

HV ETF Master List as of 12/12/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	24	5.61%	13.86%	15.82%	60.86%	21.06%	0.00%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	22	4.62%	12.65%	13.30%	56.52%	18.63%	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	20	13.33%	19.11%	14.72%	32.15%	12.13%	-6.26%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	16	9.50%	16.75%	14.97%	24.74%	12.50%	-64.71%
VGT	Vanguard Info Technology	Technolgy Equities	16	2.58%	8.60%	8.55%	42.32%	10.90%	0.00%
XLK	Technology Select	Technology Equities	16	2.73%	8.83%	9.13%	43.43%	11.85%	0.00%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	16	5.67%	14.07%	12.39%	33.81%	14.75%	-2.10%
BBH	VanEck Vectors Biotech	Health & Biotech	15	5.77%	14.89%	13.36%	25.70%	10.78%	-1.50%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	15	10.39%	17.70%	13.41%	19.61%	9.14%	-6.65%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	15	5.60%	9.37%	14.22%	31.85%	16.12%	0.00%
IYW	Dow Jones US Technology	Technology Equities	15	2.61%	8.62%	8.70%	41.12%	11.26%	0.00%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	15	4.36%	10.26%	9.01%	35.06%	11.99%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	14	-0.55%	0.27%	6.10%	50.03%	12.10%	-2.55%
RSX	Market Vectors Russia	Emerging Markets Equi	14	3.55%	9.83%	7.69%	35.25%	11.58%	0.00%
XLF	Financial Select Sector	Financial Equities	13	3.88%	9.91%	8.56%	29.39%	11.14%	0.00%
KRE	SPDR S&P Region.Banking	Specialty-Financial	13	5.03%	11.58%	9.03%	25.43%	10.03%	-10.72%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	13	5.81%	13.66%	14.69%	18.11%	13.28%	-3.33%
KBE	SPDR S&P Bank	Specialty-Financial	13	4.10%	10.38%	8.65%	27.82%	9.74%	-7.94%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	13	2.52%	6.70%	7.09%	33.87%	9.14%	0.00%
VFH	Vanguard Financials	Financials Equities	12	3.81%	9.41%	7.56%	28.89%	10.36%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	12	3.50%	6.66%	6.41%	29.56%	8.13%	0.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	12	3.18%	6.72%	7.04%	30.02%	8.47%	0.00%
PKW	PowerShares Buyback Achievers	All Cap Equities	12	2.16%	8.43%	7.86%	31.21%	9.15%	0.00%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	12	3.65%	3.09%	0.22%	39.89%	11.98%	-14.70%
XME	SPDR S&P Metals & Mining	Commodity Producers	12	10.15%	14.11%	9.82%	12.71%	8.08%	-24.64%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	12	-0.11%	1.46%	5.95%	41.21%	9.11%	-1.78%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	12	9.87%	11.30%	13.25%	14.61%	8.85%	-15.99%
EWZ	iShares Brazil Index	Latin America Stock	11	7.82%	8.94%	9.26%	19.90%	7.83%	-3.23%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	11	2.66%	6.62%	6.93%	29.15%	8.19%	0.00%
IWF	Russell 1000 Growth	Large Growth	11	2.46%	5.82%	5.70%	31.24%	7.90%	-0.17%
IWO	Russell 2000 Growth	Small Growth	11	4.50%	7.93%	5.70%	25.98%	6.55%	-3.94%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11	2.15%	5.37%	5.06%	32.42%	7.96%	-0.16%
USO	U.S. Oil Fund	Oil & Gas.	11	3.86%	9.66%	1.48%	28.05%	3.29%	-23.07%
IVE	S&P 500/BARRA Value	Large Value	11	2.50%	7.30%	6.99%	27.44%	9.46%	0.00%
VHT	Vanguard Health Care	Health & Biotech Equiti	11	6.02%	10.03%	9.80%	17.39%	9.62%	0.00%
IWP	Russell MidCap Growth	Mid-Cap Growth	11	2.18%	5.11%	4.35%	32.17%	5.74%	-1.12%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	11	4.77%	10.23%	9.60%	20.49%	8.92%	-2.24%
VBK	Vanguard SmallCap Growth	Small Cap Growth	11	2.95%	5.73%	4.25%	29.66%	5.58%	-1.21%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	11	5.01%	9.21%	10.13%	19.79%	10.29%	-44.86%
