

HV ETF Master List as of 12/09/2021

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ITB	iShares DJ US Home Construction	Building and Constructi	22	8.51%	17.63%	16.26%	46.68%	15.11%	-0.33%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	21	-3.16%	-3.17%	16.29%	73.49%	13.16%	-20.62%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	20	1.32%	6.61%	5.14%	67.74%	14.91%	-2.81%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	20	5.74%	14.31%	12.08%	48.30%	13.60%	-0.40%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	19	2.98%	18.37%	12.05%	40.84%	17.83%	-2.94%
SMH	VanEch Vectors Semiconductor	Technology Equities	18	2.53%	17.36%	10.78%	39.92%	17.02%	-2.84%
IYE	Dow Jones US Energy	Specialty-Natural Res.	16	-2.52%	-0.23%	14.32%	52.62%	9.50%	-28.87%
XLE	Energy Select Sector *	Energy Equities	16	-1.51%	-0.40%	14.35%	49.92%	8.79%	-27.99%
VDE	Vanguard Energy VIPERS	Energy Equities	16	-2.39%	-1.40%	13.17%	53.39%	8.62%	-26.96%
FXN	1st Trust Energy AlphaDEX	Energy Equities	14	-4.39%	-4.09%	11.63%	53.91%	10.21%	-32.95%
XLK	Technology Select *	Technology Equities	14	3.71%	10.84%	8.55%	31.86%	14.43%	-1.08%
IYW	Dow Jones US Technology	Technology Equities	13	1.56%	8.44%	6.10%	34.36%	13.50%	-1.86%
IXC	S&P Global Energy	Energy Equities	12	-1.97%	-2.92%	11.59%	39.34%	7.83%	-28.15%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	12	1.83%	8.60%	5.99%	29.78%	12.06%	-1.44%
SPYG	S&P 500 Growth	Large Cap Growth	12	1.85%	8.60%	6.02%	29.72%	12.07%	-1.43%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	12	0.23%	9.35%	10.18%	26.61%	11.75%	-3.71%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	12	1.52%	3.50%	4.69%	38.13%	10.11%	-1.24%
RWR	Wilshire REIT Fund	Real Estate	12	0.51%	4.84%	6.05%	35.24%	9.53%	-1.40%
IVW	S&P 500/BARRA Growth	Large Growth	12	1.88%	8.64%	5.99%	29.71%	12.09%	-1.39%
VGT	Vanguard Info Technology	Technolgy Equities	11	1.94%	8.58%	6.63%	27.96%	12.41%	-1.30%
ICF	Cohen & Steers Realty	Real Estate	11	1.60%	5.67%	3.62%	33.46%	9.05%	-42.91%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	11	1.54%	8.26%	5.86%	28.95%	11.55%	-1.52%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	10	2.82%	9.35%	3.06%	25.62%	6.04%	-0.71%
SCHH	Schwab U.S. REIT	Real Estate	10	0.30%	4.14%	3.19%	31.05%	7.53%	-1.37%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	1.67%	7.23%	4.46%	27.18%	10.68%	-1.79%
KRE	SPDR S&P Region.Banking	Specialty-Financial	10	-6.04%	-0.21%	10.34%	35.42%	3.31%	-6.76%
IGE	iShares North American Natural Resources	Commodity Producers	9	-3.60%	-1.91%	8.71%	34.56%	5.16%	-17.61%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	9	-4.63%	-0.89%	5.40%	36.86%	3.71%	-6.05%
IVV	S&P 500	Large Blend	9	0.54%	5.40%	4.27%	24.74%	7.63%	-0.71%
IYR	Dow Jones US Real Estate	Real Estate	9	0.84%	3.47%	2.88%	29.49%	7.39%	-1.27%
IWF	Russell 1000 Growth	Large Growth	9	0.79%	6.84%	4.32%	25.36%	10.22%	-2.19%
VUG	Vanguard Growth	Large Cap Growth	9	0.83%	6.36%	3.99%	25.69%	9.96%	-2.23%
SPY	SPDR S&P 500	Large Cap Blend	9	0.56%	5.39%	4.29%	24.73%	7.64%	-0.72%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	9	0.55%	5.41%	4.29%	24.75%	7.60%	-0.72%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	9	0.21%	6.13%	4.02%	26.47%	10.04%	-2.64%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	9	-2.45%	6.59%	3.34%	28.90%	11.51%	-4.95%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	9	-1.12%	6.67%	5.73%	23.61%	7.40%	-4.36%
VNQ	Vanguard REIT Index	Real Estate	9	0.61%	3.72%	2.85%	30.01%	7.20%	-1.45%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	9	0.80%	7.39%	4.08%	25.50%	10.20%	-2.54%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	8	0.11%	4.79%	4.12%	24.15%	7.38%	-1.08%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	8	-0.57%	4.98%	3.16%	23.13%	6.80%	-2.05%

