

HV ETF Master List as of 01/23/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	11	1.92%	15.39%	22.14%	3.48%	20.51%	-5.46%
IYW	Dow Jones US Technology	Technology Equities	11	6.64%	11.55%	17.69%	7.37%	19.24%	0.00%
XLK	Technology Select *	Technology Equities	10	6.49%	11.04%	17.00%	6.91%	19.12%	0.00%
VGT	Vanguard Info Technology	Technolgy Equities	10	6.46%	10.78%	16.98%	6.94%	18.45%	0.00%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	10	7.72%	9.31%	17.26%	7.40%	15.99%	-38.43%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	10	4.30%	12.95%	17.54%	5.10%	22.41%	0.00%
IGV	iShares North American Tech-Software	Technology Equities	10	7.25%	8.58%	17.21%	8.19%	13.89%	0.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	9	5.05%	9.50%	13.96%	5.77%	15.66%	0.00%
SMH	VanEch Vectors Semiconductor	Technology Equities	9	3.89%	11.58%	16.32%	4.85%	22.62%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	9	10.09%	7.62%	9.74%	10.34%	17.78%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9	5.34%	9.04%	13.60%	6.05%	14.58%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	8	4.65%	7.89%	12.78%	5.34%	13.83%	0.00%
IWF	Russell 1000 Growth	Large Growth	8	4.57%	7.87%	12.66%	5.24%	13.41%	0.00%
VUG	Vanguard Growth	Large Cap Growth	8	5.17%	8.57%	12.91%	5.85%	13.87%	0.00%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	7	6.79%	6.14%	7.05%	6.89%	13.06%	0.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	7	4.49%	7.59%	11.28%	5.15%	11.36%	0.00%
IWW	S&P 500/BARRA Growth	Large Growth	7	4.44%	7.26%	10.93%	5.06%	11.04%	0.00%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	4.55%	6.58%	10.22%	4.86%	10.12%	0.00%
VOX	Vanguard Telecom Serv's	Communication Equitie	7	4.07%	7.14%	10.56%	5.15%	10.55%	-5.19%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	7	4.31%	7.04%	10.69%	4.89%	10.82%	0.00%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	7	2.52%	5.99%	17.05%	2.91%	16.36%	-0.18%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	7	8.52%	7.27%	4.61%	6.88%	11.98%	-33.05%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	7	5.49%	6.98%	10.50%	5.79%	10.21%	0.00%
XLU	Utilities Select Sector *	Utilities Equities	7	6.22%	8.14%	6.12%	5.66%	10.00%	0.00%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	4.76%	6.50%	10.72%	4.99%	9.83%	0.00%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	7	3.83%	6.66%	11.21%	4.61%	9.95%	0.00%
PPLT	ETFS Physical Platinum Shares	Precious Metals	7	5.69%	11.85%	7.59%	4.05%	13.18%	-16.50%
SPYG	S&P 500 Growth	Large Cap Growth	7	4.44%	7.50%	11.20%	5.11%	11.30%	0.00%
VPU	Vanguard Utilities VIPERS	Utilities Equities	6	5.89%	7.62%	5.48%	5.24%	9.16%	0.00%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	6	2.86%	4.72%	13.50%	3.30%	12.07%	-0.57%
FV	First Trust VL Dividend	Large Cap Value Equiti	6	4.13%	6.87%	10.29%	4.60%	8.90%	0.00%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	6	2.93%	7.01%	10.65%	2.89%	7.22%	-13.47%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	6	1.69%	8.22%	12.19%	2.41%	10.95%	-3.41%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	6	3.92%	5.73%	10.30%	4.14%	11.81%	-0.86%
IWP	Russell MidCap Growth	Mid-Cap Growth	6	3.94%	5.46%	10.64%	4.44%	10.05%	0.00%
EWV	iShares Mexico Index	Latin America Stock	6	3.49%	8.92%	6.97%	4.98%	8.24%	-17.74%
IDU	Dow Jones US Utilities	Utilities Equities	6	5.99%	7.83%	5.64%	5.37%	9.23%	0.00%
JXI	iShares S&P Global Utilities	Utilities Equities	6	5.30%	7.53%	5.41%	5.05%	9.19%	0.00%
RSX	Market Vectors Russia	Emerging Markets Equi	6	4.26%	7.05%	7.85%	4.17%	10.81%	-2.26%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	6	3.93%	5.81%	8.69%	4.40%	8.36%	0.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	6	2.92%	5.67%	10.38%	3.33%	11.02%	-0.31%