IYH	Dow Jones US Healthcare	Specialty-Health	11	5.71%	9.69%	9.50%	17.12%	9.57%	0.00%
VUG	Vanguard Growth	Large Cap Growth	11	2.13%	5.20%	5.09%	32.28%	7.62%	-0.22%

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IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	11	3.45%	6.20%	3.98%	30.15%	8.47%	-0.57%
IGV	iShares North American Tech-Software	Technology Equities	11	2.10%	6.95%	4.55%	30.76%	4.55%	-2.35%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	11	2.11%	5.71%	5.56%	31.28%	8.00%	-0.54%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	11	4.44%	5.19%	2.99%	30.08%	11.55%	-23.97%
IYF	Dow Jones US Financial Sector	Specialty-Financial	11	2.53%	5.98%	5.03%	28.57%	8.03%	0.00%
XLV	Health Care Select SPDR	Health & Biotech Equiti	10	5.78%	9.61%	9.88%	16.69%	9.97%	0.00%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	10	5.20%	7.96%	9.44%	17.93%	8.17%	-16.69%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	10	2.85%	5.68%	4.07%	25.50%	5.34%	0.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	10	2.42%	5.96%	5.04%	26.25%	7.13%	0.00%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	10	2.53%	6.44%	6.10%	24.73%	7.26%	0.00%
IVV	S&P 500	Large Blend	10	2.46%	6.00%	5.31%	26.77%	7.54%	0.00%
IWB	Russell 1000 Index	Large Blend	10	2.41%	5.98%	5.27%	26.72%	7.35%	0.00%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	10	2.68%	6.15%	4.69%	24.59%	5.51%	-0.65%
SPY	SPDR S&P 500	Large Cap Blend	10	2.46%	5.98%	5.34%	26.91%	7.62%	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	10	2.31%	5.53%	5.10%	26.72%	7.45%	0.00%
SIL	Global X Silver Miners	Commodity Producers	10	3.89%	7.73%	5.27%	23.70%	13.26%	-42.25%
VV	Vanguard LargeCap	Large Cap Blend	10	2.44%	5.97%	5.76%	26.81%	7.54%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	10	2.47%	6.01%	5.35%	26.77%	7.59%	0.00%
EWD	iShares Sweden Index	Europe Stock	10	3.57%	8.75%	9.65%	17.07%	8.37%	-9.62%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	1.97%	8.09%	6.42%	22.42%	8.65%	-0.62%
VIS	Vanguard Industrials	industrials Equities	10	0.55%	5.82%	4.43%	28.43%	6.64%	-0.55%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10	2.29%	4.08%	3.66%	30.04%	4.85%	-0.72%
IWV	Russell 3000 Index	All Cap Equities	10	2.50%	6.00%	5.23%	26.37%	7.22%	0.00%
VO	Vanguard Mid-Cap	Mid-Cap Blend	10	2.23%	4.70%	4.00%	27.23%	5.59%	-0.06%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	10	3.40%	7.83%	9.70%	19.90%	10.74%	-11.19%
IYJ	Dow Jones US Industrial	Industrial Equities	10	0.84%	5.53%	4.47%	30.45%	6.46%	-0.56%
IWM	Russell 2000	Small Blend	10	3.71%	6.93%	5.26%	22.45%	6.31%	-5.24%
VTI	Total Stock Market VIPERs	All Cap Equities	10	2.53%	6.01%	5.64%	26.40%	7.21%	0.00%
EWN	iShares Netherlands Index	Europe Stock	10	2.39%	4.12%	5.17%	26.88%	7.22%	-1.97%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	10	2.50%	6.23%	5.85%	25.89%	8.50%	0.00%
IJH	S&P MidCap 400	Mid-Cap Blend	9	2.47%	5.43%	4.42%	22.84%	5.64%	-0.48%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	9	3.28%	4.45%	4.95%	23.56%	6.52%	0.00%
ACWI	iShares MSCI ACWI	Global Equities	9	2.28%	5.25%	5.53%	22.55%	6.51%	0.00%
IJR	S&P Sm.Cap 600	Small Blend	9	3.42%	5.94%	4.66%	20.08%	6.58%	-7.83%
SCHB	Schwab U.S. Broad Market	All Cap Equities	9	1.81%	5.35%	4.43%	25.78%	6.55%	-0.25%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	9	2.64%	5.99%	4.18%	22.81%	5.05%	-4.73%
IJS	S&P SmallCap 600/BARRA Value	Small Value	9	2.76%	6.56%	5.35%	21.78%	7.54%	-7.32%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	2.59%	6.43%	5.51%	22.85%	6.64%	-0.31%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	9	2.13%	5.12%	3.90%	26.70%	5.64%	-73.72%
