

HV ETF Master List as of 12/16/2021

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	23	3.92%	5.23%	10.73%	73.23%	17.48%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	18	1.78%	11.57%	14.91%	42.71%	11.21%	-4.11%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	16	-0.43%	8.54%	11.05%	44.86%	10.21%	-3.21%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	15	-5.08%	-7.27%	6.98%	66.64%	8.20%	-23.76%
SMH	VanEch Vectors Semiconductor	Technology Equities	13	-4.37%	10.07%	8.62%	35.83%	12.75%	-5.68%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	13	-3.60%	10.65%	8.94%	36.33%	13.18%	-6.05%
XLE	Energy Select Sector *	Energy Equities	13	-2.44%	-3.33%	9.86%	46.44%	6.07%	-29.67%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	12	0.89%	3.85%	6.27%	38.84%	10.06%	-0.74%
ICF	Cohen & Steers Realty	Real Estate	12	1.97%	4.69%	6.33%	35.37%	9.97%	-42.10%
RWR	Wilshire REIT Fund	Real Estate	12	0.36%	4.17%	8.57%	36.38%	9.88%	-0.57%
IYE	Dow Jones US Energy	Specialty-Natural Res.	11	-4.61%	-4.46%	7.43%	47.23%	5.39%	-31.38%
SCHH	Schwab U.S. REIT	Real Estate	11	1.06%	3.51%	5.93%	32.76%	8.39%	-0.08%
FXN	1st Trust Energy AlphaDEX	Energy Equities	11	-5.53%	-7.02%	6.32%	48.74%	6.18%	-35.20%
XLK	Technology Select *	Technology Equities	11	-0.62%	6.32%	7.92%	29.99%	11.98%	-3.36%
VDE	Vanguard Energy VIPERS	Energy Equities	11	-4.52%	-5.77%	5.98%	47.61%	4.31%	-29.72%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	10	4.54%	6.01%	7.87%	19.86%	8.44%	0.00%
VNQ	Vanguard REIT Index	Real Estate	10	1.64%	3.09%	4.93%	31.73%	8.11%	-0.14%
IYW	Dow Jones US Technology	Technology Equities	9	-3.66%	2.76%	4.74%	31.24%	10.05%	-4.14%
SPYG	S&P 500 Growth	Large Cap Growth	9	-2.20%	4.10%	6.00%	28.12%	9.95%	-2.64%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	-2.20%	4.08%	5.87%	28.18%	9.93%	-2.65%
IWW	S&P 500/BARRA Growth	Large Growth	9	-2.32%	3.92%	5.70%	27.91%	9.79%	-2.76%
KRE	SPDR S&P Region.Banking	Specialty-Financial	9	-5.39%	-2.74%	7.39%	34.84%	2.89%	-7.16%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	9	3.82%	5.91%	4.81%	22.43%	8.54%	0.00%
XLB	Materials Select Sector *	Materials	9	0.34%	4.45%	9.34%	22.63%	5.58%	-1.48%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	9	0.88%	3.02%	5.57%	25.58%	8.07%	-0.40%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	9	1.65%	4.81%	7.17%	21.96%	6.04%	0.00%
IYR	Dow Jones US Real Estate	Real Estate	9	0.95%	1.83%	4.24%	30.10%	7.36%	-0.81%
XLP	Consumer Staples Select *	Consumer Staples	9	5.81%	8.16%	8.39%	13.43%	8.04%	0.00%
XLF	Financial Select Sector *	Financial Equities	9	0.03%	-1.50%	3.79%	33.85%	5.09%	-2.86%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	9	2.62%	6.12%	8.09%	18.27%	5.47%	0.00%
XLU	Utilities Select Sector *	Utilities Equities	9	6.22%	6.23%	9.00%	13.37%	7.39%	0.00%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	9	3.93%	4.85%	7.04%	19.70%	5.00%	0.00%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	8	1.38%	4.18%	7.47%	20.32%	7.43%	-0.16%
VGT	Vanguard Info Technology	Technolgy Equities	8	-2.47%	3.48%	4.99%	25.39%	9.43%	-3.57%
RPV	Guggenheim S&P 500 Pure Value	Large Value	8	-0.70%	-0.84%	5.30%	30.00%	2.82%	-2.57%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	8	5.84%	7.96%	8.01%	11.42%	5.38%	0.00%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	8	-3.32%	-4.91%	3.63%	36.54%	3.26%	-6.27%
VFH	Vanguard Financials	Financials Equities	8	-2.09%	-2.79%	2.54%	32.44%	3.90%	-4.43%
SCHD	Schwab US Dividend Equity	All Cap Equities	8	1.14%	2.28%	5.67%	24.04%	4.24%	0.00%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	8	-0.21%	1.36%	5.02%	27.12%	4.66%	-0.96%
