

# HV ETF Master List as of 12/30/2021

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	35	15.88%	12.94%	24.94%	86.26%	23.70%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	21	3.67%	12.13%	21.37%	47.26%	13.77%	-1.05%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	19	3.46%	6.53%	21.38%	43.46%	17.62%	-2.10%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	18	2.62%	7.03%	15.84%	47.55%	11.28%	-1.41%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	18	6.76%	7.60%	12.24%	44.17%	12.90%	0.00%
ICF	Cohen & Steers Realty	Real Estate	17	7.55%	7.44%	14.17%	40.74%	12.96%	-39.80%
SMH	VanEch Vectors Semiconductor	Technology Equities	17	1.71%	5.28%	20.44%	41.85%	16.30%	-2.13%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	17	0.84%	-4.24%	-1.02%	70.60%	9.78%	-21.95%
RWR	Wilshire REIT Fund	Real Estate	16	6.24%	5.68%	12.72%	40.66%	12.10%	0.00%
SCHH	Schwab U.S. REIT	Real Estate	16	7.17%	6.44%	12.83%	38.48%	11.85%	0.00%
XLK	Technology Select *	Technology Equities	15	4.04%	5.11%	14.55%	34.38%	14.24%	-1.09%
IYR	Dow Jones US Real Estate	Real Estate	15	6.62%	5.68%	11.23%	35.38%	10.59%	0.00%
VNQ	Vanguard REIT Index	Real Estate	15	6.99%	5.73%	11.47%	36.22%	10.65%	0.00%
IYW	Dow Jones US Technology	Technology Equities	13	3.11%	1.83%	11.82%	35.88%	12.44%	-1.26%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	13	11.51%	4.15%	13.46%	24.29%	8.91%	0.00%
SPYG	S&P 500 Growth	Large Cap Growth	12	3.35%	1.87%	11.67%	31.74%	11.66%	-0.87%
VGT	Vanguard Info Technology	Technolgy Equities	12	3.65%	3.11%	12.35%	30.15%	12.24%	-1.21%
DBC	PowerShares DB Commodity Index	Commodities	12	7.19%	-0.05%	-0.33%	42.04%	7.70%	-4.40%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	12	3.49%	1.92%	11.67%	31.88%	11.71%	-0.82%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	12	3.41%	1.67%	11.31%	31.01%	11.27%	-0.83%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	12	7.88%	6.94%	10.12%	21.70%	9.25%	-0.12%
IVW	S&P 500/BARRA Growth	Large Growth	12	3.45%	1.96%	11.77%	31.87%	11.80%	-0.77%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	12	8.73%	5.31%	10.90%	24.73%	9.58%	0.00%
GSG	iShares GSCI Commodity Index	Commodities.	11	7.68%	-0.92%	-1.26%	39.82%	6.96%	-7.91%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11	3.16%	0.96%	9.70%	28.74%	10.09%	-0.76%
IYE	Dow Jones US Energy	Specialty-Natural Res.	11	-1.05%	-4.60%	1.28%	48.52%	5.76%	-30.79%
IVV	S&P 500	Large Blend	11	4.12%	2.01%	8.61%	27.38%	8.49%	-0.28%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	11	4.09%	1.98%	8.56%	27.37%	8.44%	-0.28%
IYH	Dow Jones US Healthcare	Specialty-Health	11	8.26%	3.85%	9.07%	22.76%	8.31%	0.00%
VAW	Vanguard Materials VIPERS	Materials	11	5.43%	2.86%	9.84%	24.80%	5.99%	-0.69%
VDE	Vanguard Energy VIPERS	Energy Equities	11	-0.31%	-4.68%	-0.50%	49.21%	4.96%	-28.96%
XLE	Energy Select Sector *	Energy Equities	11	-0.40%	-3.74%	0.87%	46.07%	5.32%	-29.84%
XLB	Materials Select Sector *	Materials	11	5.51%	3.52%	10.51%	24.62%	6.70%	-0.35%
XME	SPDR S&P Metals & Mining	Commodity Producers	11	7.91%	0.09%	3.80%	33.01%	2.38%	-6.87%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	11	4.77%	2.75%	8.70%	26.97%	7.05%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	10	3.95%	2.27%	7.19%	26.36%	7.78%	-0.28%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	10	5.42%	4.20%	8.58%	21.22%	6.62%	-0.36%
IWF	Russell 1000 Growth	Large Growth	10	3.21%	0.77%	10.02%	27.37%	10.08%	-0.77%
RPV	Guggenheim S&P 500 Pure Value	Large Value	10	4.03%	-0.02%	3.11%	31.47%	3.71%	-1.48%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	10	0.79%	5.07%	8.17%	25.73%	5.22%	-0.63%