RSP	Guggenheim S&P Equal Weight	Large Blend	9	2.34%	5.92%	4.56%	25.12%	6.42%	0.00%
IWD	Russell 1000 Value	Large Value	9	2.38%	6.05%	4.64%	22.37%	6.74%	0.00%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	9	1.06%	1.63%	1.92%	30.64%	2.89%	-17.79%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	9	1.14%	2.43%	1.57%	29.65%	4.29%	-1.43%
XLI	Industrial Select Sector	Industrial Equities	9	0.27%	5.57%	4.08%	27.20%	6.21%	-0.69%

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IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	2.34%	4.72%	3.78%	26.00%	5.78%	-0.06%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	9	2.29%	6.23%	5.21%	23.61%	7.29%	0.00%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	9	8.25%	11.97%	12.36%	3.79%	7.96%	-12.72%
MCHI	iShares MSCI China	China Equities	9	5.57%	6.24%	6.51%	18.47%	5.55%	-18.74%
MDY	MidCap Trust Series I	Mid-Cap Blend	9	2.44%	5.37%	4.42%	22.86%	5.63%	-0.44%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	9	1.86%	5.19%	5.07%	24.53%	7.73%	0.00%
IVW	S&P 500/BARRA Growth	Large Growth	9	2.39%	4.80%	3.86%	26.19%	5.90%	-0.01%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	9	7.98%	8.10%	8.60%	10.31%	6.13%	-8.42%
RPV	Guggenheim S&P 500 Pure Value	Large Value	9	1.49%	6.53%	5.03%	21.12%	6.54%	-3.14%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	9	1.55%	5.95%	5.07%	23.75%	7.17%	0.00%
VTV	Vanguard Value	Large Cap Value	9	2.74%	6.76%	6.39%	21.79%	7.43%	0.00%
VT	Vanguard Total World Stock Index	Global Equities	9	2.45%	5.54%	5.22%	22.21%	6.53%	0.00%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	9	1.97%	4.89%	5.28%	23.83%	6.55%	-0.24%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	2.39%	4.82%	3.88%	26.55%	5.96%	0.00%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	9	2.23%	5.38%	4.44%	24.29%	6.39%	0.00%
EWL	iShares Switzerland Index	Europe Stock	9	2.18%	4.65%	4.65%	25.06%	6.17%	0.00%
VB	Vanguard SmallCap	Small Cap Blend	9	2.56%	5.75%	4.63%	24.19%	5.35%	-1.15%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	9	2.30%	6.30%	4.19%	23.70%	5.83%	0.00%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	9	5.13%	7.30%	8.22%	15.30%	4.38%	-16.60%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9	1.78%	5.30%	4.61%	26.11%	6.77%	-0.21%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	9	4.28%	13.19%	7.43%	10.05%	9.86%	-42.61%
FXO	1st Trust Financials AlphaDEX	Financial Equities	9	2.54%	6.20%	3.97%	24.25%	6.13%	0.00%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	9	2.44%	2.14%	-1.57%	31.15%	8.99%	-11.69%
SPYG	S&P 500 Growth	Large Cap Growth	9	2.42%	4.85%	3.89%	26.43%	5.97%	0.00%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	9	2.92%	6.42%	7.98%	20.47%	9.77%	-3.89%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	9	3.36%	5.74%	7.93%	20.07%	7.46%	-10.07%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	9	2.95%	6.37%	7.99%	19.09%	9.33%	-7.03%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	9	0.94%	5.09%	7.14%	22.57%	7.22%	-4.02%
VBR	Vanguard SmallCap Value	Small Cap Value	8	1.94%	5.51%	4.75%	19.38%	4.96%	-4.74%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	8	1.18%	5.39%	4.75%	19.86%	6.23%	0.00%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	8	4.08%	5.42%	3.92%	18.37%	5.63%	-8.66%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	8	3.92%	5.37%	7.18%	13.96%	5.42%	-13.29%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	1.67%	3.92%	5.91%	21.10%	6.39%	-8.87%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	8	1.34%	4.28%	3.88%	20.90%	5.87%	0.00%
