

HV ETF Master List as of 08/04/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	39	33.25%	-7.24%	6.38%	125.54%	42.48%	-68.10%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	12	6.29%	26.26%	36.67%	-20.77%	-2.50%	-49.01%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	6	3.58%	12.21%	15.38%	-8.45%	1.22%	-19.78%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	5	3.47%	14.21%	18.94%	-14.70%	-0.40%	-61.81%
VPU	Vanguard Utilities VIPERS	Utilities Equities	5	6.39%	3.32%	5.59%	3.59%	5.70%	-2.95%
IDU	Dow Jones US Utilities	Utilities Equities	5	6.76%	4.59%	6.17%	3.39%	5.92%	-48.36%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	7.19%	2.05%	4.56%	5.29%	6.01%	-2.35%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	5	14.03%	10.31%	13.71%	-18.87%	-5.14%	-22.28%
FXN	1st Trust Energy AlphaDEX	Energy Equities	5	4.40%	-15.08%	0.65%	29.45%	6.13%	-17.66%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	5	14.22%	11.09%	14.06%	-18.24%	-4.56%	-20.93%
XLU	Utilities Select Sector *	Utilities Equities	5	6.35%	3.63%	5.54%	4.08%	5.88%	-3.20%
SMH	VanEch Vectors Semiconductor	Technology Equities	4	18.20%	5.54%	11.15%	-20.56%	-5.46%	-22.51%
VGT	Vanguard Info Technology	Technolgy Equities	4	10.86%	8.08%	12.40%	-17.17%	-3.81%	-18.58%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	4	-9.89%	-10.06%	-5.88%	41.27%	11.46%	-44.07%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	4	5.19%	8.78%	8.44%	-4.41%	2.22%	-6.22%
BBH	VanEck Vectors Biotech	Health & Biotech	4	3.09%	13.16%	16.23%	-14.69%	-0.95%	-26.83%
PIN	PowerShares India Portfolio	Emerging Markets Equi	4	7.55%	6.14%	7.64%	-6.28%	-1.85%	-52.51%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	4	5.20%	1.91%	7.54%	1.58%	0.81%	-56.46%
XLK	Technology Select *	Technology Equities	4	10.96%	8.10%	12.08%	-15.24%	-2.47%	-16.58%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	4	8.47%	3.29%	-4.92%	8.18%	-0.02%	-57.34%
UUP	PowerShares DB US Dollar Bullish	Currency	3	-1.15%	2.35%	0.75%	10.26%	5.96%	-2.65%
SPYG	S&P 500 Growth	Large Cap Growth	3	9.37%	8.05%	11.41%	-17.25%	-4.34%	-18.39%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	3	9.97%	8.35%	11.42%	-18.46%	-5.05%	-19.70%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	3	7.28%	5.18%	9.92%	-10.60%	-0.98%	-13.32%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	3	7.19%	5.71%	10.35%	-10.52%	-0.71%	-13.77%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	3	10.32%	9.03%	12.90%	-18.94%	-5.02%	-20.03%
IYC	iShares US Consumer Services	Consumer Discretionar	3	11.77%	8.46%	10.59%	-20.18%	-6.71%	-75.80%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	3	9.40%	8.02%	11.35%	-17.09%	-4.26%	-18.16%
IYE	Dow Jones US Energy	Specialty-Natural Res.	3	3.04%	-17.59%	-4.93%	29.53%	3.83%	-20.15%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	3	5.92%	4.42%	5.87%	-6.19%	-2.95%	-17.32%
INDA	iShares MSCI India	Emerging Markets Equi	3	6.82%	5.70%	6.51%	-6.09%	-2.27%	-15.22%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	3	7.89%	5.37%	7.95%	-9.26%	-4.67%	-31.15%
ECH	iShares Chile Index	Latin America	3	6.94%	-8.45%	2.82%	12.13%	-1.13%	-53.91%
IVW	S&P 500/BARRA Growth	Large Growth	3	9.28%	8.19%	11.43%	-17.26%	-4.33%	-18.37%
VUG	Vanguard Growth	Large Cap Growth	3	9.96%	8.58%	12.66%	-19.54%	-5.47%	-20.71%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	3	9.35%	8.06%	11.48%	-17.23%	-4.31%	-18.37%
IWM	Russell 2000	Small Blend	2	7.92%	3.24%	9.80%	-14.81%	-4.77%	-21.87%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	2	-4.85%	-4.85%	-2.54%	20.14%	6.67%	-21.43%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	2	9.77%	5.29%	12.20%	-19.54%	-5.17%	-23.23%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	6.54%	4.25%	7.71%	-10.35%	-1.53%	-12.24%
