

HV ETF Master List as of 02/09/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	16	10.31%	16.34%	14.09%	21.93%	13.81%	-23.64%
SMH	VanEck Vectors Semiconductor	Technology Equities	15	10.31%	15.30%	13.26%	22.29%	14.57%	-21.60%
IYW	Dow Jones US Technology	Technology Equities	12	10.49%	11.79%	8.91%	15.67%	5.93%	-26.42%
ITB	iShares DJ US Home Construction	Building and Constructi	12	4.61%	10.20%	18.64%	14.27%	18.02%	-16.61%
IGV	iShares North American Tech-Software	Technology Equities	11	8.78%	11.04%	9.71%	12.79%	5.63%	-35.37%
VOX	Vanguard Telecom Serv's	Communication Equitie	11	5.70%	14.73%	10.04%	14.84%	2.87%	-37.30%
EWP	iShares Spain Index	Europe Stock	11	3.04%	12.94%	16.57%	12.28%	15.85%	-25.08%
EWI	iShares Italy Index	Europe Stock	11	2.87%	13.85%	12.38%	13.18%	19.17%	-11.55%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	11	4.17%	10.15%	13.75%	14.26%	13.60%	-20.11%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	10	5.66%	13.95%	6.97%	12.03%	6.65%	-23.66%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	10	7.59%	10.44%	6.81%	15.87%	3.66%	-28.64%
IYC	iShares US Consumer Services	Consumer Discretionar	10	6.45%	10.25%	6.96%	14.47%	5.97%	-76.46%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	10	2.70%	12.59%	9.94%	13.93%	14.32%	-9.58%
VGT	Vanguard Info Technology	Technolgy Equities	10	8.72%	9.99%	7.44%	13.77%	6.78%	-22.04%
EWG	iShares Germany Index	Europe Stock	10	1.30%	13.15%	13.20%	13.75%	17.33%	-22.89%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	10	8.32%	9.86%	6.47%	16.07%	2.23%	-29.09%
XRT	SPDR S&P Retail *	Consumer Discretionar	10	5.30%	11.54%	8.05%	14.99%	9.18%	-33.27%
ECH	iShares Chile Index	Latin America	10	5.71%	14.09%	14.45%	7.31%	9.83%	-48.25%
XLK	Technology Select *	Technology Equities	9	8.38%	9.16%	6.89%	13.33%	6.65%	-20.16%
EWQ	iShares France Index	Europe Stock	9	1.19%	10.48%	11.86%	10.75%	15.53%	-9.32%
EWN	iShares Netherlands Index	Europe Stock	9	1.13%	10.26%	11.31%	13.08%	15.50%	-21.70%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	9	2.98%	10.99%	10.49%	12.62%	12.66%	-4.14%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	9	1.23%	13.01%	8.74%	11.05%	7.42%	-34.82%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	9	3.50%	10.31%	9.74%	13.02%	11.73%	-16.97%
FXI	iShares China 25 Index	China Equities	9	-1.96%	11.34%	15.19%	9.61%	6.16%	-43.05%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	1.12%	11.07%	12.19%	12.27%	17.78%	-11.96%
VUG	Vanguard Growth	Large Cap Growth	9	7.17%	8.53%	5.94%	12.47%	3.79%	-26.40%
EZU	European Monetary Union Index	Europe Stock	9	1.28%	11.37%	12.39%	12.16%	16.23%	-14.09%
MCHI	iShares MSCI China	China Equities	9	-0.64%	11.40%	16.27%	10.91%	8.69%	-45.80%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9	7.75%	8.82%	5.87%	13.01%	3.50%	-26.44%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	9	7.78%	8.76%	5.99%	12.17%	3.87%	-62.64%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	9	8.11%	8.95%	5.92%	13.29%	4.17%	-25.32%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	9	0.50%	7.62%	11.88%	15.75%	-1.94%	-42.40%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	4.30%	10.36%	7.28%	10.82%	9.76%	-6.62%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	8	2.74%	10.41%	7.95%	10.24%	10.15%	-35.78%
IJS	S&P SmallCap 600/BARRA Value	Small Value	8	3.52%	10.92%	6.70%	11.48%	8.93%	-41.25%
XME	SPDR S&P Metals & Mining	Commodity Producers	8	-0.54%	10.74%	9.16%	10.78%	11.25%	-16.20%
VBK	Vanguard SmallCap Growth	Small Cap Growth	8	4.22%	9.17%	7.46%	11.51%	6.53%	-26.87%