IWS	Russell MidCap Value	Mid-Cap Value	8	2.04%	5.13%	3.46%	22.70%	5.44%	0.00%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	8	1.48%	3.85%	2.16%	23.23%	4.62%	-0.74%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	8	2.09%	4.53%	5.58%	18.31%	5.88%	-8.15%
EWJ	iShares Japan Index	Japan Stock	8	1.90%	5.38%	6.11%	19.49%	8.71%	-6.34%
EWI	iShares Italy Index	Europe Stock	8	0.24%	4.03%	5.90%	21.52%	6.09%	-14.58%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	8	1.73%	3.06%	2.47%	25.96%	6.22%	0.00%
KIE	SPDR S&P Insurance	Specialty-Financial	8	1.76%	3.38%	1.33%	26.08%	5.66%	-61.88%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	8	1.02%	4.68%	3.26%	23.56%	4.41%	-1.04%
VOX	Vanguard Telecom Serv's	Communication Equitie	8	1.20%	3.31%	2.92%	24.27%	4.80%	-11.60%
SDY	SPDR Dividend ETF	Large Value	8	1.93%	4.62%	4.46%	20.27%	6.17%	0.00%

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IWN	Russell 2000 Value	Small Value	8	2.82%	5.98%	5.03%	18.74%	6.09%	-6.86%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	8	-1.52%	2.96%	-0.83%	31.96%	5.95%	-2.39%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	8	1.49%	4.91%	3.61%	20.45%	5.48%	0.00%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	8	3.47%	4.48%	13.25%	8.89%	3.50%	-2.56%
XLB	Materials Select Sector	Materials	8	0.83%	5.73%	3.64%	20.57%	6.07%	-4.96%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	0.66%	3.78%	4.43%	24.52%	5.83%	-0.13%
VYM	Vanguard High Div. Yield Index	Large Cap Value	8	2.45%	5.40%	4.23%	19.53%	6.19%	0.00%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	0.65%	3.57%	3.74%	22.17%	4.84%	-0.55%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	8	1.64%	3.63%	2.69%	22.98%	5.19%	-0.70%
VAW	Vanguard Materials VIPERS	Materials	8	1.28%	6.48%	4.37%	20.23%	6.06%	-7.80%
XLP	Consumer Staples Select	Consumer Staples	8	2.04%	3.20%	2.78%	23.20%	5.74%	-0.26%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	8	1.23%	4.16%	4.58%	21.18%	5.74%	-0.32%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	8	1.93%	4.81%	5.27%	21.87%	5.21%	-0.69%
PPLT	ETFS Physical Platinum Shares	Precious Metals	8	7.37%	6.54%	0.64%	18.50%	8.30%	-21.31%
SCHD	Schwab US Dividend Equity	All Cap Equities	8	1.46%	5.02%	4.30%	22.44%	6.75%	0.00%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	8	2.33%	4.39%	3.36%	22.76%	4.64%	-1.31%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	8	1.75%	6.82%	5.83%	18.81%	6.62%	-5.58%
EWQ	iShares France Index	Europe Stock	8	0.95%	4.06%	5.19%	20.70%	5.65%	-5.10%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	7	3.86%	5.31%	6.90%	13.77%	5.49%	-14.67%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	7	1.90%	4.34%	5.28%	17.69%	5.48%	-8.07%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	7	0.45%	3.73%	3.58%	18.84%	4.15%	-62.95%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	2.51%	4.67%	5.57%	17.23%	5.53%	-9.32%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	2.40%	4.52%	5.29%	16.75%	5.34%	-8.84%
EWC	iShares Canada Index	Foreign Large Cap Equ	7	0.30%	3.31%	1.65%	23.71%	4.03%	-2.56%
EWG	iShares Germany Index	Europe Stock	7	1.77%	4.75%	7.32%	15.70%	6.02%	-17.73%
EWK	iShares Belgium Index	Europe Stock	7	1.76%	1.70%	3.90%	20.56%	5.05%	-14.35%
EZU	European Monetary Union Index	Europe Stock	7	1.55%	3.45%	5.24%	18.03%	5.17%	-12.16%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	7	3.68%	5.33%	6.94%	13.06%	5.25%	-14.96%
FV	First Trust VL Dividend	Large Cap Value Equiti	7	1.71%	3.80%	1.98%	22.22%	2.62%	-2.80%
