

HV ETF Master List as of 07/27/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEck Vectors Semiconductor	Technology Equities	24	5.03%	7.48%	29.27%	55.18%	26.54%	-1.75%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	23	4.44%	7.59%	28.54%	49.92%	24.34%	-6.11%
ITB	iShares DJ US Home Construction	Building and Constructi	21	3.65%	18.37%	17.87%	44.90%	25.54%	-1.25%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	21	4.89%	19.79%	20.24%	38.69%	22.75%	-3.03%
IYW	Dow Jones US Technology	Technology Equities	20	3.50%	6.62%	21.98%	49.13%	24.23%	-5.12%
IGV	iShares North American Tech-Software	Technology Equities	18	3.60%	8.00%	23.21%	38.48%	20.85%	-20.65%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	18	3.52%	6.99%	19.12%	41.44%	20.60%	-6.77%
XLK	Technology Select *	Technology Equities	17	2.58%	5.78%	18.98%	41.07%	20.48%	-2.61%
VGT	Vanguard Info Technology	Technolgy Equities	17	2.51%	5.95%	18.61%	39.70%	19.73%	-4.26%
IYT	Dow Jones Transportation	Transportation Equities	16	5.80%	16.48%	17.27%	22.95%	14.40%	-6.21%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	16	3.26%	7.05%	17.69%	37.26%	19.11%	-54.28%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	16	2.94%	6.74%	16.84%	38.65%	19.10%	-9.74%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	15	2.10%	11.49%	16.82%	30.38%	14.21%	-19.70%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	15	1.31%	10.74%	17.75%	31.53%	14.64%	-19.65%
VOX	Vanguard Telecom Serv's	Communication Equities	15	3.98%	6.71%	15.36%	33.23%	16.04%	-27.27%
VUG	Vanguard Growth	Large Cap Growth	15	3.04%	7.11%	16.37%	34.85%	17.55%	-11.76%
KBE	SPDR S&P Bank	Specialty-Financial	14	14.48%	19.15%	29.91%	-8.22%	-1.13%	-31.40%
IWF	Russell 1000 Growth	Large Growth	14	3.10%	7.02%	15.52%	30.54%	16.12%	-9.65%
KRE	SPDR S&P Region.Banking	Specialty-Financial	13	16.30%	20.80%	33.12%	-18.23%	-7.17%	-39.03%
IYC	iShares US Consumer Services	Consumer Discretionary	13	1.78%	9.92%	13.79%	25.44%	11.82%	-74.21%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	13	-0.24%	7.71%	15.65%	28.88%	15.38%	-1.36%
ILF	iShares S&P 40 Latin America	Latin America Stock	13	2.95%	10.53%	15.67%	21.93%	11.83%	-29.34%
EWZ	iShares Brazil Index	Latin America Stock	13	2.76%	11.31%	19.55%	18.27%	12.13%	-31.67%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	12	3.28%	14.05%	11.69%	16.98%	8.79%	-14.06%
EWW	iShares Mexico Index	Latin America Stock	12	2.88%	6.93%	6.21%	30.09%	11.61%	-0.02%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	12	3.99%	8.18%	13.26%	21.73%	12.79%	-5.18%
FXO	1st Trust Financials AlphaDEX	Financial Equities	12	9.03%	14.60%	22.38%	0.24%	2.25%	-15.53%
IVW	S&P 500/BARRA Growth	Large Growth	11	3.09%	6.74%	13.20%	22.58%	12.76%	-15.45%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	11	3.11%	6.92%	13.04%	21.98%	12.47%	-15.12%
VIS	Vanguard Industrials	industrials Equities	11	2.82%	12.38%	13.12%	14.77%	9.99%	-0.97%
SPYG	S&P 500 Growth	Large Cap Growth	11	3.09%	6.65%	13.10%	22.50%	12.65%	-15.53%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	11	3.13%	6.63%	13.08%	22.53%	12.66%	-15.52%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	11	9.81%	16.01%	17.48%	-0.20%	3.32%	-12.53%
XRT	SPDR S&P Retail *	Consumer Discretionary	11	4.70%	16.55%	11.78%	9.88%	4.31%	-36.23%
EWI	iShares Italy Index	Europe Stock	11	5.51%	9.02%	6.12%	22.94%	11.64%	-3.92%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	11	4.05%	10.40%	15.29%	15.75%	8.94%	-23.11%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	11	-1.34%	4.98%	12.73%	26.57%	7.56%	-20.68%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10	2.90%	8.74%	12.61%	16.66%	9.23%	-21.10%