VTV	Vanguard Value	Large Cap Value	8	1.54%	2.42%	5.46%	22.89%	5.11%	0.00%

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DBC	PowerShares DB Commodity Index	Commodities	8	-4.34%	-5.76%	2.22%	37.89%	5.55%	-7.19%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	8	1.54%	3.63%	6.30%	22.38%	6.64%	0.00%
DVY	iShares Select Dividend Index	Large Cap Value	8	1.05%	0.94%	3.55%	25.67%	2.41%	-1.78%
VYM	Vanguard High Div. Yield Index	Large Cap Value	8	1.69%	3.06%	6.79%	22.07%	5.35%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	8	-0.47%	1.12%	4.68%	27.05%	4.41%	-1.10%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	-3.02%	-3.77%	3.33%	34.16%	2.55%	-5.37%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8	-2.53%	3.59%	5.37%	27.13%	9.26%	-2.91%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	8	3.46%	3.06%	4.35%	19.24%	2.12%	-2.82%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	8	4.88%	7.11%	6.71%	13.49%	7.38%	0.00%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	8	2.15%	2.98%	6.49%	20.26%	6.06%	-0.48%
VAW	Vanguard Materials VIPERS	Materials	8	-0.87%	3.25%	7.71%	22.07%	4.18%	-2.86%
IVV	S&P 500	Large Blend	8	-1.03%	2.48%	4.51%	24.33%	6.80%	-1.27%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8	-0.70%	2.84%	4.91%	24.78%	7.13%	-0.93%
SDY	SPDR Dividend ETF	Large Value	8	1.62%	3.76%	7.40%	20.68%	3.93%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	8	-0.70%	2.84%	5.25%	24.76%	7.17%	-0.91%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	8	5.03%	4.69%	7.55%	13.95%	5.11%	0.00%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	7	-0.60%	1.92%	4.16%	24.00%	5.32%	-0.88%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	7	0.06%	1.37%	4.26%	20.95%	4.09%	-0.69%
RSP	Guggenheim S&P Equal Weight	Large Blend	7	-1.01%	0.64%	3.60%	24.72%	4.37%	-1.89%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	7	-1.69%	1.75%	3.96%	22.75%	5.99%	-2.35%
PKW	PowerShares Buyback Achievers	All Cap Equities	7	-2.24%	-1.55%	2.46%	28.74%	3.36%	-3.76%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	7	1.32%	0.73%	4.94%	19.68%	1.27%	-3.84%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	-3.31%	1.97%	3.32%	24.63%	7.79%	-3.75%
KBE	SPDR S&P Bank	Specialty-Financial	7	-4.55%	-4.21%	5.35%	29.53%	1.82%	-6.43%
IYF	Dow Jones US Financial Sector	Specialty-Financial	7	-1.22%	-2.21%	3.32%	29.98%	4.63%	-39.49%
IXC	S&P Global Energy	Energy Equities	7	-4.63%	-7.17%	4.38%	33.87%	3.40%	-30.97%
IGE	iShares North American Natural Resources	Commodity Producers	7	-4.09%	-4.42%	5.39%	31.90%	2.90%	-19.24%
IDU	Dow Jones US Utilities	Utilities Equities	7	4.47%	4.74%	7.41%	12.27%	6.28%	-50.80%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	-0.98%	2.45%	4.42%	23.25%	6.99%	-1.06%
EWL	iShares Switzerland Index	Europe Stock	7	1.65%	5.30%	6.29%	16.09%	6.39%	0.00%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	7	3.35%	3.55%	4.26%	18.27%	3.90%	0.00%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	7	-1.40%	3.95%	5.00%	22.30%	5.63%	-14.02%
IYH	Dow Jones US Healthcare	Specialty-Health	7	2.40%	3.81%	2.25%	19.97%	6.72%	-0.45%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	7	-0.97%	0.45%	3.60%	24.18%	3.45%	-1.96%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	7	0.30%	2.80%	6.76%	18.45%	4.62%	-0.38%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	7	3.81%	6.45%	6.43%	12.68%	6.29%	-0.22%
VPU	Vanguard Utilities VIPERS	Utilities Equities	7	4.99%	5.40%	7.43%	12.16%	6.33%	-1.40%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	7	0.47%	1.50%	3.48%	22.62%	1.80%	-1.98%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7	1.88%	2.94%	4.55%	17.09%	6.36%	0.00%