EWV	iShares Mexico Index	Latin America Stock	8	-0.71%	13.08%	5.20%	13.43%	13.32%	-4.84%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	8	1.98%	9.34%	11.50%	9.36%	8.63%	-24.36%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	7	3.86%	6.53%	7.96%	10.55%	-1.50%	-23.83%

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IWF	Russell 1000 Growth	Large Growth	7	6.02%	6.91%	4.71%	10.07%	3.70%	-23.81%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	7	2.71%	8.24%	6.33%	10.30%	9.26%	-4.34%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	7	2.89%	10.85%	5.51%	9.71%	8.77%	-15.10%
EWA	iShares Australia Index	Asia Pacific Equities	7	1.89%	8.88%	7.05%	9.22%	8.64%	-11.32%
IEV	S&P Europe 350 Index	Europe Stock	7	0.94%	8.42%	10.45%	9.19%	12.20%	-11.32%
EWD	iShares Sweden Index	Europe Stock	7	0.73%	7.06%	9.70%	10.24%	10.66%	-27.84%
KBE	SPDR S&P Bank	Specialty-Financial	7	4.50%	10.92%	3.10%	9.13%	4.68%	-18.44%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	7	0.25%	8.87%	12.20%	7.79%	7.95%	-30.11%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	7	0.96%	8.64%	10.00%	7.45%	10.72%	-17.24%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	4.94%	7.82%	6.74%	9.84%	7.92%	-25.51%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	7	0.89%	6.68%	12.31%	9.42%	3.25%	-33.92%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	7	1.93%	8.02%	7.92%	9.31%	10.33%	-1.24%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	2.83%	8.69%	5.41%	9.60%	6.64%	-59.69%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	7	1.17%	7.55%	9.17%	8.14%	10.36%	-13.58%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	7	1.22%	8.40%	9.70%	8.11%	10.21%	-10.86%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	4.82%	7.25%	6.34%	9.75%	6.26%	-25.78%
VGK	Vanguard European	Europe Equities	7	0.95%	7.68%	10.33%	9.25%	11.56%	-14.21%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	7	3.69%	7.44%	6.63%	8.68%	6.80%	-31.94%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	3.98%	8.42%	5.95%	10.51%	5.71%	-26.59%
KRE	SPDR S&P Region.Banking	Specialty-Financial	6	4.02%	9.91%	0.91%	7.46%	2.44%	-19.88%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	6	1.40%	8.42%	7.32%	8.04%	6.68%	-22.87%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	6	1.46%	7.38%	9.10%	7.17%	8.22%	-23.46%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	6	2.19%	7.32%	5.84%	8.63%	6.55%	-14.53%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	1.23%	7.67%	7.75%	7.60%	8.38%	-14.69%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	2.53%	7.62%	5.47%	8.45%	7.95%	-9.57%
IYT	Dow Jones Transportation	Transportation Equities	6	1.88%	6.77%	5.83%	10.68%	6.20%	-15.58%
SCHF	Schwab International Equity	Foreign Large Cap Equ	6	1.28%	7.63%	6.91%	8.13%	8.40%	-14.72%
RWR	Wilshire REIT Fund	Real Estate	6	2.54%	4.84%	7.13%	9.66%	1.66%	-21.77%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	6	-0.28%	7.94%	8.79%	8.09%	6.00%	-31.40%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	1.47%	6.71%	8.08%	8.75%	9.73%	-20.05%
IXUS	iShares Core MSCI Total International Stock	Global Equities	6	0.65%	7.40%	7.64%	7.57%	7.78%	-17.57%
ACWX	iShares MSCI ACWI ex US	Global Equities	6	0.55%	7.39%	7.65%	7.67%	7.86%	-17.16%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	6	2.05%	5.97%	5.08%	11.09%	1.99%	-19.72%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	2.51%	6.64%	5.36%	7.92%	6.09%	-67.52%
IWO	Russell 2000 Growth	Small Growth	6	2.41%	8.28%	4.68%	9.27%	5.92%	-30.37%
IJR	S&P Sm.Cap 600	Small Blend	6	2.58%	8.60%	4.30%	9.25%	6.38%	-14.07%
