

HV ETF Master List as of 11/17/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	33	10.50%	27.31%	32.34%	60.33%	36.83%	-36.78%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	28	-11.66%	7.52%	22.38%	92.95%	22.67%	-23.61%
XLE	Energy Select Sector *	Energy Equities	27	9.31%	22.01%	10.19%	66.41%	17.50%	-1.83%
VDE	Vanguard Energy VIPERS	Energy Equities	26	9.12%	19.96%	9.48%	66.60%	17.56%	-1.96%
IYE	Dow Jones US Energy	Specialty-Natural Res.	25	9.39%	18.74%	8.84%	64.82%	17.84%	-1.76%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	25	7.17%	17.49%	7.85%	69.01%	18.37%	-2.30%
FXN	1st Trust Energy AlphaDEX	Energy Equities	21	7.64%	14.55%	3.22%	58.47%	15.64%	-2.63%
IXC	S&P Global Energy	Energy Equities	21	9.26%	17.44%	7.47%	50.56%	13.71%	-2.77%
IGE	iShares North American Natural Resources	Commodity Producers	17	9.70%	16.10%	4.57%	35.83%	9.43%	-5.88%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	13	-5.70%	4.23%	11.63%	41.71%	12.35%	-8.15%
EWW	iShares Mexico Index	Latin America Stock	12	15.21%	15.16%	11.95%	5.38%	9.44%	-7.46%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	8	10.05%	11.17%	-0.07%	10.91%	2.26%	-10.48%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	8	10.95%	12.94%	1.85%	8.19%	2.95%	-10.57%
EWI	iShares Italy Index	Europe Stock	8	19.94%	18.01%	12.11%	-17.31%	5.28%	-21.29%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	19.13%	19.43%	9.25%	-17.00%	5.51%	-21.52%
XME	SPDR S&P Metals & Mining	Commodity Producers	8	10.88%	15.10%	-5.43%	12.89%	-1.12%	-23.23%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	7	9.40%	12.34%	1.07%	6.06%	5.86%	-54.54%
PSQ	ProShares Short QQQ	Inverse Equities	7	-6.24%	-2.88%	10.46%	27.70%	3.50%	-75.13%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	7	27.24%	11.79%	17.25%	-28.21%	-10.83%	-64.22%
PPLT	ETFS Physical Platinum Shares	Precious Metals	7	6.87%	8.90%	10.95%	1.29%	3.62%	-23.75%
BBH	VanEck Vectors Biotech	Health & Biotech	7	16.05%	17.95%	7.99%	-12.67%	9.09%	-25.09%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	6	12.92%	13.61%	5.50%	-6.72%	7.32%	-18.27%
EZA	iShares South Africa Index	Emerging Markets Equi	6	18.22%	13.74%	-0.21%	-6.19%	-2.97%	-42.71%
GSG	iShares GSCI Commodity Index	Commodities.	6	0.79%	1.41%	-6.04%	26.42%	-5.31%	-17.88%
EWQ	iShares France Index	Europe Stock	6	15.54%	16.61%	6.05%	-15.66%	3.50%	-18.94%
EWG	iShares Germany Index	Europe Stock	6	19.87%	18.90%	10.44%	-24.19%	1.53%	-31.88%
KIE	SPDR S&P Insurance	Specialty-Financial	6	8.07%	10.65%	2.36%	1.14%	4.42%	-56.49%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	5	17.00%	14.24%	3.79%	-15.33%	-9.72%	-39.10%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	9.42%	7.62%	-0.39%	4.19%	2.23%	-4.28%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	5	13.35%	14.18%	4.57%	-12.67%	8.43%	-60.90%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	8.25%	12.41%	-0.39%	-2.01%	5.60%	-6.48%
UNG	U.S. Natural Gas Fund	Oil & Gas	5	9.40%	-18.09%	-36.22%	64.93%	-13.58%	-76.68%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	13.97%	14.30%	7.95%	-14.75%	3.81%	-17.75%
VYM	Vanguard High Div. Yield Index	Large Cap Value	5	10.83%	9.99%	0.50%	-2.23%	3.03%	-4.70%
XLI	Industrial Select Sector *	Industrial Equities	5	14.35%	14.29%	-0.24%	-6.71%	5.10%	-7.85%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	5	9.05%	7.56%	-1.57%	4.05%	1.83%	-5.56%
EZU	European Monetary Union Index	Europe Stock	5	17.62%	16.88%	6.92%	-19.63%	2.81%	-23.56%
EWN	iShares Netherlands Index	Europe Stock	5	20.86%	18.14%	4.36%	-24.67%	2.66%	-29.66%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	5	9.00%	7.34%	0.03%	4.88%	2.08%	-5.07%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	5.60%	5.04%	1.48%	7.32%	5.18%	0.00%