VBR	Vanguard SmallCap Value	Small Cap Value	10	4.29%	12.26%	13.98%	8.19%	5.72%	-7.49%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	10	3.36%	7.81%	12.28%	17.96%	10.53%	-7.06%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	10	6.30%	10.77%	15.51%	5.92%	4.70%	-18.04%

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VB	Vanguard SmallCap	Small Cap Blend	10	3.47%	10.35%	12.89%	11.49%	6.70%	-14.52%
IWP	Russell MidCap Growth	Mid-Cap Growth	10	2.55%	7.92%	11.71%	17.21%	9.19%	-20.51%
PKW	PowerShares Buyback Achievers	All Cap Equities	10	4.80%	12.80%	12.69%	8.89%	7.22%	-5.04%
IWV	Russell 3000 Index	All Cap Equities	10	3.33%	7.84%	12.25%	17.88%	10.51%	-6.80%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	10	3.39%	10.30%	13.00%	11.33%	6.37%	-59.05%
SCHB	Schwab U.S. Broad Market	All Cap Equities	10	3.34%	7.70%	12.23%	17.94%	10.49%	-53.52%
SPY	SPDR S&P 500	Large Cap Blend	10	3.28%	7.27%	11.69%	18.32%	10.75%	-5.28%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	10	3.71%	7.37%	10.44%	17.55%	10.56%	-3.72%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	10	3.38%	7.55%	12.15%	18.58%	10.89%	-53.27%
FXN	1st Trust Energy AlphaDEX	Energy Equities	10	7.98%	15.02%	17.27%	-1.87%	1.97%	-13.56%
VV	Vanguard LargeCap	Large Cap Blend	10	3.42%	7.41%	12.08%	18.93%	11.05%	-6.57%
IWO	Russell 2000 Growth	Small Growth	10	2.73%	8.95%	12.57%	15.34%	8.16%	-26.50%
IVV	S&P 500	Large Blend	10	3.32%	7.36%	11.81%	18.40%	10.83%	-5.19%
VTI	Total Stock Market VIPERs	All Cap Equities	10	3.34%	7.68%	12.11%	17.85%	10.38%	-7.27%
IWB	Russell 1000 Index	Large Blend	10	3.33%	7.66%	12.15%	18.29%	10.76%	-6.42%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	10	3.32%	7.54%	11.08%	17.08%	10.01%	-6.79%
IWM	Russell 2000	Small Blend	10	4.05%	10.40%	13.80%	11.22%	6.55%	-20.05%
IWN	Russell 2000 Value	Small Value	10	5.11%	11.75%	14.74%	6.68%	4.55%	-16.36%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	10	3.31%	7.29%	11.74%	18.35%	10.71%	-5.33%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	3.63%	11.76%	12.94%	9.51%	5.94%	-36.20%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	9	3.28%	10.01%	11.47%	10.93%	6.43%	-12.72%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	9	3.10%	9.81%	13.55%	9.64%	5.96%	-43.33%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	9	4.71%	12.76%	13.35%	6.26%	3.89%	-64.63%
IJR	S&P Sm.Cap 600	Small Blend	9	3.71%	10.76%	13.29%	9.10%	5.27%	-14.19%
ECH	iShares Chile Index	Latin America	9	7.31%	7.05%	8.70%	14.36%	9.80%	-44.85%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	9	3.37%	10.29%	11.04%	12.66%	7.61%	-70.06%
IJS	S&P SmallCap 600/BARRA Value	Small Value	9	4.30%	11.76%	13.02%	8.58%	4.64%	-42.78%
IJH	S&P MidCap 400	Mid-Cap Blend	9	3.49%	11.09%	11.94%	11.20%	6.84%	-7.42%
EWP	iShares Spain Index	Europe Stock	9	3.01%	6.79%	4.96%	21.59%	10.32%	-18.87%
IYF	Dow Jones US Financial Sector	Specialty-Financial	9	6.64%	11.44%	14.69%	4.72%	4.92%	-44.90%
MDY	MidCap Trust Series I	Mid-Cap Blend	9	3.42%	10.80%	11.81%	11.09%	6.73%	-7.37%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	9	5.74%	4.02%	9.51%	17.42%	8.83%	-31.07%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	9	7.91%	9.56%	10.78%	9.31%	8.97%	-23.43%
IVE	S&P 500/BARRA Value	Large Value	9	3.45%	8.09%	10.22%	13.80%	8.57%	-0.67%
IYJ	Dow Jones US Industrial	Industrial Equities	9	2.97%	10.54%	11.32%	12.20%	8.27%	-43.91%
GSG	iShares GSCI Commodity Index	Commodities.	9	10.51%	12.37%	13.56%	0.57%	4.65%	-18.94%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	9	3.55%	9.96%	11.04%	11.10%	6.80%	-66.56%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	9	2.54%	2.96%	9.76%	19.55%	6.02%	-29.16%