XJI	iShares S&P Global Utilities	Utilities Equities	2	5.99%	2.09%	2.83%	-1.85%	1.46%	-5.91%

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VBK	Vanguard SmallCap Growth	Small Cap Growth	2	8.31%	6.20%	12.94%	-20.08%	-6.36%	-26.35%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	2	18.39%	4.67%	8.97%	-22.10%	-6.62%	-23.96%
IWO	Russell 2000 Growth	Small Growth	2	8.45%	6.91%	14.04%	-20.12%	-6.39%	-30.46%
IWF	Russell 1000 Growth	Large Growth	2	8.88%	7.60%	10.93%	-18.34%	-5.23%	-19.38%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	2	8.73%	4.00%	9.46%	-15.06%	-3.70%	-43.61%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2	-2.06%	4.72%	10.69%	-6.20%	-1.47%	-22.71%
XLI	Industrial Select Sector *	Industrial Equities	2	8.67%	2.53%	4.39%	-9.30%	-2.41%	-10.41%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	2.59%	1.66%	-1.06%	2.86%	2.16%	-6.24%
VIS	Vanguard Industrials	industrials Equities	2	9.57%	3.19%	6.19%	-10.39%	-2.36%	-12.35%
IYJ	Dow Jones US Industrial	Industrial Equities	1	9.14%	3.07%	6.50%	-12.85%	-3.56%	-49.09%
VTI	Total Stock Market VIPERs	All Cap Equities	1	6.63%	3.15%	6.18%	-13.95%	-4.71%	-14.50%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	1	1.98%	-1.55%	5.27%	-3.16%	0.26%	-6.76%
SDY	SPDR Dividend ETF	Large Value	1	4.57%	1.36%	2.27%	-2.54%	0.61%	-4.88%
DJP	Bloomberg Commodity Index	Commodities	1	3.37%	-14.89%	-7.63%	21.92%	2.01%	-15.07%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	1	1.54%	3.45%	-1.64%	0.51%	1.77%	-5.57%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	1	-5.14%	0.59%	-3.61%	14.12%	5.31%	-43.15%
KRE	SPDR S&P Region.Banking	Specialty-Financial	1	6.46%	2.69%	5.45%	-10.67%	-6.32%	-19.66%
KBE	SPDR S&P Bank	Specialty-Financial	1	7.54%	2.50%	6.31%	-11.35%	-6.40%	-19.93%
XME	SPDR S&P Metals & Mining	Commodity Producers	1	9.37%	-9.37%	-2.87%	5.83%	-4.72%	-28.03%
IYW	Dow Jones US Technology	Technology Equities	1	8.79%	6.50%	10.02%	-20.05%	-6.25%	-21.60%
IWN	Russell 2000 Value	Small Value	1	7.26%	-0.14%	5.81%	-9.79%	-3.59%	-15.31%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	1	2.15%	2.82%	-1.77%	0.10%	1.15%	-6.10%
IJR	S&P Sm.Cap 600	Small Blend	1	7.65%	1.27%	6.22%	-11.69%	-3.78%	-15.96%
IWV	Russell 3000 Index	All Cap Equities	1	6.68%	3.53%	6.23%	-13.56%	-4.40%	-14.06%
IWP	Russell MidCap Growth	Mid-Cap Growth	1	8.47%	6.58%	12.31%	-21.60%	-7.13%	-26.73%
IVV	S&P 500	Large Blend	1	6.50%	3.58%	5.74%	-12.70%	-3.89%	-13.22%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	1	3.15%	-22.82%	-6.67%	28.71%	2.34%	-25.22%
IWB	Russell 1000 Index	Large Blend	1	6.53%	3.56%	6.04%	-13.50%	-4.37%	-14.05%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	1	6.51%	3.16%	5.58%	-12.78%	-4.02%	-13.31%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	1	6.05%	-0.19%	4.17%	-7.31%	-2.83%	-10.62%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	1	6.62%	3.45%	6.17%	-13.84%	-4.62%	-14.36%
IGV	iShares North American Tech-Software	Technology Equities	1	6.39%	5.64%	14.60%	-23.16%	-8.87%	-31.57%
IYT	Dow Jones Transportation	Transportation Equities	1	9.49%	6.13%	3.97%	-13.96%	-4.62%	-15.03%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1	3.20%	3.92%	4.03%	-8.67%	-1.48%	-8.82%
SPY	SPDR S&P 500	Large Cap Blend	1	6.50%	3.20%	5.59%	-12.78%	-3.96%	-13.28%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	1	8.46%	5.49%	11.31%	-21.74%	-7.24%	-25.03%
VDE	Vanguard Energy VIPERS	Energy Equities	1	2.26%	-20.06%	-6.61%	29.70%	2.63%	-21.96%