DBC	PowerShares DB Commodity Index	Commodities	5	1.97%	1.97%	-4.45%	21.94%	-3.85%	-17.00%

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XLF	Financial Select Sector *	Financial Equities	4	12.22%	11.19%	0.92%	-10.17%	2.02%	-15.31%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	4	2.45%	1.44%	-3.05%	15.83%	-3.25%	-15.10%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	4	7.67%	9.09%	3.78%	-4.19%	2.81%	-6.95%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	4	18.09%	15.30%	2.12%	-20.58%	-9.83%	-48.01%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	9.20%	9.24%	-1.76%	-1.03%	0.51%	-9.34%
IYM	Dow Jones US Basic Mat's	Materials	4	13.01%	13.46%	-2.02%	-9.25%	-1.51%	-17.39%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	10.81%	11.84%	0.89%	-7.49%	3.78%	-8.64%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	11.44%	13.23%	1.34%	-9.63%	3.81%	-11.11%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	11.50%	11.87%	4.32%	-10.15%	4.33%	-13.12%
DJP	Bloomberg Commodity Index	Commodities	4	4.53%	-0.15%	-7.23%	19.86%	-5.12%	-16.50%
SCHD	Schwab US Dividend Equity	All Cap Equities	4	11.54%	10.49%	-0.10%	-5.43%	2.50%	-6.71%
VTV	Vanguard Value	Large Cap Value	4	10.14%	8.64%	-0.42%	-4.05%	1.96%	-6.40%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	4	16.29%	7.80%	2.45%	-10.24%	2.29%	-31.89%
VIS	Vanguard Industrials	industrials Equities	4	13.52%	12.69%	-0.92%	-8.67%	4.64%	-10.67%
SLV	iShares Silver Trust	Precious Metals	4	12.35%	6.63%	8.80%	-10.32%	-2.31%	-28.56%
SDY	SPDR Dividend ETF	Large Value	4	11.23%	8.46%	-1.96%	-1.50%	3.08%	-3.90%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	3	9.06%	8.85%	1.71%	-6.98%	3.00%	-8.49%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	4.93%	5.69%	1.23%	0.97%	5.06%	-2.78%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	3	8.31%	8.09%	1.69%	-4.79%	3.36%	-6.38%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	3	9.94%	7.69%	-3.68%	-3.84%	-1.26%	-10.30%
SIL	Global X Silver Miners	Commodity Producers	3	14.18%	14.81%	8.09%	-26.04%	-7.24%	-49.37%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	13.44%	9.79%	0.99%	-13.59%	-1.36%	-18.74%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	3	11.87%	9.78%	-1.60%	-6.71%	2.37%	-7.20%
IYF	Dow Jones US Financial Sector	Specialty-Financial	3	11.89%	9.83%	0.14%	-10.44%	1.91%	-45.87%
IVE	S&P 500/BARRA Value	Large Value	3	9.98%	8.13%	-1.43%	-6.47%	1.11%	-7.90%
IEV	S&P Europe 350 Index	Europe Stock	3	14.88%	13.37%	2.97%	-17.69%	0.25%	-19.71%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	13.04%	9.18%	2.26%	-11.05%	-0.86%	-24.76%
EWA	iShares Australia Index	Asia Pacific Equities	3	13.86%	9.41%	-0.83%	-8.66%	-1.09%	-17.17%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	3	4.97%	5.35%	0.94%	0.76%	4.71%	-4.31%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3	8.15%	7.80%	1.49%	-5.72%	2.58%	-8.31%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	3	9.14%	10.27%	3.30%	-11.04%	2.33%	-13.24%
EWP	iShares Spain Index	Europe Stock	3	12.95%	8.78%	2.78%	-11.34%	-0.66%	-35.73%
EWU	iShares United Kingdom Index	Europe Stock	3	12.47%	8.58%	-1.05%	-9.11%	-1.68%	-20.49%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	3	7.93%	5.73%	-2.50%	2.49%	1.26%	-6.58%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	3	9.88%	9.31%	-1.97%	-6.43%	1.17%	-8.45%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	3	10.74%	9.13%	-1.72%	-5.63%	2.52%	-9.01%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3	7.43%	7.78%	1.54%	-5.63%	2.14%	-6.91%
XLB	Materials Select Sector *	Materials	3	13.68%	13.74%	-1.46%	-12.31%	0.19%	-12.31%
VGK	Vanguard European	Europe Equities	3	15.34%	13.34%	2.29%	-19.55%	-0.67%	-22.24%
