

HV ETF Master List as of 01/09/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	11	7.03%	17.59%	19.12%	-1.58%	15.64%	-10.09%
IGV	iShares North American Tech-Software	Technology Equities	10	7.81%	10.08%	15.31%	5.06%	11.46%	0.00%
XLK	Technology Select *	Technology Equities	9	6.38%	9.28%	15.77%	3.29%	16.42%	0.00%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	9	1.67%	12.23%	19.67%	1.65%	11.07%	-5.10%
VGT	Vanguard Info Technology	Technolgy Equities	9	6.53%	9.28%	15.69%	3.39%	15.77%	0.00%
IYW	Dow Jones US Technology	Technology Equities	9	7.08%	9.87%	16.30%	3.99%	16.76%	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	9	1.05%	14.52%	20.36%	0.81%	12.70%	-5.27%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	9	4.45%	19.10%	15.99%	-1.60%	-4.92%	-66.36%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	9	4.81%	9.29%	18.63%	4.92%	14.43%	-39.86%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	8	6.04%	8.72%	13.14%	3.13%	13.80%	0.00%
SMH	VanEch Vectors Semiconductor	Technology Equities	8	2.71%	8.47%	16.94%	1.95%	20.70%	-0.33%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	8	3.77%	8.56%	16.89%	1.57%	19.70%	-0.57%
OIH	Oil Services HOLDRs	Energy Equities	8	1.08%	14.66%	16.90%	-1.20%	-1.31%	-62.55%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	8	3.53%	9.54%	17.67%	0.64%	15.35%	-0.31%
MCHI	iShares MSCI China	China Equities	8	5.97%	11.87%	12.58%	3.07%	11.61%	-13.89%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	7	0.62%	10.19%	17.48%	0.61%	12.30%	-64.49%
IWF	Russell 1000 Growth	Large Growth	7	5.21%	7.80%	11.33%	2.87%	11.80%	0.00%
FXN	1st Trust Energy AlphaDEX	Energy Equities	7	4.78%	11.91%	13.48%	-0.57%	-0.20%	-42.13%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	7	3.07%	7.99%	13.62%	1.62%	11.19%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	7	5.67%	7.90%	11.71%	3.03%	12.32%	0.00%
VUG	Vanguard Growth	Large Cap Growth	7	5.66%	7.91%	11.15%	3.18%	11.96%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	6.13%	8.41%	11.83%	3.42%	12.75%	0.00%
BBH	VanEck Vectors Biotech	Health & Biotech	7	2.11%	8.00%	17.32%	2.00%	12.12%	-0.51%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	6	4.38%	6.83%	9.30%	2.61%	9.14%	0.00%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	6	2.43%	10.60%	10.73%	-0.54%	8.29%	-6.19%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	6	5.59%	8.07%	11.89%	-1.31%	-3.98%	-47.41%
VHT	Vanguard Health Care	Health & Biotech Equiti	6	2.66%	8.84%	12.95%	1.10%	11.32%	0.00%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	6	5.65%	6.77%	7.38%	2.23%	8.62%	-13.14%
SPYG	S&P 500 Growth	Large Cap Growth	6	4.75%	7.28%	9.82%	2.82%	9.64%	0.00%
IVW	S&P 500/BARRA Growth	Large Growth	6	4.48%	6.98%	9.50%	2.75%	9.34%	0.00%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	6	1.80%	7.69%	11.59%	1.05%	10.67%	-0.33%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	6	4.73%	7.23%	9.78%	2.77%	9.63%	0.00%
VOX	Vanguard Telecom Serv's	Communication Equitie	6	4.94%	6.20%	8.42%	2.89%	8.79%	-7.23%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	6	3.38%	6.95%	9.79%	1.91%	10.55%	0.00%
IYH	Dow Jones US Healthcare	Specialty-Health	6	2.77%	8.64%	12.73%	1.07%	11.36%	0.00%
RSX	Market Vectors Russia	Emerging Markets Equi	6	1.93%	5.55%	11.95%	3.69%	11.45%	-0.58%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	6	5.41%	7.07%	12.66%	0.74%	4.83%	-28.72%
FXI	iShares China 25 Index	China Equities	5	3.74%	8.14%	6.45%	1.74%	6.59%	-17.81%
IWB	Russell 1000 Index	Large Blend	5	3.03%	5.52%	9.19%	1.61%	9.21%	0.00%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	4.18%	5.97%	8.14%	1.90%	6.46%	0.00%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	3.44%	5.31%	8.97%	1.48%	8.89%	0.00%