IWM	Russell 2000	Small Blend	6	2.21%	8.11%	4.05%	8.93%	5.24%	-21.70%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	6	1.14%	7.53%	8.97%	8.00%	9.98%	-14.87%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	6	1.23%	6.51%	7.75%	8.03%	8.55%	-15.14%
VB	Vanguard SmallCap	Small Cap Blend	6	2.70%	7.68%	5.62%	9.27%	6.62%	-16.22%
IJH	S&P MidCap 400	Mid-Cap Blend	6	2.56%	8.05%	5.47%	8.50%	7.90%	-9.67%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	5	1.87%	5.26%	4.98%	9.86%	2.64%	-19.00%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	-0.83%	7.48%	6.36%	7.09%	4.25%	-28.00%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	5	-1.11%	6.44%	9.37%	5.34%	6.04%	-20.26%

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ICF	Cohen & Steers Realty	Real Estate	5	0.70%	4.88%	6.73%	8.15%	0.17%	-52.92%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	5	-0.76%	5.96%	7.37%	6.23%	3.30%	-24.70%
EWK	iShares Belgium Index	Europe Stock	5	-1.37%	4.82%	10.44%	4.46%	9.57%	-19.35%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	1.88%	7.49%	4.08%	8.51%	5.85%	-63.88%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	5	4.15%	9.91%	-7.00%	12.40%	-6.05%	-33.39%
FPE	First Trust Preferred Securities and Income	Preferred Stock	5	2.04%	4.96%	6.33%	7.02%	3.37%	-13.35%
EWU	iShares United Kingdom Index	Europe Stock	5	0.37%	5.11%	7.87%	5.97%	7.78%	-14.23%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5	2.56%	5.40%	4.46%	7.21%	5.09%	-16.49%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	5	1.39%	5.28%	4.15%	7.73%	0.94%	-18.35%
KIE	SPDR S&P Insurance	Specialty-Financial	5	2.12%	6.55%	6.00%	5.69%	9.50%	-53.87%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	5	0.09%	5.33%	6.98%	5.72%	3.11%	-20.37%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	2.36%	5.74%	3.18%	6.75%	5.72%	-71.63%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	5	-1.10%	7.58%	6.09%	7.07%	4.05%	-29.99%
ACWI	iShares MSCI ACWI	Global Equities	5	1.78%	5.98%	4.74%	7.07%	5.20%	-15.25%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	2.74%	5.55%	3.69%	7.02%	3.99%	-15.68%
IYR	Dow Jones US Real Estate	Real Estate	5	0.67%	5.09%	6.54%	8.23%	0.68%	-21.54%
IYM	Dow Jones US Basic Mat's	Materials	5	-0.90%	6.69%	5.48%	7.57%	7.02%	-12.86%
IVE	S&P 500/BARRA Value	Large Value	5	1.05%	6.21%	5.43%	6.47%	7.33%	-3.14%
IYF	Dow Jones US Financial Sector	Specialty-Financial	5	1.30%	7.87%	3.59%	6.57%	7.44%	-43.92%
IWB	Russell 1000 Index	Large Blend	5	2.72%	5.35%	3.58%	6.79%	3.88%	-15.52%
IWN	Russell 2000 Value	Small Value	5	1.92%	7.93%	3.45%	8.54%	4.61%	-14.91%
IWV	Russell 3000 Index	All Cap Equities	5	2.73%	5.49%	3.52%	6.91%	3.93%	-15.47%
IWS	Russell MidCap Value	Mid-Cap Value	5	1.21%	6.07%	4.66%	6.89%	5.18%	-8.89%
EWJ	iShares Japan Index	Japan Stock	5	2.23%	6.02%	6.51%	6.15%	6.67%	-22.03%
XLF	Financial Select Sector *	Financial Equities	5	1.45%	7.10%	3.68%	6.35%	7.81%	-12.19%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	2.42%	5.53%	5.16%	7.55%	5.50%	-16.08%
SCHH	Schwab U.S. REIT	Real Estate	5	0.92%	4.93%	6.37%	8.19%	0.63%	-60.39%
VT	Vanguard Total World Stock Index	Global Equities	5	2.00%	5.48%	5.07%	7.23%	5.24%	-15.39%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	5	1.82%	5.45%	6.41%	6.78%	6.33%	-19.79%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	2.79%	5.64%	3.67%	7.05%	4.07%	-57.81%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	5	1.30%	5.82%	6.52%	7.68%	5.56%	-22.05%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	5	1.66%	4.29%	6.71%	8.09%	1.55%	-21.82%
VNQ	Vanguard REIT Index	Real Estate	5	1.04%	3.86%	6.18%	8.69%	0.21%	-22.72%
VBR	Vanguard SmallCap Value	Small Cap Value	5	1.69%	6.81%	4.49%	7.80%	6.76%	-7.83%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	2.73%	5.24%	3.52%	6.78%	3.78%	-57.92%