VFH	Vanguard Financials	Financials Equities	9	6.04%	10.51%	14.56%	3.37%	3.60%	-15.95%
VBK	Vanguard SmallCap Growth	Small Cap Growth	9	2.34%	7.88%	11.49%	16.26%	8.04%	-23.75%
VO	Vanguard Mid-Cap	Mid-Cap Blend	9	3.42%	9.67%	10.80%	10.66%	6.57%	-13.66%
XLI	Industrial Select Sector *	Industrial Equities	9	2.89%	11.61%	11.68%	11.48%	8.55%	-0.86%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	8	0.15%	7.50%	9.32%	13.03%	6.50%	-20.44%
EWN	iShares Netherlands Index	Europe Stock	8	3.39%	4.46%	6.50%	18.85%	8.46%	-17.70%

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RSP	Guggenheim S&P Equal Weight	Large Blend	8	3.58%	9.23%	9.23%	8.77%	5.64%	-6.43%
EZA	iShares South Africa Index	Emerging Markets Equit	8	10.98%	14.42%	3.84%	2.74%	3.64%	-42.66%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8	3.90%	10.32%	11.28%	8.03%	5.89%	-6.97%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	8	3.79%	8.32%	9.99%	10.82%	7.05%	-1.14%
EWJ	iShares Japan Index	Japan Stock	8	2.98%	4.13%	7.83%	16.35%	9.52%	-14.54%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	8	3.52%	10.97%	6.15%	11.01%	5.35%	-30.48%
XLB	Materials Select Sector *	Materials	8	3.14%	11.39%	8.09%	9.01%	5.43%	-6.54%
VT	Vanguard Total World Stock Index	Global Equities	8	3.57%	6.34%	8.45%	15.26%	8.50%	-9.05%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	8	10.45%	13.27%	22.24%	-12.38%	-5.65%	-40.29%
IYM	Dow Jones US Basic Mat's	Materials	8	3.39%	11.49%	7.10%	9.19%	4.64%	-11.54%
VAW	Vanguard Materials VIPERS	Materials	8	3.42%	11.91%	8.76%	9.68%	5.71%	-6.42%
IWS	Russell MidCap Value	Mid-Cap Value	8	3.95%	10.85%	10.30%	7.54%	5.17%	-8.34%
ACWI	iShares MSCI ACWI	Global Equities	8	3.46%	5.89%	8.15%	15.66%	8.64%	-8.45%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	8	4.20%	11.22%	11.33%	6.05%	4.31%	-57.00%
XME	SPDR S&P Metals & Mining	Commodity Producers	8	3.18%	14.57%	10.54%	4.84%	1.37%	-20.70%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	7	3.90%	10.65%	9.15%	5.44%	4.13%	-6.90%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	7	3.52%	10.22%	10.83%	3.09%	3.71%	-6.85%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	7	5.20%	6.00%	5.47%	12.49%	6.97%	-20.27%
KIE	SPDR S&P Insurance	Specialty-Financial	7	4.80%	10.57%	8.57%	3.93%	3.95%	-54.64%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	7	-0.90%	0.24%	7.76%	21.12%	9.01%	-6.22%
FEZ	SPDR Euro Stoxx 50	Europe Stock	7	2.14%	3.54%	1.29%	19.51%	7.60%	-6.28%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	7	8.69%	10.21%	8.35%	-0.41%	1.40%	-22.47%
EZU	European Monetary Union Index	Europe Stock	7	2.95%	3.89%	1.44%	17.79%	7.24%	-9.78%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	7	2.82%	2.92%	2.28%	18.85%	6.34%	-0.79%
XLF	Financial Select Sector *	Financial Equities	7	5.12%	9.44%	11.35%	2.72%	3.14%	-15.19%
IWD	Russell 1000 Value	Large Value	7	3.62%	8.26%	8.46%	6.94%	5.19%	-4.89%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	7	3.69%	8.78%	9.68%	6.03%	3.69%	-15.91%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	7	5.64%	6.50%	6.81%	9.73%	8.18%	-3.70%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	7	2.86%	7.05%	7.47%	8.92%	6.51%	-3.96%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	7	2.02%	6.00%	8.49%	10.43%	6.02%	-22.94%
RPV	Guggenheim S&P 500 Pure Value	Large Value	7	3.71%	11.19%	11.67%	2.60%	1.85%	-10.53%
VDE	Vanguard Energy VIPERS	Energy Equities	7	6.39%	11.12%	11.05%	-1.64%	1.34%	-9.55%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	6	2.99%	8.82%	5.40%	6.91%	4.95%	-2.52%