VAW	Vanguard Materials VIPERS	Materials	3	13.08%	13.05%	-2.37%	-11.78%	-0.13%	-12.94%
VBR	Vanguard SmallCap Value	Small Cap Value	2	9.87%	8.68%	-3.19%	-8.40%	0.94%	-11.79%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	2	10.69%	8.40%	-2.54%	-6.99%	1.66%	-40.51%
EWD	iShares Sweden Index	Europe Stock	2	17.08%	17.00%	2.69%	-29.87%	-2.59%	-34.22%
IWD	Russell 1000 Value	Large Value	2	9.67%	7.45%	-2.62%	-8.45%	0.09%	-9.84%

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IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	14.12%	10.43%	0.51%	-18.15%	-1.05%	-21.88%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	13.92%	10.18%	0.25%	-16.18%	-0.74%	-20.23%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	14.15%	10.90%	0.96%	-17.36%	-0.68%	-20.83%
FXO	1st Trust Financials AlphaDEX	Financial Equities	2	11.81%	8.29%	-1.58%	-8.58%	1.05%	-12.96%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	2	15.58%	11.95%	3.09%	-23.25%	-13.07%	-43.90%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	7.50%	4.22%	-3.53%	-0.53%	0.81%	-6.55%
IAU	iShares Gold Trust	Precious Metals	2	8.19%	5.29%	0.09%	-4.02%	-2.48%	-15.25%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	2	9.22%	4.73%	-2.78%	-4.27%	0.85%	-8.15%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	2	9.45%	8.63%	-2.40%	-7.82%	0.42%	-9.81%
ECH	iShares Chile Index	Latin America	2	7.86%	-0.55%	-8.93%	10.00%	-4.28%	-54.78%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	2	13.79%	7.55%	-1.43%	-10.53%	-1.73%	-20.83%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	2	8.08%	3.52%	-2.86%	-0.65%	0.68%	-6.81%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	2	8.10%	8.17%	0.90%	-8.22%	0.85%	-32.63%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	2	9.95%	5.28%	-4.63%	-3.11%	-2.08%	-10.91%
XLP	Consumer Staples Select *	Consumer Staples	2	8.87%	4.69%	-3.21%	-4.18%	0.44%	-8.29%
IJS	S&P SmallCap 600/BARRA Value	Small Value	2	10.26%	9.96%	-3.58%	-8.70%	0.69%	-44.94%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	2	12.57%	9.77%	-1.11%	-15.16%	0.68%	-19.53%
SH	Short S&P 500 ProShares ETF	Inverse Equities	2	-7.48%	-5.52%	5.20%	14.46%	0.29%	-62.57%
IYH	Dow Jones US Healthcare	Specialty-Health	2	7.42%	7.22%	0.85%	-7.84%	1.51%	-8.30%
GLD	SPDR Gold Shares	Precious Metals	2	8.23%	5.28%	0.10%	-4.12%	-2.52%	-15.46%
IYJ	Dow Jones US Industrial	Industrial Equities	2	12.60%	11.69%	-2.56%	-13.54%	2.11%	-49.48%
VFH	Vanguard Financials	Financials Equities	2	11.50%	9.56%	0.00%	-11.38%	1.55%	-15.89%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	2	10.49%	8.92%	-1.71%	-8.80%	0.96%	-9.99%
DVY	iShares Select Dividend Index	Large Cap Value	2	10.22%	4.51%	-4.10%	-1.35%	-0.54%	-8.48%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	2	10.90%	7.64%	-2.15%	-9.21%	1.16%	-9.99%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	2	8.45%	6.84%	-3.11%	-4.53%	1.34%	-58.26%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	2	8.32%	4.83%	-2.80%	-1.14%	-0.45%	-7.38%
EWK	iShares Belgium Index	Europe Stock	2	14.68%	10.14%	2.29%	-20.65%	-3.63%	-26.97%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	1	9.59%	6.57%	-2.20%	-8.16%	1.25%	-8.28%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	1	5.32%	2.51%	1.22%	-4.97%	2.66%	-16.24%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1	14.85%	12.36%	-0.50%	-23.58%	-0.51%	-26.03%
IJH	S&P MidCap 400	Mid-Cap Blend	1	10.26%	8.70%	-3.36%	-12.10%	1.15%	-14.35%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	1	9.81%	8.37%	-2.76%	-9.77%	0.13%	-65.29%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	10.44%	8.33%	-2.13%	-11.14%	1.25%	-11.38%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	1	10.26%	8.15%	-2.62%	-11.12%	0.80%	-11.78%