VXUS	Vanguard Total International Stock	Global Equities	5	0.63%	6.17%	7.19%	7.46%	6.93%	-17.66%
RPV	Guggenheim S&P 500 Pure Value	Large Value	5	0.08%	7.08%	6.04%	8.78%	7.48%	-5.14%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	5	0.60%	6.04%	7.20%	7.46%	7.05%	-17.46%
VFH	Vanguard Financials	Financials Equities	5	2.04%	8.59%	3.83%	7.41%	7.59%	-12.67%
VTI	Total Stock Market VIPERs	All Cap Equities	5	2.74%	4.99%	3.62%	7.03%	3.97%	-15.78%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	1.25%	3.94%	5.34%	4.78%	3.41%	-11.37%
EWL	iShares Switzerland Index	Europe Stock	4	0.11%	5.23%	6.21%	6.13%	6.23%	-16.07%
IYJ	Dow Jones US Industrial	Industrial Equities	4	0.28%	5.41%	4.57%	5.67%	7.66%	-47.18%
EWC	iShares Canada Index	Foreign Large Cap Equ	4	1.10%	7.02%	1.53%	7.18%	2.66%	-13.72%

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VV	Vanguard LargeCap	Large Cap Blend	4	2.75%	4.62%	3.30%	6.66%	3.61%	-16.21%
EWI	iShares Hong Kong Index	China Equities	4	-1.40%	3.96%	10.32%	3.81%	6.06%	-22.38%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	4	3.95%	3.49%	1.15%	6.45%	-0.10%	-26.61%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	4	2.10%	5.95%	3.80%	5.95%	7.80%	-29.30%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	4	-1.05%	4.70%	5.53%	6.26%	2.75%	-26.68%
SPY	SPDR S&P 500	Large Cap Blend	4	2.55%	4.48%	3.26%	6.45%	3.74%	-14.78%
SPYG	S&P 500 Growth	Large Cap Growth	4	3.95%	3.49%	1.14%	6.45%	-0.08%	-26.59%
IVW	S&P 500/BARRA Growth	Large Growth	4	3.94%	3.77%	1.15%	6.41%	-0.10%	-26.60%
IVV	S&P 500	Large Blend	4	2.58%	4.97%	3.33%	6.47%	3.74%	-14.75%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	4	3.89%	3.87%	1.24%	6.43%	0.25%	-25.95%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	4	1.66%	6.50%	2.33%	7.17%	4.09%	-44.60%
VIS	Vanguard Industrials	industrials Equities	4	0.42%	5.23%	3.94%	5.49%	8.72%	-7.15%
VAW	Vanguard Materials VIPERS	Materials	4	-1.22%	5.10%	4.13%	6.26%	5.97%	-9.34%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	4	-0.40%	4.47%	6.99%	5.37%	1.52%	-30.02%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	4	2.50%	4.14%	2.96%	6.11%	3.59%	-15.52%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	2.56%	10.21%	-7.77%	12.31%	-0.41%	-19.88%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	4	2.55%	4.46%	3.23%	6.48%	3.67%	-14.83%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	4	1.55%	5.73%	3.73%	6.78%	5.82%	-56.71%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	4	-1.60%	6.07%	4.14%	6.25%	2.49%	-27.38%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	4	4.65%	1.90%	1.02%	7.33%	4.66%	-1.79%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	4	2.21%	4.55%	1.17%	6.69%	3.89%	-24.91%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	2.62%	4.60%	4.04%	6.40%	3.10%	-25.75%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	0.96%	5.45%	2.88%	4.86%	7.38%	-8.55%
RSP	Guggenheim S&P Equal Weight	Large Blend	4	1.20%	5.18%	4.91%	6.55%	6.13%	-8.34%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	4	4.52%	1.43%	2.41%	6.92%	5.66%	-1.01%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	4	-7.96%	7.64%	12.32%	4.12%	7.18%	-36.99%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	4	-2.08%	6.69%	6.89%	3.72%	6.27%	-50.52%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	3	0.81%	3.91%	2.76%	5.27%	4.94%	-9.35%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	3	0.53%	4.13%	2.01%	5.96%	3.30%	-15.97%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	3	-0.38%	2.70%	6.18%	4.07%	11.03%	-13.22%