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IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	5	2.42%	5.14%	9.20%	1.60%	9.37%	0.00%
IVV	S&P 500	Large Blend	5	2.85%	5.38%	9.02%	1.62%	9.20%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	5	2.99%	5.52%	9.15%	1.62%	9.39%	0.00%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5	3.34%	6.40%	9.27%	1.44%	8.02%	0.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	2.82%	5.30%	8.95%	1.47%	8.83%	0.00%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	5	4.25%	5.44%	6.78%	1.82%	7.27%	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	2.95%	5.33%	8.64%	1.56%	9.19%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	2.69%	6.29%	9.53%	1.34%	9.57%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	3.59%	5.43%	9.08%	1.68%	9.22%	0.00%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	5	1.01%	5.42%	11.37%	1.05%	11.00%	-0.20%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	5	10.70%	8.83%	1.74%	-0.19%	13.06%	-44.01%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5	3.78%	5.96%	7.42%	2.58%	6.89%	0.00%
PPLT	ETFS Physical Platinum Shares	Precious Metals	5	2.00%	9.51%	8.66%	0.02%	9.43%	-19.74%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	5	2.24%	7.56%	10.38%	-1.15%	9.58%	-14.83%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5	2.77%	6.04%	9.67%	1.67%	9.98%	0.00%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	5	2.99%	7.26%	8.53%	1.30%	7.32%	-11.63%
VV	Vanguard LargeCap	Large Cap Blend	5	3.09%	5.61%	9.25%	1.73%	9.43%	0.00%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	5	3.30%	6.25%	9.17%	1.98%	7.75%	0.00%
IWV	Russell 3000 Index	All Cap Equities	5	2.95%	5.52%	9.13%	1.52%	9.04%	0.00%
VTI	Total Stock Market VIPERs	All Cap Equities	5	2.86%	5.46%	9.03%	1.51%	8.93%	0.00%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	5	1.76%	6.97%	9.18%	0.92%	5.58%	-15.13%
EWH	iShares Hong Kong Index	China Equities	5	3.74%	6.98%	7.21%	2.80%	1.84%	-7.96%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	5	3.01%	7.05%	8.54%	1.58%	8.23%	-10.68%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	4.21%	6.59%	8.46%	2.29%	8.07%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	3.02%	5.56%	9.21%	1.63%	9.39%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	5	2.14%	7.26%	11.54%	0.99%	11.25%	-43.68%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	5	4.40%	5.75%	6.94%	1.31%	6.98%	-10.71%
EWZ	iShares Brazil Index	Latin America Stock	5	1.86%	9.82%	10.97%	-1.48%	8.53%	-3.64%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	3.91%	6.18%	9.22%	2.39%	8.55%	0.00%
IWO	Russell 2000 Growth	Small Growth	5	2.03%	6.62%	10.12%	0.64%	7.80%	-2.00%
USO	U.S. Oil Fund	Oil & Gas.	4	0.97%	4.87%	10.73%	-2.42%	4.04%	-22.33%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4	1.97%	4.14%	7.19%	0.72%	6.66%	-73.20%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	4	3.28%	4.81%	7.26%	1.75%	6.79%	0.00%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	1.65%	3.85%	10.22%	0.90%	9.35%	-0.07%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	4	-1.05%	7.11%	10.80%	-1.02%	6.94%	-13.64%
RSP	Guggenheim S&P Equal Weight	Large Blend	4	1.71%	4.09%	7.72%	0.63%	7.15%	0.00%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	4	3.43%	5.40%	4.86%	1.46%	6.40%	0.00%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4	2.21%	4.48%	7.02%	0.96%	6.82%	0.00%