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PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	8	-1.17%	2.64%	3.73%	26.19%	4.16%	-1.68%
IYT	Dow Jones Transportation	Transportation Equities	8	-2.48%	5.18%	8.59%	22.43%	3.31%	-3.34%
IYF	Dow Jones US Financial Sector	Specialty-Financial	8	-2.78%	0.50%	3.64%	29.55%	4.61%	-39.69%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	8	-3.46%	1.41%	4.57%	27.73%	2.73%	-3.84%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	8	0.10%	5.16%	3.53%	23.08%	7.33%	-1.20%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	-4.18%	-1.22%	2.86%	34.25%	2.80%	-5.31%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	8	-1.21%	2.57%	3.44%	26.25%	4.02%	-1.72%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	8	0.41%	2.93%	4.96%	21.93%	5.66%	-14.29%
KBE	SPDR S&P Bank	Specialty-Financial	8	-5.55%	-1.30%	7.86%	30.22%	2.34%	-5.93%
VV	Vanguard LargeCap	Large Cap Blend	8	-0.06%	4.56%	3.58%	23.46%	6.98%	-1.34%
XRT	SPDR S&P Retail *	Consumer Discretionar	8	-9.06%	0.74%	-1.93%	43.70%	-2.08%	-11.26%
XLF	Financial Select Sector *	Financial Equities	8	-2.62%	0.21%	3.34%	32.33%	4.20%	-3.96%
VFH	Vanguard Financials	Financials Equities	8	-3.34%	0.23%	3.69%	32.66%	4.36%	-4.27%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	7	-0.09%	2.98%	2.59%	23.75%	5.51%	-1.08%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	7	-3.93%	5.53%	2.95%	24.12%	4.03%	-7.67%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	-0.70%	3.83%	2.92%	22.68%	6.20%	-1.97%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	7	0.58%	5.24%	4.79%	18.62%	6.34%	-0.53%
FV	First Trust VL Dividend	Large Cap Value Equiti	7	-2.82%	3.86%	3.31%	21.74%	4.48%	-4.37%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	-5.85%	-0.20%	4.54%	27.78%	0.29%	-40.03%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	7	-2.92%	0.65%	3.74%	25.02%	2.54%	-57.11%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	-1.19%	3.40%	2.67%	21.91%	5.58%	-2.34%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	7	-3.39%	1.31%	3.87%	26.14%	2.15%	-37.09%
RSP	Guggenheim S&P Equal Weight	Large Blend	7	-1.34%	2.28%	2.78%	24.44%	4.45%	-2.12%
XLB	Materials Select Sector *	Materials	7	-1.87%	4.60%	5.68%	21.23%	4.69%	-2.60%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	7	-1.65%	2.47%	2.11%	23.23%	4.67%	-2.68%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	7	0.15%	4.37%	3.68%	19.94%	4.61%	-0.89%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	-0.93%	3.68%	2.92%	22.20%	5.86%	-2.06%
VAW	Vanguard Materials VIPERS	Materials	7	-2.42%	4.19%	5.29%	21.52%	3.99%	-3.30%
IWB	Russell 1000 Index	Large Blend	7	-0.34%	4.17%	3.23%	22.74%	6.45%	-1.56%
IWV	Russell 3000 Index	All Cap Equities	7	-0.80%	3.76%	3.02%	22.19%	5.95%	-1.95%
IWS	Russell MidCap Value	Mid-Cap Value	7	-1.71%	1.41%	2.98%	23.50%	3.35%	-2.44%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	7	0.28%	4.43%	4.20%	20.55%	5.41%	-0.48%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	7	-1.50%	1.60%	3.07%	24.08%	3.57%	-2.04%
VTI	Total Stock Market VIPERS	All Cap Equities	7	-0.86%	3.72%	3.04%	22.23%	5.94%	-2.01%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	7	-3.24%	-0.14%	2.88%	29.25%	3.27%	-4.73%
DBC	PowerShares DB Commodity Index	Commodities	7	-5.90%	-6.51%	2.13%	36.73%	5.07%	-7.97%
RPV	Guggenheim S&P 500 Pure Value	Large Value	7	-3.19%	0.32%	3.81%	28.85%	2.02%	-3.44%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	6	-1.18%	2.42%	2.21%	21.87%	1.28%	-2.58%