SPY	SPDR S&P 500	Large Cap Blend	10	4.10%	1.98%	8.55%	27.36%	8.48%	-0.28%

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FXN	1st Trust Energy AlphaDEX	Energy Equities	10	-1.41%	-6.52%	-1.73%	50.25%	6.55%	-34.54%
SCHD	Schwab US Dividend Equity	All Cap Equities	10	5.23%	2.93%	6.10%	25.83%	5.30%	-0.19%
RSP	Guggenheim S&P Equal Weight	Large Blend	10	4.76%	1.67%	6.05%	27.61%	6.17%	-0.16%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	10	8.77%	5.76%	8.90%	14.82%	8.03%	-0.17%
DVY	iShares Select Dividend Index	Large Cap Value	10	4.63%	2.70%	3.85%	27.29%	3.49%	-0.51%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	10	4.96%	2.76%	8.23%	22.63%	6.03%	-0.14%
EWL	iShares Switzerland Index	Europe Stock	10	6.65%	3.02%	11.39%	18.15%	7.48%	-0.43%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	10	4.99%	3.52%	7.99%	23.96%	7.34%	-0.22%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	10	4.69%	3.13%	8.89%	21.52%	7.73%	-0.31%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	10	4.40%	1.74%	5.91%	29.41%	5.80%	-0.22%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	10	4.24%	1.41%	5.56%	28.83%	5.51%	-0.20%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	10	2.68%	0.53%	10.30%	27.61%	10.19%	-0.90%
PKW	PowerShares Buyback Achievers	All Cap Equities	10	3.57%	-0.63%	3.81%	31.66%	5.06%	-1.58%
IYM	Dow Jones US Basic Mat's	Materials	10	6.93%	2.97%	8.88%	23.06%	5.02%	-1.53%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	10	6.57%	4.41%	8.14%	19.18%	6.00%	-0.13%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	10	4.22%	2.10%	8.76%	25.99%	8.41%	-0.27%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	5.62%	3.78%	6.48%	26.10%	4.49%	-0.16%
VHT	Vanguard Health Care	Health & Biotech Equiti	10	7.82%	2.55%	8.07%	19.57%	6.94%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10	3.12%	0.17%	9.35%	28.52%	9.89%	-1.06%
VUG	Vanguard Growth	Large Cap Growth	10	2.95%	0.47%	9.15%	27.29%	9.52%	-0.98%
VV	Vanguard LargeCap	Large Cap Blend	10	3.72%	1.11%	7.60%	25.74%	7.59%	-0.35%
IYT	Dow Jones Transportation	Transportation Equities	10	4.70%	-0.07%	9.19%	24.95%	4.92%	-1.35%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	10	3.50%	0.83%	8.80%	25.56%	7.53%	-0.27%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	9	4.29%	1.82%	5.91%	22.88%	5.26%	-0.20%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9	3.67%	1.03%	7.44%	25.59%	7.42%	-0.31%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	9	6.78%	4.39%	4.53%	20.22%	2.76%	-2.02%
SCHB	Schwab U.S. Broad Market	All Cap Equities	9	3.57%	0.37%	6.79%	24.59%	6.74%	-0.31%
SDY	SPDR Dividend ETF	Large Value	9	5.10%	2.94%	6.71%	21.63%	4.40%	-0.13%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	9	0.54%	-2.91%	8.40%	29.60%	10.03%	-4.43%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	9	6.85%	6.50%	7.94%	14.94%	5.58%	0.00%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	9	0.65%	-2.37%	11.70%	27.46%	10.87%	-3.07%
XLU	Utilities Select Sector *	Utilities Equities	9	6.89%	7.12%	9.32%	13.76%	7.18%	0.00%
XLP	Consumer Staples Select *	Consumer Staples	9	8.35%	5.52%	9.21%	13.55%	7.55%	-0.31%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	9	5.99%	4.20%	5.09%	18.86%	4.06%	0.00%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	9	3.33%	0.16%	3.74%	27.38%	3.97%	-56.30%
VYM	Vanguard High Div. Yield Index	Large Cap Value	9	4.36%	2.10%	5.66%	22.36%	5.13%	-0.17%
EWV	iShares Mexico Index	Latin America Stock	9	8.15%	3.41%	5.91%	17.89%	5.24%	-12.04%
VTV	Vanguard Value	Large Cap Value	9	4.85%	2.03%	5.87%	23.61%	5.20%	-0.13%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	9	6.57%	4.65%	5.96%	20.07%	4.94%	0.00%