VT	Vanguard Total World Stock Index	Global Equities	4	2.31%	4.81%	7.98%	1.22%	7.91%	0.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	1.94%	4.28%	8.36%	0.80%	6.91%	0.00%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	4	2.05%	5.98%	7.46%	1.16%	7.25%	-12.92%
VFH	Vanguard Financials	Financials Equities	4	0.20%	4.02%	9.62%	0.55%	8.84%	-0.35%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	2.70%	4.07%	7.09%	1.74%	7.66%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	2.09%	3.67%	8.16%	0.63%	8.17%	-0.12%

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EWL	iShares Switzerland Index	Europe Stock	4	3.12%	5.37%	7.91%	0.40%	7.99%	-0.76%
VDE	Vanguard Energy VIPERS	Energy Equities	4	2.13%	4.48%	8.05%	0.06%	0.58%	-25.22%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	4	2.14%	4.88%	8.42%	0.65%	6.85%	0.00%
GLD	SPDR Gold Shares	Precious Metals	4	5.49%	5.39%	3.85%	2.10%	8.29%	-1.31%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	4	2.03%	2.98%	7.22%	2.91%	8.17%	-2.08%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	4	1.89%	5.64%	7.33%	1.04%	6.90%	-13.35%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	4	2.59%	4.27%	6.54%	0.81%	7.88%	-6.08%
IAU	iShares Gold Trust	Precious Metals	4	5.48%	5.41%	3.85%	2.07%	8.34%	-1.33%
ACWI	iShares MSCI ACWI	Global Equities	4	2.00%	4.32%	7.35%	1.34%	7.61%	0.00%
XLF	Financial Select Sector *	Financial Equities	4	0.32%	4.21%	10.27%	0.65%	9.61%	-0.51%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	2.78%	6.18%	8.25%	0.35%	5.72%	-8.71%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	3	1.30%	2.54%	5.51%	1.63%	6.19%	-0.29%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	0.76%	3.18%	5.31%	0.76%	5.53%	-8.15%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	3	2.24%	2.91%	5.89%	1.39%	6.17%	-0.29%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	3	1.17%	3.71%	7.48%	0.55%	8.28%	-0.24%
EWX	iShares Mexico Index	Latin America Stock	3	2.19%	4.67%	3.83%	2.19%	5.41%	-19.92%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	3	-1.85%	3.72%	11.96%	-0.82%	10.65%	-3.91%
IYJ	Dow Jones US Industrial	Industrial Equities	3	1.76%	2.61%	7.39%	2.03%	7.15%	0.00%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	3	1.85%	3.85%	6.83%	1.01%	7.32%	0.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	0.58%	3.55%	6.99%	2.11%	9.03%	-6.49%
EWD	iShares Sweden Index	Europe Stock	3	-0.24%	3.32%	8.49%	0.61%	7.23%	-9.84%
EWG	iShares Germany Index	Europe Stock	3	1.74%	3.54%	6.57%	1.91%	7.03%	-16.30%
IYC	iShares US Consumer Services	Consumer Discretionar	3	2.77%	3.46%	4.44%	1.30%	5.51%	0.00%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	3	1.35%	4.67%	5.85%	0.13%	6.68%	-0.38%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	3	2.34%	6.88%	7.65%	-5.41%	11.53%	-22.19%
IYF	Dow Jones US Financial Sector	Specialty-Financial	3	1.26%	3.82%	7.32%	0.69%	7.79%	-0.04%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	3	1.94%	4.32%	6.42%	0.23%	5.78%	0.00%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	1.40%	5.54%	6.90%	0.01%	6.29%	-7.39%
ILF	iShares S&P 40 Latin America	Latin America Stock	3	0.00%	6.41%	5.51%	-0.68%	3.05%	-14.66%
INDA	iShares MSCI India	Emerging Markets Equi	3	1.23%	4.42%	5.32%	0.91%	3.64%	-6.86%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	3	0.88%	4.39%	5.41%	0.60%	4.16%	-1.70%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	1.50%	-0.04%	4.50%	4.37%	6.15%	-0.92%
EWQ	iShares France Index	Europe Stock	3	2.09%	3.06%	6.24%	0.37%	6.89%	-3.11%
IVE	S&P 500/BARRA Value	Large Value	3	1.09%	3.62%	8.47%	0.33%	9.11%	-0.22%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	1.06%	3.60%	5.78%	0.68%	5.99%	-8.36%