GLD	SPDR Gold Shares	Precious Metals	3	-2.04%	4.64%	5.56%	2.00%	4.71%	-10.76%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	0.19%	3.44%	2.16%	4.22%	4.18%	-7.86%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	3	-7.52%	5.08%	9.73%	3.84%	6.97%	-33.17%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	3	-0.64%	1.64%	5.10%	4.69%	0.99%	-33.56%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	3	0.65%	4.53%	2.30%	4.98%	4.82%	-6.34%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	3	1.37%	5.30%	-3.33%	7.69%	-0.41%	-17.38%
THD	iShares Thailand Capped Invest Mkt Idx	Emerging Markets Equi	3	-4.07%	6.71%	8.63%	2.15%	7.91%	-24.50%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	0.37%	4.23%	4.71%	2.04%	9.64%	-52.40%
RWX	SPDR DJ Wil Intern. RE	Real Estate	3	-0.74%	2.98%	5.62%	4.56%	1.15%	-35.07%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	3	1.51%	4.21%	2.59%	5.25%	4.86%	-13.79%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	3	-1.77%	3.73%	4.27%	4.45%	4.09%	-6.48%
IAU	iShares Gold Trust	Precious Metals	3	-2.03%	4.66%	5.63%	2.02%	4.77%	-10.48%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3	1.35%	3.15%	3.15%	4.76%	1.89%	-23.41%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	3	0.24%	3.95%	4.07%	5.55%	4.79%	-6.81%

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	2	-0.49%	3.33%	2.87%	3.25%	4.18%	-5.65%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	0.19%	1.86%	5.86%	1.99%	4.73%	-13.44%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	2	-0.63%	1.94%	5.78%	2.00%	3.40%	-85.57%
FXV	CurrencyShares Japanese Yen Trust	Currency	2	-1.94%	4.53%	6.42%	-0.38%	3.44%	-26.75%
PZA	Pshares Insured National Munis	National Munis	2	-0.29%	1.63%	4.21%	3.57%	2.17%	-13.66%
BAB	PowerShares Build America Bond Portfolio	National Munis	2	-0.67%	-0.07%	4.55%	3.73%	-0.25%	-23.01%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	-4.01%	8.92%	-2.80%	4.54%	-2.85%	-39.42%
IWD	Russell 1000 Value	Large Value	2	-0.29%	3.77%	2.49%	3.90%	4.07%	-7.59%
XLB	Materials Select Sector *	Materials	2	-1.86%	2.91%	2.86%	5.21%	4.90%	-9.80%
EWM	iShares Malaysia Index	Emerging Markets Equi	2	-1.42%	2.83%	6.35%	0.39%	2.97%	-37.13%
IYZ	Down Jones US Telecom	Commun. Equities	2	-3.44%	5.14%	2.37%	3.97%	-3.48%	-36.18%
XLI	Industrial Select Sector *	Industrial Equities	2	-1.13%	2.94%	2.75%	3.27%	7.69%	-5.32%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	-1.27%	0.83%	5.92%	4.39%	3.48%	-37.03%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	2	-1.85%	2.72%	1.59%	4.02%	5.98%	-9.15%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	2	2.20%	5.77%	-6.82%	8.10%	-1.62%	-12.77%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	1	-9.75%	4.35%	8.14%	1.01%	5.38%	-43.78%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	1	-2.80%	2.49%	1.44%	2.21%	4.87%	-9.20%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	1	2.38%	5.91%	-12.31%	8.19%	-6.13%	-19.60%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	-1.68%	1.33%	3.58%	1.87%	1.16%	-27.34%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	-1.70%	0.24%	3.52%	2.29%	1.23%	-26.65%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	-1.42%	-0.42%	3.57%	2.26%	1.25%	-25.11%
EDV	Vanguard Extended Duration Treasury	Government Bonds	1	-3.41%	-5.33%	6.31%	7.26%	-4.02%	-50.19%
DVY	iShares Select Dividend Index	Large Cap Value	1	-1.68%	2.18%	1.71%	1.99%	2.00%	-6.92%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	1	-0.74%	1.44%	0.77%	1.70%	2.89%	-9.29%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	1	-1.71%	1.72%	0.76%	1.97%	2.56%	-4.85%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	2.51%	0.86%	0.55%	-0.79%	-1.85%	-12.94%