IYC	iShares US Consumer Services	Consumer Discretionar	7	0.67%	1.62%	1.45%	24.31%	3.81%	-0.93%
ILF	iShares S&P 40 Latin America	Latin America Stock	7	6.41%	5.51%	6.17%	9.38%	3.13%	-14.66%
IEV	S&P Europe 350 Index	Europe Stock	7	1.81%	4.26%	5.58%	17.61%	5.04%	-9.27%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	7	-4.02%	-7.67%	-6.25%	45.22%	0.21%	-41.30%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	7	1.58%	0.53%	0.71%	24.29%	3.42%	-1.14%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	7	1.90%	1.38%	1.73%	23.50%	3.87%	-0.46%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	7	2.44%	4.80%	5.11%	16.94%	5.41%	-9.49%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	7	2.01%	5.00%	5.28%	16.13%	6.51%	-9.56%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	1.98%	4.62%	4.85%	17.82%	5.57%	-8.71%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	7	2.01%	3.32%	2.53%	21.57%	5.19%	-0.29%
VXUS	Vanguard Total International Stock	Global Equities	7	2.53%	4.74%	5.24%	16.90%	5.50%	-9.76%
XRT	SPDR S&P Retail	Consumer Discretionar	7	2.48%	5.05%	8.12%	11.05%	6.15%	-13.30%
VGK	Vanguard European	Europe Equities	7	2.16%	4.56%	5.31%	17.85%	5.30%	-9.75%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7	1.42%	1.28%	0.68%	23.76%	4.37%	-0.26%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	7	2.83%	5.26%	5.62%	16.14%	5.47%	-13.51%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IYM	Dow Jones US Basic Mat's	Materials	7	1.12%	7.13%	4.11%	16.13%	5.53%	-9.76%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	7	4.14%	5.37%	5.58%	14.80%	4.65%	-14.20%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	6	2.66%	7.24%	4.06%	11.37%	3.39%	-13.44%
EWA	iShares Australia Index	Asia Pacific Equities	6	1.24%	2.42%	1.64%	18.91%	3.46%	-5.06%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	6	0.27%	3.19%	4.02%	15.70%	3.77%	-13.91%
HDV	iShares Core High Dividend	Large Cap Value Equiti	6	2.56%	4.47%	2.35%	15.80%	3.78%	0.00%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	6	3.31%	5.33%	3.40%	11.23%	3.20%	-11.18%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	0.88%	3.32%	2.93%	17.41%	4.31%	0.00%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	6	2.11%	3.51%	2.97%	17.12%	3.60%	-0.24%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	-1.81%	1.02%	2.24%	21.59%	3.59%	-2.68%
DVY	iShares Select Dividend Index	Large Cap Value	6	1.23%	3.59%	2.42%	17.36%	4.68%	0.00%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	6	1.53%	4.21%	3.64%	16.06%	4.53%	-66.67%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	6	2.77%	1.01%	2.16%	17.61%	0.11%	-8.67%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	6	1.64%	3.86%	5.29%	14.42%	5.88%	-8.44%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	6	1.32%	1.05%	1.55%	18.94%	4.68%	-2.09%
IYT	Dow Jones Transportation	Transportation Equities	6	-0.49%	3.01%	2.51%	17.68%	2.88%	-6.86%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	6	1.05%	3.31%	1.62%	16.04%	4.48%	-4.80%
EWU	iShares United Kingdom Index	Europe Stock	6	1.97%	3.72%	4.76%	13.12%	3.09%	-12.35%
MOO	VanEck Vectors Agribusiness	Commodity Producers	6	1.26%	1.94%	1.24%	18.85%	3.98%	-0.16%
OIH	Oil Services HOLDRs	Energy Equities	6	13.44%	15.66%	0.85%	-7.34%	-5.31%	-62.95%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	0.45%	1.60%	1.33%	20.12%	3.25%	-0.91%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	6	2.37%	0.38%	3.69%	16.39%	3.37%	-6.36%