FXE	CurrencyShares Euro Currency Trust	Currency	1	5.97%	5.32%	3.85%	-9.53%	-0.61%	-20.58%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	10.64%	6.55%	-4.16%	-8.76%	-0.81%	-10.45%
RSP	Guggenheim S&P Equal Weight	Large Blend	1	10.44%	8.10%	-3.67%	-11.85%	-0.46%	-12.63%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	10.67%	9.00%	-3.23%	-13.52%	-1.51%	-17.62%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	7.08%	6.62%	-0.27%	-8.80%	1.09%	-9.17%
HDGE	Ranger Equity Bear	Inverse Equities	1	-7.49%	-6.38%	5.36%	13.14%	-0.45%	-75.16%
RWM	ProShares Short Russell2000	Inverse Equities	1	-7.80%	-7.48%	5.12%	13.22%	-1.87%	-62.56%
MDY	MidCap Trust Series I	Mid-Cap Blend	1	10.22%	9.28%	-3.25%	-12.05%	1.23%	-14.26%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	1	8.75%	3.39%	-1.72%	-7.13%	-1.31%	-30.49%

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VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	1	13.76%	10.01%	-0.43%	-17.59%	-1.56%	-21.24%
EWC	iShares Canada Index	Foreign Large Cap Equ	1	10.84%	6.70%	-3.55%	-10.10%	-2.78%	-15.03%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	0	8.06%	7.47%	-1.54%	-13.25%	-0.18%	-14.53%
IXUS	iShares Core MSCI Total International Stock	Global Equities	0	12.46%	8.01%	-1.67%	-18.47%	-2.49%	-23.42%
UUP	PowerShares DB US Dollar Bullish	Currency	0	-5.40%	-3.75%	-1.00%	12.10%	2.11%	-6.33%
IJR	S&P Sm.Cap 600	Small Blend	0	10.03%	9.16%	-4.56%	-13.43%	0.12%	-17.61%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	0	9.99%	8.85%	-2.65%	-15.17%	-0.14%	-15.97%
ACWX	iShares MSCI ACWI ex US	Global Equities	0	12.68%	8.46%	-1.26%	-18.15%	-2.33%	-23.05%
IWS	Russell MidCap Value	Mid-Cap Value	0	10.24%	6.55%	-4.75%	-12.09%	-1.61%	-12.95%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	0	12.04%	10.00%	-2.63%	-20.04%	-0.11%	-24.34%
MOO	VanEck Vectors Agribusiness	Commodity Producers	0	6.82%	4.03%	-6.50%	-6.06%	-3.60%	-17.25%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	0	8.08%	4.77%	-3.66%	-10.73%	-0.30%	-10.88%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	0	12.47%	6.46%	-2.98%	-17.23%	-2.73%	-24.62%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	14.04%	5.40%	-4.49%	-16.10%	-6.80%	-27.09%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	0	12.19%	7.85%	-2.16%	-17.98%	-2.69%	-23.01%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.12%	-0.30%	-0.04%	-0.85%	-0.04%	-1.55%
EWL	iShares Switzerland Index	Europe Stock	0	11.20%	9.06%	-1.18%	-20.54%	-3.08%	-20.97%
INDA	iShares MSCI India	Emerging Markets Equi	0	4.38%	1.06%	-0.51%	-6.33%	1.48%	-15.44%
VXUS	Vanguard Total International Stock	Global Equities	0	12.13%	7.68%	-2.37%	-18.44%	-2.97%	-23.19%
FXB	CurrencyShares British Pound	Currency	0	5.70%	5.42%	0.25%	-12.36%	-2.87%	-21.62%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.08%	-0.03%	-0.10%	-0.64%	-0.08%	-1.33%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-1	16.43%	10.08%	-3.25%	-25.93%	-5.99%	-40.05%
EWJ	iShares Japan Index	Japan Stock	-1	12.01%	6.25%	-2.76%	-18.97%	-2.18%	-26.79%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	6.74%	5.87%	-2.38%	-15.63%	-1.78%	-18.23%
IWN	Russell 2000 Value	Small Value	-1	8.93%	6.81%	-5.43%	-12.38%	-1.30%	-17.75%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	0.59%	-0.16%	-1.43%	-5.00%	-1.63%	-7.30%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-1	5.83%	3.69%	-3.32%	-9.74%	-3.28%	-10.72%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-1	9.65%	8.89%	-4.44%	-17.12%	0.52%	-72.51%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-1	9.77%	6.70%	-5.21%	-16.77%	-1.67%	-69.17%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-1	9.26%	7.04%	-5.50%	-16.28%	-1.65%	-19.25%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-1	15.22%	9.87%	-2.13%	-27.97%	-7.15%	-32.16%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-1	13.14%	7.90%	-3.56%	-22.60%	-4.47%	-28.13%