VV	Vanguard LargeCap	Large Cap Blend	7	-1.51%	1.67%	3.86%	23.15%	6.25%	-1.59%
VTI	Total Stock Market VIPERs	All Cap Equities	6	-2.33%	0.73%	2.79%	21.52%	4.94%	-2.58%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	6	-2.67%	-0.78%	3.43%	24.82%	2.21%	-57.18%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	6	-6.59%	1.65%	6.74%	22.30%	7.36%	-7.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	6	-3.71%	2.54%	3.72%	23.30%	7.64%	-4.25%

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IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	6	2.33%	6.36%	5.51%	10.42%	6.06%	-0.17%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	6	1.87%	3.39%	1.94%	16.19%	5.80%	-27.82%
IVE	S&P 500/BARRA Value	Large Value	6	0.65%	0.79%	3.22%	20.28%	3.46%	-0.49%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6	-1.94%	0.06%	2.68%	23.29%	4.38%	-2.63%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	6	-4.29%	-1.22%	3.00%	26.05%	1.23%	-5.10%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6	-2.57%	0.49%	2.87%	21.33%	4.70%	-2.81%
IWB	Russell 1000 Index	Large Blend	6	-1.97%	1.00%	3.13%	22.05%	5.43%	-2.11%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	6	-4.17%	0.82%	2.85%	24.02%	7.26%	-4.52%
IWD	Russell 1000 Value	Large Value	6	-0.15%	0.15%	2.87%	20.74%	3.07%	-1.23%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	6	-2.03%	-3.72%	1.01%	28.84%	2.70%	-5.03%
IYM	Dow Jones US Basic Mat's	Materials	6	-2.14%	0.86%	6.84%	19.20%	2.12%	-4.61%
IWF	Russell 1000 Growth	Large Growth	6	-3.56%	1.82%	3.41%	23.17%	7.65%	-3.90%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6	-2.02%	1.13%	3.58%	22.48%	5.60%	-2.13%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	6	1.21%	0.56%	3.83%	19.65%	1.16%	-4.04%
GSG	iShares GSCI Commodity Index	Commodities.	6	-5.25%	-6.95%	0.30%	34.55%	3.78%	-11.38%
IYT	Dow Jones Transportation	Transportation Equities	6	-2.93%	0.22%	6.60%	20.37%	1.37%	-4.97%
VUG	Vanguard Growth	Large Cap Growth	6	-3.94%	1.05%	2.58%	23.06%	7.04%	-4.27%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	6	-0.23%	-0.87%	6.19%	19.18%	2.00%	-4.08%
HDV	iShares Core High Dividend	Large Cap Value Equiti	6	1.72%	2.38%	4.06%	13.98%	2.93%	0.00%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	6	-0.24%	-1.27%	4.41%	19.99%	1.52%	-4.72%
VHT	Vanguard Health Care	Health & Biotech Equiti	5	1.25%	2.52%	0.66%	16.47%	4.91%	-1.98%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	5	-4.91%	-1.67%	1.77%	23.85%	0.18%	-38.23%
XLI	Industrial Select Sector *	Industrial Equities	5	-1.92%	-0.20%	3.56%	17.70%	1.38%	-2.71%
IWV	Russell 3000 Index	All Cap Equities	5	-2.45%	0.53%	2.63%	21.25%	4.75%	-2.70%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	0.03%	0.98%	3.42%	17.54%	3.51%	-1.34%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	5	-7.20%	-0.07%	0.39%	25.29%	7.67%	-7.61%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	5	-3.53%	3.19%	0.12%	21.14%	1.90%	-4.26%
XME	SPDR S&P Metals & Mining	Commodity Producers	5	-4.97%	-3.39%	2.04%	27.00%	-1.80%	-11.08%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	5	-3.51%	-4.28%	1.30%	25.09%	2.58%	-6.21%
IWS	Russell MidCap Value	Mid-Cap Value	5	-2.32%	-1.01%	2.39%	22.52%	2.31%	-3.22%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	-2.30%	1.28%	1.77%	19.39%	3.40%	-2.46%
KIE	SPDR S&P Insurance	Specialty-Financial	5	-0.82%	-2.99%	5.02%	18.97%	2.31%	-57.42%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	-2.69%	0.37%	2.34%	21.11%	4.54%	-2.94%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	4	0.13%	1.57%	1.72%	10.67%	3.15%	-0.70%