INDA	iShares MSCI India	Emerging Markets Equi	6	3.15%	4.04%	11.49%	5.04%	2.40%	-7.99%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	0.16%	4.15%	5.04%	11.31%	2.71%	-12.74%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	1.00%	3.09%	1.38%	13.53%	2.82%	-0.30%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	-1.00%	1.83%	2.34%	18.60%	3.50%	-2.45%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	5	0.18%	-1.21%	-2.42%	21.95%	4.71%	-9.58%
EWP	iShares Spain Index	Europe Stock	5	4.45%	1.54%	4.60%	8.50%	2.31%	-19.70%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	5	1.66%	3.83%	5.09%	11.01%	4.26%	-15.73%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	5	2.26%	5.87%	1.59%	11.48%	2.18%	-7.85%
GSG	iShares GSCI Commodity Index	Commodities.	5	1.93%	4.01%	1.35%	12.77%	1.72%	-15.54%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	1.72%	2.87%	2.62%	14.59%	1.62%	-7.29%
FXI	iShares China 25 Index	China Equities	5	4.24%	2.61%	5.14%	9.47%	2.44%	-20.78%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	-0.33%	-0.40%	-0.89%	22.40%	2.80%	-1.48%
SCHF	Schwab International Equity	Foreign Large Cap Equ	5	-0.39%	2.13%	2.96%	16.65%	3.72%	-9.02%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	5	1.57%	3.78%	3.78%	11.97%	3.98%	-13.67%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	5	0.58%	1.34%	1.96%	14.65%	2.82%	-6.60%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	5	1.00%	0.86%	1.50%	18.11%	3.74%	-0.06%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	5	1.30%	2.43%	4.28%	12.96%	2.92%	-14.48%
IGE	iShares North American Natural Resources	Commodity Producers	5	2.76%	6.31%	0.13%	10.96%	1.05%	-20.72%
PIN	PowerShares India Portfolio	Emerging Markets Equi	5	2.11%	2.70%	10.21%	4.01%	2.00%	-52.38%
BLV	Vanguard Long Term Bond	Long-Term Bond	4	0.56%	-0.09%	-0.03%	15.44%	3.59%	-4.24%
IDU	Dow Jones US Utilities	Utilities Equities	4	0.30%	-1.45%	-2.30%	17.49%	2.50%	-3.44%
DBC	PowerShares DB Commodity Index	Commodities	4	1.87%	3.47%	2.13%	8.97%	1.73%	-14.83%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
RWX	SPDR DJ Wil Intern. RE	Real Estate	4	1.40%	-0.83%	2.28%	14.40%	2.81%	-6.22%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	0.58%	0.46%	1.00%	13.07%	3.01%	-1.19%
EWH	iShares Hong Kong Index	China Equities	4	3.13%	3.35%	2.99%	6.69%	-2.60%	-11.27%
XLU	Utilities Select Sector	Utilities Equities	4	0.37%	-1.15%	-1.92%	18.82%	3.12%	-3.16%
JXI	iShares S&P Global Utilities	Utilities Equities	4	1.05%	-0.43%	-0.05%	17.11%	3.35%	-2.06%
IYZ	Down Jones US Telecom	Commun. Equities	4	0.07%	0.99%	0.68%	12.52%	0.45%	-18.86%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	4	2.11%	-0.16%	1.60%	12.91%	1.79%	-3.75%
EWW	iShares Mexico Index	Latin America Stock	4	2.43%	1.60%	4.30%	9.64%	3.59%	-21.64%
VPU	Vanguard Utilities VIPERS	Utilities Equities	4	0.28%	-1.52%	-2.30%	18.04%	2.59%	-3.77%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	4	1.14%	4.49%	7.31%	3.69%	5.20%	-22.79%
EDV	Vanguard Extended Duration Treasury	Government Bonds	4	0.10%	-1.46%	-2.59%	18.56%	3.74%	-9.24%
IXC	S&P Global Energy	Energy Equities	3	0.90%	5.08%	0.64%	7.16%	-0.53%	-20.16%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	3	0.69%	0.14%	-0.75%	10.64%	1.53%	-5.56%
FXB	CurrencyShares British Pound	Currency	3	2.32%	2.40%	5.24%	3.36%	3.80%	-12.14%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	0.05%	0.00%	0.53%	9.92%	1.84%	-1.10%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3	0.74%	0.74%	0.26%	8.55%	1.46%	0.00%
IYR	Dow Jones US Real Estate	Real Estate	3	-1.83%	-3.63%	-3.31%	20.78%	0.37%	-5.09%
IYE	Dow Jones US Energy	Specialty-Natural Res.	3	2.26%	6.02%	-1.69%	4.56%	-1.89%	-24.98%