VTI	Total Stock Market VIPERS	All Cap Equities	9	3.55%	0.32%	6.75%	24.44%	6.68%	-0.31%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	9	3.42%	0.69%	6.20%	25.67%	5.74%	-0.75%
VPU	Vanguard Utilities VIPERS	Utilities Equities	9	6.63%	6.85%	9.30%	13.53%	7.09%	-0.20%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	9	3.94%	1.68%	4.69%	26.19%	4.70%	-0.38%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	9	7.20%	2.43%	8.09%	18.34%	6.98%	-26.48%

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ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	9	3.52%	0.32%	6.77%	24.44%	6.66%	-0.30%
IWV	Russell 3000 Index	All Cap Equities	9	3.77%	0.55%	6.95%	24.58%	6.86%	-0.22%
IWS	Russell MidCap Value	Mid-Cap Value	9	4.25%	0.83%	4.98%	26.02%	4.81%	-0.46%
IWB	Russell 1000 Index	Large Blend	9	3.96%	1.04%	7.46%	25.29%	7.40%	-0.23%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	9	5.59%	3.62%	8.39%	19.33%	7.62%	-0.05%
IVE	S&P 500/BARRA Value	Large Value	9	5.15%	2.17%	5.08%	22.43%	4.89%	-0.04%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	3.67%	-0.66%	4.29%	28.18%	3.46%	-36.07%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	9	7.92%	4.79%	8.88%	14.19%	7.17%	-0.05%
IGE	iShares North American Natural Resources	Commodity Producers	9	1.99%	-2.25%	2.22%	34.56%	4.52%	-17.61%
IDU	Dow Jones US Utilities	Utilities Equities	9	6.11%	6.25%	9.05%	13.45%	6.88%	-50.28%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	8	5.42%	2.19%	2.94%	20.94%	2.24%	-2.82%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	8	3.89%	2.13%	3.59%	20.74%	3.06%	-2.82%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	8	7.13%	2.58%	5.85%	15.74%	4.99%	-2.63%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	1.11%	-3.34%	0.87%	35.09%	2.85%	-4.71%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	8	6.86%	4.43%	8.40%	11.43%	6.46%	-0.17%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	8	7.84%	5.89%	7.97%	11.31%	4.99%	-0.14%
IWD	Russell 1000 Value	Large Value	8	4.64%	1.20%	4.58%	22.85%	4.45%	-0.07%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	3.63%	-0.47%	5.92%	21.37%	3.79%	-2.09%
KRE	SPDR S&P Region.Banking	Specialty-Financial	8	-0.51%	-3.98%	0.67%	36.42%	4.04%	-6.07%
IYF	Dow Jones US Financial Sector	Specialty-Financial	8	0.91%	-2.47%	1.70%	29.98%	3.96%	-39.49%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	4.11%	0.63%	6.20%	21.93%	5.04%	-0.41%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	8	2.23%	-2.08%	2.85%	27.93%	2.47%	-3.69%
XLF	Financial Select Sector *	Financial Equities	8	1.19%	-2.20%	0.75%	32.70%	3.56%	-3.69%
VO	Vanguard Mid-Cap	Mid-Cap Blend	8	3.26%	-0.42%	5.21%	23.30%	5.58%	-2.39%
VFH	Vanguard Financials	Financials Equities	8	0.64%	-3.02%	0.84%	32.70%	3.53%	-4.24%
HDV	iShares Core High Dividend	Large Cap Value Equiti	7	5.15%	1.84%	4.56%	15.03%	3.64%	-0.12%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	7	3.27%	-1.29%	3.80%	21.20%	3.91%	-62.93%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	3.42%	-1.49%	4.92%	23.14%	3.87%	-2.63%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	7	4.67%	1.54%	2.10%	19.94%	1.28%	-3.81%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	2.86%	-2.10%	5.75%	20.43%	6.58%	-3.91%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	7	0.39%	-3.20%	8.28%	24.09%	6.76%	-3.98%
MOO	VanEck Vectors Agribusiness	Commodity Producers	7	4.22%	-1.48%	2.55%	22.28%	2.82%	-1.60%
IJH	S&P MidCap 400	Mid-Cap Blend	7	3.43%	-1.55%	4.85%	23.04%	3.77%	-2.67%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	7	0.96%	-3.03%	-0.48%	28.92%	2.25%	-4.97%