SMH	VanEch Vectors Semiconductor	Technology Equities	-1	21.64%	12.28%	-7.07%	-29.04%	-3.10%	-30.78%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	0.92%	1.41%	-0.90%	-5.43%	-0.84%	-10.76%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-1	7.57%	7.82%	0.55%	-18.34%	1.65%	-23.37%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-1	7.31%	3.71%	-3.13%	-12.03%	-1.97%	-12.03%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-1	3.85%	1.56%	-0.80%	-7.25%	1.31%	-53.00%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-1	13.34%	7.73%	-2.32%	-24.09%	-4.29%	-29.84%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-1	7.64%	1.67%	-5.35%	-9.25%	-1.76%	-10.29%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-2	2.26%	0.87%	-2.71%	-10.09%	-2.45%	-13.26%
MUB	iShares S&P National Muni Bond	National Munis	-2	2.30%	1.11%	-1.53%	-9.88%	-1.83%	-11.15%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-2	8.25%	7.17%	-4.06%	-20.74%	0.70%	-25.78%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-2	11.74%	5.73%	-4.12%	-22.42%	-4.74%	-26.82%
ACWI	iShares MSCI ACWI	Global Equities	-2	9.63%	6.44%	-4.23%	-17.97%	-2.47%	-19.08%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-2	2.22%	1.15%	-2.37%	-9.33%	-2.12%	-11.84%
BSV	Vanguard Short Term Bond	Total Bond Market	-2	1.50%	0.11%	-1.87%	-6.99%	-2.01%	-9.75%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-2	-0.60%	-3.78%	-3.02%	0.66%	-5.31%	-13.41%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-2	3.44%	2.27%	-2.28%	-11.84%	-2.12%	-12.96%
SPY	SPDR S&P 500	Large Cap Blend	-2	7.89%	5.35%	-6.02%	-17.00%	-2.48%	-17.47%
BNDX	Vanguard Total International Bond	Total Bond Market	-2	3.62%	0.79%	-2.46%	-11.75%	-2.98%	-17.80%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-2	1.72%	-0.04%	-2.01%	-7.55%	-2.01%	-9.46%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-2	0.53%	-0.20%	-1.53%	-5.12%	-1.75%	-6.50%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-2	10.29%	7.42%	-5.42%	-19.65%	-2.23%	-20.05%
VT	Vanguard Total World Stock Index	Global Equities	-2	9.55%	6.33%	-4.70%	-18.12%	-2.74%	-19.47%
VB	Vanguard SmallCap	Small Cap Blend	-2	8.73%	6.79%	-5.62%	-15.99%	-1.25%	-20.68%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-2	9.85%	6.14%	-6.09%	-18.18%	-2.28%	-20.20%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-2	0.58%	-0.17%	-1.53%	-5.13%	-1.72%	-6.75%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-2	11.76%	3.94%	-5.95%	-17.85%	-7.91%	-25.57%
IYT	Dow Jones Transportation	Transportation Equities	-2	11.91%	8.07%	-8.37%	-19.23%	-3.35%	-20.23%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-2	2.32%	0.19%	-2.02%	-7.64%	-1.89%	-9.85%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-2	7.76%	-4.40%	-9.53%	-0.98%	-2.16%	-10.33%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-2	9.57%	8.28%	-5.75%	-18.46%	-0.62%	-45.87%
EWH	iShares Hong Kong Index	China Equities	-2	11.07%	1.33%	-5.45%	-14.75%	-5.61%	-29.64%
ILF	iShares S&P 40 Latin America	Latin America Stock	-2	-4.24%	-3.41%	-4.28%	4.94%	-4.39%	-37.67%
KBE	SPDR S&P Bank	Specialty-Financial	-2	5.94%	3.17%	-4.82%	-12.41%	-1.60%	-20.89%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-2	8.03%	5.51%	-5.61%	-17.53%	-2.16%	-17.95%