VB	Vanguard SmallCap	Small Cap Blend	1	7.19%	1.65%	7.19%	-13.60%	-4.84%	-18.42%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	1.37%	4.51%	5.59%	-8.22%	-0.90%	-8.60%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	0	8.25%	2.57%	7.12%	-16.15%	-5.06%	-72.18%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	0	1.11%	-3.81%	2.80%	1.69%	0.66%	-4.68%
BNDX	Vanguard Total International Bond	Total Bond Market	0	3.49%	3.80%	0.69%	-6.91%	-2.99%	-13.29%
VV	Vanguard LargeCap	Large Cap Blend	0	6.58%	3.39%	5.98%	-14.13%	-4.61%	-14.41%
XLE	Energy Select Sector *	Energy Equities	0	0.96%	-20.59%	-8.26%	29.12%	1.86%	-22.35%

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IJS	S&P SmallCap 600/BARRA Value	Small Value	0	6.59%	-1.12%	3.56%	-8.51%	-3.77%	-44.82%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	0	6.03%	-0.16%	3.55%	-7.99%	-3.07%	-41.14%
IJH	S&P MidCap 400	Mid-Cap Blend	0	7.06%	1.14%	5.16%	-12.17%	-4.09%	-14.42%
IYH	Dow Jones US Healthcare	Specialty-Health	0	0.70%	3.82%	4.47%	-7.96%	-1.02%	-8.42%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	0	4.46%	2.16%	2.39%	-8.94%	-2.67%	-9.72%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	6.21%	1.61%	2.58%	-9.89%	-3.54%	-11.76%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	0	2.32%	4.50%	5.64%	-12.09%	-2.48%	-14.80%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	3.67%	0.19%	1.78%	-4.07%	-1.60%	-9.48%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	0	1.86%	-1.87%	4.98%	-3.23%	-0.19%	-8.10%
MDY	MidCap Trust Series I	Mid-Cap Blend	0	7.02%	0.78%	5.12%	-12.21%	-4.10%	-14.42%
XLP	Consumer Staples Select *	Consumer Staples	0	2.44%	3.57%	-1.32%	-2.98%	0.18%	-7.15%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	0	5.23%	2.71%	3.58%	-10.53%	-2.71%	-10.77%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0	0.90%	3.12%	3.36%	-6.65%	-0.60%	-7.92%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	6.41%	2.08%	2.43%	-9.03%	-3.11%	-10.92%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	0	2.48%	3.59%	-1.28%	-3.72%	-0.22%	-7.61%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	0	6.11%	3.12%	5.29%	-13.78%	-4.36%	-14.21%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	0	4.30%	1.38%	3.09%	-9.87%	-3.31%	-10.98%
IXC	S&P Global Energy	Energy Equities	0	1.96%	-17.49%	-7.11%	22.61%	0.68%	-20.82%
VO	Vanguard Mid-Cap	Mid-Cap Blend	0	6.54%	1.72%	5.28%	-15.03%	-5.43%	-17.12%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	0	6.59%	1.34%	5.03%	-14.22%	-5.16%	-68.22%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	0	7.40%	2.66%	8.83%	-19.64%	-8.13%	-26.52%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.52%	-0.24%	-0.57%	-1.10%	-0.64%	-1.80%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	3.90%	2.12%	2.12%	-8.19%	-2.64%	-9.35%
VBR	Vanguard SmallCap Value	Small Cap Value	0	6.43%	-1.34%	3.49%	-9.05%	-3.97%	-12.42%
EWZ	iShares Brazil Index	Latin America Stock	0	7.36%	-6.86%	-5.69%	4.45%	-6.48%	-39.43%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	0	4.99%	-1.93%	1.56%	-6.13%	-2.75%	-58.96%
MUB	iShares S&P National Muni Bond	National Munis	0	1.63%	1.54%	3.10%	-6.61%	-2.17%	-7.93%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	0	-2.27%	3.97%	4.43%	-6.75%	-2.15%	-9.44%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	3.30%	0.78%	1.06%	-6.62%	-2.56%	-9.20%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	3.66%	0.76%	0.68%	-7.07%	-2.97%	-10.34%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	3.47%	0.74%	0.93%	-6.56%	-2.67%	-11.87%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	4.81%	1.94%	2.23%	-9.86%	-3.68%	-11.85%