IJR	S&P Sm.Cap 600	Small Blend	7	2.64%	-2.66%	2.24%	24.76%	2.46%	-4.71%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	2.09%	-3.23%	0.59%	28.58%	1.05%	-39.65%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	7	3.86%	-1.47%	4.66%	21.64%	4.62%	-33.57%
VBR	Vanguard SmallCap Value	Small Cap Value	7	2.79%	-2.23%	2.60%	25.65%	2.60%	-3.79%
IXC	S&P Global Energy	Energy Equities	7	-1.12%	-4.82%	-1.93%	35.16%	3.99%	-30.31%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	7	3.83%	1.19%	6.38%	16.53%	3.31%	-1.34%
DJP	Bloomberg Commodity Index	Commodities	7	4.78%	-3.59%	-3.88%	31.23%	4.16%	-7.08%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	7	0.81%	2.32%	2.38%	22.80%	5.24%	-13.68%
XRT	SPDR S&P Retail *	Consumer Discretionar	7	-1.84%	-9.73%	-0.80%	41.26%	-3.62%	-12.77%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	3.46%	-0.27%	3.20%	23.50%	2.56%	-61.55%

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DIA	SPDR Dow Jones Industrial Average	Large Cap Value	7	5.04%	0.75%	4.73%	19.06%	4.41%	-0.21%
XLI	Industrial Select Sector *	Industrial Equities	7	2.97%	0.04%	4.36%	18.98%	2.19%	-1.64%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	3.31%	-2.46%	5.63%	17.95%	4.10%	-66.86%
JXI	iShares S&P Global Utilities	Utilities Equities	6	5.93%	4.37%	7.20%	7.37%	4.24%	-0.19%
VIS	Vanguard Industrials	industrials Equities	6	2.57%	-0.75%	4.23%	18.92%	2.26%	-2.58%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	2.66%	-1.84%	3.96%	21.19%	3.20%	-2.93%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	6	-1.69%	-5.27%	-2.53%	34.82%	1.61%	-7.45%
IYJ	Dow Jones US Industrial	Industrial Equities	6	4.63%	0.52%	2.21%	15.98%	1.21%	-41.64%
KBE	SPDR S&P Bank	Specialty-Financial	6	-0.46%	-4.30%	-0.49%	30.51%	2.56%	-5.72%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	6	3.09%	-0.63%	4.27%	17.08%	3.25%	-1.43%
ACWI	iShares MSCI ACWI	Global Equities	6	2.65%	-0.81%	4.32%	16.79%	3.59%	-1.19%
IWN	Russell 2000 Value	Small Value	6	2.36%	-4.20%	0.84%	25.93%	1.08%	-6.20%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	6	5.05%	-1.67%	3.64%	15.13%	-0.19%	-6.04%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	6	2.19%	0.02%	1.53%	19.81%	1.21%	-4.86%
VT	Vanguard Total World Stock Index	Global Equities	6	2.83%	-0.86%	4.33%	16.35%	3.20%	-1.38%
IYC	iShares US Consumer Services	Consumer Discretionar	6	2.12%	-2.66%	6.53%	19.43%	6.00%	-69.60%
FV	First Trust VL Dividend	Large Cap Value Equiti	6	1.07%	-2.96%	5.27%	21.42%	3.52%	-4.62%
EWC	iShares Canada Index	Foreign Large Cap Equ	6	1.95%	-3.04%	2.14%	24.03%	2.32%	-4.38%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	1.42%	-2.98%	3.08%	21.72%	1.40%	-5.55%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	6	5.51%	-0.15%	5.02%	14.03%	2.15%	-2.10%
KIE	SPDR S&P Insurance	Specialty-Financial	6	3.25%	-1.13%	1.84%	20.10%	2.91%	-57.02%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	5	3.60%	1.33%	4.50%	11.65%	3.64%	-0.03%
EWN	iShares Netherlands Index	Europe Stock	5	2.28%	-5.64%	0.78%	21.36%	0.31%	-6.71%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	2.04%	-1.67%	3.14%	16.28%	2.23%	-2.48%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	5	3.28%	-2.50%	2.64%	18.07%	2.31%	-3.47%
IEV	S&P Europe 350 Index	Europe Stock	5	3.46%	-2.09%	3.25%	13.46%	0.93%	-2.49%
EWQ	iShares France Index	Europe Stock	5	2.10%	-3.22%	3.11%	16.69%	1.41%	-4.05%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	4	2.25%	-2.79%	2.60%	12.18%	-0.38%	-3.62%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	4	2.24%	-2.66%	1.08%	14.77%	1.03%	-4.19%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	4	-0.14%	-4.56%	0.09%	21.87%	3.55%	-4.98%