ITB	iShares DJ US Home Construction	Building and Constructi	-2	15.01%	9.95%	-3.31%	-29.61%	0.23%	-29.71%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-2	4.84%	2.11%	-4.82%	-11.71%	-2.04%	-20.60%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-2	2.36%	0.24%	-2.77%	-9.80%	-2.86%	-13.31%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-2	2.41%	1.45%	-1.98%	-9.18%	-1.98%	-14.35%
XRT	SPDR S&P Retail *	Consumer Discretionar	-3	12.01%	8.90%	-5.27%	-28.75%	-3.62%	-38.24%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-3	2.70%	0.02%	-3.72%	-11.97%	-3.89%	-16.18%
FXV	CurrencyShares Japanese Yen Trust	Currency	-3	7.04%	1.36%	-2.85%	-18.32%	-5.74%	-31.16%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-3	7.91%	4.93%	-6.05%	-16.99%	-2.53%	-17.50%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-3	2.68%	0.10%	-3.57%	-11.73%	-3.74%	-17.19%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-3	11.39%	7.63%	-6.23%	-24.22%	-1.34%	-27.69%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-3	3.69%	1.66%	-6.58%	-9.88%	-2.35%	-25.75%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-3	8.93%	2.50%	-6.18%	-18.47%	-4.98%	-30.26%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-3	7.80%	4.81%	-6.41%	-18.19%	-2.83%	-18.68%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-3	13.46%	9.27%	-5.87%	-29.37%	-1.02%	-29.77%
IWV	Russell 3000 Index	All Cap Equities	-3	7.77%	4.90%	-6.28%	-17.87%	-2.68%	-18.34%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-3	16.18%	4.93%	-6.89%	-27.13%	-8.07%	-28.38%
VTI	Total Stock Market VIPERs	All Cap Equities	-3	7.76%	4.89%	-6.29%	-18.20%	-2.76%	-18.72%
IWM	Russell 2000	Small Blend	-3	7.99%	6.51%	-6.58%	-17.94%	-1.37%	-24.74%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-3	10.10%	3.69%	-5.81%	-21.70%	-5.66%	-34.01%
IWB	Russell 1000 Index	Large Blend	-3	7.70%	4.74%	-6.33%	-17.91%	-2.80%	-18.43%
JXI	iShares S&P Global Utilities	Utilities Equities	-3	10.40%	-3.97%	-9.84%	-9.80%	-5.01%	-13.53%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-3	9.43%	4.77%	-5.62%	-20.31%	-5.29%	-28.63%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-3	12.63%	3.76%	-6.10%	-22.16%	-5.65%	-36.94%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-3	-12.60%	-10.29%	-1.55%	14.29%	-1.93%	-43.07%
VV	Vanguard LargeCap	Large Cap Blend	-3	7.67%	4.52%	-6.32%	-18.61%	-2.92%	-18.88%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	-3	19.99%	9.93%	-9.08%	-31.43%	-5.35%	-33.07%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-3	2.44%	0.19%	-3.07%	-10.57%	-3.28%	-14.19%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-3	8.19%	2.80%	-2.90%	-21.97%	-6.15%	-29.86%
EWM	iShares Malaysia Index	Emerging Markets Equi	-3	4.66%	1.94%	-3.96%	-13.86%	-6.32%	-40.88%
IVV	S&P 500	Large Blend	-3	7.89%	4.82%	-6.12%	-17.00%	-2.53%	-17.49%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-4	8.37%	2.21%	-7.28%	-20.64%	-6.32%	-30.52%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-4	2.39%	-1.02%	-4.09%	-14.08%	-3.73%	-15.87%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-4	8.55%	-7.34%	-11.88%	-5.85%	-4.91%	-13.08%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-4	3.79%	-0.28%	-4.65%	-15.16%	-4.76%	-19.66%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-4	9.65%	3.34%	-5.87%	-21.45%	-5.73%	-32.31%
DOG	ProShares Short Dow 30	Bear Market	-4	-9.73%	-10.70%	-1.38%	4.04%	-4.96%	-63.16%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-4	0.32%	-2.30%	-5.01%	-7.39%	-4.69%	-9.85%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-4	3.03%	0.92%	-4.54%	-16.39%	-4.67%	-72.05%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-4	5.34%	0.83%	-4.52%	-16.35%	-4.26%	-20.15%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-4	7.19%	4.97%	-5.13%	-23.02%	-5.23%	-86.35%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-4	0.74%	-0.17%	-6.18%	-9.55%	-2.62%	-11.26%