MOO	VanEck Vectors Agribusiness	Commodity Producers	4	-2.36%	-1.27%	0.58%	20.70%	1.82%	-2.87%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	4	-4.15%	-0.81%	2.64%	19.89%	-0.36%	-62.67%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	4	0.54%	1.61%	-1.32%	17.00%	3.07%	-2.33%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	4	-1.99%	0.85%	0.57%	15.92%	2.57%	-2.40%
VBR	Vanguard SmallCap Value	Small Cap Value	4	-5.28%	-2.62%	0.94%	22.17%	-0.01%	-6.45%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	-4.22%	0.11%	-0.11%	19.43%	2.18%	-4.34%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4	-3.96%	-1.84%	0.91%	19.79%	3.20%	-5.17%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	4	-2.02%	0.77%	0.45%	16.31%	2.61%	-2.45%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	4	-3.40%	2.24%	-0.45%	19.23%	2.49%	-3.82%
VIS	Vanguard Industrials	industrials Equities	4	-3.59%	-1.14%	2.35%	16.62%	0.55%	-4.46%

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JXI	iShares S&P Global Utilities	Utilities Equities	4	2.71%	2.68%	3.94%	5.34%	2.56%	-2.07%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	4	-1.25%	2.53%	-0.92%	14.55%	2.03%	-3.01%
MDY	MidCap Trust Series I	Mid-Cap Blend	3	-5.19%	-2.01%	1.24%	18.73%	0.42%	-6.11%
ACWI	iShares MSCI ACWI	Global Equities	3	-2.96%	-1.06%	0.53%	14.41%	1.93%	-3.21%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	3	-8.00%	-1.04%	1.69%	18.83%	2.86%	-8.05%
DJP	Bloomberg Commodity Index	Commodities	3	-6.33%	-7.38%	-1.76%	27.76%	2.22%	-9.54%
IJS	S&P SmallCap 600/BARRA Value	Small Value	3	-7.03%	-3.68%	-0.22%	24.12%	-2.49%	-41.75%
IJH	S&P MidCap 400	Mid-Cap Blend	3	-5.54%	-2.32%	0.55%	18.28%	0.01%	-6.43%
UUP	PowerShares DB US Dollar Bullish	Currency	3	0.43%	2.22%	3.00%	6.15%	3.24%	-8.40%
VT	Vanguard Total World Stock Index	Global Equities	3	-2.43%	-0.53%	0.75%	14.57%	2.04%	-2.89%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	3	4.66%	2.77%	5.15%	-0.12%	2.34%	-13.77%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	2	-1.66%	1.26%	-2.47%	12.27%	2.61%	-3.52%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	2	-4.51%	-5.28%	-1.82%	19.58%	2.31%	-6.77%
FV	First Trust VL Dividend	Large Cap Value Equiti	2	-6.44%	-2.33%	0.48%	18.06%	1.05%	-7.26%
EWC	iShares Canada Index	Foreign Large Cap Equ	2	-6.16%	-5.85%	0.32%	20.59%	-0.09%	-7.03%
IYJ	Dow Jones US Industrial	Industrial Equities	2	-1.52%	-2.19%	-0.56%	13.84%	-0.41%	-42.72%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	-0.63%	0.70%	-4.39%	11.79%	2.05%	-5.95%
IJR	S&P Sm.Cap 600	Small Blend	2	-7.47%	-3.38%	-1.30%	19.16%	-2.08%	-8.98%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	2	-1.59%	1.22%	-2.44%	10.68%	2.02%	-3.49%
IWN	Russell 2000 Value	Small Value	2	-7.20%	-4.62%	-1.37%	21.20%	-2.71%	-9.72%
IYC	iShares US Consumer Services	Consumer Discretionar	2	-6.41%	-1.58%	1.77%	14.74%	2.28%	-70.80%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	2	-4.73%	-3.45%	-0.91%	17.16%	0.89%	-64.16%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	2	-4.15%	0.09%	-1.09%	11.50%	-0.82%	-4.20%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	2	-1.74%	-1.84%	-1.02%	11.59%	-1.34%	-5.99%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2	-1.85%	0.83%	0.28%	10.70%	-0.78%	-4.97%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	1	-5.61%	-4.39%	-1.80%	13.80%	-1.13%	-6.96%
EDV	Vanguard Extended Duration Treasury	Government Bonds	1	2.38%	6.23%	0.50%	-6.91%	4.45%	-20.51%
IEV	S&P Europe 350 Index	Europe Stock	1	-3.89%	-2.48%	-2.34%	10.75%	-1.22%	-4.82%