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IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	2.58%	5.70%	9.17%	2.72%	8.73%	-4.87%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5	2.55%	4.44%	10.88%	3.02%	9.09%	-0.70%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	2.60%	5.27%	9.22%	3.10%	9.90%	-0.09%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5	3.91%	4.98%	6.44%	3.92%	7.64%	0.00%
IVV	S&P 500	Large Blend	5	2.76%	5.44%	9.28%	3.23%	10.21%	-0.07%
SPY	SPDR S&P 500	Large Cap Blend	5	2.86%	5.68%	9.51%	3.34%	10.50%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	2.84%	6.17%	9.72%	3.26%	10.91%	0.00%
IWO	Russell 2000 Growth	Small Growth	5	1.97%	4.99%	11.05%	2.74%	9.52%	-0.97%
IWV	Russell 3000 Index	All Cap Equities	5	2.66%	5.36%	9.36%	3.10%	10.05%	-0.10%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	5	2.23%	5.21%	9.92%	2.70%	12.07%	-42.73%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	2.87%	5.44%	9.43%	3.38%	10.32%	0.00%
IYH	Dow Jones US Healthcare	Specialty-Health	5	1.84%	5.23%	11.16%	2.37%	11.80%	-0.51%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	5	2.72%	5.94%	7.93%	2.80%	8.95%	-0.28%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	2.67%	5.22%	9.26%	3.10%	9.94%	-0.09%
MCHI	iShares MSCI China	China Equities	5	0.48%	8.11%	10.31%	0.64%	8.79%	-15.93%
IWB	Russell 1000 Index	Large Blend	5	2.84%	5.55%	9.57%	3.28%	10.30%	-0.03%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	3.17%	5.17%	8.56%	3.36%	8.82%	0.00%
EWL	iShares Switzerland Index	Europe Stock	5	2.59%	6.86%	7.75%	2.67%	9.64%	-0.45%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	5	2.34%	4.39%	9.14%	2.59%	8.46%	-0.40%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5	2.68%	8.18%	7.33%	1.66%	9.10%	-19.98%
VV	Vanguard LargeCap	Large Cap Blend	5	2.95%	5.70%	9.62%	3.46%	10.54%	0.00%
VTI	Total Stock Market VIPERs	All Cap Equities	5	2.72%	5.42%	9.41%	3.19%	10.05%	-0.04%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	2.74%	5.60%	9.43%	3.22%	10.36%	-0.08%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	3.08%	5.01%	7.58%	3.36%	8.61%	-0.05%
VHT	Vanguard Health Care	Health & Biotech Equiti	5	1.82%	5.16%	11.61%	2.44%	11.81%	-0.50%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	3.21%	5.65%	9.46%	3.58%	10.61%	0.00%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	5	1.25%	4.73%	9.97%	2.46%	11.24%	-0.51%
VT	Vanguard Total World Stock Index	Global Equities	4	1.80%	4.68%	7.36%	2.11%	8.33%	-0.61%
EWC	iShares Canada Index	Foreign Large Cap Equ	4	2.45%	3.10%	6.15%	2.38%	6.13%	-0.13%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	4	2.01%	5.22%	7.18%	2.60%	7.20%	0.00%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	2.01%	3.40%	7.41%	1.99%	7.12%	-0.41%
IYJ	Dow Jones US Industrial	Industrial Equities	4	2.68%	3.05%	7.80%	3.38%	8.06%	-0.28%
ACWI	iShares MSCI ACWI	Global Equities	4	1.81%	4.38%	6.82%	2.27%	8.12%	-0.46%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	4	1.23%	3.89%	9.42%	1.81%	10.95%	-0.39%
SCHD	Schwab US Dividend Equity	All Cap Equities	4	2.07%	3.84%	6.77%	2.47%	8.43%	0.00%
IYF	Dow Jones US Financial Sector	Specialty-Financial	4	1.92%	3.57%	7.23%	2.17%	8.67%	-0.11%
EWZ	iShares Brazil Index	Latin America Stock	4	-1.32%	10.81%	5.52%	-0.61%	8.69%	-2.79%