VTV	Vanguard Value	Large Cap Value	6	3.78%	7.79%	7.32%	4.17%	4.08%	-3.03%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	0.49%	2.56%	2.72%	16.99%	3.68%	-16.54%
MOO	VanEck Vectors Agribusiness	Commodity Producers	6	7.14%	11.66%	4.62%	1.22%	0.64%	-19.79%
IYE	Dow Jones US Energy	Specialty-Natural Res.	6	6.35%	10.50%	10.45%	-2.69%	0.67%	-10.42%
IGE	iShares North American Natural Resources	Commodity Producers	6	5.84%	10.11%	8.46%	0.22%	1.82%	-10.30%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	6	3.80%	4.36%	5.62%	11.58%	6.56%	-16.18%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	6	3.77%	4.42%	3.45%	11.31%	5.62%	-14.51%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	6	4.66%	4.83%	3.68%	10.95%	5.34%	-19.68%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	6	2.40%	5.37%	6.73%	8.01%	6.04%	-14.87%
DBC	PowerShares DB Commodity Index	Commodities	6	8.53%	9.01%	7.95%	-0.89%	2.01%	-19.98%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	6	3.51%	4.24%	3.03%	12.56%	5.97%	-11.59%

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XLE	Energy Select Sector *	Energy Equities	6	6.13%	10.38%	9.58%	-2.15%	0.91%	-9.02%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	6	4.22%	5.86%	5.12%	7.56%	4.30%	-26.48%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	6	4.68%	4.97%	2.92%	10.57%	5.84%	-14.84%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	6	4.98%	5.43%	3.34%	11.09%	5.44%	-20.69%
EWG	iShares Germany Index	Europe Stock	6	3.46%	2.15%	-0.14%	17.43%	6.49%	-20.39%
EWQ	iShares France Index	Europe Stock	6	2.08%	3.78%	-0.31%	17.00%	6.58%	-4.20%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	6	3.68%	7.23%	7.08%	5.88%	4.85%	-5.57%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	4.31%	5.33%	5.33%	8.02%	4.56%	-29.37%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	6	3.40%	6.60%	6.47%	6.47%	5.09%	-4.10%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	6	4.36%	5.62%	4.18%	11.68%	6.16%	-7.92%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	6	4.32%	5.31%	5.48%	9.14%	5.23%	-26.62%
PIN	PowerShares India Portfolio	Emerging Markets Equit	6	2.28%	5.42%	8.52%	9.53%	4.81%	-55.82%
SCHF	Schwab International Equity	Foreign Large Cap Equi	6	3.43%	4.14%	2.94%	13.13%	6.14%	-10.77%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	6	4.14%	5.74%	4.95%	7.75%	4.53%	-25.65%
VXUS	Vanguard Total International Stock	Global Equities	6	3.69%	4.39%	3.28%	11.27%	5.58%	-14.74%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	6	3.61%	8.09%	7.15%	4.38%	3.75%	-7.12%
EWL	iShares Switzerland Index	Europe Stock	5	4.85%	2.36%	-1.40%	13.95%	6.67%	-9.88%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	5	-0.33%	2.06%	2.89%	13.52%	2.73%	-15.63%
EWC	iShares Canada Index	Foreign Large Cap Equi	5	2.78%	5.40%	3.04%	8.62%	3.36%	-12.57%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	5	6.77%	10.62%	4.41%	0.11%	0.37%	-12.56%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	3.69%	3.95%	2.77%	11.05%	5.40%	-14.56%
VGK	Vanguard European	Europe Equities	5	3.65%	3.35%	0.56%	13.58%	5.67%	-10.81%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	5	4.56%	3.34%	0.45%	10.02%	5.00%	-17.13%
EWK	iShares Belgium Index	Europe Stock	5	8.08%	6.56%	-1.15%	5.19%	3.68%	-18.79%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	5	3.20%	3.05%	1.51%	12.60%	5.78%	-10.01%
INDA	iShares MSCI India	Emerging Markets Equit	5	2.05%	5.01%	7.20%	5.97%	6.23%	-12.90%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	5	3.58%	3.16%	1.54%	12.13%	5.67%	-11.61%
VYM	Vanguard High Div. Yield Index	Large Cap Value	5	4.16%	7.62%	6.57%	1.31%	2.27%	-4.68%