XLU	Utilities Select Sector *	Utilities Equities	-4	8.46%	-7.13%	-12.32%	-5.81%	-5.28%	-13.70%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-4	8.40%	4.40%	-7.47%	-20.48%	-7.53%	-37.71%
PZA	Pshares Insured National Munis	National Munis	-4	2.61%	1.56%	-3.02%	-15.90%	-3.78%	-17.15%
IDU	Dow Jones US Utilities	Utilities Equities	-4	7.91%	-7.27%	-11.86%	-5.77%	-4.52%	-52.94%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-4	3.16%	1.38%	-3.91%	-14.87%	-3.81%	-16.75%
IWP	Russell MidCap Growth	Mid-Cap Growth	-4	8.93%	6.90%	-5.99%	-25.33%	-1.82%	-30.22%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-4	3.59%	-0.46%	-4.61%	-15.20%	-4.80%	-19.68%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	13.20%	3.60%	-7.31%	-25.56%	-9.98%	-38.53%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-4	4.10%	0.40%	-4.46%	-14.88%	-4.38%	-20.97%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-4	2.52%	-0.78%	-4.17%	-14.69%	-4.71%	-19.58%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-4	3.75%	-0.37%	-4.58%	-14.85%	-4.70%	-18.80%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-5	7.75%	0.75%	-4.81%	-22.47%	-5.09%	-27.69%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-5	3.58%	-1.26%	-5.46%	-17.49%	-5.92%	-20.24%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-5	8.43%	0.81%	-4.91%	-23.35%	-5.25%	-29.14%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-5	6.69%	-2.30%	-6.67%	-18.61%	-8.70%	-29.87%
XLK	Technology Select *	Technology Equities	-5	8.95%	5.23%	-9.70%	-24.12%	-4.36%	-25.31%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	-5	7.40%	5.14%	-7.93%	-24.22%	-4.21%	-30.71%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-5	3.36%	1.48%	-5.96%	-20.68%	-4.43%	-28.63%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-5	6.67%	0.68%	-5.33%	-20.15%	-5.27%	-23.95%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-5	1.86%	-1.91%	-5.93%	-15.53%	-6.02%	-20.58%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-5	5.09%	-0.07%	-5.40%	-19.93%	-4.41%	-22.84%
PEZ	PowerShares Consumer Cyclical's	All Cap Equities	-5	6.82%	6.60%	-5.36%	-28.54%	-3.60%	-36.17%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-5	12.06%	2.11%	-4.12%	-30.17%	-6.25%	-40.55%
MCHI	iShares MSCI China	China Equities	-5	14.59%	2.05%	-10.79%	-27.82%	-8.74%	-53.38%
IWO	Russell 2000 Growth	Small Growth	-5	6.98%	6.11%	-7.67%	-23.59%	-1.45%	-33.48%

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IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-5	12.41%	1.87%	-8.23%	-27.23%	-11.32%	-34.59%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-5	3.81%	-0.24%	-5.50%	-16.11%	-5.55%	-21.61%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-5	9.00%	5.63%	-8.11%	-27.14%	-3.96%	-30.20%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-5	10.55%	1.78%	-7.34%	-23.67%	-9.31%	-36.78%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-5	3.05%	-2.25%	-5.27%	-16.78%	-5.27%	-18.51%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-6	7.06%	4.00%	-9.02%	-26.15%	-4.42%	-31.95%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-6	5.63%	-1.01%	-6.86%	-21.20%	-5.81%	-23.59%
EWZ	iShares Brazil Index	Latin America Stock	-6	-10.29%	-8.45%	-8.48%	5.02%	-7.87%	-39.10%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-6	1.40%	-1.36%	-7.97%	-17.55%	-8.19%	-18.59%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-6	4.81%	-1.44%	-7.20%	-19.91%	-5.99%	-21.60%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	-6	1.08%	-2.06%	-7.92%	-16.95%	-8.12%	-18.25%
VGT	Vanguard Info Technology	Technolgy Equities	-6	8.35%	4.42%	-10.26%	-26.18%	-5.24%	-27.43%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-7	9.57%	1.74%	-11.25%	-26.71%	-11.14%	-26.74%