VB	Vanguard SmallCap	Small Cap Blend	4	1.37%	3.40%	7.75%	1.57%	7.12%	-0.74%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	4	1.47%	4.44%	8.62%	2.62%	9.77%	-0.88%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	4	1.74%	3.69%	6.97%	1.78%	7.58%	-0.12%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	4	1.83%	4.08%	5.95%	2.15%	7.95%	-0.63%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	4	1.49%	3.76%	7.27%	1.86%	8.99%	-0.16%
VIS	Vanguard Industrials	industrials Equities	4	2.18%	2.47%	6.86%	2.87%	7.52%	-0.73%
IAU	iShares Gold Trust	Precious Metals	4	3.39%	6.87%	3.32%	2.89%	8.15%	-0.53%

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RSP	Guggenheim S&P Equal Weight	Large Blend	4	1.87%	4.32%	7.87%	2.11%	8.23%	-0.32%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	1.10%	3.79%	8.50%	1.60%	9.46%	-0.82%
GLD	SPDR Gold Shares	Precious Metals	4	3.33%	6.72%	3.29%	2.87%	8.04%	-0.57%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4	2.51%	4.42%	8.21%	2.63%	8.18%	-72.69%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	1.92%	3.77%	7.79%	2.44%	7.87%	-0.59%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	4	3.97%	4.94%	4.74%	3.61%	6.88%	0.00%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	4	0.90%	3.26%	10.28%	1.82%	9.76%	-11.15%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	1.87%	4.15%	8.15%	2.12%	7.87%	-0.28%
XLI	Industrial Select Sector *	Industrial Equities	4	2.40%	2.32%	6.92%	3.15%	7.38%	-0.56%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	1.86%	4.25%	7.56%	1.80%	7.03%	-0.24%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	3	0.16%	5.69%	5.59%	0.29%	6.14%	-13.67%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	3	2.96%	3.34%	3.12%	3.10%	5.35%	0.00%
DVY	iShares Select Dividend Index	Large Cap Value	3	1.50%	3.34%	5.02%	1.54%	6.06%	-0.08%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	3	2.09%	2.53%	3.14%	2.53%	2.93%	-5.92%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	3	-0.95%	5.39%	8.56%	-1.77%	8.56%	-15.36%
IYT	Dow Jones Transportation	Transportation Equities	3	1.76%	2.29%	5.90%	2.25%	5.32%	-4.14%
MDY	MidCap Trust Series I	Mid-Cap Blend	3	1.02%	3.62%	6.65%	0.89%	6.73%	-0.61%
EWA	iShares Australia Index	Asia Pacific Equities	3	2.85%	2.67%	4.04%	3.99%	5.02%	-2.78%
IVE	S&P 500/BARRA Value	Large Value	3	0.81%	3.38%	7.38%	1.11%	9.28%	-0.36%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	3	0.41%	5.49%	5.49%	0.41%	6.06%	-13.89%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	3	0.99%	4.45%	6.05%	1.17%	7.94%	-5.74%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	1.24%	3.77%	7.18%	1.56%	8.09%	-0.41%
IJH	S&P MidCap 400	Mid-Cap Blend	3	1.05%	3.60%	6.67%	0.92%	6.71%	-0.59%
ICF	Cohen & Steers Realty	Real Estate	3	4.49%	2.67%	0.94%	3.71%	3.94%	-0.98%
IJR	S&P Sm.Cap 600	Small Blend	3	0.86%	3.59%	6.71%	0.83%	7.32%	-6.16%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	3	1.37%	2.34%	5.25%	2.84%	7.62%	-2.14%
IWS	Russell MidCap Value	Mid-Cap Value	3	1.58%	3.93%	6.65%	1.52%	7.02%	-0.32%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	3	3.55%	4.31%	1.59%	2.95%	3.84%	0.00%
IYR	Dow Jones US Real Estate	Real Estate	3	4.29%	3.20%	2.04%	3.53%	5.60%	0.00%
FXO	1st Trust Financials AlphaDEX	Financial Equities	3	1.40%	2.14%	6.29%	1.34%	6.01%	-0.06%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	3	1.17%	3.62%	7.42%	1.45%	8.47%	-0.46%
IWD	Russell 1000 Value	Large Value	3	0.97%	2.92%	6.09%	1.20%	6.87%	-0.35%
IWM	Russell 2000	Small Blend	3	0.46%	3.51%	7.72%	0.81%	7.40%	-3.22%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	3	-2.08%	1.08%	14.32%	-0.07%	8.77%	-6.70%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	3	0.72%	5.94%	6.48%	0.50%	6.89%	-11.63%