IEV	S&P Europe 350 Index	Europe Stock	5	3.44%	2.84%	-0.02%	13.62%	5.67%	-7.71%
DJP	Bloomberg Commodity Index	Commodities	5	8.06%	9.92%	7.28%	-3.35%	1.35%	-20.92%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	5	1.94%	1.62%	0.49%	14.52%	5.83%	-15.82%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	5	5.05%	7.23%	12.05%	-2.74%	5.47%	-25.90%
SCHD	Schwab US Dividend Equity	All Cap Equities	5	4.37%	7.57%	7.65%	-0.50%	1.39%	-8.27%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	3.78%	3.98%	2.81%	11.07%	5.46%	-14.88%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	5	4.17%	4.30%	3.56%	5.97%	3.25%	-32.74%
RWR	Wilshire REIT Fund	Real Estate	5	2.71%	6.34%	4.54%	6.00%	2.60%	-24.38%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	5	2.37%	11.51%	5.71%	1.52%	-0.96%	-49.48%
EWA	iShares Australia Index	Asia Pacific Equities	4	4.07%	3.93%	2.60%	4.59%	1.31%	-15.08%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	4	6.06%	6.81%	1.63%	2.44%	2.25%	-34.99%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	3.00%	7.81%	4.28%	-0.49%	-0.32%	-10.90%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	4	4.02%	5.74%	2.61%	3.67%	1.65%	-25.02%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	4	-0.22%	0.45%	0.70%	16.41%	4.85%	-7.61%
SDY	SPDR Dividend ETF	Large Value	4	3.35%	6.80%	3.40%	0.74%	1.04%	-4.76%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	4	0.73%	1.49%	-0.17%	12.55%	2.95%	-13.65%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	2.30%	4.99%	3.45%	4.38%	3.41%	-7.13%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	4.67%	3.37%	1.08%	7.95%	3.95%	-22.90%
FXI	iShares China 25 Index	China Equities	4	5.79%	7.02%	0.71%	0.71%	0.90%	-47.68%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	1.62%	5.75%	1.45%	7.70%	5.20%	-84.76%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	4	0.77%	5.08%	2.83%	7.45%	2.31%	-25.96%
VNQ	Vanguard REIT Index	Real Estate	4	2.02%	5.96%	3.86%	2.79%	0.60%	-26.92%
IYR	Dow Jones US Real Estate	Real Estate	4	1.87%	6.61%	4.74%	4.19%	1.96%	-24.47%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4	5.14%	6.78%	5.11%	-2.68%	-0.81%	-9.19%
IXC	S&P Global Energy	Energy Equities	4	4.71%	7.14%	6.00%	-0.77%	0.31%	-9.18%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	3.74%	6.09%	5.03%	-0.45%	1.23%	-5.59%
SCHH	Schwab U.S. REIT	Real Estate	4	2.11%	5.82%	3.39%	2.80%	0.88%	-62.36%
EWD	iShares Sweden Index	Europe Stock	3	2.47%	2.86%	-2.62%	10.18%	2.74%	-27.88%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	3	3.44%	5.78%	-0.15%	3.47%	2.00%	-32.90%
ICF	Cohen & Steers Realty	Real Estate	3	1.81%	5.77%	3.38%	2.55%	0.76%	-55.35%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	3	3.29%	4.56%	1.20%	1.96%	1.89%	-5.77%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	3	2.69%	3.07%	5.78%	-0.71%	3.06%	-8.72%
EWU	iShares United Kingdom Index	Europe Stock	3	3.57%	2.26%	-0.81%	7.76%	3.26%	-12.78%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	3	3.80%	8.72%	4.40%	-3.62%	-1.10%	-11.30%
FXB	CurrencyShares British Pound	Currency	3	1.48%	2.39%	1.92%	5.99%	4.13%	-15.37%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	3	2.94%	7.33%	3.88%	-3.47%	-1.13%	-14.07%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	3	5.65%	7.41%	2.69%	-3.27%	-1.17%	-14.06%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	3	2.96%	6.81%	4.58%	-0.58%	0.21%	-9.16%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	3	1.45%	3.00%	2.89%	4.77%	2.61%	-36.80%