FXE	CurrencyShares Euro Currency Trust	Currency	1	-1.06%	1.03%	3.54%	0.27%	3.95%	-17.76%
EZA	iShares South Africa Index	Emerging Markets Equi	1	-7.52%	6.73%	0.57%	3.23%	3.11%	-42.38%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.84%	-0.11%	2.82%	2.59%	-0.40%	-17.99%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.32%	0.98%	0.52%	0.46%	0.59%	-1.04%
BLV	Vanguard Long Term Bond	Long-Term Bond	1	-2.77%	-2.72%	4.00%	4.50%	-1.53%	-35.59%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	-0.14%	1.25%	1.00%	2.83%	1.26%	-9.86%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	-1.07%	0.67%	1.33%	1.84%	3.38%	-10.20%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	-1.67%	0.48%	1.74%	2.35%	0.14%	-15.30%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	-1.12%	0.58%	1.05%	1.66%	0.47%	-13.45%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	-1.22%	-0.29%	2.49%	2.59%	0.35%	-18.16%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	-0.70%	-0.65%	2.48%	2.35%	-0.96%	-18.61%
TLT	iShares 20+ Treas. Bd	Government Bonds	1	-2.97%	-3.47%	4.22%	5.02%	-3.32%	-39.06%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	1	-2.51%	-2.46%	3.43%	3.85%	-2.16%	-34.81%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	-0.87%	-0.08%	1.45%	1.53%	-2.81%	-17.42%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	-3.14%	-2.37%	3.96%	4.44%	-0.46%	-30.00%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	1	-3.91%	-6.01%	6.36%	7.70%	-5.18%	-50.50%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	-0.84%	0.57%	1.56%	2.27%	0.66%	-11.90%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	-1.52%	0.16%	1.84%	2.72%	-0.15%	-71.54%

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SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	-1.06%	2.55%	1.60%	2.77%	3.80%	-8.55%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1	-2.08%	-0.92%	2.55%	2.93%	-0.14%	-22.01%
MOO	VanEck Vectors Agribusiness	Commodity Producers	1	-0.82%	1.48%	-0.29%	4.12%	-0.02%	-17.49%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.31%	0.93%	2.46%	1.75%	1.47%	-8.96%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	-1.30%	0.06%	1.87%	1.87%	1.05%	-11.34%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	-0.86%	0.54%	1.38%	2.06%	0.66%	-10.62%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	0	-1.66%	0.69%	0.55%	1.15%	2.61%	-4.54%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-0.43%	0.06%	1.02%	0.83%	-0.03%	-8.53%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	-1.45%	-0.95%	1.23%	1.41%	-1.31%	-18.59%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	-1.00%	-0.34%	0.74%	0.88%	-0.72%	-12.67%
SDY	SPDR Dividend ETF	Large Value	0	-1.72%	0.46%	-0.06%	1.60%	2.67%	-3.95%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	-1.52%	-1.04%	1.77%	1.95%	-0.80%	-18.24%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0	-3.02%	-0.66%	3.59%	0.94%	-2.82%	-29.29%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	0	-1.44%	1.29%	0.29%	1.74%	4.38%	-8.37%
VTV	Vanguard Value	Large Cap Value	0	-1.32%	0.89%	0.85%	1.41%	3.47%	-5.60%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	0	-1.67%	0.13%	-0.12%	1.66%	2.68%	-7.32%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.70%	-0.28%	0.60%	0.46%	-0.49%	-9.21%