IYC	iShares US Consumer Services	Consumer Discretionar	3	1.14%	3.09%	5.76%	1.92%	5.71%	-0.25%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	2.82%	-0.13%	5.06%	4.24%	5.39%	-1.05%
VTV	Vanguard Value	Large Cap Value	3	0.72%	2.81%	6.35%	1.08%	7.27%	-0.34%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	0.93%	2.88%	5.89%	1.25%	6.66%	-0.36%
XLP	Consumer Staples Select *	Consumer Staples	3	1.68%	3.27%	4.69%	1.83%	6.22%	-0.09%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	3	1.32%	4.31%	5.69%	1.91%	5.91%	-0.20%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	3	0.59%	3.43%	7.49%	0.92%	6.74%	-2.17%
VXUS	Vanguard Total International Stock	Global Equities	3	0.67%	3.78%	4.81%	0.81%	6.01%	-8.45%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	0.18%	6.11%	6.64%	0.36%	6.10%	-12.46%

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VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	3	1.14%	3.75%	5.56%	0.64%	6.15%	-12.25%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	3	2.34%	2.23%	2.94%	2.68%	5.59%	0.00%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3	1.29%	3.30%	4.81%	1.44%	5.96%	-0.07%
VEU	Vanguard FTSE All-World ex-US	Global Equities	3	0.59%	3.78%	4.86%	0.86%	6.04%	-8.08%
VNQ	Vanguard REIT Index	Real Estate	3	4.39%	2.91%	1.57%	3.50%	5.37%	0.00%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	3	0.41%	3.42%	7.24%	0.90%	8.96%	0.00%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	3	1.70%	3.80%	6.65%	1.48%	6.79%	-0.07%
EWK	iShares Hong Kong Index	China Equities	2	0.83%	3.48%	2.44%	0.25%	-0.41%	-10.24%
EWG	iShares Germany Index	Europe Stock	2	0.75%	2.38%	3.78%	1.20%	6.00%	-16.89%
EWD	iShares Sweden Index	Europe Stock	2	-0.81%	4.00%	4.66%	0.64%	7.16%	-9.81%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2	0.63%	2.92%	5.33%	0.93%	6.25%	-0.36%
VGK	Vanguard European	Europe Equities	2	0.14%	3.67%	5.01%	0.21%	6.30%	-7.92%
EWN	iShares Netherlands Index	Europe Stock	2	-0.36%	3.19%	5.19%	-0.21%	6.35%	-1.67%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	2	-2.34%	7.44%	4.54%	-3.62%	11.96%	-20.72%
EDV	Vanguard Extended Duration Treasury	Government Bonds	2	3.99%	-0.92%	-1.00%	5.56%	3.53%	-7.49%
SDY	SPDR Dividend ETF	Large Value	2	0.52%	1.77%	3.71%	0.53%	5.42%	-0.30%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	2	0.38%	2.80%	6.16%	0.51%	6.71%	-4.45%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	2	0.15%	1.08%	3.90%	1.79%	7.48%	-4.71%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	2	-4.46%	-0.42%	14.25%	-1.88%	9.14%	-7.80%
INDA	iShares MSCI India	Emerging Markets Equi	2	1.08%	2.84%	2.28%	0.88%	3.57%	-6.88%
VFH	Vanguard Financials	Financials Equities	2	-0.01%	2.04%	7.08%	0.33%	7.94%	-0.73%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	0.44%	2.73%	3.68%	0.74%	5.64%	-7.45%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	2.75%	0.37%	-0.21%	3.98%	3.34%	-4.64%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2	-0.85%	3.30%	4.97%	-0.83%	10.51%	-2.54%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	0.05%	1.79%	4.23%	-0.03%	6.14%	-10.25%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	2	-2.51%	-0.13%	11.33%	-0.67%	10.17%	-64.94%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	0.39%	2.36%	3.52%	0.78%	5.43%	-7.26%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	2	0.10%	2.84%	5.63%	-0.04%	6.35%	-1.06%
VBR	Vanguard SmallCap Value	Small Cap Value	2	0.45%	2.61%	5.15%	0.34%	5.49%	-3.56%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	0.64%	3.10%	4.48%	0.82%	5.92%	-7.48%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	1.12%	2.26%	3.40%	1.53%	5.69%	-9.43%