VGK	Vanguard European	Europe Equities	4	3.54%	-2.23%	3.30%	13.28%	0.50%	-3.34%
VB	Vanguard SmallCap	Small Cap Blend	4	2.53%	-4.27%	1.25%	16.27%	1.11%	-5.44%
EWU	iShares United Kingdom Index	Europe Stock	4	2.03%	-0.75%	1.53%	13.14%	0.45%	-12.51%
EWD	iShares Sweden Index	Europe Stock	4	2.29%	-4.78%	3.04%	16.63%	-1.78%	-6.01%
IYZ	Down Jones US Telecom	Commun. Equities	4	6.36%	1.35%	0.39%	9.63%	0.19%	-9.33%
FEZ	SPDR Euro Stoxx 50	Europe Stock	3	2.87%	-4.28%	1.79%	11.63%	-1.21%	-5.63%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	3	-1.93%	-8.41%	2.77%	20.52%	1.01%	-10.35%
EWI	iShares Italy Index	Europe Stock	3	3.15%	-3.87%	2.09%	11.24%	0.27%	-4.99%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	3	2.82%	-2.73%	4.14%	9.33%	1.50%	-3.18%
EZU	European Monetary Union Index	Europe Stock	3	2.40%	-4.41%	1.22%	11.16%	-1.21%	-4.91%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	3	3.35%	0.13%	1.37%	5.80%	-2.53%	-13.10%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	2.14%	-2.82%	0.04%	11.38%	-1.55%	-6.17%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	3.07%	-2.38%	2.52%	10.13%	1.53%	-3.96%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	3	1.94%	-5.65%	0.29%	15.20%	0.00%	-6.91%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IWP	Russell MidCap Growth	Mid-Cap Growth	3	1.73%	-5.03%	1.63%	12.68%	2.40%	-6.17%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	2	1.46%	-3.87%	0.11%	9.83%	-1.77%	-5.77%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	1.79%	-3.75%	0.78%	8.08%	-1.27%	-4.51%
VOX	Vanguard Telecom Serv's	Communication Equitie	2	4.07%	-4.13%	-4.54%	14.13%	-2.66%	-8.94%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	2	0.20%	-5.67%	4.73%	7.84%	3.70%	-6.25%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	2	0.07%	-5.52%	1.70%	13.06%	2.95%	-5.88%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	2	1.64%	-3.63%	1.31%	10.34%	0.82%	-5.17%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	1.90%	-3.28%	1.13%	8.20%	-1.19%	-4.40%
EWK	iShares Belgium Index	Europe Stock	2	1.67%	-4.69%	1.71%	8.87%	-2.07%	-7.97%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	2	3.12%	1.25%	4.49%	-1.04%	5.96%	-19.88%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	1.81%	-3.62%	0.97%	7.94%	-1.06%	-4.12%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	2	2.86%	-1.17%	1.36%	6.32%	-1.41%	-9.42%
BBH	VanEck Vectors Biotech	Health & Biotech	2	0.24%	-4.06%	-1.72%	12.16%	-3.17%	-13.78%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	2.13%	-0.18%	2.18%	2.13%	0.95%	-2.36%
UUP	PowerShares DB US Dollar Bullish	Currency	2	-0.16%	1.74%	1.78%	6.19%	3.08%	-8.37%
IWM	Russell 2000	Small Blend	2	1.70%	-6.55%	-0.15%	13.70%	-0.67%	-8.09%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	1	0.91%	0.98%	-2.96%	5.27%	-3.18%	-13.86%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	1	0.81%	-7.19%	-1.58%	11.34%	-1.45%	-8.32%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	1	-2.41%	-6.83%	-7.20%	19.30%	-2.49%	-10.55%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	-0.07%	0.11%	1.26%	1.34%	0.82%	-1.15%
GLD	SPDR Gold Shares	Precious Metals	1	2.76%	1.28%	3.44%	-4.80%	0.85%	-12.42%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	1	1.39%	-3.64%	-1.56%	6.69%	-3.04%	-15.46%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	1	3.65%	-2.41%	-4.77%	8.45%	-3.24%	-57.16%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1	1.56%	-5.38%	-1.08%	6.99%	-2.81%	-7.52%
SCHF	Schwab International Equity	Foreign Large Cap Equ	1	1.12%	-3.83%	0.49%	8.11%	-1.55%	-4.68%
VXUS	Vanguard Total International Stock	Global Equities	1	1.32%	-3.16%	0.24%	5.82%	-2.14%	-5.69%