BNDX	Vanguard Total International Bond	Total Bond Market	0	-0.35%	-0.59%	-0.43%	2.19%	-1.18%	-18.15%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	-1.40%	-0.95%	1.82%	1.87%	-0.81%	-18.22%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	-1.54%	-0.85%	1.46%	1.82%	-0.79%	-19.82%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	-1.44%	-0.76%	1.76%	1.92%	-0.81%	-17.37%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0	-0.81%	-0.81%	0.65%	1.51%	-3.47%	-17.72%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	0.05%	0.19%	0.15%	0.14%	-1.15%
FXB	CurrencyShares British Pound	Currency	0	-0.84%	-0.56%	2.10%	0.22%	1.45%	-19.98%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-0.46%	0.08%	1.05%	0.86%	0.06%	-8.90%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	-2.12%	-0.74%	2.13%	-1.13%	-0.35%	-8.81%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.61%	-0.09%	0.15%	0.14%	-0.81%	-6.36%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	0	-1.71%	1.77%	-2.28%	1.14%	2.97%	-8.62%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-1.62%	-1.13%	0.51%	0.89%	-1.54%	-15.76%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	-2.10%	-1.45%	1.00%	1.72%	-1.99%	-20.83%
DOG	ProShares Short Dow 30	Bear Market	0	1.89%	-1.11%	-0.03%	-1.17%	-4.50%	-63.17%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	-1.60%	-1.06%	0.63%	0.96%	-1.36%	-16.67%
SCHD	Schwab US Dividend Equity	All Cap Equities	0	-2.29%	0.82%	-0.44%	0.74%	2.48%	-7.13%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.60%	-0.29%	0.19%	0.14%	-0.71%	-7.12%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	-0.53%	-0.53%	-0.53%	-0.48%	-83.14%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	0	-1.72%	0.01%	0.02%	0.26%	0.04%	-12.02%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	0	-0.24%	-0.14%	-2.89%	2.33%	-0.88%	-29.78%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.64%	-0.37%	0.10%	0.10%	-0.83%	-6.65%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-1.41%	-0.64%	0.67%	0.83%	-1.08%	-13.62%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	0	-2.72%	0.09%	1.12%	1.21%	0.40%	-9.91%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-1	-2.02%	-0.16%	-0.70%	0.58%	2.57%	-5.36%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1	-2.01%	-1.37%	-0.66%	0.85%	5.29%	-61.16%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-1	-3.17%	0.14%	-0.38%	0.24%	-0.13%	-7.74%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-1	-1.81%	-2.84%	0.53%	-1.80%	1.52%	-32.27%

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IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	0.00%	-2.60%	-0.07%	-1.99%	-1.41%	-11.33%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-1	-2.12%	-1.00%	-0.28%	-0.11%	0.43%	-11.13%
SIL	Global X Silver Miners	Commodity Producers	-1	-9.12%	1.85%	3.61%	-0.21%	3.53%	-47.55%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-1	3.19%	3.64%	-4.46%	-4.54%	2.09%	-12.24%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	-2.49%	-1.86%	-1.63%	1.83%	5.30%	-26.31%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	-0.04%	-1.96%	-1.26%	0.62%	-3.63%	-10.98%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	1.49%	-1.31%	-2.92%	0.29%	-2.38%	-9.06%
IXC	S&P Global Energy	Energy Equities	-1	-2.02%	3.72%	-5.19%	0.72%	4.45%	-7.82%
IGE	iShares North American Natural Resources	Commodity Producers	-1	-3.40%	2.58%	-4.33%	0.61%	3.26%	-9.95%
XLE	Energy Select Sector *	Energy Equities	-2	-3.35%	1.64%	-6.01%	-0.75%	5.35%	-7.73%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-2	-3.02%	-1.81%	-0.87%	-1.97%	1.56%	-7.77%
VHT	Vanguard Health Care	Health & Biotech Equiti	-2	-2.34%	-3.09%	-0.35%	-2.38%	0.72%	-9.48%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-2	5.77%	6.23%	-9.97%	-9.72%	1.43%	-31.22%