IEV	S&P Europe 350 Index	Europe Stock	2	0.13%	3.28%	4.57%	0.28%	6.01%	-7.55%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	2	-0.13%	2.73%	5.69%	0.26%	5.72%	-0.78%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	2	0.25%	1.60%	4.42%	0.05%	5.66%	-1.01%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	2	0.21%	2.36%	5.19%	1.95%	8.47%	-6.65%
BLV	Vanguard Long Term Bond	Long-Term Bond	2	2.48%	1.26%	1.30%	3.10%	4.27%	-1.96%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	0.74%	1.98%	5.12%	0.86%	6.99%	-0.38%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	2	1.16%	2.40%	4.44%	1.03%	2.13%	-6.87%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	1.28%	2.28%	1.39%	1.36%	2.40%	-5.54%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	0.68%	3.37%	4.58%	0.81%	5.86%	-8.25%
RWR	Wilshire REIT Fund	Real Estate	2	4.13%	0.71%	-0.69%	3.22%	2.99%	-1.66%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	2	0.03%	5.15%	3.87%	-2.06%	4.04%	-16.79%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	2	0.38%	1.90%	4.29%	1.78%	5.97%	-0.95%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	2	1.38%	1.47%	1.68%	1.49%	3.57%	0.00%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	2	0.16%	2.44%	4.66%	1.48%	5.87%	-0.98%
KIE	SPDR S&P Insurance	Specialty-Financial	2	1.47%	0.93%	4.16%	1.01%	3.87%	-61.81%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	2	2.43%	2.62%	2.70%	1.63%	4.89%	0.00%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	2	5.84%	1.50%	-2.14%	4.67%	3.47%	-3.69%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	-0.53%	5.41%	5.64%	-0.83%	4.32%	-9.79%
SCHH	Schwab U.S. REIT	Real Estate	2	4.14%	0.70%	-0.80%	3.21%	3.15%	-1.72%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	2	3.54%	0.28%	-0.15%	6.17%	5.23%	-6.78%
XLF	Financial Select Sector *	Financial Equities	2	-0.23%	2.09%	7.25%	0.20%	8.40%	-0.97%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	2	-0.97%	7.19%	2.39%	-2.40%	11.33%	-11.47%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	2	0.68%	2.60%	4.02%	0.45%	5.18%	-62.29%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	2	0.60%	2.07%	3.19%	0.94%	4.62%	-0.14%
IYZ	Down Jones US Telecom	Commun. Equities	2	2.01%	2.80%	2.28%	2.04%	3.43%	-16.58%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	2	0.04%	4.37%	3.66%	0.18%	5.55%	-11.71%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	0.53%	3.02%	4.04%	0.82%	5.35%	-8.09%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	0.17%	1.74%	4.42%	-0.17%	5.57%	-11.74%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	0.71%	1.77%	3.04%	0.98%	5.21%	-6.85%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1	1.24%	0.66%	0.19%	1.22%	1.64%	-0.75%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	1	-1.80%	3.05%	4.56%	-1.91%	2.64%	-7.34%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	1.08%	0.27%	-0.15%	1.27%	1.15%	-1.46%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	-0.74%	1.58%	4.44%	-0.86%	4.52%	-3.54%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	1.57%	0.94%	0.28%	1.96%	1.63%	-2.42%
FXI	iShares China 25 Index	China Equities	1	-1.47%	4.81%	4.28%	-1.63%	3.16%	-20.54%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	-0.18%	1.29%	1.52%	-0.31%	0.25%	-2.86%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	1	-1.44%	5.83%	1.81%	-2.55%	8.94%	-8.49%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	0.98%	0.64%	0.38%	1.03%	1.50%	-0.48%
XRT	SPDR S&P Retail *	Consumer Discretionar	1	-1.37%	1.66%	5.26%	-1.60%	5.67%	-13.49%