XLE	Energy Select Sector	Energy Equities	3	1.93%	6.00%	-1.65%	5.96%	-1.32%	-22.99%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	0.20%	0.25%	1.01%	11.20%	2.28%	-1.24%
IAU	iShares Gold Trust	Precious Metals	3	-0.07%	-1.54%	-2.02%	14.32%	4.21%	-5.58%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	3	2.47%	4.34%	6.96%	-2.07%	3.03%	-27.74%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	3	-0.31%	0.59%	1.06%	12.62%	2.21%	-2.36%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	3	-1.22%	-2.96%	-1.10%	15.52%	0.46%	-4.23%
GLD	SPDR Gold Shares	Precious Metals	3	-0.09%	-1.55%	-2.02%	14.17%	4.15%	-5.61%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	3	1.57%	6.87%	-0.06%	2.71%	-1.23%	-32.38%
VNQ	Vanguard REIT Index	Real Estate	3	-1.96%	-3.71%	-3.34%	21.13%	0.31%	-5.17%
DJP	Bloomberg Commodity Index	Commodities	2	0.63%	1.23%	-0.09%	5.14%	0.79%	-13.12%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2	0.77%	0.27%	-0.06%	8.21%	1.27%	-1.59%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	2	-1.94%	-0.69%	1.74%	8.06%	-0.38%	-14.71%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	2	0.80%	1.38%	0.09%	4.50%	0.35%	-2.82%
VDE	Vanguard Energy VIPERS	Energy Equities	2	2.30%	5.80%	-2.10%	3.42%	-2.61%	-26.78%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	-0.30%	-0.64%	-0.19%	7.18%	1.05%	-2.05%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	2	-0.31%	-1.60%	-1.87%	12.84%	2.32%	-6.90%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	0.80%	0.16%	-0.53%	9.09%	1.10%	-3.91%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	-0.33%	-1.53%	-1.85%	13.12%	2.44%	-7.00%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	2	0.25%	0.14%	0.18%	6.38%	0.95%	-1.84%
PZA	Pshares Insured National Munis	National Munis	2	0.57%	-0.11%	0.00%	6.08%	1.10%	-1.27%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	0.32%	0.47%	0.42%	6.24%	1.07%	-1.49%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	-0.54%	-1.79%	-0.80%	10.17%	0.49%	-4.07%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	-0.48%	-1.30%	-0.59%	8.38%	0.29%	-7.89%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	2	0.97%	1.47%	1.03%	4.07%	1.36%	-14.91%
RWR	Wilshire REIT Fund	Real Estate	2	-2.77%	-4.24%	-3.72%	16.85%	-1.01%	-5.88%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	1.03%	0.56%	0.05%	8.24%	-4.07%	-66.42%

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	2	0.97%	0.52%	0.17%	7.92%	1.01%	-1.63%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	0.54%	-0.38%	-1.03%	4.27%	-0.47%	-2.70%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	-0.08%	-0.34%	-0.10%	5.81%	1.08%	-1.59%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	-0.11%	-0.35%	-0.07%	5.63%	1.01%	-1.62%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	0.42%	-0.66%	-0.63%	3.62%	0.54%	-3.38%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.31%	-0.41%	-0.08%	4.04%	0.56%	-1.20%
ICF	Cohen & Steers Realty	Real Estate	1	-2.48%	-5.50%	-5.08%	18.85%	-1.49%	-6.84%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	-0.68%	-1.20%	-0.76%	6.06%	0.68%	-3.27%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.30%	-0.24%	-0.69%	3.82%	-0.36%	-3.71%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	1	14.03%	11.05%	-4.74%	-15.21%	-12.86%	-67.79%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.24%	0.39%	-0.24%	2.96%	0.35%	-0.76%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.19%	-0.72%	-0.97%	6.84%	0.97%	-2.13%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	-0.31%	-0.73%	-0.54%	5.35%	0.70%	-2.48%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	-0.53%	-1.43%	-0.74%	7.49%	0.36%	-4.45%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	1	-0.55%	-1.56%	-1.64%	8.56%	1.08%	-5.23%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-0.19%	-0.53%	-1.09%	7.21%	1.07%	-3.78%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	-0.10%	-0.32%	-0.13%	5.51%	1.02%	-1.55%