IWD	Russell 1000 Value	Large Value	3	0.60%	3.00%	6.69%	0.26%	6.34%	-0.23%
IWM	Russell 2000	Small Blend	3	0.95%	4.69%	7.94%	-0.36%	6.52%	-4.34%
FEZ	SPDR Euro Stoxx 50	Europe Stock	3	1.61%	3.31%	5.60%	0.76%	7.00%	-7.40%
EZU	European Monetary Union Index	Europe Stock	3	1.64%	3.21%	5.15%	0.77%	6.13%	-10.72%
IEV	S&P Europe 350 Index	Europe Stock	3	2.04%	3.89%	6.39%	0.43%	6.45%	-7.41%
EWU	iShares United Kingdom Index	Europe Stock	3	2.05%	4.05%	5.84%	-0.21%	5.02%	-10.56%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	3	1.64%	2.31%	5.48%	1.64%	6.48%	-0.50%
EWN	iShares Netherlands Index	Europe Stock	3	1.62%	4.05%	5.80%	0.59%	7.69%	-0.88%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	3	1.87%	4.17%	7.85%	-0.63%	3.97%	-6.13%

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VGK	Vanguard European	Europe Equities	3	2.08%	4.28%	6.73%	0.26%	6.67%	-7.88%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	1.48%	2.99%	6.47%	0.32%	6.10%	-0.31%
SLV	iShares Silver Trust	Precious Metals	3	5.49%	5.16%	1.95%	0.18%	8.61%	-14.69%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	3	2.04%	3.09%	6.82%	0.30%	5.71%	0.00%
SCHD	Schwab US Dividend Equity	All Cap Equities	3	1.11%	2.59%	6.19%	0.52%	6.83%	0.00%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	2.47%	2.74%	5.73%	-0.23%	5.73%	-11.79%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	3	1.46%	4.15%	7.54%	-0.28%	5.81%	-3.34%
VB	Vanguard SmallCap	Small Cap Blend	3	1.32%	3.91%	7.14%	0.08%	5.91%	-0.40%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	3	0.67%	2.43%	7.54%	-0.02%	6.49%	-4.96%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	3	1.58%	4.06%	6.45%	0.88%	6.35%	-8.07%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	2.07%	3.84%	5.20%	1.16%	6.99%	0.00%
VIS	Vanguard Industrials	industrials Equities	3	1.53%	2.09%	7.43%	2.07%	7.13%	0.00%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	3	0.96%	2.95%	9.13%	0.02%	8.49%	-0.69%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	0.81%	3.67%	6.11%	-0.01%	5.70%	-12.81%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	3	3.23%	4.85%	3.77%	1.36%	5.71%	0.00%
VXUS	Vanguard Total International Stock	Global Equities	3	1.36%	3.92%	6.17%	0.72%	6.21%	-8.53%
XLI	Industrial Select Sector *	Industrial Equities	3	1.72%	1.99%	7.38%	2.41%	7.02%	0.00%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	1.39%	3.71%	7.70%	0.60%	7.59%	-0.13%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	1.12%	3.13%	5.79%	0.59%	5.99%	-7.69%
VTV	Vanguard Value	Large Cap Value	3	0.60%	3.35%	7.39%	0.28%	6.93%	-0.64%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	0.69%	2.79%	5.25%	0.68%	5.87%	-7.51%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	2	1.18%	0.16%	3.03%	1.81%	4.04%	-1.31%
DJP	Bloomberg Commodity Index	Commodities	2	1.84%	2.48%	3.09%	-0.66%	2.69%	-11.53%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	1.82%	3.27%	3.12%	0.81%	5.07%	0.00%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2	0.40%	2.86%	5.82%	0.02%	5.68%	-0.93%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	2	2.16%	0.31%	3.20%	1.80%	4.99%	-0.59%
IGE	iShares North American Natural Resources	Commodity Producers	2	-0.80%	1.94%	5.46%	-0.43%	0.77%	-21.35%
IJH	S&P MidCap 400	Mid-Cap Blend	2	0.69%	3.18%	6.16%	-0.50%	5.52%	-0.50%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	2	-0.52%	2.06%	5.88%	-1.27%	5.26%	-1.27%
DBC	PowerShares DB Commodity Index	Commodities	2	0.51%	2.39%	4.00%	-0.56%	2.20%	-14.40%