BBH	VanEck Vectors Biotech	Health & Biotech	1	-1.78%	-2.17%	9.36%	-0.78%	8.32%	-3.23%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	0.67%	2.25%	1.26%	0.44%	1.90%	-0.34%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1	1.20%	1.83%	1.60%	1.25%	3.43%	-5.31%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	1	-0.69%	0.09%	3.09%	1.08%	7.03%	-13.30%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	1	-0.47%	2.25%	3.50%	-0.19%	4.24%	-13.07%
EWI	iShares Italy Index	Europe Stock	1	-0.98%	1.73%	1.80%	0.10%	5.02%	-14.66%
EWJ	iShares Japan Index	Japan Stock	1	0.12%	0.56%	1.84%	0.96%	5.82%	-7.59%
EWK	iShares Belgium Index	Europe Stock	1	-0.45%	1.64%	3.61%	-0.80%	4.67%	-13.87%
EZU	European Monetary Union Index	Europe Stock	1	-0.33%	2.30%	3.24%	-0.02%	5.06%	-11.42%
EWU	iShares United Kingdom Index	Europe Stock	1	-0.38%	2.43%	3.69%	-0.65%	4.56%	-10.96%
FXB	CurrencyShares British Pound	Currency	1	0.88%	1.42%	1.28%	-0.91%	3.31%	-12.57%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	0.24%	1.61%	2.95%	-0.85%	2.14%	-28.53%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	0.44%	2.51%	1.17%	0.32%	1.82%	-2.58%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	0.81%	0.51%	0.48%	1.15%	1.24%	-0.44%
FEZ	SPDR Euro Stoxx 50	Europe Stock	1	-0.96%	1.71%	3.14%	-0.57%	5.19%	-8.62%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	1.10%	0.58%	0.32%	1.13%	1.60%	-0.45%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	0.54%	1.05%	0.86%	0.62%	2.44%	-1.41%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	0.95%	1.86%	1.86%	1.00%	2.97%	-0.20%

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EWQ	iShares France Index	Europe Stock	1	-0.61%	2.37%	3.78%	-0.46%	5.64%	-3.91%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	0.12%	1.28%	1.42%	0.17%	-3.73%	-66.22%
IJS	S&P SmallCap 600/BARRA Value	Small Value	1	-0.95%	1.35%	4.09%	-1.16%	5.71%	-7.95%
ILF	iShares S&P 40 Latin America	Latin America Stock	1	-2.50%	6.25%	1.21%	-1.33%	2.35%	-15.22%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	1	-0.13%	1.93%	2.34%	-0.26%	3.13%	-2.53%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	1	2.18%	0.49%	-0.45%	2.86%	2.02%	-3.35%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	0.88%	1.08%	1.36%	0.95%	1.61%	-0.39%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	1	-0.23%	1.93%	3.54%	-0.16%	3.62%	-1.06%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	0.45%	1.31%	0.93%	0.41%	0.24%	-3.91%
HDV	iShares Core High Dividend	Large Cap Value Equiti	1	-0.54%	1.72%	3.17%	-0.16%	3.15%	-0.64%
IWN	Russell 2000 Value	Small Value	1	-0.99%	2.08%	4.35%	-1.05%	5.26%	-6.84%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	1.29%	1.12%	0.87%	1.16%	2.41%	0.00%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	0.95%	0.83%	0.83%	0.95%	1.27%	-0.97%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.50%	1.11%	0.73%	0.47%	0.51%	-2.91%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	1	3.33%	0.53%	-0.64%	2.39%	3.04%	-1.29%
MOO	VanEck Vectors Agribusiness	Commodity Producers	1	-0.81%	3.03%	2.18%	-0.34%	3.54%	-1.36%
MUB	iShares S&P National Muni Bond	National Munis	1	1.16%	1.09%	0.95%	1.19%	1.44%	-0.05%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	1	0.03%	2.96%	1.61%	0.24%	1.97%	-4.33%
RPV	Guggenheim S&P 500 Pure Value	Large Value	1	-1.28%	0.68%	4.57%	-1.18%	4.77%	-3.70%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	0.21%	1.61%	0.58%	0.37%	1.35%	-3.07%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	1	0.33%	1.96%	0.47%	0.33%	1.36%	-2.71%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	-0.05%	1.00%	1.21%	-0.05%	1.22%	-0.57%