DVY	iShares Select Dividend Index	Large Cap Value	3	3.93%	7.49%	4.79%	-2.87%	-1.00%	-11.35%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	3	1.87%	6.04%	5.06%	-0.56%	1.48%	-25.10%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	3	15.12%	4.21%	7.19%	-12.97%	-0.83%	-31.66%
MCHI	iShares MSCI China	China Equities	3	6.05%	5.95%	-0.80%	-1.09%	-0.96%	-51.66%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	3	4.14%	7.79%	5.63%	-4.22%	-1.41%	-9.61%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3	3.80%	6.24%	0.48%	2.69%	0.81%	-24.92%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	3	1.31%	-0.98%	-0.11%	10.24%	0.78%	-11.04%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	-0.45%	5.16%	4.62%	3.56%	2.53%	-51.69%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	3	5.97%	3.22%	-1.16%	3.83%	1.81%	-30.72%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	3	2.03%	1.85%	5.60%	1.07%	0.91%	-14.51%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	0.69%	1.79%	1.60%	2.27%	1.21%	-26.67%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	2	0.88%	1.51%	5.42%	1.28%	-1.21%	-23.24%
IYH	Dow Jones US Healthcare	Specialty-Health	2	2.25%	4.42%	1.48%	-0.12%	1.90%	-6.13%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	2	3.70%	3.40%	-0.11%	1.57%	0.19%	-19.47%
BBH	VanEck Vectors Biotech	Health & Biotech	2	3.50%	3.20%	0.96%	0.26%	-0.73%	-27.45%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	2	2.38%	2.88%	-0.07%	1.33%	2.04%	-30.11%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	2	3.43%	4.66%	0.06%	-1.90%	-0.37%	-9.75%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	2	2.53%	4.04%	-0.37%	3.16%	2.42%	-5.13%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	2	2.08%	2.60%	0.29%	4.57%	2.78%	-8.24%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	2	7.03%	3.86%	-0.85%	-0.28%	0.12%	-33.77%
VHT	Vanguard Health Care	Health & Biotech Equiti	2	2.16%	4.25%	1.57%	-0.07%	1.69%	-7.34%

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RWX	SPDR DJ Wil Intern. RE	Real Estate	2	7.14%	3.53%	-2.26%	-1.31%	-0.63%	-38.71%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	2	2.89%	4.72%	4.64%	-2.53%	0.68%	-11.82%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	2	2.60%	4.76%	1.81%	-0.78%	1.71%	-5.63%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2	3.80%	4.04%	1.44%	-1.40%	0.43%	-7.23%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	2	1.95%	-0.95%	-1.51%	9.37%	1.98%	-3.66%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	2	5.15%	3.32%	-0.76%	0.81%	0.31%	-23.69%
PZA	Pshares Insured National Munis	National Munis	1	0.30%	0.38%	-0.46%	2.83%	0.90%	-14.28%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	-0.08%	0.55%	0.91%	0.91%	0.65%	-0.59%
FXE	CurrencyShares Euro Currency Trust	Currency	1	0.87%	2.01%	-0.40%	2.52%	2.31%	-15.92%
XLP	Consumer Staples Select *	Consumer Staples	1	2.43%	3.73%	-1.50%	1.03%	1.28%	-6.52%
EWM	iShares Malaysia Index	Emerging Markets Equit	1	7.70%	4.21%	-2.05%	-5.74%	-1.57%	-40.97%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.22%	0.98%	0.88%	1.22%	0.17%	-13.82%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	0.20%	1.11%	0.94%	1.77%	0.33%	-12.33%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	-0.14%	1.40%	0.82%	2.09%	0.33%	-10.50%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	1	2.39%	3.88%	-0.69%	0.32%	1.62%	-4.68%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-1.02%	-0.21%	1.84%	1.44%	0.11%	-8.02%
IYZ	Down Jones US Telecom	Commun. Equities	1	0.68%	3.13%	2.89%	-1.47%	-2.19%	-39.52%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	0.24%	0.93%	0.71%	1.71%	0.19%	-15.83%