IJR	S&P Sm.Cap 600	Small Blend	2	0.26%	3.69%	6.22%	-0.70%	6.02%	-7.58%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	2	-0.56%	2.34%	5.82%	2.09%	8.18%	-4.43%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	0.77%	2.68%	5.14%	0.66%	5.58%	-7.36%
EWI	iShares Italy Index	Europe Stock	2	1.33%	1.57%	5.41%	1.53%	6.80%	-13.44%
EWK	iShares Belgium Index	Europe Stock	2	1.07%	2.84%	2.79%	-0.30%	5.34%	-13.43%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	-0.33%	1.68%	4.65%	1.05%	5.49%	-9.85%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	2	0.30%	2.54%	5.70%	-0.39%	5.70%	-0.87%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2	-1.80%	3.70%	7.40%	-0.37%	11.88%	-1.80%
EWC	iShares Canada Index	Foreign Large Cap Equ	2	1.32%	1.62%	4.67%	0.64%	4.65%	-1.28%
HDV	iShares Core High Dividend	Large Cap Value Equiti	2	-0.18%	2.37%	4.28%	-0.38%	3.09%	-0.85%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	2	0.28%	2.01%	3.15%	1.32%	1.78%	-7.04%
GSG	iShares GSCI Commodity Index	Commodities.	2	1.39%	3.35%	5.46%	-1.17%	3.03%	-14.37%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	2	-0.67%	1.97%	6.51%	-1.02%	2.81%	-14.02%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	2	-1.92%	1.41%	5.76%	1.55%	7.75%	-12.90%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	2	0.40%	2.34%	5.23%	-0.73%	4.83%	-1.12%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	2	0.44%	2.46%	3.77%	-0.53%	4.44%	-1.09%
FXO	1st Trust Financials AlphaDEX	Financial Equities	2	-0.15%	2.38%	6.04%	0.00%	4.98%	-0.21%
VBR	Vanguard SmallCap Value	Small Cap Value	2	-0.08%	1.86%	5.42%	-0.97%	4.28%	-4.82%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	2	1.52%	2.68%	6.08%	-0.42%	6.85%	-21.61%
MOO	VanEck Vectors Agribusiness	Commodity Producers	2	1.37%	2.65%	3.35%	0.10%	4.42%	-0.65%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	2	1.50%	5.21%	4.63%	-4.56%	10.57%	-13.42%
IYT	Dow Jones Transportation	Transportation Equities	2	1.86%	1.36%	4.93%	1.20%	4.31%	-5.13%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	1.11%	2.77%	4.78%	-0.67%	5.08%	-1.44%
KBE	SPDR S&P Bank	Specialty-Financial	2	-1.86%	2.16%	8.32%	-1.08%	6.52%	-9.66%
IWS	Russell MidCap Value	Mid-Cap Value	2	0.73%	2.78%	5.89%	-0.42%	5.35%	-0.42%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	2.06%	1.66%	4.23%	0.66%	5.16%	-7.15%
KRE	SPDR S&P Region.Banking	Specialty-Financial	2	-1.96%	2.97%	9.39%	-1.41%	6.69%	-12.47%
MDY	MidCap Trust Series I	Mid-Cap Blend	2	0.76%	3.22%	6.17%	-0.50%	5.57%	-0.50%
RPV	Guggenheim S&P 500 Pure Value	Large Value	2	0.26%	1.75%	6.81%	-0.35%	5.94%	-2.88%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	2	1.33%	2.93%	5.16%	0.45%	4.97%	-12.52%
IWN	Russell 2000 Value	Small Value	2	-0.37%	2.44%	5.59%	-1.43%	5.03%	-7.21%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	-0.08%	1.78%	5.11%	-0.24%	6.37%	-0.86%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-0.10%	3.26%	5.64%	0.06%	6.53%	-10.16%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	2	1.17%	3.97%	2.19%	0.23%	1.23%	-7.60%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	1	0.29%	1.29%	1.16%	0.62%	3.26%	0.00%
EWM	iShares Malaysia Index	Emerging Markets Equi	1	1.57%	0.42%	2.22%	0.14%	-0.32%	-21.83%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.62%	1.42%	2.00%	0.35%	0.90%	-2.22%
XLU	Utilities Select Sector *	Utilities Equities	1	2.15%	2.52%	0.97%	-0.46%	4.31%	-1.08%
KIE	SPDR S&P Insurance	Specialty-Financial	1	-0.20%	1.56%	3.18%	0.65%	4.06%	-61.95%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	1	1.82%	1.27%	0.00%	0.73%	1.96%	-2.33%
JXI	iShares S&P Global Utilities	Utilities Equities	1	1.17%	2.23%	0.73%	-0.73%	3.74%	-0.92%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	0.94%	1.97%	1.50%	0.50%	-3.34%	-66.11%