RWM	ProShares Short Russell2000	Inverse Equities	1	9.04%	5.41%	3.36%	-14.12%	2.48%	-65.41%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	1	-0.80%	-0.68%	5.92%	-1.04%	6.43%	-19.88%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	1	-7.64%	-3.56%	-2.60%	17.77%	-1.84%	-8.62%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	1	-6.21%	-2.92%	-0.73%	12.88%	-0.08%	-68.28%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	1	-7.19%	-2.36%	-1.80%	14.92%	-0.96%	-37.24%
PIN	PowerShares India Portfolio	Emerging Markets Equi	1	-4.51%	-4.45%	-5.56%	18.48%	2.95%	-47.91%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	1	-6.61%	-3.84%	-1.45%	15.57%	3.09%	-7.79%
XRT	SPDR S&P Retail *	Consumer Discretionar	1	-15.56%	-7.83%	-8.14%	36.10%	-7.21%	-15.96%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	1	2.53%	7.53%	1.57%	-5.68%	5.93%	-18.86%
EWV	iShares Mexico Index	Latin America Stock	1	0.82%	-3.01%	-3.72%	11.49%	0.10%	-16.82%
VGK	Vanguard European	Europe Equities	1	-3.23%	-2.10%	-2.14%	11.39%	-0.91%	-4.96%
EWQ	iShares France Index	Europe Stock	1	-5.73%	-2.17%	-2.68%	13.71%	-0.79%	-6.50%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	0	-2.69%	-1.89%	-2.77%	7.99%	-1.29%	-4.59%
MUB	iShares S&P National Muni Bond	National Munis	0	0.25%	0.87%	-0.27%	-0.69%	-0.28%	-1.31%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	0	1.82%	-2.16%	-3.72%	5.79%	-2.79%	-13.44%
PZA	Pshares Insured National Munis	National Munis	0	0.44%	1.50%	0.07%	-0.07%	-0.05%	-1.56%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TLT	iShares 20+ Treas. Bd	Government Bonds	0	1.59%	4.62%	0.53%	-5.45%	3.20%	-13.07%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.69%	0.19%	-0.74%	2.04%	-0.10%	-1.25%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0	-0.83%	-1.66%	-1.64%	5.14%	-2.49%	-10.42%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	0.55%	1.66%	-0.45%	-1.01%	0.48%	-4.27%
BNDX	Vanguard Total International Bond	Total Bond Market	0	0.42%	1.24%	-0.07%	-2.24%	0.02%	-3.34%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	0	-3.99%	-0.92%	-3.67%	7.64%	0.28%	-4.67%
EWU	iShares United Kingdom Index	Europe Stock	0	-3.57%	-4.63%	-2.13%	9.80%	-2.38%	-15.10%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	0.38%	0.95%	-0.67%	-2.64%	-0.06%	-6.29%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	1.05%	1.83%	-0.27%	-3.50%	0.34%	-5.94%
IYZ	Down Jones US Telecom	Commun. Equities	0	-0.03%	-2.21%	-4.55%	5.56%	-3.49%	-12.70%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0	-1.58%	-0.17%	0.00%	1.10%	0.21%	-1.77%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.08%	-0.48%	-0.92%	0.42%	-0.49%	-3.24%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.16%	-0.22%	-0.57%	-0.93%	-0.57%	-1.59%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.15%	-0.25%	-0.59%	-0.86%	-0.57%	-2.04%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.15%	-0.10%	-1.12%	-0.41%	-0.50%	-1.58%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.26%	-0.32%	-0.28%	-0.18%	-0.28%	-0.90%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	0	0.05%	-0.77%	-1.02%	0.86%	-0.20%	-3.57%
FEZ	SPDR Euro Stoxx 50	Europe Stock	0	-4.96%	-2.09%	-3.48%	10.31%	-2.22%	-6.75%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.19%	-0.26%	-0.58%	-0.87%	-0.58%	-1.35%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.22%	-0.70%	-1.24%	0.63%	-0.81%	-3.62%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	0	-5.42%	-4.53%	-2.44%	10.62%	1.32%	-7.91%
EWI	iShares Italy Index	Europe Stock	0	-4.55%	-3.78%	-2.14%	8.90%	-1.74%	-6.99%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.10%	-0.13%	-0.17%	-0.37%	-0.19%	-0.66%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	1.23%	3.14%	-0.73%	-6.29%	1.52%	-13.42%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-1	-2.07%	-0.47%	-0.20%	0.19%	-0.22%	-2.27%