ICF	Cohen & Steers Realty	Real Estate	0	5.02%	4.39%	4.63%	-15.00%	-4.61%	-48.66%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	2.93%	3.31%	1.89%	-8.61%	-2.98%	-14.59%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.10%	-0.17%	-0.18%	-0.64%	-0.33%	-1.33%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	0	3.81%	-1.03%	2.18%	-6.95%	-2.32%	-8.51%
RSP	Guggenheim S&P Equal Weight	Large Blend	0	5.94%	0.74%	3.15%	-10.46%	-3.78%	-11.25%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	0	3.07%	2.49%	0.27%	-6.48%	-0.84%	-7.55%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	0	5.49%	-0.56%	2.71%	-8.83%	-3.56%	-64.93%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	0	5.10%	-0.36%	1.80%	-8.19%	-2.56%	-9.68%
EWU	iShares United Kingdom Index	Europe Stock	-1	4.09%	-2.53%	0.82%	-7.03%	-5.15%	-18.66%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-1	0.50%	2.40%	2.88%	-8.22%	-2.07%	-32.63%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	1.03%	0.72%	0.31%	-4.97%	-1.94%	-7.24%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-1	2.86%	0.54%	1.94%	-8.38%	-1.89%	-8.51%

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VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	3.07%	2.20%	1.46%	-10.88%	-4.53%	-14.92%
GSG	iShares GSCI Commodity Index	Commodities.	-1	-3.75%	-17.96%	-9.14%	26.01%	1.66%	-18.15%
EWN	iShares Netherlands Index	Europe Stock	-1	10.74%	1.78%	6.69%	-23.84%	-10.34%	-28.88%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-1	6.08%	0.90%	5.12%	-16.35%	-8.89%	-20.66%
IWS	Russell MidCap Value	Mid-Cap Value	-1	5.50%	-1.20%	1.64%	-10.35%	-4.40%	-11.23%
GLD	SPDR Gold Shares	Precious Metals	-1	3.05%	-2.94%	-1.76%	-2.22%	-3.00%	-13.78%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	1.29%	1.05%	0.33%	-6.06%	-2.47%	-9.71%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	1.68%	1.51%	0.46%	-9.11%	-3.51%	-14.31%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-1	6.92%	-1.64%	1.29%	-12.56%	-5.22%	-15.46%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	-1	3.56%	-2.01%	1.05%	-7.76%	-3.48%	-10.29%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-1	4.28%	-1.82%	0.80%	-7.71%	-3.75%	-9.70%
IWD	Russell 1000 Value	Large Value	-1	4.20%	-0.41%	1.28%	-8.35%	-3.71%	-9.74%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-1	4.58%	4.12%	5.38%	-17.84%	-6.80%	-85.44%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	-1	5.50%	-1.56%	2.83%	-11.91%	-4.30%	-13.22%
IAU	iShares Gold Trust	Precious Metals	-1	2.96%	-2.96%	-1.76%	-2.18%	-2.99%	-13.62%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	1.67%	1.87%	0.84%	-6.63%	-2.55%	-12.41%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	1.36%	1.50%	0.55%	-6.12%	-2.30%	-9.92%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-1	9.43%	3.72%	6.37%	-25.48%	-7.36%	-25.91%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-1	1.46%	-12.50%	-7.66%	14.48%	-1.16%	-16.08%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	0.20%	-0.08%	-0.39%	-3.16%	-1.48%	-5.50%
IVE	S&P 500/BARRA Value	Large Value	-1	3.77%	-0.77%	0.48%	-7.66%	-3.53%	-9.07%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	0.80%	0.47%	0.04%	-5.02%	-2.06%	-6.98%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-1	1.03%	-3.89%	-2.93%	0.86%	-1.03%	-7.33%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	0.18%	-0.16%	-0.42%	-3.23%	-1.49%	-4.87%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-1	4.13%	-1.55%	0.75%	-8.50%	-4.26%	-10.47%
DOG	ProShares Short Dow 30	Bear Market	-1	-4.19%	-1.87%	-4.09%	7.48%	1.22%	-61.94%