PKW	PowerShares Buyback Achievers	All Cap Equities	6	-3.99%	-0.23%	1.11%	27.41%	2.60%	-4.76%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	6	0.72%	5.32%	0.93%	18.22%	5.23%	-2.00%
IYC	iShares US Consumer Services	Consumer Discretionar	6	-1.99%	4.18%	4.36%	17.84%	5.33%	-70.01%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	6	-1.25%	2.10%	2.18%	19.47%	3.06%	-1.90%
XLI	Industrial Select Sector *	Industrial Equities	6	-1.07%	2.95%	3.46%	18.49%	2.28%	-2.05%
VIS	Vanguard Industrials	industrials Equities	6	-2.04%	2.81%	3.92%	18.41%	2.27%	-2.99%

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SDY	SPDR Dividend ETF	Large Value	6	-0.39%	3.10%	4.07%	18.78%	2.45%	-1.29%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	-0.30%	3.35%	4.75%	17.25%	3.78%	-1.40%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	6	1.59%	3.86%	3.07%	15.88%	5.24%	-0.06%
VYM	Vanguard High Div. Yield Index	Large Cap Value	6	-0.95%	2.57%	3.55%	19.44%	3.30%	-1.27%
DVY	iShares Select Dividend Index	Large Cap Value	6	-1.36%	0.24%	1.66%	23.84%	1.02%	-3.21%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	6	-0.38%	2.57%	2.85%	17.11%	3.37%	-1.70%
VTV	Vanguard Value	Large Cap Value	6	-1.21%	2.33%	3.03%	20.36%	3.18%	-1.53%
VBR	Vanguard SmallCap Value	Small Cap Value	6	-4.48%	0.11%	3.11%	24.08%	1.63%	-4.99%
EWL	iShares Switzerland Index	Europe Stock	6	0.43%	5.27%	3.53%	14.08%	4.95%	-0.66%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	5	-2.54%	5.10%	2.78%	16.49%	3.01%	-3.24%
IDU	Dow Jones US Utilities	Utilities Equities	5	2.47%	4.08%	2.58%	9.74%	4.15%	-51.90%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	5	-2.91%	1.24%	0.48%	19.94%	2.89%	-3.93%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	-2.66%	1.36%	1.84%	21.01%	4.55%	-4.21%
IJH	S&P MidCap 400	Mid-Cap Blend	5	-3.87%	1.31%	2.84%	20.69%	2.17%	-4.53%
IJR	S&P Sm.Cap 600	Small Blend	5	-5.46%	0.60%	3.40%	23.18%	1.18%	-5.92%
VPU	Vanguard Utilities VIPERS	Utilities Equities	5	2.83%	4.50%	2.60%	9.62%	4.17%	-3.64%
MDY	MidCap Trust Series I	Mid-Cap Blend	5	-3.89%	1.25%	2.89%	20.67%	2.19%	-4.58%
IVE	S&P 500/BARRA Value	Large Value	5	-1.03%	1.67%	2.14%	19.00%	2.56%	-1.54%
KIE	SPDR S&P Insurance	Specialty-Financial	5	-2.23%	-1.26%	3.96%	18.88%	2.39%	-57.45%
IWD	Russell 1000 Value	Large Value	5	-1.54%	1.35%	2.12%	19.87%	2.53%	-1.94%
IWN	Russell 2000 Value	Small Value	5	-6.40%	-1.31%	2.19%	24.44%	-0.20%	-7.31%
IYM	Dow Jones US Basic Mat's	Materials	5	-3.93%	1.53%	4.38%	19.14%	2.27%	-4.66%
IYH	Dow Jones US Healthcare	Specialty-Health	5	-0.34%	3.60%	-0.47%	16.45%	3.96%	-3.37%
MOO	VanEck Vectors Agribusiness	Commodity Producers	5	-2.52%	-0.25%	0.66%	20.17%	1.53%	-3.30%
XLU	Utilities Select Sector *	Utilities Equities	5	3.13%	4.42%	1.99%	9.70%	4.18%	-3.10%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5	-5.09%	0.53%	3.89%	20.49%	0.10%	-62.48%
EWC	iShares Canada Index	Foreign Large Cap Equ	5	-3.52%	-1.65%	2.23%	23.44%	2.52%	-4.83%
ACWI	iShares MSCI ACWI	Global Equities	5	-1.19%	2.21%	1.22%	15.81%	3.45%	-2.02%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	-1.76%	2.20%	1.97%	19.59%	3.86%	-2.29%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	5	-1.71%	-1.63%	3.90%	18.68%	1.65%	-4.48%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5	0.26%	3.02%	1.80%	14.72%	4.59%	-0.73%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	2.37%	2.91%	2.21%	10.99%	2.61%	-2.36%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	5	-3.85%	1.68%	0.36%	21.32%	1.21%	-5.86%
GSG	iShares GSCI Commodity Index	Commodities.	5	-7.18%	-7.80%	-0.06%	33.17%	3.03%	-12.29%