IAU	iShares Gold Trust	Precious Metals	1	2.76%	1.38%	3.50%	-4.66%	0.90%	-12.30%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	1	1.06%	-5.85%	-1.40%	8.58%	-2.69%	-7.26%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	1	5.59%	2.13%	6.17%	-10.03%	-4.17%	-27.29%
IXUS	iShares Core MSCI Total International Stock	Global Equities	1	0.80%	-3.87%	-0.39%	5.63%	-2.41%	-6.04%
ACWX	iShares MSCI ACWI ex US	Global Equities	1	1.07%	-3.45%	0.02%	5.00%	-2.16%	-5.83%
EZA	iShares South Africa Index	Emerging Markets Equi	1	2.84%	-2.23%	-1.84%	7.21%	-3.25%	-38.14%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	1	1.35%	-2.99%	0.28%	5.19%	-2.16%	-5.96%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	1	4.50%	0.37%	0.92%	-0.65%	-0.97%	-24.73%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	1	1.38%	1.64%	2.60%	-2.47%	-0.11%	-15.80%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	1	2.04%	-3.33%	0.57%	4.78%	-2.59%	-10.22%
VBK	Vanguard SmallCap Growth	Small Cap Growth	0	2.28%	-6.93%	-0.51%	5.55%	-0.77%	-7.61%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	0	-0.27%	-0.16%	0.82%	1.47%	0.48%	-1.41%
IGV	iShares North American Tech-Software	Technology Equities	0	-0.67%	-9.28%	-1.41%	13.34%	1.14%	-10.12%
MUB	iShares S&P National Muni Bond	National Munis	0	0.07%	0.32%	0.47%	-0.71%	-0.32%	-1.33%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	1.16%	-0.26%	-0.10%	-0.38%	-0.45%	-66.59%
RWX	SPDR DJ Wil Intern. RE	Real Estate	0	0.31%	-3.95%	-0.28%	4.19%	-3.42%	-17.61%
EWG	iShares Germany Index	Europe Stock	0	2.31%	-5.04%	0.24%	3.18%	-4.48%	-10.14%
PZA	Pshares Insured National Munis	National Munis	0	0.04%	0.71%	0.93%	-0.04%	-0.09%	-1.53%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	1.20%	-0.16%	0.01%	-0.31%	-0.30%	-2.18%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	0.83%	-0.25%	-0.11%	0.51%	-0.41%	-3.15%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.59%	-0.70%	-0.51%	0.67%	-0.75%	-3.59%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	0.86%	-0.99%	-0.99%	-0.27%	-1.11%	-2.23%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	0	1.22%	-1.25%	0.61%	-1.97%	-0.81%	-3.30%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.05%	-0.13%	-0.20%	-0.42%	-0.23%	-0.71%
FXB	CurrencyShares British Pound	Currency	0	1.43%	-0.12%	-0.97%	-1.71%	-1.99%	-10.72%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	0.83%	-0.51%	-0.31%	-0.21%	-0.33%	-1.37%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	0.67%	-0.59%	-0.51%	-0.40%	-0.85%	-5.77%
EWA	iShares Australia Index	Asia Pacific Equities	0	1.38%	-4.73%	-1.77%	4.38%	-3.42%	-8.69%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	0	4.38%	-2.98%	-0.50%	-2.90%	-1.84%	-11.75%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	0	1.40%	-1.16%	0.53%	-2.13%	-0.86%	-3.74%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	0.50%	-1.07%	-0.54%	0.54%	-0.88%	-2.17%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	0.68%	-0.36%	-0.54%	-1.03%	-0.35%	-5.85%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	0	2.69%	-1.41%	-4.58%	1.71%	-3.76%	-34.36%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.02%	-0.16%	-0.16%	-0.04%	-0.13%	-0.76%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-1	-0.30%	-2.52%	-2.00%	-1.04%	-4.36%	-12.21%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-1	0.80%	-0.27%	0.26%	-5.42%	-1.26%	-6.52%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-1	5.47%	-2.97%	-9.01%	3.29%	-7.81%	-60.24%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-1	-5.59%	-7.04%	-7.43%	14.86%	-0.57%	-49.50%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	0.65%	-0.72%	0.07%	-5.79%	-1.60%	-7.43%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.08%	-0.45%	-0.59%	-1.05%	-0.64%	-1.70%