BAB	PowerShares Build America Bond Portfolio	National Munis	-7	3.11%	-2.15%	-7.40%	-22.60%	-7.92%	-26.36%
FXI	iShares China 25 Index	China Equities	-7	13.29%	-0.15%	-13.02%	-26.38%	-10.42%	-50.56%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-7	4.98%	3.14%	-9.88%	-28.06%	-1.04%	-53.71%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-7	9.06%	-0.16%	-7.86%	-28.14%	-8.20%	-32.67%
IWF	Russell 1000 Growth	Large Growth	-7	5.74%	2.09%	-9.89%	-26.30%	-5.67%	-27.24%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-7	5.83%	1.78%	-10.51%	-25.89%	-5.98%	-26.85%
BLV	Vanguard Long Term Bond	Long-Term Bond	-8	7.50%	-1.90%	-8.98%	-29.28%	-10.04%	-38.07%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-8	5.83%	1.69%	-11.16%	-28.41%	-7.14%	-29.50%
IYR	Dow Jones US Real Estate	Real Estate	-8	9.19%	-1.62%	-13.90%	-26.36%	-10.82%	-26.36%
SPYG	S&P 500 Growth	Large Cap Growth	-8	5.54%	1.58%	-10.85%	-26.41%	-6.38%	-27.42%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-8	5.49%	1.30%	-10.92%	-26.43%	-6.41%	-27.44%
IYC	iShares US Consumer Services	Consumer Discretionar	-8	4.19%	0.18%	-9.54%	-27.43%	-5.95%	-77.99%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-8	5.27%	-2.11%	-8.69%	-26.81%	-10.14%	-36.98%
VNQ	Vanguard REIT Index	Real Estate	-8	8.89%	-1.23%	-13.93%	-27.22%	-11.52%	-27.22%
RWR	Wilshire REIT Fund	Real Estate	-8	8.23%	0.88%	-12.86%	-26.97%	-11.65%	-26.97%
IVW	S&P 500/BARRA Growth	Large Growth	-8	5.50%	1.32%	-10.91%	-26.45%	-6.42%	-27.44%
IYZ	Down Jones US Telecom	Commun. Equities	-8	6.90%	2.75%	-12.62%	-30.78%	-12.15%	-37.66%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-9	4.52%	0.17%	-12.26%	-29.57%	-7.95%	-30.52%
VUG	Vanguard Growth	Large Cap Growth	-9	5.18%	0.80%	-11.77%	-29.50%	-7.53%	-30.53%
IYW	Dow Jones US Technology	Technology Equities	-9	6.20%	2.42%	-12.67%	-31.10%	-8.79%	-32.44%
ICF	Cohen & Steers Realty	Real Estate	-9	8.62%	-2.27%	-14.78%	-26.96%	-11.72%	-55.89%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-10	3.21%	-1.83%	-11.22%	-30.16%	-11.81%	-41.16%
IGV	iShares North American Tech-Software	Technology Equities	-10	3.38%	2.69%	-11.90%	-33.85%	-9.54%	-41.09%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-10	4.59%	-4.54%	-11.07%	-28.08%	-12.97%	-31.74%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-11	2.89%	-3.60%	-13.51%	-30.25%	-9.14%	-33.19%
TLT	iShares 20+ Treas. Bd	Government Bonds	-11	5.74%	-4.69%	-11.03%	-32.30%	-13.15%	-41.52%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-12	8.61%	7.53%	-5.94%	-58.87%	-8.89%	-61.76%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-13	7.70%	5.17%	-6.34%	-59.08%	-10.38%	-59.35%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-13	8.04%	-7.22%	-14.16%	-40.31%	-17.43%	-53.15%
VOX	Vanguard Telecom Serv's	Communication Equitie	-13	0.36%	-0.87%	-13.24%	-36.68%	-14.12%	-43.02%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-13	7.86%	5.40%	-6.30%	-59.06%	-10.20%	-59.31%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	-13	1.76%	-6.05%	-15.18%	-31.13%	-10.67%	-33.40%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-13	2.44%	-7.11%	-18.50%	-28.76%	-16.07%	-29.44%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-15	17.43%	-3.72%	-27.11%	-48.52%	-23.38%	-48.52%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-15	7.96%	-8.52%	-15.70%	-41.94%	-19.04%	-53.46%
SCHH	Schwab U.S. REIT	Real Estate	-17	8.88%	-0.30%	-13.53%	-62.76%	-17.73%	-62.76%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-18	4.46%	0.86%	-11.71%	-64.09%	-14.68%	-64.75%
RSX	Market Vectors Russia	Emerging Markets Equi	-20	0.00%	0.00%	0.00%	-78.81%	-11.03%	-83.05%