PZA	Pshares Insured National Munis	National Munis	-1	2.23%	1.89%	4.30%	-10.44%	-3.85%	-11.77%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-1	5.93%	2.43%	4.41%	-15.82%	-5.45%	-16.25%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-1	4.74%	-1.89%	0.04%	-8.28%	-4.07%	-9.98%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-1	5.05%	1.26%	6.28%	-16.74%	-7.62%	-25.09%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	0.59%	0.43%	-0.05%	-4.44%	-1.89%	-7.27%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-1	6.33%	-4.40%	-1.43%	-3.89%	-4.92%	-27.66%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-1	6.61%	0.60%	4.77%	-14.21%	-5.64%	-17.26%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	1.42%	-1.65%	-0.67%	-2.55%	-1.90%	-5.13%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	1.65%	1.79%	0.67%	-6.77%	-2.54%	-11.23%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	2.34%	1.83%	0.89%	-9.20%	-3.72%	-14.02%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1	2.53%	2.43%	1.45%	-9.03%	-3.62%	-15.53%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	2.22%	1.78%	0.89%	-8.95%	-3.62%	-13.17%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	0.18%	-0.11%	-0.43%	-3.19%	-1.48%	-4.60%
ACWW	iShares Edge MSCI Min Vol Global	Global Equities	-1	1.57%	2.28%	1.16%	-10.03%	-4.19%	-10.03%
ACWI	iShares MSCI ACWI	Global Equities	-1	5.38%	1.32%	3.75%	-14.81%	-6.46%	-15.97%
VT	Vanguard Total World Stock Index	Global Equities	-1	5.48%	0.41%	4.16%	-14.74%	-6.46%	-16.15%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	2.26%	1.75%	0.85%	-9.30%	-3.87%	-14.09%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-1	4.27%	0.92%	0.67%	-7.89%	-2.29%	-8.38%

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	4.44%	4.61%	1.70%	-14.51%	-6.39%	-15.33%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-1	7.28%	3.52%	5.96%	-20.99%	-8.53%	-23.52%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-1	1.02%	-2.71%	-1.51%	-1.04%	-1.42%	-7.30%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	5.05%	1.59%	1.75%	-10.91%	-4.47%	-70.22%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	3.66%	2.66%	2.08%	-13.55%	-5.54%	-17.66%
DVY	iShares Select Dividend Index	Large Cap Value	-1	2.28%	-3.71%	-2.22%	-1.35%	-1.72%	-8.48%
IYR	Dow Jones US Real Estate	Real Estate	-1	5.14%	3.93%	4.30%	-15.39%	-5.12%	-15.39%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-2	4.04%	-1.15%	0.43%	-9.96%	-4.56%	-11.13%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-2	4.18%	-1.52%	1.95%	-10.67%	-6.31%	-14.96%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-2	5.75%	-0.24%	2.60%	-14.70%	-6.35%	-15.51%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	1.80%	0.33%	-0.56%	-9.38%	-4.63%	-14.80%
XLF	Financial Select Sector *	Financial Equities	-2	4.04%	-0.89%	1.21%	-14.34%	-9.03%	-19.24%
BLV	Vanguard Long Term Bond	Long-Term Bond	-2	4.90%	3.63%	2.11%	-18.94%	-8.74%	-29.01%
VNQ	Vanguard REIT Index	Real Estate	-2	4.85%	2.47%	2.94%	-16.33%	-6.25%	-16.33%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-2	2.89%	-1.51%	0.47%	-9.67%	-6.94%	-20.07%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-2	7.33%	0.72%	3.92%	-19.26%	-8.29%	-23.61%
EWA	iShares Australia Index	Asia Pacific Equities	-2	5.28%	-2.04%	-1.14%	-9.22%	-6.63%	-17.68%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-2	-6.19%	-4.09%	-6.72%	10.13%	1.07%	-63.99%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-2	0.93%	-2.60%	-3.98%	-1.50%	-1.68%	-9.42%
EWL	iShares Switzerland Index	Europe Stock	-2	4.73%	3.24%	0.91%	-17.73%	-8.12%	-18.18%
EWQ	iShares France Index	Europe Stock	-2	8.53%	-0.22%	2.00%	-17.49%	-8.58%	-20.69%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-2	6.43%	-1.62%	0.07%	-11.61%	-4.63%	-13.80%