EWA	iShares Australia Index	Asia Pacific Equities	1	-0.70%	0.53%	1.70%	0.84%	2.14%	-5.72%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	1	-1.83%	0.66%	4.50%	-1.29%	4.46%	-1.83%
EWJ	iShares Japan Index	Japan Stock	1	-1.04%	0.84%	4.28%	1.27%	6.57%	-7.31%
XRT	SPDR S&P Retail *	Consumer Discretionar	1	-0.68%	1.78%	4.34%	-2.06%	5.20%	-13.89%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	1.15%	1.36%	1.41%	0.70%	2.93%	-0.10%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	1	0.91%	1.89%	2.39%	-0.48%	2.29%	-14.14%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	0.71%	1.77%	4.05%	-1.46%	4.24%	-4.12%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	0.49%	1.82%	1.55%	0.44%	3.91%	-1.60%
IYZ	Down Jones US Telecom	Commun. Equities	1	0.57%	0.64%	1.57%	-0.17%	1.05%	-18.39%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	1	-0.31%	0.87%	5.07%	0.09%	5.11%	-0.40%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	0.92%	1.70%	1.19%	0.05%	1.76%	-0.68%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	1	1.20%	1.89%	1.34%	0.14%	2.18%	-4.43%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	1	0.64%	1.10%	4.39%	-0.68%	4.21%	-62.72%
DVY	iShares Select Dividend Index	Large Cap Value	1	0.34%	1.57%	3.94%	-0.39%	4.35%	-0.56%
ECH	iShares Chile Index	Latin America	1	1.67%	13.44%	-12.88%	2.25%	-9.54%	-39.31%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	1	0.35%	0.24%	1.81%	1.05%	7.66%	-1.43%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
MUB	iShares S&P National Muni Bond	National Munis	1	0.66%	1.01%	0.70%	0.72%	1.15%	-0.52%
XLP	Consumer Staples Select *	Consumer Staples	1	0.22%	2.27%	3.43%	-0.29%	4.61%	-0.87%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	1.08%	1.89%	1.24%	0.02%	1.76%	-2.87%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1	0.61%	1.19%	1.07%	0.31%	2.79%	-0.59%
XLE	Energy Select Sector *	Energy Equities	1	-1.02%	0.89%	4.92%	0.33%	-1.47%	-23.77%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	1	2.08%	1.58%	0.74%	0.88%	2.11%	-5.98%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	1.88%	1.33%	0.42%	0.80%	1.95%	-2.66%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	0.93%	0.62%	1.53%	0.58%	2.64%	-1.44%
VPU	Vanguard Utilities VIPERS	Utilities Equities	1	1.89%	2.18%	0.35%	-0.71%	3.60%	-1.95%
PZA	Pshares Insured National Munis	National Munis	1	0.53%	1.10%	0.41%	0.72%	1.25%	-0.75%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	1	0.09%	0.98%	3.42%	-0.10%	3.81%	-1.05%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	1	-0.40%	1.26%	3.41%	0.40%	3.67%	-16.07%
IXC	S&P Global Energy	Energy Equities	1	-1.30%	-0.42%	3.71%	0.75%	-0.89%	-21.20%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.82%	1.13%	0.58%	0.47%	0.50%	-2.91%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	1.93%	1.59%	1.52%	0.00%	3.74%	-0.05%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	0.99%	1.53%	0.60%	0.46%	0.51%	-1.74%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	1.05%	1.42%	0.59%	0.52%	0.30%	-3.80%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	0.57%	1.31%	1.31%	0.31%	1.72%	-0.05%
IDU	Dow Jones US Utilities	Utilities Equities	1	2.02%	2.32%	0.54%	-0.58%	3.67%	-1.49%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	0.96%	1.94%	1.48%	0.48%	1.77%	-0.69%
SIL	Global X Silver Miners	Commodity Producers	1	-0.36%	3.52%	7.34%	-7.14%	10.72%	-42.45%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	0.48%	0.80%	0.96%	0.32%	1.17%	-1.02%
SDY	SPDR Dividend ETF	Large Value	1	-0.76%	1.15%	3.82%	-0.67%	4.49%	-0.85%