HDGE	Ranger Equity Bear	Inverse Equities	-1	4.86%	3.13%	2.88%	-15.21%	4.73%	-77.12%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	-0.68%	-3.72%	-12.85%	12.27%	-2.64%	-13.70%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	0.07%	0.09%	-1.04%	-2.90%	-0.93%	-3.48%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	0.17%	0.50%	-1.04%	-3.50%	-0.61%	-5.01%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	0.39%	0.59%	-0.83%	-3.13%	-0.67%	-4.34%
VXUS	Vanguard Total International Stock	Global Equities	-1	-2.89%	-2.67%	-2.77%	5.62%	-2.34%	-5.87%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1	0.17%	0.00%	-1.20%	-3.17%	-1.07%	-5.22%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	0.11%	0.46%	-1.08%	-3.24%	-0.54%	-4.41%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-1	-0.69%	-1.03%	-1.84%	0.40%	-1.01%	-2.31%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	-0.51%	-1.03%	-1.68%	-0.86%	-1.36%	-6.20%
GLD	SPDR Gold Shares	Precious Metals	-1	-3.32%	0.85%	2.84%	-5.72%	0.04%	-13.27%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.10%	-0.31%	-1.03%	-2.00%	-0.91%	-2.00%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	0.20%	-1.26%	-1.59%	-2.56%	-1.43%	-3.88%
VB	Vanguard SmallCap	Small Cap Blend	-1	-6.80%	-5.14%	-3.23%	12.15%	-2.33%	-8.79%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-1	-0.81%	-1.26%	-1.90%	-0.58%	-1.42%	-2.53%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-1	-4.53%	-3.52%	-4.45%	6.61%	-2.86%	-6.00%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	0.39%	0.49%	-1.50%	-3.51%	-0.71%	-3.54%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-1	-4.20%	-2.99%	-4.23%	6.40%	-2.40%	-5.48%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	0.21%	1.56%	-1.95%	-4.19%	0.59%	-5.79%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	0.20%	0.53%	-1.03%	-3.37%	-0.46%	-4.76%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.16%	-0.39%	-1.20%	-2.08%	-1.09%	-2.08%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-1	0.28%	0.16%	-1.36%	-2.94%	-0.70%	-3.00%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	0.27%	-1.11%	-2.10%	-2.86%	-1.64%	-4.45%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-1	-4.04%	-4.21%	-4.58%	8.77%	-2.65%	-6.69%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-1	-2.78%	-2.47%	-2.64%	5.00%	-2.36%	-6.13%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	0.09%	0.70%	-1.86%	-3.93%	-0.38%	-4.64%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	0.36%	0.52%	-0.91%	-3.27%	-0.78%	-5.22%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	0.01%	-0.51%	-1.63%	-0.71%	-0.77%	-66.70%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.16%	-0.27%	-1.00%	-2.07%	-1.01%	-2.55%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	0.84%	2.70%	-1.07%	-5.24%	1.33%	-11.61%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1	0.61%	0.84%	-1.07%	-4.06%	-0.57%	-5.61%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	-0.41%	-0.45%	-0.63%	-1.17%	-0.52%	-5.98%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-0.21%	-0.69%	-1.81%	-0.97%	-0.95%	-2.83%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-1	-2.84%	-2.60%	-3.97%	4.37%	-3.18%	-17.47%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	0.14%	0.20%	-1.05%	-2.93%	-0.98%	-3.74%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-1	-0.42%	-2.70%	-2.97%	4.07%	-4.27%	-14.52%
IAU	iShares Gold Trust	Precious Metals	-1	-3.36%	0.80%	2.86%	-5.63%	0.05%	-13.19%