BAB	PowerShares Build America Bond Portfolio	National Munis	-2	2.39%	2.73%	1.73%	-14.35%	-6.47%	-18.50%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-2	9.77%	6.17%	7.19%	-30.71%	-12.22%	-30.71%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-2	2.57%	-1.08%	-1.33%	-9.40%	-5.18%	-10.82%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-2	1.10%	-5.17%	-3.87%	0.67%	-1.19%	-8.63%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2	4.24%	3.89%	1.57%	-16.06%	-7.26%	-27.71%
VTV	Vanguard Value	Large Cap Value	-2	2.96%	-1.98%	-0.80%	-6.77%	-3.71%	-9.05%
PKW	PowerShares Buyback Achievers	All Cap Equities	-2	5.15%	-1.02%	0.96%	-13.69%	-6.23%	-15.11%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	2.51%	1.05%	-0.19%	-11.10%	-5.10%	-14.06%
SCHD	Schwab US Dividend Equity	All Cap Equities	-2	2.42%	-2.45%	-1.40%	-7.95%	-3.47%	-9.20%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-2	5.05%	-4.83%	-2.21%	-5.14%	-5.07%	-16.44%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-2	2.54%	-2.90%	-1.32%	-6.07%	-3.46%	-8.43%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-2	4.70%	-1.26%	1.52%	-11.88%	-4.87%	-12.53%
VFH	Vanguard Financials	Financials Equities	-2	4.30%	-0.64%	2.21%	-14.69%	-8.77%	-19.04%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-2	-3.64%	-0.98%	1.90%	-5.61%	-1.56%	-6.63%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-2	0.74%	-5.55%	-3.70%	0.64%	-1.77%	-8.90%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	4.81%	3.24%	2.58%	-19.30%	-8.69%	-24.39%
RWR	Wilshire REIT Fund	Real Estate	-2	4.87%	2.36%	0.44%	-17.29%	-8.27%	-17.29%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-2	4.22%	0.09%	2.35%	-13.96%	-8.23%	-47.99%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	4.88%	4.22%	1.35%	-19.49%	-9.22%	-30.46%
EWM	iShares Malaysia Index	Emerging Markets Equi	-2	5.13%	-0.09%	-4.09%	-9.19%	-6.44%	-37.67%
IGE	iShares North American Natural Resources	Commodity Producers	-3	0.84%	-18.12%	-7.37%	14.14%	-2.17%	-20.91%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-3	3.62%	-2.14%	-1.66%	-12.83%	-6.78%	-16.97%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-3	6.62%	4.58%	1.01%	-25.21%	-12.89%	-41.29%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-3	5.12%	-1.24%	0.44%	-16.79%	-9.20%	-20.28%
EWJ	iShares Japan Index	Japan Stock	-3	4.12%	-0.27%	0.85%	-16.89%	-9.03%	-24.92%
FXB	CurrencyShares British Pound	Currency	-3	1.22%	-2.60%	-0.22%	-10.13%	-6.15%	-19.63%
DBC	PowerShares DB Commodity Index	Commodities	-3	-2.58%	-18.24%	-9.73%	20.12%	0.90%	-18.24%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-3	3.85%	1.54%	-0.71%	-15.95%	-8.44%	-24.45%
EWC	iShares Canada Index	Foreign Large Cap Equ	-3	3.38%	-5.73%	0.06%	-9.19%	-6.79%	-14.17%
ILF	iShares S&P 40 Latin America	Latin America Stock	-3	4.50%	-8.22%	-6.31%	-0.09%	-8.23%	-40.66%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-3	6.74%	5.29%	1.34%	-25.45%	-12.94%	-40.24%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-3	4.16%	-1.82%	0.74%	-14.72%	-8.28%	-22.33%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-3	4.32%	0.24%	-0.37%	-17.85%	-8.50%	-23.38%
FXV	CurrencyShares Japanese Yen Trust	Currency	-3	2.35%	1.11%	-3.46%	-13.60%	-8.44%	-27.18%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-3	5.26%	-2.97%	1.04%	-16.18%	-8.86%	-19.90%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-3	6.07%	-3.30%	5.29%	-21.86%	-8.84%	-26.83%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-3	2.38%	-1.00%	-1.49%	-9.95%	-5.45%	-11.10%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-3	2.47%	-3.84%	-1.86%	-8.59%	-6.74%	-31.58%
ITB	iShares DJ US Home Construction	Building and Constructi	-3	7.20%	2.44%	6.28%	-26.72%	-7.46%	-26.83%