SCHD	Schwab US Dividend Equity	All Cap Equities	5	-1.85%	1.04%	1.87%	20.77%	1.69%	-2.30%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	4	-2.26%	-1.36%	1.75%	16.97%	-1.02%	-6.01%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	4	-4.46%	-5.25%	0.13%	24.16%	2.09%	-6.90%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	4	-5.75%	-1.72%	0.79%	20.88%	3.80%	-5.75%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	4	-1.55%	1.52%	0.14%	16.44%	2.94%	-2.34%
EWQ	iShares France Index	Europe Stock	4	-2.48%	0.99%	0.99%	16.96%	2.28%	-3.83%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	4	-1.51%	1.64%	0.33%	16.07%	2.92%	-2.28%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4	-3.19%	0.12%	0.67%	19.04%	2.74%	-63.59%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	-0.73%	1.75%	2.10%	12.08%	1.32%	-1.44%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	4	3.46%	4.69%	7.33%	0.90%	3.43%	-12.89%

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HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	4	-3.11%	1.94%	-0.94%	18.76%	2.38%	-4.20%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4	-0.56%	3.70%	-0.08%	13.60%	3.79%	-29.42%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	4	-3.65%	1.22%	0.94%	17.93%	5.60%	-5.90%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	4	-4.95%	1.63%	2.27%	18.62%	2.24%	-35.22%
VT	Vanguard Total World Stock Index	Global Equities	4	-1.55%	1.77%	0.37%	15.08%	2.73%	-2.46%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	4	-0.42%	2.54%	-1.46%	14.85%	2.57%	-2.76%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	4	-2.05%	-2.37%	2.96%	19.45%	1.13%	-5.14%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4	-0.85%	1.28%	1.43%	14.90%	0.93%	-3.24%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	4	-1.18%	2.12%	3.10%	13.95%	1.76%	-3.07%
UUP	PowerShares DB US Dollar Bullish	Currency	3	1.02%	2.22%	3.45%	6.39%	3.59%	-8.19%
IYJ	Dow Jones US Industrial	Industrial Equities	3	-1.43%	0.20%	-0.28%	14.20%	0.05%	-42.54%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	3	0.20%	2.17%	1.91%	9.19%	3.54%	-0.27%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3	-0.41%	2.63%	1.70%	8.75%	2.84%	-0.93%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	3	-1.41%	0.44%	-0.08%	14.14%	0.43%	-2.32%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	3	-0.42%	1.82%	0.09%	9.65%	2.45%	-1.62%
JXI	iShares S&P Global Utilities	Utilities Equities	3	1.98%	3.56%	1.11%	4.59%	2.00%	-2.77%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	3	-0.71%	-0.29%	-3.64%	15.33%	1.70%	-3.73%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	3	-1.30%	-0.80%	-0.35%	15.22%	-1.26%	-6.09%
VHT	Vanguard Health Care	Health & Biotech Equiti	3	-1.29%	2.74%	-1.41%	13.65%	2.67%	-4.35%
EWU	iShares United Kingdom Index	Europe Stock	3	-1.55%	-1.34%	0.36%	12.73%	0.32%	-12.83%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	3	-2.74%	-1.36%	0.27%	17.00%	-1.05%	-6.16%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	3	-4.39%	1.29%	1.53%	15.15%	2.07%	-67.64%
XME	SPDR S&P Metals & Mining	Commodity Producers	3	-9.79%	-3.92%	-2.37%	26.82%	-1.88%	-11.20%
XLP	Consumer Staples Select *	Consumer Staples	3	0.16%	2.79%	1.69%	8.17%	3.33%	-0.31%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	3	0.27%	2.33%	1.22%	6.31%	0.69%	-3.56%
DJP	Bloomberg Commodity Index	Commodities	2	-7.73%	-9.15%	-3.01%	26.44%	1.48%	-10.48%
EWD	iShares Sweden Index	Europe Stock	2	-4.50%	-1.32%	-3.62%	16.26%	-2.03%	-6.32%
IEV	S&P Europe 350 Index	Europe Stock	2	-2.95%	-0.43%	-1.74%	11.75%	-0.18%	-3.96%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	2	-2.94%	0.40%	-1.36%	11.63%	-0.58%	-4.09%
INDA	iShares MSCI India	Emerging Markets Equi	2	-3.67%	-4.13%	-3.22%	20.16%	5.64%	-4.82%