EWN	iShares Netherlands Index	Europe Stock	-2	-8.65%	-6.98%	-8.77%	17.05%	-2.95%	-10.02%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	-3.05%	-3.53%	-4.43%	2.60%	-3.77%	-14.46%
EWK	iShares Belgium Index	Europe Stock	-2	-4.47%	-3.71%	-4.51%	5.71%	-4.85%	-10.64%
EZA	iShares South Africa Index	Emerging Markets Equi	-2	-3.18%	-6.62%	-3.79%	4.17%	-6.28%	-39.89%
EZU	European Monetary Union Index	Europe Stock	-2	-5.91%	-3.87%	-5.13%	8.67%	-3.27%	-7.04%
EWJ	iShares Japan Index	Japan Stock	-2	-2.48%	0.27%	-6.68%	0.71%	-1.36%	-8.20%
ACWX	iShares MSCI ACWI ex US	Global Equities	-2	-4.44%	-4.12%	-4.04%	3.49%	-3.63%	-7.19%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-2	-4.37%	-6.13%	-6.13%	10.15%	-4.36%	-10.11%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-2	-0.22%	0.10%	-2.00%	-5.70%	-1.57%	-6.80%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	-1.35%	-0.81%	-4.98%	0.23%	-2.94%	-6.88%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-2	-4.54%	-3.46%	-4.88%	6.31%	-2.84%	-6.07%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-2	-8.40%	-6.24%	-4.52%	10.29%	-4.29%	-10.88%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-2	-3.79%	-4.42%	-4.01%	5.40%	-4.38%	-16.48%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2	2.20%	0.78%	1.80%	-11.24%	-0.86%	-49.31%
EWD	iShares Sweden Index	Europe Stock	-2	-7.58%	-6.91%	-5.39%	12.39%	-5.35%	-9.44%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	-2.03%	-5.23%	-1.66%	1.08%	-5.03%	-34.76%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-2	-0.70%	-0.38%	-2.45%	-6.25%	-2.11%	-7.88%
EWG	iShares Germany Index	Europe Stock	-3	-4.88%	-2.89%	-5.10%	2.52%	-5.20%	-10.72%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-3	0.32%	-0.18%	-2.33%	-8.87%	-2.82%	-9.51%
VOX	Vanguard Telecom Serv's	Communication Equitie	-3	-5.84%	-8.36%	-8.32%	10.60%	-5.54%	-11.76%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-3	-4.85%	-3.19%	-1.70%	-2.41%	-3.21%	-26.07%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	-3	-14.82%	-6.43%	-5.94%	14.51%	-4.04%	-14.82%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-3	-1.13%	-0.38%	-2.95%	-8.74%	-3.30%	-14.96%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-3	-5.00%	-4.75%	-4.84%	3.85%	-4.12%	-7.61%
IWM	Russell 2000	Small Blend	-3	-9.23%	-6.48%	-5.17%	8.73%	-5.13%	-12.11%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-3	-4.20%	-4.86%	-5.63%	2.39%	-4.83%	-12.27%
FXV	CurrencyShares Japanese Yen Trust	Currency	-3	0.46%	0.25%	-3.09%	-9.70%	-2.84%	-14.58%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-3	-3.62%	-5.03%	-3.24%	-1.62%	-5.23%	-12.73%
FXB	CurrencyShares British Pound	Currency	-3	-1.32%	-3.41%	-3.00%	-2.92%	-3.39%	-11.82%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-4	-9.67%	-8.66%	-6.57%	7.28%	-4.98%	-11.66%
EWA	iShares Australia Index	Asia Pacific Equities	-4	-4.74%	-7.77%	-5.00%	1.59%	-6.07%	-11.14%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-4	-4.41%	-10.50%	-3.86%	1.77%	-10.46%	-60.83%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-4	-9.65%	-5.34%	-4.72%	2.88%	-0.61%	-10.56%
FXE	CurrencyShares Euro Currency Trust	Currency	-4	-0.40%	-2.61%	-3.75%	-8.14%	-4.27%	-12.51%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-4	-6.20%	-6.43%	-8.75%	4.17%	-5.46%	-9.96%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-4	0.56%	-3.28%	-9.05%	-5.29%	-4.16%	-13.92%
IWP	Russell MidCap Growth	Mid-Cap Growth	-4	-8.80%	-7.63%	-6.37%	7.86%	-1.45%	-10.19%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-5	-7.21%	-7.96%	-8.33%	5.29%	-5.65%	-10.07%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-5	-7.56%	-9.20%	-6.30%	3.97%	-7.37%	-58.93%