JXI	iShares S&P Global Utilities	Utilities Equities	1	2.95%	2.91%	-2.57%	0.96%	1.18%	-9.99%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	0.12%	0.00%	0.35%	1.69%	0.33%	-11.49%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	2.27%	5.50%	0.10%	-2.47%	0.56%	-10.05%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1	3.93%	0.72%	-3.60%	4.77%	0.08%	-27.53%
IDU	Dow Jones US Utilities	Utilities Equities	1	3.23%	4.25%	-1.46%	-3.62%	-0.69%	-52.89%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	1.95%	1.51%	4.12%	-3.69%	-2.61%	-22.02%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	0.12%	1.03%	1.13%	1.84%	0.45%	-10.82%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	1	0.45%	1.59%	1.07%	1.87%	0.84%	-25.40%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	1.72%	4.56%	0.46%	-0.86%	0.74%	-8.74%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	0.63%	-0.55%	4.97%	-0.21%	-3.09%	-26.42%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	1	0.27%	-1.14%	4.16%	0.89%	-3.05%	-27.08%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	0.33%	1.11%	0.82%	2.14%	0.31%	-71.70%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	1.56%	0.71%	-1.77%	1.47%	0.55%	-27.63%
XLU	Utilities Select Sector *	Utilities Equities	0	3.82%	4.25%	-2.04%	-4.70%	-1.28%	-13.99%
BNDX	Vanguard Total International Bond	Total Bond Market	0	-0.27%	-0.51%	-0.73%	2.64%	0.27%	-17.80%
IAU	iShares Gold Trust	Precious Metals	0	1.91%	-1.73%	-5.20%	6.50%	2.73%	-6.54%
GLD	SPDR Gold Shares	Precious Metals	0	1.88%	-1.82%	-5.26%	6.35%	2.62%	-6.95%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	0	1.43%	-0.23%	0.63%	-0.21%	-1.07%	-16.79%
SLV	iShares Silver Trust	Precious Metals	0	6.71%	0.73%	-7.64%	0.41%	3.96%	-18.11%
MUB	iShares S&P National Muni Bond	National Munis	0	0.18%	0.45%	-0.61%	1.14%	0.36%	-9.51%
VPU	Vanguard Utilities VIPERS	Utilities Equities	0	3.68%	3.85%	-2.01%	-4.93%	-1.65%	-13.94%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.02%	0.20%	0.05%	0.34%	0.18%	-0.96%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	0.09%	-0.33%	-1.11%	0.61%	0.00%	-9.13%
RSX	Market Vectors Russia	Emerging Markets Equit	0	0.00%	0.00%	0.00%	-0.53%	-0.15%	-83.14%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	0	1.56%	0.90%	-1.83%	-2.57%	-2.30%	-62.47%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	-0.47%	-0.70%	-1.95%	1.35%	-0.77%	-23.21%

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FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	0	-1.03%	3.03%	-0.54%	-2.20%	-1.35%	-16.99%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	0	-0.40%	-0.86%	-1.71%	1.01%	-0.49%	-10.64%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bond	-1	-0.38%	-1.29%	-2.97%	0.42%	-1.26%	-18.59%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.07%	-0.76%	-1.72%	-0.22%	-0.60%	-6.69%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.07%	-0.87%	-1.95%	0.25%	-0.39%	-9.40%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	-0.19%	-1.23%	-2.46%	0.17%	-0.76%	-13.28%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1	-0.64%	-0.94%	-2.19%	0.35%	-1.05%	-20.20%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	-0.61%	-1.42%	-2.87%	0.15%	-1.29%	-19.68%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.12%	-0.74%	-1.82%	-0.50%	-0.77%	-7.21%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-1	-0.44%	-1.11%	-2.19%	0.57%	-0.87%	-19.60%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.09%	-0.76%	-1.74%	-0.26%	-0.62%	-7.49%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	-0.55%	-1.38%	-2.74%	0.28%	-1.15%	-19.49%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	-0.79%	-0.70%	-2.29%	1.56%	-1.47%	-31.93%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	-1	7.78%	0.63%	-3.90%	-8.21%	-4.17%	-32.15%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1	-0.63%	-1.88%	-3.59%	0.38%	-1.26%	-20.95%