BSV	Vanguard Short Term Bond	Total Bond Market	-1	-0.35%	-0.89%	-1.19%	-2.48%	-1.35%	-2.95%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-1	-0.46%	-0.64%	-0.76%	-3.39%	-1.17%	-3.45%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	-0.68%	-0.95%	-0.43%	-3.88%	-1.01%	-5.26%
BAB	PowerShares Build America Bond Portfolio	National Munis	-1	-1.14%	-0.60%	0.24%	-1.73%	-0.42%	-4.97%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	-0.43%	-0.57%	-0.23%	-3.44%	-0.77%	-4.61%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1	-3.04%	0.54%	3.51%	-6.23%	1.83%	-13.80%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-1	4.33%	0.09%	4.54%	-11.77%	-5.65%	-28.63%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	-0.32%	-0.84%	0.23%	-3.92%	-0.50%	-4.62%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	-0.11%	-0.59%	-0.78%	-3.14%	-1.13%	-3.72%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1	1.67%	-4.99%	-1.58%	1.50%	-3.47%	-54.89%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	-1.27%	-1.48%	-0.93%	0.59%	-1.52%	-2.65%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-1	-5.00%	1.00%	6.18%	-7.01%	3.61%	-20.00%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	-0.48%	0.04%	0.39%	-4.02%	-0.30%	-6.44%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	-0.79%	-0.34%	0.00%	-3.01%	-0.52%	-6.64%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	-0.25%	-0.62%	-0.90%	-3.21%	-1.22%	-4.02%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.39%	-0.70%	-0.90%	-1.25%	-0.91%	-2.42%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	-0.50%	-0.72%	-0.33%	-3.84%	-0.97%	-5.34%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	-0.25%	-0.46%	-0.62%	-3.52%	-1.05%	-4.73%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-1	-0.02%	-0.56%	-0.86%	-2.08%	-0.93%	-2.08%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-1	-0.02%	-0.84%	-1.12%	-2.33%	-1.28%	-2.33%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.11%	-0.47%	-0.63%	-0.96%	-0.63%	-1.44%

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VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	-1.22%	-1.18%	1.25%	-4.44%	0.01%	-6.04%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2	-1.82%	0.04%	1.61%	-7.00%	0.43%	-14.07%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-2	-0.42%	-1.25%	-1.22%	-4.38%	-1.63%	-4.40%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	-0.83%	-1.04%	-1.22%	-4.16%	-1.65%	-6.10%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-2	0.34%	-6.48%	-3.57%	0.28%	-3.03%	-9.96%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-2	-4.19%	0.72%	4.73%	-8.18%	2.37%	-21.60%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-2	-0.61%	-1.00%	-1.25%	-3.84%	-1.68%	-5.88%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-2	0.02%	-5.94%	-3.54%	0.23%	-5.98%	-11.10%
INDA	iShares MSCI India	Emerging Markets Equi	-2	-5.72%	-7.76%	-7.14%	13.82%	-0.48%	-9.85%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	0.01%	-4.51%	-2.12%	-1.82%	-4.65%	-8.78%
IWO	Russell 2000 Growth	Small Growth	-2	1.05%	-8.90%	-1.24%	2.67%	-2.36%	-12.56%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-2	-1.23%	-1.53%	-1.53%	-5.54%	-2.08%	-7.06%
EWJ	iShares Japan Index	Japan Stock	-2	-0.09%	-4.78%	-1.85%	-0.96%	-2.77%	-9.73%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-2	0.92%	-1.64%	-0.15%	-8.39%	-2.81%	-14.64%