PIN	PowerShares India Portfolio	Emerging Markets Equi	2	-3.58%	-4.17%	-4.20%	20.77%	5.27%	-46.90%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	2	-4.22%	-0.52%	-0.83%	12.18%	3.07%	-6.62%
VB	Vanguard SmallCap	Small Cap Blend	2	-5.77%	-1.59%	-0.27%	14.74%	-0.05%	-6.68%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	2	-4.82%	-1.15%	-0.30%	15.59%	0.52%	-5.49%
EWI	iShares Italy Index	Europe Stock	1	-4.22%	-1.16%	-0.67%	10.19%	-0.50%	-5.89%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	1	-4.27%	-5.66%	-3.57%	18.92%	4.52%	-5.98%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	1	-1.69%	-0.16%	-4.48%	9.48%	0.95%	-4.53%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	1	-2.02%	1.15%	5.60%	-0.80%	6.92%	-19.68%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	1	-5.33%	2.02%	-0.16%	6.80%	3.40%	-7.15%
VGK	Vanguard European	Europe Equities	1	-3.27%	-0.86%	-2.94%	11.40%	-0.76%	-4.94%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1	-1.98%	1.54%	-2.96%	8.81%	1.60%	-3.63%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	1	-2.42%	-1.60%	-2.50%	11.31%	-1.56%	-6.23%
EWW	iShares Mexico Index	Latin America Stock	1	-1.50%	-2.08%	-5.67%	11.51%	0.35%	-16.80%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	1	-1.63%	-0.15%	-4.34%	11.12%	1.65%	-4.50%

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	1	-7.30%	-2.38%	-1.17%	13.33%	-1.76%	-8.43%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	1	-1.68%	0.97%	-5.35%	9.86%	0.53%	-7.57%
PZA	Pshares Insured National Munis	National Munis	0	0.15%	0.71%	-0.40%	-0.18%	-0.14%	-1.67%
EWN	iShares Netherlands Index	Europe Stock	0	-6.40%	-3.29%	-8.20%	18.89%	-1.20%	-8.61%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	0	-2.52%	-0.53%	-3.27%	8.14%	-0.72%	-3.93%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	-4.15%	1.80%	-0.01%	4.25%	0.21%	-5.75%
EZU	European Monetary Union Index	Europe Stock	0	-4.43%	-1.72%	-3.94%	10.14%	-1.84%	-5.78%
FEZ	SPDR Euro Stoxx 50	Europe Stock	0	-4.98%	-1.54%	-3.69%	10.23%	-2.20%	-6.81%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	0	-2.69%	-0.90%	-3.71%	8.21%	-1.02%	-4.40%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.44%	0.33%	-1.18%	1.98%	-0.13%	-1.31%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	0	1.54%	4.76%	0.66%	-5.30%	6.75%	-18.53%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	0	-2.43%	-0.78%	-3.53%	8.16%	-1.06%	-4.44%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
IWM	Russell 2000	Small Blend	0	-7.83%	-2.37%	-0.75%	12.48%	-2.01%	-9.09%
VXUS	Vanguard Total International Stock	Global Equities	0	-2.73%	-1.16%	-3.30%	6.17%	-1.81%	-5.38%
ACWX	iShares MSCI ACWI ex US	Global Equities	0	-2.83%	-1.13%	-2.56%	5.58%	-1.67%	-5.31%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.26%	-0.28%	-0.24%	-0.14%	-0.25%	-0.86%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	0	-0.68%	-2.68%	-3.33%	6.00%	-2.62%	-13.27%
EWK	iShares Belgium Index	Europe Stock	0	-4.56%	-1.35%	-2.08%	7.80%	-2.90%	-8.88%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	0	-3.54%	-2.05%	-4.34%	9.90%	-1.56%	-5.72%
RWX	SPDR DJ Wil Intern. RE	Real Estate	0	-1.56%	-0.66%	-3.79%	5.63%	-1.90%	-16.47%
IWP	Russell MidCap Growth	Mid-Cap Growth	0	-5.70%	-2.12%	-3.27%	11.06%	1.73%	-7.53%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	0	-2.67%	-1.03%	-3.31%	5.50%	-1.89%	-5.68%
IXUS	iShares Core MSCI Total International Stock	Global Equities	0	-3.05%	-1.37%	-3.05%	6.41%	-1.73%	-5.34%