IGV	iShares North American Tech-Software	Technology Equities	-5	-11.17%	-10.76%	-7.61%	9.86%	-1.23%	-12.88%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-5	-8.72%	-4.65%	4.78%	-13.28%	-7.98%	-29.92%
INDA	iShares MSCI India	Emerging Markets Equi	-5	-10.41%	-10.50%	-10.91%	10.89%	-2.82%	-12.17%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-5	0.00%	-2.48%	-6.82%	-9.09%	-9.74%	-18.70%
RSX	Market Vectors Russia	Emerging Markets Equi	-5	-10.19%	-14.78%	-8.59%	14.58%	-4.03%	-17.01%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-5	-2.14%	-5.36%	-13.53%	-0.73%	-5.52%	-55.88%
EWH	iShares Hong Kong Index	China Equities	-5	-4.79%	-5.41%	-4.05%	-5.68%	-10.28%	-17.30%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-5	-5.72%	-8.00%	-5.85%	-1.55%	-7.94%	-12.67%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-6	-8.88%	-8.43%	-8.47%	0.58%	-5.40%	-11.96%
DOG	ProShares Short Dow 30	Bear Market	-6	-0.59%	-1.62%	-4.15%	-18.11%	-4.91%	-64.11%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-6	-5.62%	-7.35%	-6.19%	-4.72%	-7.82%	-14.90%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-6	-5.10%	-7.19%	-5.82%	-6.33%	-7.95%	-16.49%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-6	-7.01%	-7.96%	-7.32%	-1.57%	-4.87%	-11.62%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-6	-8.91%	-4.71%	4.35%	-13.41%	-7.70%	-29.96%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-6	-5.88%	-7.69%	-5.58%	-4.44%	-7.27%	-15.42%
PSQ	ProShares Short QQQ	Inverse Equities	-7	3.23%	-3.12%	-4.61%	-22.48%	-8.96%	-79.92%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-7	-11.43%	-13.16%	-12.39%	8.81%	-4.60%	-13.97%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-7	-5.53%	-7.32%	-5.64%	-8.70%	-8.91%	-19.86%
IWO	Russell 2000 Growth	Small Growth	-8	-11.15%	-8.24%	-8.64%	-2.33%	-7.33%	-16.82%
ECH	iShares Chile Index	Latin America	-8	-2.13%	0.54%	-11.00%	-19.40%	-14.90%	-56.65%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8	0.29%	-3.20%	-5.56%	-22.48%	-8.08%	-66.55%
SLV	iShares Silver Trust	Precious Metals	-8	-9.45%	-6.98%	-0.57%	-15.38%	-10.07%	-23.00%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-9	-6.73%	-6.86%	-7.09%	-13.70%	-9.17%	-19.78%
EWSP	iShares Spain Index	Europe Stock	-9	-7.55%	-10.33%	-9.22%	-7.17%	-10.83%	-30.74%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-9	-12.35%	-12.35%	-9.64%	-2.23%	-10.42%	-25.51%
EWM	iShares Malaysia Index	Emerging Markets Equi	-10	-5.79%	-10.97%	-6.49%	-17.47%	-9.14%	-34.82%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-10	-10.84%	-11.26%	-5.93%	-13.43%	-13.62%	-26.99%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-10	-12.78%	-6.76%	4.54%	-24.50%	-10.56%	-36.07%
SIL	Global X Silver Miners	Commodity Producers	-11	-11.98%	-9.26%	-1.51%	-21.39%	-13.03%	-33.08%
EWZ	iShares Brazil Index	Latin America Stock	-11	-1.82%	-4.92%	-15.60%	-22.79%	-18.47%	-40.88%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-11	-7.66%	-3.31%	-7.41%	-24.98%	-10.87%	-57.81%
ILF	iShares S&P 40 Latin America	Latin America Stock	-12	-2.82%	-9.32%	-15.25%	-20.10%	-17.24%	-40.63%
FXI	iShares China 25 Index	China Equities	-12	-8.67%	-12.74%	-5.84%	-20.78%	-14.31%	-32.48%
UNG	U.S. Natural Gas Fund	Oil & Gas	-13	-24.62%	-32.05%	-30.01%	34.13%	-10.71%	-86.03%
MCHI	iShares MSCI China	China Equities	-13	-8.04%	-13.30%	-7.60%	-22.40%	-15.95%	-35.35%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-15	-9.72%	-10.90%	-17.08%	-21.62%	-14.15%	-36.58%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-19	-19.13%	-15.19%	-2.88%	-36.86%	-22.68%	-53.54%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-22	-1.81%	-1.85%	-4.22%	-80.57%	-67.43%	-82.88%