BAB	PowerShares Build America Bond Portfolio	National Munis	-1	-0.79%	-1.39%	-3.32%	1.94%	-0.87%	-24.34%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	0.02%	-0.85%	-1.86%	0.02%	-0.53%	-9.27%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-1	3.62%	2.00%	-5.76%	-1.93%	-3.55%	-40.78%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	-0.55%	-1.45%	-2.79%	0.20%	-1.23%	-18.77%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	-0.23%	-0.92%	-2.17%	1.30%	-0.51%	-19.19%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	-1	-0.40%	-1.33%	-2.98%	0.26%	-1.27%	-18.45%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	-0.60%	-2.13%	-3.94%	-0.38%	-1.54%	-17.77%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-2	-0.43%	-1.93%	-3.62%	-0.14%	-1.22%	-14.44%
BLV	Vanguard Long Term Bond	Long-Term Bond	-2	-1.48%	-1.96%	-3.95%	0.83%	-2.35%	-37.85%
FXV	CurrencyShares Japanese Yen Trust	Currency	-2	3.87%	-0.36%	-3.79%	-6.08%	-2.36%	-30.93%
EWK	iShares Hong Kong Index	China Equities	-2	1.56%	2.41%	-5.09%	-6.90%	-3.43%	-30.39%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-2	-1.03%	-3.89%	-2.63%	-1.48%	-1.50%	-53.00%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-2	-1.12%	-2.84%	-4.91%	-0.49%	-2.25%	-22.55%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-2	-0.79%	-1.94%	-3.49%	-0.13%	-1.49%	-19.82%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	-0.65%	-2.16%	-3.98%	-0.61%	-1.68%	-17.01%
TLT	iShares 20+ Treas. Bd	Government Bonds	-3	-2.40%	-3.70%	-5.64%	-0.26%	-3.91%	-42.12%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-3	2.18%	-4.79%	-15.65%	5.02%	-0.67%	-36.45%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-3	-2.07%	-3.48%	-5.77%	-0.53%	-3.32%	-37.56%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	-3	2.46%	-5.19%	-14.96%	5.90%	-0.40%	-31.84%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-3	12.83%	-0.17%	-17.56%	-6.53%	2.67%	-57.09%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-4	-4.07%	-5.21%	-7.23%	-0.75%	-5.65%	-53.91%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-4	3.66%	12.15%	13.22%	-44.75%	-30.18%	-52.09%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-4	2.91%	-6.23%	-14.01%	1.26%	-2.28%	-43.64%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	-4	-3.98%	-4.82%	-6.60%	-0.72%	-5.82%	-54.37%
SIL	Global X Silver Miners	Commodity Producers	-5	4.31%	-4.25%	-13.97%	-5.57%	-6.32%	-50.36%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-2.69%	-4.79%	-2.91%	-11.50%	-6.48%	-50.41%
DOG	ProShares Short Dow 30	Bear Market	-5	-2.76%	-6.30%	-5.88%	-4.98%	-4.32%	-64.59%
UNG	U.S. Natural Gas Fund	Oil & Gas	-5	-2.51%	17.85%	14.57%	-50.35%	-34.36%	-92.07%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-7	4.21%	-7.06%	-10.92%	-12.94%	-6.63%	-27.63%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
RWM	ProShares Short Russell2000	Inverse Equities	-9	-3.28%	-9.93%	-12.28%	-10.00%	-6.46%	-64.92%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-9	-2.57%	-7.13%	-10.36%	-14.72%	-9.56%	-67.18%
PSQ	ProShares Short QQQ	Inverse Equities	-14	-2.80%	-6.96%	-16.17%	-29.21%	-18.10%	-81.27%
HDGE	Ranger Equity Bear	Inverse Equities	-20	-8.87%	-17.20%	-24.55%	-27.83%	-18.96%	-81.52%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-78	-79.23%	-78.31%	-78.03%	-78.29%	-78.32%	-80.81%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-79	-79.24%	-78.21%	-78.51%	-79.30%	-79.03%	-85.79%