BNDX	Vanguard Total International Bond	Total Bond Market	0	0.69%	0.61%	-0.16%	-2.12%	0.16%	-3.23%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.08%	-0.13%	-0.17%	-0.35%	-0.18%	-0.65%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0	-1.48%	-0.37%	-0.73%	1.10%	0.29%	-1.77%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0	-1.57%	-1.37%	-3.56%	4.62%	-2.94%	-10.86%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	-1.42%	-0.14%	-0.37%	0.74%	0.39%	-1.73%
MUB	iShares S&P National Muni Bond	National Munis	0	0.05%	0.25%	-0.53%	-0.83%	-0.40%	-1.45%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	0.16%	-0.69%	-1.73%	-3.56%	-1.13%	-4.77%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.23%	-0.57%	-0.81%	-1.01%	-0.74%	-1.49%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.31%	-0.88%	-1.35%	-2.17%	-1.11%	-2.17%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.37%	-1.07%	-1.57%	-2.32%	-1.36%	-2.32%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	-0.59%	-1.03%	-1.57%	-0.68%	-1.21%	-6.04%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.22%	-0.57%	-0.80%	-1.09%	-0.74%	-1.74%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-1	-0.93%	-1.27%	-2.27%	0.40%	-0.99%	-2.31%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-1	2.68%	1.57%	-3.42%	-6.15%	-7.02%	-16.07%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-1	-0.70%	-1.06%	-1.46%	0.45%	-1.00%	-3.80%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	-0.12%	-0.57%	-1.53%	-3.38%	-0.67%	-4.54%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-1	1.28%	3.33%	-0.55%	-6.80%	4.89%	-20.42%
BAB	PowerShares Build America Bond Portfolio	National Munis	-1	0.21%	-0.09%	-1.43%	-1.28%	0.27%	-4.53%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	-0.77%	-0.77%	-0.95%	-1.26%	-0.63%	-6.06%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	-0.15%	-0.53%	-1.54%	-3.57%	-0.65%	-4.96%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	0.16%	-0.70%	-1.73%	-3.63%	-1.17%	-5.58%
EWA	iShares Australia Index	Asia Pacific Equities	-1	-2.48%	-3.23%	-2.78%	5.22%	-2.71%	-7.96%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-1	-3.07%	-2.68%	-3.54%	6.93%	-3.04%	-15.28%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.27%	-0.88%	-1.38%	-2.29%	-1.26%	-2.76%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-1	-1.72%	-3.04%	-0.75%	1.14%	-5.27%	-34.72%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1	0.84%	2.29%	-0.45%	-5.40%	3.49%	-13.03%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-1	-4.61%	-2.87%	-5.92%	10.69%	-3.83%	-9.67%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.18%	-0.52%	-0.78%	-0.97%	-0.70%	-2.15%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	0.19%	-0.11%	-1.23%	-2.79%	-0.19%	-6.43%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-1	-5.32%	-1.58%	-2.95%	7.28%	-3.94%	-7.90%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	0.77%	0.09%	-1.34%	-3.91%	-0.05%	-6.34%
IGV	iShares North American Tech-Software	Technology Equities	-1	-8.12%	-5.25%	-4.62%	13.09%	2.07%	-10.32%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-0.45%	-1.08%	-1.91%	-1.00%	-0.97%	-2.85%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-1	-2.06%	-1.03%	-3.52%	4.07%	-2.33%	-13.23%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-1	-4.34%	-4.96%	-0.46%	7.75%	-4.08%	-57.44%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	-0.19%	-0.81%	-1.63%	-3.20%	-1.26%	-3.78%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-1	-0.58%	-0.94%	-1.37%	0.11%	-0.79%	-3.53%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-1	-0.67%	-0.97%	-1.78%	-0.67%	-0.75%	-1.83%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	-2.48%	-1.81%	-4.56%	4.09%	-3.22%	-10.82%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-1	