PZA	Pshares Insured National Munis	National Munis	1	0.98%	1.21%	0.98%	1.02%	1.34%	-0.45%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	1.01%	0.56%	0.24%	1.05%	1.42%	-0.63%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	0.11%	1.29%	1.44%	0.14%	1.33%	-1.02%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	1	0.28%	-0.25%	2.03%	1.55%	4.44%	-1.02%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	1.37%	0.42%	-0.42%	1.59%	1.32%	-1.93%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	1	-1.25%	0.89%	3.43%	0.10%	4.51%	-2.01%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	-0.10%	1.18%	0.93%	0.29%	0.35%	-1.90%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	1	0.55%	-0.32%	2.00%	2.04%	4.03%	-1.08%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.34%	0.08%	-0.13%	0.26%	0.24%	-0.59%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	-0.92%	0.55%	1.02%	-0.58%	2.70%	-16.89%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.36%	0.10%	-0.14%	0.22%	0.23%	-0.71%
KRE	SPDR S&P Region.Banking	Specialty-Financial	0	-2.67%	1.28%	5.64%	-2.43%	5.31%	-13.39%
SLV	iShares Silver Trust	Precious Metals	0	-0.72%	4.33%	-1.83%	-0.48%	6.90%	-15.26%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
BSV	Vanguard Short Term Bond	Total Bond Market	0	0.58%	0.24%	-0.04%	0.42%	0.55%	-0.27%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	0.97%	0.31%	-0.29%	0.93%	0.79%	-1.32%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	1.00%	0.32%	-0.27%	0.91%	0.83%	-1.29%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.33%	0.07%	-0.15%	0.23%	0.21%	-0.80%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	0.89%	0.36%	-0.17%	0.80%	0.79%	-0.98%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	0.24%	0.24%	0.26%	0.10%	0.08%	-0.82%

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CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	0.63%	0.37%	0.14%	0.42%	0.84%	0.00%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.23%	0.22%	0.17%	0.18%	0.14%	0.00%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	0.25%	0.45%	0.25%	0.49%	0.67%	-0.12%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.22%	0.10%	0.10%	0.22%	0.25%	-0.04%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	0	-1.22%	0.22%	2.87%	-0.74%	3.88%	-1.22%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	0.75%	0.42%	0.02%	0.74%	0.93%	-0.42%
VGLTF	Vanguard Long-Term Government Bonds	Government Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	0	1.64%	-0.33%	-0.62%	0.70%	1.32%	-4.16%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	0.47%	0.49%	0.26%	0.49%	0.56%	-2.03%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	0	-3.45%	-0.49%	5.55%	-3.04%	7.57%	-6.06%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	0	-0.04%	-0.17%	-1.11%	-0.41%	0.34%	-14.72%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	0.10%	0.63%	-0.93%	-0.49%	0.27%	-3.21%
UUP	PowerShares DB US Dollar Bullish	Currency	0	0.50%	-2.08%	-0.90%	1.42%	-0.58%	-2.77%
XLB	Materials Select Sector *	Materials	0	-1.99%	0.22%	3.40%	-1.92%	3.67%	-6.12%
KBE	SPDR S&P Bank	Specialty-Financial	0	-2.47%	0.04%	4.76%	-2.39%	4.84%	-10.86%
VAW	Vanguard Materials VIPERS	Materials	0	-2.35%	0.06%	3.28%	-2.29%	3.44%	-9.33%
EWM	iShares Malaysia Index	Emerging Markets Equi	0	-1.23%	2.07%	-0.04%	-1.26%	-1.61%	-22.92%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	0	-1.36%	0.11%	1.87%	-1.67%	3.38%	-66.92%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-1	1.69%	-3.57%	-4.49%	0.98%	-0.60%	-9.19%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-1	-2.86%	0.76%	2.19%	-2.69%	1.29%	-15.47%
FXY	CurrencyShares Japanese Yen Trust	Currency	-1	0.07%	-0.13%	-1.45%	-0.80%	-1.22%	-10.29%
