-9.37%	-39.88%
SIL	Global X Silver Miners	Commodity Producers	-11	-4.11%	-16.50%	-8.18%	-15.30%	-7.90%	-55.16%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-11	-4.00%	-16.04%	-9.62%	-14.51%	-8.89%	-49.40%