-0.62%	-1.13%	-2.05%	0.36%	-0.64%	-4.05%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	-1	-7.41%	-3.75%	-2.72%	10.89%	-1.83%	-8.69%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-1	-4.31%	-2.61%	-4.95%	6.66%	-2.77%	-5.95%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	-0.65%	-1.18%	-2.04%	-1.02%	-1.08%	-66.80%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	0.08%	-0.84%	-1.75%	-3.23%	-1.32%	-4.04%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-1	-1.48%	-1.98%	-4.39%	4.14%	-4.30%	-14.46%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2	2.26%	0.11%	2.60%	-11.04%	-0.82%	-49.20%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-2	-2.97%	-3.05%	-3.07%	2.24%	-4.49%	-9.32%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-2	-3.33%	-2.27%	-2.72%	-0.84%	-4.19%	-11.43%
EWH	iShares Hong Kong Index	China Equities	-2	-2.29%	-0.75%	-2.88%	-2.96%	-7.95%	-14.91%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-2	-3.85%	-2.92%	-6.84%	7.05%	-2.82%	-7.47%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-2	-2.73%	-6.32%	-1.88%	1.95%	-10.90%	-60.76%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-2	-1.00%	-2.31%	-3.02%	-3.15%	-2.04%	-4.46%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	-0.31%	-0.94%	-1.78%	-3.53%	-1.48%	-5.58%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	-1.13%	-0.62%	-6.30%	0.33%	-2.91%	-6.78%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-2	-0.20%	-1.16%	-2.33%	-3.99%	-1.20%	-4.02%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-2	-0.36%	-0.79%	-2.23%	-3.97%	-0.34%	-4.68%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-2	-0.19%	-0.84%	-1.93%	-3.25%	-1.03%	-3.31%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-2	-1.19%	-1.76%	-2.57%	-0.77%	-1.61%	-2.72%
BLV	Vanguard Long Term Bond	Long-Term Bond	-2	-0.03%	0.62%	-1.82%	-5.28%	1.46%	-11.64%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-2	0.20%	-0.73%	-1.99%	-4.52%	-1.06%	-6.06%
BBH	VanEck Vectors Biotech	Health & Biotech	-2	-0.48%	-4.00%	-13.28%	10.77%	-3.81%	-14.85%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-2	0.00%	-0.68%	-3.13%	-5.71%	-1.58%	-6.81%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	-0.56%	-0.20%	-2.31%	-4.15%	0.80%	-5.75%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-2	-3.65%	-2.17%	-2.92%	0.06%	-3.74%	-11.24%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2	0.76%	0.74%	-1.59%	-6.36%	1.61%	-13.48%
VOX	Vanguard Telecom Serv's	Communication Equitie	-2	-5.00%	-5.66%	-8.88%	12.02%	-4.31%	-10.63%
EZA	iShares South Africa Index	Emerging Markets Equi	-2	-4.50%	-6.26%	-1.31%	4.95%	-5.76%	-39.44%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-2	-0.18%	-0.59%	-1.59%	-3.69%	-0.81%	-5.20%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-2	-6.31%	-5.72%	-2.97%	5.07%	-3.77%	-19.94%
EWJ	iShares Japan Index	Japan Stock	-2	-1.09%	0.01%	-7.60%	1.14%	-0.95%	-7.81%
RWM	ProShares Short Russell2000	Inverse Equities	-2	7.73%	1.24%	-0.98%	-16.64%	-0.49%	-66.42%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-3	-1.39%	-2.78%	-3.39%	-3.64%	-2.46%	-5.22%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-3	-0.19%	-0.88%	-3.35%	-5.88%	-1.72%	-7.53%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-3	-7.51%	-3.74%	-4.41%	3.89%	-2.35%	-9.07%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-3	0.00%	-1.11%	-3.14%	-9.09%	-3.16%	-9.73%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-3	-6.54%	-5.75%	-7.76%	6.67%	-4.40%	-8.89%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-3	-3.51%	-2.49%	-3.00%	-3.15%	-5.01%	-13.66%
GLD	SPDR Gold Shares	Precious Metals	-3	-4.73%	-1.26%	1.13%	-7.00%	-1.24%	-14.45%