EWZ	iShares Brazil Index	Latin America Stock	-2	-6.46%	5.50%	-5.66%	-0.57%	-7.89%	-42.55%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-2	-3.53%	-3.00%	0.13%	-2.41%	-0.74%	-10.17%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-2	-2.42%	-2.44%	-1.97%	-2.09%	-0.45%	-9.96%
IYH	Dow Jones US Healthcare	Specialty-Health	-2	-2.53%	-3.67%	-0.54%	-2.96%	0.75%	-8.80%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-2	-3.27%	-0.44%	-2.03%	-1.11%	0.32%	-6.22%
VDE	Vanguard Energy VIPERS	Energy Equities	-2	-3.16%	2.16%	-6.91%	-0.75%	4.56%	-8.73%
JXI	iShares S&P Global Utilities	Utilities Equities	-3	-5.81%	-3.74%	-0.21%	-3.21%	-3.59%	-13.71%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-3	-3.24%	-4.32%	-2.26%	-4.14%	-1.52%	-8.91%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-3	-2.85%	-3.52%	-1.57%	-2.51%	-0.89%	-8.01%
XLP	Consumer Staples Select *	Consumer Staples	-3	-2.81%	-3.89%	-2.15%	-3.02%	-1.09%	-10.26%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-3	-4.86%	-4.86%	-0.28%	-2.80%	-2.74%	-10.58%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-3	-3.82%	0.79%	-7.62%	-1.42%	3.78%	-9.25%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-3	-2.21%	-2.08%	-6.72%	-0.87%	-2.94%	-21.87%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-3	-3.01%	-3.17%	-2.84%	-1.78%	-1.49%	-9.23%
GSG	iShares GSCI Commodity Index	Commodities.	-3	-1.77%	-1.01%	-5.09%	-3.30%	-7.53%	-22.06%
DBC	PowerShares DB Commodity Index	Commodities	-3	-2.28%	-1.96%	-5.33%	-2.68%	-6.95%	-21.42%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-3	-2.67%	-4.57%	-1.29%	-3.39%	0.41%	-8.11%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-3	-2.51%	-2.29%	-4.39%	-2.72%	-0.30%	-26.73%
SLV	iShares Silver Trust	Precious Metals	-4	-7.77%	-4.99%	4.61%	-8.36%	4.38%	-25.26%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-4	-1.69%	-0.79%	-10.82%	-2.74%	-10.07%	-24.28%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-4	4.67%	1.48%	-29.82%	7.15%	-21.23%	-32.85%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-4	-2.13%	-4.36%	-2.95%	-5.61%	-4.26%	-63.67%
RWM	ProShares Short Russell2000	Inverse Equities	-5	-1.90%	-7.36%	-4.06%	-7.85%	-6.52%	-64.08%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-5	-7.08%	-6.16%	-1.39%	-5.31%	-5.51%	-14.28%
IDU	Dow Jones US Utilities	Utilities Equities	-5	-6.58%	-6.46%	-1.68%	-5.33%	-5.51%	-53.73%
INDA	iShares MSCI India	Emerging Markets Equi	-5	-5.16%	-4.75%	-6.22%	-3.52%	-3.61%	-20.70%
DJP	Bloomberg Commodity Index	Commodities	-5	-2.96%	-5.30%	-6.51%	-4.60%	-8.36%	-21.94%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-6	-0.80%	-6.91%	-8.46%	-7.00%	-10.38%	-47.88%
XLU	Utilities Select Sector *	Utilities Equities	-6	-7.26%	-7.41%	-1.53%	-5.83%	-5.95%	-15.02%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-6	-4.94%	-1.81%	-12.88%	-2.90%	-1.16%	-14.89%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-5.54%	-5.60%	-12.49%	-3.28%	-2.66%	-14.79%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PSQ	ProShares Short QQQ	Inverse Equities	-8	-7.54%	-8.58%	-6.00%	-11.68%	-5.98%	-76.63%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-8	-10.64%	-5.56%	-3.02%	-11.05%	0.20%	-26.06%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-8	-2.64%	-14.87%	-15.11%	-1.08%	-11.13%	-60.11%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-10	-16.03%	-11.65%	5.85%	-17.50%	3.15%	-62.12%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-12	-12.37%	-15.80%	-1.28%	-20.51%	12.89%	-37.58%
HDGE	Ranger Equity Bear	Inverse Equities	-14	-9.65%	-15.48%	-15.09%	-17.60%	-16.46%	-78.90%
UNG	U.S. Natural Gas Fund	Oil & Gas	-47	-29.00%	-60.09%	-59.47%	-40.78%	-62.46%	-90.55%