BLV	Vanguard Long Term Bond	Long-Term Bond	-2	-2.21%	-0.86%	1.41%	-6.16%	0.02%	-12.46%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-3	-0.74%	-1.64%	-1.68%	-9.89%	-3.70%	-10.52%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-3	-1.07%	-3.71%	-3.04%	-4.99%	-6.15%	-15.30%
SLV	iShares Silver Trust	Precious Metals	-3	3.14%	-3.00%	2.11%	-13.15%	-7.11%	-20.96%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-3	-1.15%	-1.78%	-0.42%	-9.18%	-9.28%	-18.78%
EWP	iShares Spain Index	Europe Stock	-3	3.51%	-6.41%	-5.13%	-2.85%	-6.30%	-27.51%
FXE	CurrencyShares Euro Currency Trust	Currency	-3	0.09%	-2.21%	-2.28%	-8.30%	-4.16%	-12.66%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-3	-1.62%	-4.16%	-3.66%	-3.07%	-5.53%	-14.21%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-3	-1.54%	-4.04%	-3.44%	-3.22%	-5.95%	-13.56%
BNDX	Vanguard Total International Bond	Total Bond Market	-4	-3.70%	-3.19%	-2.80%	-5.79%	-3.54%	-6.86%
RWM	ProShares Short Russell2000	Inverse Equities	-4	-2.43%	5.57%	-1.47%	-17.98%	-1.99%	-66.96%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-4	-6.87%	-9.84%	-9.39%	11.43%	-2.39%	-11.90%
EWH	iShares Hong Kong Index	China Equities	-4	-0.85%	-4.40%	-4.04%	-5.60%	-9.51%	-17.22%
FXV	CurrencyShares Japanese Yen Trust	Currency	-4	-1.78%	-1.34%	-3.17%	-10.87%	-3.87%	-15.69%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-4	-1.34%	-3.63%	-2.66%	-7.21%	-6.80%	-18.54%
PPLT	ETFs Physical Platinum Shares	Precious Metals	-4	2.28%	-6.61%	-2.31%	-11.06%	-10.24%	-24.99%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-4	-2.90%	-6.63%	-4.07%	-0.68%	-6.71%	-17.19%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-3.89%	1.20%	-3.37%	-12.76%	-2.22%	-50.18%
SIL	Global X Silver Miners	Commodity Producers	-5	1.70%	-5.24%	2.15%	-19.93%	-10.86%	-31.83%
EWM	iShares Malaysia Index	Emerging Markets Equi	-5	1.76%	-2.77%	-4.23%	-13.47%	-4.00%	-31.67%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-5	2.34%	-4.00%	3.41%	-23.40%	-8.62%	-35.13%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-5	1.91%	-9.35%	-1.90%	-10.95%	-5.71%	-17.23%
HDGE	Ranger Equity Bear	Inverse Equities	-6	-3.07%	2.54%	-3.14%	-18.68%	0.45%	-78.06%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-6	-4.06%	-12.54%	-8.12%	-0.98%	-8.80%	-24.55%
RSX	Market Vectors Russia	Emerging Markets Equi	-8	-9.19%	-16.60%	-16.49%	9.65%	-8.33%	-20.58%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-8	5.87%	-7.46%	2.46%	-33.48%	-17.28%	-51.06%
DOG	ProShares Short Dow 30	Bear Market	-8	-5.08%	-1.56%	-5.47%	-19.36%	-5.81%	-64.66%
PSQ	ProShares Short QQQ	Inverse Equities	-10	-3.23%	-1.46%	-10.40%	-25.26%	-11.07%	-80.64%
ILF	iShares S&P 40 Latin America	Latin America Stock	-10	-4.39%	-5.70%	-10.88%	-19.90%	-16.37%	-40.48%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-10	-4.43%	-2.79%	-8.79%	-24.37%	-9.40%	-67.37%

<b>Ticker</b>	<b>ETF Name</b>	<b>Orientation</b>	<b>M-Index</b>	<b>4 wk</b>	<b>8 wk</b>	<b>12 wk</b>	<b>YTD</b>	<b>%M/A</b>	<b>DD%</b>
MCHI	iShares MSCI China	China Equities	-10	-2.77%	-8.17%	-8.00%	-22.01%	-14.30%	-35.02%
FXI	iShares China 25 Index	China Equities	-10	-3.57%	-7.62%	-6.52%	-20.33%	-12.69%	-32.09%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-11	-1.16%	-14.99%	-8.61%	-19.56%	-11.11%	-34.92%
EWZ	iShares Brazil Index	Latin America Stock	-12	-5.92%	-4.48%	-12.21%	-24.58%	-19.73%	-42.24%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-13	2.70%	-14.07%	-10.51%	-28.34%	-13.51%	-59.70%
ECH	iShares Chile Index	Latin America	-13	-7.32%	-14.10%	-7.55%	-23.77%	-17.96%	-59.00%
UNG	U.S. Natural Gas Fund	Oil & Gas	-15	-11.44%	-37.36%	-40.10%	29.57%	-14.54%	-86.50%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-17	6.38%	1.05%	5.08%	-79.76%	-63.59%	-82.17%