IYE	Dow Jones US Energy	Specialty-Natural Res.	1	-1.47%	0.75%	4.46%	0.12%	-2.13%	-26.09%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	1	0.44%	1.44%	3.54%	-0.89%	2.98%	-1.07%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	0.63%	0.68%	0.63%	0.34%	1.89%	-0.48%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	1	1.37%	3.85%	3.55%	-4.66%	7.98%	-10.47%
IJS	S&P SmallCap 600/BARRA Value	Small Value	1	-1.07%	1.66%	5.42%	-1.54%	5.53%	-8.31%
EWP	iShares Spain Index	Europe Stock	0	-1.37%	3.02%	0.14%	-0.38%	0.92%	-20.81%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	0	4.72%	0.51%	-3.31%	-1.87%	3.66%	-38.52%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	0.57%	0.51%	0.02%	0.29%	0.47%	-2.23%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	0.45%	-0.23%	-0.75%	0.65%	0.67%	-2.84%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	0.41%	-0.13%	-0.35%	0.26%	0.41%	-1.52%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	0.26%	0.15%	-0.09%	0.30%	0.89%	-1.36%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.14%	0.10%	0.24%	0.02%	0.05%	-0.91%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	0	-0.91%	0.61%	3.26%	-1.84%	3.21%	-66.98%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	0	0.26%	0.51%	0.41%	0.34%	0.84%	-1.58%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	0	-0.07%	0.50%	1.26%	-0.20%	2.17%	-6.67%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	0	-1.45%	0.99%	2.83%	-1.21%	1.67%	-28.79%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	0.41%	-0.17%	-0.50%	0.29%	0.39%	-1.90%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	0	1.47%	0.21%	-0.58%	-0.69%	0.34%	-3.27%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	0.31%	0.11%	0.09%	0.09%	0.62%	-0.23%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	0.38%	0.28%	0.06%	0.33%	1.01%	-1.17%
FXB	CurrencyShares British Pound	Currency	0	-0.88%	1.42%	1.49%	-1.31%	2.90%	-12.92%
XME	SPDR S&P Metals & Mining	Commodity Producers	0	-5.76%	3.81%	7.54%	-5.15%	2.19%	-28.98%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.03%	0.02%	-0.02%	0.07%	0.03%	-0.12%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	0.13%	-0.06%	-0.41%	0.66%	0.64%	-3.66%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	0.10%	-0.02%	-0.08%	0.16%	0.44%	-0.45%
BLV	Vanguard Long Term Bond	Long-Term Bond	0	-0.03%	0.53%	-0.12%	0.68%	2.41%	-4.27%
BSV	Vanguard Short Term Bond	Total Bond Market	0	0.24%	0.01%	-0.15%	0.10%	0.32%	-0.59%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
ITB	iShares DJ US Home Construction	Building and Constructi	0	0.11%	-0.44%	0.38%	1.60%	9.59%	-2.44%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	0.31%	0.23%	-0.04%	0.29%	0.98%	-1.28%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.08%	0.04%	0.06%	0.08%	0.12%	-0.18%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	0.31%	0.00%	-0.10%	0.26%	0.60%	-0.90%
VGLTF	Vanguard Long-Term Government Bonds	Government Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	0.52%	0.22%	-0.13%	0.41%	1.10%	-1.54%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-0.02%	0.00%	-0.08%	0.21%	0.47%	-1.36%
XLB	Materials Select Sector *	Materials	0	-1.79%	-0.98%	3.84%	-2.49%	3.29%	-6.66%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.13%	-0.08%	-0.14%	0.07%	0.10%	-0.77%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	-0.14%	0.28%	-0.80%	-0.80%	0.11%	-3.51%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	0.38%	-0.20%	-0.52%	0.31%	0.35%	-1.92%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	0	-0.38%	0.08%	1.22%	-1.47%	2.04%	-1.94%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.14%	-0.06%	-0.14%	0.04%	0.10%	-0.88%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	0	-1.59%	-1.43%	2.50%	0.29%	0.95%	-14.12%