IYM	Dow Jones US Basic Mat's	Materials	-1	-3.02%	-0.68%	2.81%	-2.96%	2.14%	-12.24%
EWP	iShares Spain Index	Europe Stock	-1	-1.55%	0.42%	-0.38%	-1.11%	0.38%	-21.39%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-1	-2.79%	1.26%	-0.22%	-2.48%	0.26%	-15.87%
IGE	iShares North American Natural Resources	Commodity Producers	-1	-3.39%	-0.27%	1.36%	-3.23%	-1.66%	-23.55%
AGQ	ProShares Ultra Silver	Leveraged Commodity	-1	-2.47%	7.74%	-5.63%	-1.70%	9.70%	-44.86%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-1	0.56%	-2.63%	-3.33%	-0.20%	-0.30%	-9.63%
BNDX	Vanguard Total International Bond	Total Bond Market	-1	0.81%	-1.70%	-2.26%	1.04%	-0.83%	-3.46%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-1	-5.97%	2.79%	2.95%	-5.77%	-1.34%	-33.32%
SIL	Global X Silver Miners	Commodity Producers	-1	-6.12%	5.32%	3.00%	-5.81%	11.07%	-41.63%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	-0.48%	0.23%	-1.06%	-1.46%	-1.00%	-13.05%
DBC	PowerShares DB Commodity Index	Commodities	-2	-4.42%	0.20%	0.07%	-3.88%	-1.07%	-17.26%
GSG	iShares GSCI Commodity Index	Commodities.	-2	-5.98%	1.18%	1.58%	-4.99%	-0.76%	-17.68%
VDE	Vanguard Energy VIPERS	Energy Equities	-2	-5.64%	0.35%	1.43%	-5.33%	-4.19%	-29.25%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2	-0.41%	-3.71%	-4.74%	-0.74%	-6.77%	-32.36%
DJP	Bloomberg Commodity Index	Commodities	-2	-4.14%	1.66%	-1.08%	-3.72%	-0.39%	-14.25%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	-2.58%	-1.05%	-0.58%	-3.87%	-4.65%	-22.82%
OIH	Oil Services HOLDRs	Energy Equities	-3	-10.95%	2.31%	7.46%	-10.08%	-8.36%	-65.92%
ECH	iShares Chile Index	Latin America	-3	-4.94%	6.40%	-7.59%	-4.29%	-14.10%	-43.19%
RWM	ProShares Short Russell2000	Inverse Equities	-3	-0.35%	-3.99%	-7.66%	-0.76%	-8.01%	-42.10%
IXC	S&P Global Energy	Energy Equities	-3	-3.37%	-2.67%	-1.26%	-3.08%	-4.09%	-24.19%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-3	-8.97%	5.01%	2.44%	-8.88%	-7.13%	-46.97%

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XES	SPDR Oil & Gas Equip./Services	Energy Equities	-3	-12.25%	4.53%	6.87%	-11.71%	-12.43%	-69.81%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-4	-5.29%	-2.08%	-1.49%	-7.50%	-9.75%	-42.48%
USO	U.S. Oil Fund	Oil & Gas.	-4	-9.54%	0.34%	3.19%	-8.91%	-2.49%	-27.49%
EZA	iShares South Africa Index	Emerging Markets Equi	-4	-3.39%	-4.08%	-4.17%	-3.06%	-7.04%	-37.44%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-4	-5.09%	-2.89%	-1.51%	-4.68%	-6.10%	-29.63%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-4	-4.12%	-2.65%	-5.76%	-3.67%	-4.27%	-18.15%
XLE	Energy Select Sector *	Energy Equities	-4	-7.52%	-2.73%	-1.17%	-4.45%	-5.54%	-27.41%
DOG	ProShares Short Dow 30	Bear Market	-4	-1.81%	-3.96%	-7.62%	-2.33%	-8.16%	-46.05%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-4	-3.36%	-3.59%	-4.19%	-3.51%	-5.88%	-17.13%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	-2.51%	-5.78%	-8.98%	-3.00%	-10.28%	-44.01%
XME	SPDR S&P Metals & Mining	Commodity Producers	-6	-9.94%	-4.63%	0.27%	-10.06%	-2.72%	-32.65%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-6	-12.57%	2.16%	-1.52%	-12.42%	-13.09%	-53.33%
PSQ	ProShares Short QQQ	Inverse Equities	-8	-4.59%	-8.84%	-12.37%	-5.28%	-14.32%	-58.11%
HDGE	Ranger Equity Bear	Inverse Equities	-9	-3.18%	-9.76%	-18.43%	-3.36%	-18.00%	-53.87%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-10	0.76%	-19.58%	-20.32%	0.65%	-16.98%	-62.11%
UNG	U.S. Natural Gas Fund	Oil & Gas	-18	-14.58%	-16.21%	-28.21%	-11.55%	-24.85%	-83.08%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-19	3.37%	6.29%	-89.66%	2.87%	-85.33%	-89.96%