RWM	ProShares Short Russell2000	Inverse Equities	-3	-7.49%	-4.09%	-10.62%	11.31%	0.78%	-63.19%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-3	5.07%	1.25%	0.21%	-17.11%	-8.51%	-17.14%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-3	5.12%	-1.26%	-0.51%	-17.23%	-9.95%	-25.61%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-3	7.15%	-0.90%	0.90%	-20.40%	-10.83%	-26.43%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-3	5.64%	-1.88%	-1.03%	-16.38%	-9.31%	-30.94%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-3	5.53%	-0.96%	0.85%	-17.11%	-9.21%	-20.88%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-3	6.99%	-2.77%	2.77%	-18.45%	-9.66%	-24.27%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-3	1.74%	-5.12%	-4.82%	-3.84%	-3.84%	-10.30%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-3	5.01%	-2.63%	1.29%	-15.31%	-8.35%	-19.39%
IEV	S&P Europe 350 Index	Europe Stock	-3	5.92%	-1.43%	0.22%	-17.76%	-9.39%	-19.78%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-3	1.50%	-6.23%	-4.17%	-4.68%	-5.25%	-12.68%
SLV	iShares Silver Trust	Precious Metals	-4	5.01%	-6.66%	-2.51%	-13.34%	-11.68%	-30.96%
ACWX	iShares MSCI ACWI ex US	Global Equities	-4	3.30%	-2.42%	0.74%	-16.62%	-9.62%	-21.61%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-4	5.75%	-3.33%	2.22%	-18.85%	-10.18%	-23.45%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-4	4.26%	-0.07%	-0.89%	-18.71%	-9.08%	-24.85%
VGK	Vanguard European	Europe Equities	-4	6.12%	-3.67%	0.82%	-18.74%	-9.89%	-21.46%
KIE	SPDR S&P Insurance	Specialty-Financial	-4	-2.69%	-4.47%	-1.61%	-7.80%	-6.04%	-60.33%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-4	2.81%	-1.58%	-0.13%	-15.85%	-10.40%	-30.30%
PSQ	ProShares Short QQQ	Inverse Equities	-4	-9.43%	-9.10%	-12.44%	14.40%	-0.19%	-77.72%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-4	-0.98%	-3.75%	2.61%	-15.09%	-9.59%	-27.38%
EWH	iShares Hong Kong Index	China Equities	-4	-4.71%	-3.22%	1.69%	-9.31%	-7.32%	-25.16%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-4	0.25%	-9.56%	-8.69%	1.57%	-4.00%	-12.63%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-4	3.90%	-3.03%	0.82%	-18.76%	-13.05%	-27.25%
XRT	SPDR S&P Retail *	Consumer Discretionar	-4	7.36%	0.55%	1.02%	-26.67%	-13.85%	-36.43%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-4	8.04%	-3.94%	1.02%	-21.13%	-11.01%	-25.43%
VXUS	Vanguard Total International Stock	Global Equities	-4	3.64%	-3.42%	1.14%	-16.16%	-9.21%	-21.04%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-4	2.20%	-13.99%	-6.80%	1.06%	-5.93%	-18.43%

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FXE	CurrencyShares Euro Currency Trust	Currency	-4	0.69%	-3.61%	-1.46%	-10.49%	-6.69%	-21.42%
EZU	European Monetary Union Index	Europe Stock	-4	7.63%	-2.64%	0.18%	-21.71%	-11.56%	-25.54%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-4	3.78%	-2.27%	0.98%	-16.79%	-9.62%	-21.85%
VEU	Vanguard FTSE All-World ex-US	Global Equities	-4	3.49%	-3.30%	1.24%	-15.89%	-9.07%	-21.05%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-5	2.97%	-5.78%	-4.31%	-12.68%	-9.81%	-26.14%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-5	3.69%	-7.16%	-2.26%	-14.01%	-9.58%	-19.13%
EZA	iShares South Africa Index	Emerging Markets Equi	-5	-1.77%	-5.41%	-4.53%	-9.16%	-11.67%	-44.52%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-5	0.59%	-5.28%	-4.09%	-11.86%	-8.64%	-20.14%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-5	0.22%	-3.70%	1.07%	-17.93%	-11.31%	-29.27%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	-5	2.02%	-2.05%	2.19%	-22.85%	-12.16%	-27.60%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-5	-0.17%	-3.77%	1.57%	-18.08%	-11.32%	-30.95%
FV	First Trust VL Dividend	Large Cap Value Equiti	-5	4.81%	-10.08%	-2.41%	-10.92%	-6.68%	-14.98%