IYZ	Down Jones US Telecom	Commun. Equities	-3	-4.11%	-3.28%	-7.54%	3.51%	-5.41%	-14.40%
IAU	iShares Gold Trust	Precious Metals	-3	-4.77%	-1.29%	1.11%	-6.89%	-1.22%	-14.36%
IWO	Russell 2000 Growth	Small Growth	-3	-9.09%	-3.17%	-3.37%	1.87%	-3.57%	-13.24%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-3	-2.41%	-1.28%	-1.94%	-4.78%	-5.22%	-16.41%
FXY	CurrencyShares Japanese Yen Trust	Currency	-3	0.55%	0.11%	-3.37%	-9.48%	-2.71%	-14.38%
EWG	iShares Germany Index	Europe Stock	-3	-4.58%	-2.55%	-5.90%	2.36%	-5.38%	-10.86%
FXB	CurrencyShares British Pound	Currency	-3	-1.10%	-3.42%	-4.24%	-3.69%	-4.28%	-12.53%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-4	-5.93%	-4.64%	-4.33%	-2.71%	-5.77%	-13.89%
FXE	CurrencyShares Euro Currency Trust	Currency	-4	-1.44%	-2.78%	-4.27%	-8.45%	-4.74%	-12.80%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-4	-5.85%	-4.47%	-4.67%	0.63%	-2.84%	-9.64%
HDGE	Ranger Equity Bear	Inverse Equities	-4	3.25%	-1.63%	-1.04%	-18.25%	0.97%	-77.94%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-4	-1.05%	-1.49%	-4.67%	-8.60%	-3.19%	-14.83%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-4	-4.26%	-3.85%	-3.52%	-2.80%	-3.82%	-26.36%
RSX	Market Vectors Russia	Emerging Markets Equi	-4	-12.10%	-13.11%	-7.06%	16.69%	-2.15%	-15.48%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-6	-2.54%	-5.29%	-13.33%	-1.30%	-6.18%	-56.13%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-6	-2.27%	-5.19%	-9.51%	-6.93%	-5.95%	-15.42%
DOG	ProShares Short Dow 30	Bear Market	-6	-0.15%	-3.13%	-3.85%	-17.76%	-4.80%	-63.95%
FXI	iShares China 25 Index	China Equities	-7	-6.11%	-3.57%	-2.02%	-16.28%	-9.93%	-28.64%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-7	-11.05%	-6.04%	1.14%	-13.88%	-8.82%	-30.41%
ECH	iShares Chile Index	Latin America	-7	-8.35%	6.68%	-8.72%	-16.48%	-12.51%	-55.08%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8	-0.78%	-5.49%	-5.04%	-22.37%	-8.43%	-66.51%
EWSP	iShares Spain Index	Europe Stock	-8	-9.02%	-8.73%	-7.70%	-6.03%	-9.93%	-29.88%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-8	-11.59%	-6.61%	-0.78%	-14.83%	-9.39%	-31.10%
EWM	iShares Malaysia Index	Emerging Markets Equi	-8	-3.03%	-7.92%	-4.97%	-14.41%	-6.06%	-32.41%
ILF	iShares S&P 40 Latin America	Latin America Stock	-9	-3.28%	-5.86%	-10.53%	-14.58%	-11.74%	-36.53%
MCHI	iShares MSCI China	China Equities	-9	-6.72%	-5.42%	-3.32%	-18.61%	-12.40%	-32.19%
PSQ	ProShares Short QQQ	Inverse Equities	-9	-1.08%	-7.33%	-4.93%	-23.66%	-10.95%	-80.22%
SLV	iShares Silver Trust	Precious Metals	-10	-13.06%	-6.88%	-4.47%	-17.38%	-12.53%	-24.81%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-10	-13.10%	-7.82%	-5.95%	-15.04%	-11.08%	-21.03%
EWZ	iShares Brazil Index	Latin America Stock	-10	-3.15%	-6.16%	-11.01%	-17.80%	-13.37%	-37.06%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-10	-14.07%	-12.00%	-0.29%	-13.43%	-14.16%	-26.99%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-12	-14.92%	-7.41%	-0.24%	-24.91%	-11.37%	-36.41%
SIL	Global X Silver Miners	Commodity Producers	-12	-13.96%	-7.74%	-5.28%	-21.35%	-13.34%	-33.05%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-14	-11.91%	-4.70%	-12.57%	-25.74%	-12.55%	-58.23%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-15	-11.50%	-12.05%	-14.67%	-20.60%	-13.66%	-35.75%
UNG	U.S. Natural Gas Fund	Oil & Gas	-16	-27.69%	-36.87%	-32.97%	34.57%	-9.92%	-85.98%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-21	-0.94%	1.96%	-2.69%	-80.45%	-68.33%	-82.77%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-22	-25.46%	-14.61%	-10.22%	-39.70%	-26.84%	-55.64%