FXE	CurrencyShares Euro Currency Trust	Currency	0	-0.27%	0.64%	-0.36%	-0.97%	-0.62%	-12.62%
IYR	Dow Jones US Real Estate	Real Estate	0	1.78%	-0.09%	-1.92%	-0.84%	1.55%	-3.40%
VAW	Vanguard Materials VIPERS	Materials	0	-2.15%	-0.90%	4.19%	-2.78%	3.06%	-9.79%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	0.15%	-0.15%	-0.57%	0.39%	0.48%	-2.33%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.13%	-0.08%	-0.13%	0.05%	0.09%	-0.98%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	0	0.12%	-0.43%	-1.44%	0.98%	0.54%	-5.11%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	0	-0.31%	-0.21%	0.89%	-1.32%	-2.85%	-20.78%
TLT	iShares 20+ Treas. Bd	Government Bonds	0	-0.17%	-0.50%	-1.69%	1.23%	1.20%	-7.16%
IYM	Dow Jones US Basic Mat's	Materials	-1	-2.49%	-1.40%	4.46%	-2.70%	2.40%	-12.01%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-1	-1.04%	-0.86%	-2.24%	1.91%	1.90%	-10.53%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	-1.58%	-2.34%	-1.54%	1.00%	-0.96%	-3.17%
VNQ	Vanguard REIT Index	Real Estate	-1	1.38%	-0.61%	-2.38%	-1.04%	1.13%	-3.85%
ICF	Cohen & Steers Realty	Real Estate	-1	1.71%	-0.81%	-3.88%	-0.75%	-0.21%	-5.24%
FXI	CurrencyShares Japanese Yen Trust	Currency	-1	-0.15%	-1.00%	-0.86%	-0.73%	-1.07%	-10.23%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-1	-0.58%	-0.46%	1.37%	-2.49%	-6.38%	-39.36%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	-2.03%	0.03%	-2.19%	-0.93%	-0.25%	-5.71%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-1	-1.90%	-1.79%	-3.33%	1.60%	0.38%	-10.96%
RWR	Wilshire REIT Fund	Real Estate	-2	-0.06%	-2.83%	-4.30%	-1.27%	-1.31%	-5.94%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-2	-0.57%	-1.78%	-3.51%	-1.22%	-0.40%	-4.78%

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THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-2	-0.91%	-3.12%	-4.07%	-1.51%	-4.12%	-15.41%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-2	0.96%	-2.27%	-7.00%	-0.24%	-0.93%	-8.21%
SCHH	Schwab U.S. REIT	Real Estate	-2	1.19%	-2.88%	-4.38%	-1.29%	-1.14%	-6.00%
BNDX	Vanguard Total International Bond	Total Bond Market	-2	-2.16%	-2.34%	-2.86%	0.23%	-1.53%	-4.24%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-2	-1.07%	-2.99%	-1.76%	-0.70%	-1.42%	-15.62%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-3	-2.11%	-3.93%	-6.06%	-0.62%	-7.04%	-32.28%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-3	-4.11%	-1.85%	-3.75%	-0.85%	-0.93%	-10.21%
RWM	ProShares Short Russell2000	Inverse Equities	-3	-1.54%	-4.96%	-7.76%	0.41%	-7.30%	-41.42%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	-4.95%	-3.61%	-5.74%	-0.88%	-2.42%	-10.86%
DOG	ProShares Short Dow 30	Bear Market	-4	-3.07%	-4.43%	-7.03%	-1.68%	-8.04%	-45.70%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	-3.55%	-5.77%	-8.72%	-1.54%	-9.55%	-43.17%
EZA	iShares South Africa Index	Emerging Markets Equi	-5	-4.76%	-5.72%	-5.74%	-2.16%	-7.04%	-36.86%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-6.10%	-8.34%	-11.83%	-3.05%	-13.08%	-57.12%
HDGE	Ranger Equity Bear	Inverse Equities	-8	-3.44%	-10.87%	-18.25%	-0.56%	-16.52%	-52.54%
UNG	U.S. Natural Gas Fund	Oil & Gas	-11	-6.98%	-19.97%	-16.06%	-1.30%	-17.50%	-81.13%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-15	-20.84%	-19.17%	-18.71%	0.15%	-18.34%	-62.30%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-19	5.51%	5.36%	-89.61%	2.05%	-86.20%	-90.04%