EWW	iShares Mexico Index	Latin America Stock	-5	0.61%	-6.70%	-4.82%	-9.43%	-6.98%	-20.46%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-5	4.19%	-7.04%	-4.37%	-11.48%	-9.43%	-23.08%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-5	-1.49%	-3.51%	3.08%	-17.47%	-10.43%	-33.14%
IYZ	Down Jones US Telecom	Commun. Equities	-5	1.80%	-1.32%	1.01%	-20.78%	-10.51%	-28.65%
EWD	iShares Sweden Index	Europe Stock	-5	8.95%	-1.66%	0.78%	-27.22%	-13.73%	-31.73%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-5	-0.60%	-3.99%	2.25%	-16.32%	-10.16%	-26.73%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-6	2.80%	-5.48%	-6.18%	-16.56%	-11.89%	-34.64%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-6	3.56%	-2.91%	-5.31%	-19.88%	-13.41%	-23.95%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-6	5.65%	-5.98%	-3.29%	-18.56%	-10.16%	-21.43%
XLB	Materials Select Sector *	Materials	-6	4.20%	-8.80%	-5.42%	-15.20%	-8.62%	-15.20%
HDGE	Ranger Equity Bear	Inverse Equities	-6	-9.14%	-8.99%	-13.41%	8.43%	-0.08%	-76.19%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-6	-8.88%	-0.90%	5.72%	-21.00%	-10.95%	-33.45%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-6	2.28%	-14.10%	-8.07%	-2.91%	-8.14%	-19.75%
VOX	Vanguard Telecom Serv's	Communication Equitie	-6	1.57%	-0.51%	1.24%	-26.18%	-14.08%	-33.58%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	-6	5.65%	-3.57%	0.58%	-27.59%	-14.26%	-35.32%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-6	5.78%	-1.11%	-2.20%	-25.73%	-13.38%	-36.77%
IYM	Dow Jones US Basic Mat's	Materials	-6	5.04%	-10.18%	-7.27%	-12.26%	-9.18%	-20.13%
EWP	iShares Spain Index	Europe Stock	-6	0.84%	-8.24%	-2.97%	-13.06%	-9.39%	-36.98%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-6	7.13%	-8.18%	-1.99%	-22.57%	-12.59%	-27.08%
VAW	Vanguard Materials VIPERS	Materials	-6	4.75%	-8.51%	-4.74%	-14.48%	-8.40%	-15.59%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-7	9.65%	8.87%	13.26%	-59.00%	-36.64%	-59.75%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-7	8.51%	-11.56%	-4.65%	-18.82%	-17.25%	-46.85%
EWK	iShares Belgium Index	Europe Stock	-7	1.60%	-3.81%	-5.03%	-19.62%	-12.58%	-26.02%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-7	4.92%	-6.25%	-3.11%	-22.01%	-13.17%	-36.88%
MCHI	iShares MSCI China	China Equities	-7	-10.75%	-6.23%	7.64%	-20.34%	-12.53%	-48.55%
FXI	iShares China 25 Index	China Equities	-7	-10.54%	-6.85%	7.55%	-16.68%	-11.19%	-44.04%
EWI	iShares Italy Index	Europe Stock	-8	4.57%	-7.15%	-6.48%	-24.75%	-15.56%	-28.37%
EWG	iShares Germany Index	Europe Stock	-8	6.51%	-6.72%	-4.82%	-27.12%	-16.55%	-34.51%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-8	-0.85%	-10.15%	-5.80%	-16.39%	-13.69%	-27.96%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-9	2.37%	-8.79%	-4.12%	-24.10%	-15.61%	-25.39%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-10	6.55%	3.17%	5.89%	-56.85%	-35.93%	-57.14%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-10	6.71%	3.11%	6.01%	-56.92%	-36.00%	-57.19%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-10	7.70%	1.78%	7.86%	-57.65%	-36.85%	-60.62%
SIL	Global X Silver Miners	Commodity Producers	-10	5.20%	-11.71%	-4.95%	-28.27%	-21.92%	-50.91%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-11	9.40%	-15.48%	-7.88%	-30.69%	-26.78%	-65.45%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-12	-2.69%	-14.99%	-12.43%	-17.48%	-19.01%	-40.65%
SCHH	Schwab U.S. REIT	Real Estate	-12	4.91%	2.46%	3.17%	-57.39%	-35.89%	-57.39%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-16	-5.51%	-18.09%	-17.08%	-24.95%	-23.94%	-45.15%
RSX	Market Vectors Russia	Emerging Markets Equi	-20	0.00%	0.00%	0.00%	-78.81%	-61.02%	-83.05%