MUB	iShares S&P National Muni Bond	National Munis	1	0.35%	0.04%	0.18%	4.55%	0.79%	-1.17%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	-0.12%	-0.18%	0.04%	3.12%	0.53%	-0.55%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-0.78%	0.04%	-0.37%	4.75%	0.82%	-1.62%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.20%	-0.22%	0.12%	3.75%	0.50%	-0.54%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	0.02%	-0.06%	-0.01%	5.22%	0.80%	-1.34%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.20%	-0.28%	-0.06%	1.06%	0.04%	-1.02%
SCHH	Schwab U.S. REIT	Real Estate	0	-4.01%	-5.50%	-4.77%	16.10%	-2.07%	-7.11%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	0	-3.20%	-7.88%	-6.27%	19.02%	-1.33%	-9.08%
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%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-0.53%	-0.75%	-0.39%	3.43%	0.27%	-1.91%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.22%	-0.38%	-0.11%	2.44%	0.25%	-0.83%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.04%	-0.02%	0.00%	1.13%	0.06%	-0.25%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.06%	-0.55%	-0.53%	3.12%	0.08%	-2.79%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.02%	-0.05%	-0.05%	0.42%	0.01%	-0.15%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.21%	-0.27%	0.00%	1.14%	0.05%	-0.90%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	-0.57%	-0.90%	-0.53%	3.80%	0.28%	-2.30%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.37%	-0.45%	-0.92%	2.92%	-0.83%	-4.80%
SLV	iShares Silver Trust	Precious Metals	0	-0.31%	-3.35%	-4.63%	9.16%	4.38%	-19.13%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.21%	-0.26%	-0.07%	1.06%	0.04%	-1.11%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-0.58%	-0.90%	-0.53%	3.68%	0.25%	-2.30%
FXN	1st Trust Energy AlphaDEX	Energy Equities	0	6.81%	8.31%	-3.28%	-12.77%	-7.06%	-44.77%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	0	-1.25%	-2.02%	-4.23%	6.61%	-0.96%	-4.67%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-1	-2.23%	-3.19%	-3.20%	4.87%	-3.40%	-14.64%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
FXE	CurrencyShares Euro Currency Trust	Currency	-1	0.91%	-0.09%	0.58%	-3.59%	-0.54%	-12.38%
FXV	CurrencyShares Japanese Yen Trust	Currency	-1	-0.86%	-0.71%	-1.31%	-0.21%	-0.79%	-10.09%
EZA	iShares South Africa Index	Emerging Markets Equi	-1	-1.00%	-1.02%	-0.47%	-0.16%	-3.08%	-33.71%
EWM	iShares Malaysia Index	Emerging Markets Equi	-2	-1.13%	0.65%	0.14%	-5.71%	-2.47%	-23.03%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-3	0.10%	1.20%	0.94%	-13.22%	-3.83%	-20.53%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-3	-1.68%	-8.10%	-11.51%	8.46%	4.22%	-49.43%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-4	2.35%	5.97%	-6.37%	-16.32%	-11.84%	-50.19%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-6	0.12%	1.96%	1.60%	-25.93%	-8.47%	-39.01%
DOG	ProShares Short Dow 30	Bear Market	-7	-1.40%	-4.08%	-4.19%	-18.31%	-6.14%	-43.97%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-7	-1.87%	-4.04%	-5.11%	-16.36%	-5.90%	-30.82%
ECH	iShares Chile Index	Latin America	-8	11.58%	-14.31%	-11.88%	-19.03%	-13.37%	-40.31%
RWM	ProShares Short Russell2000	Inverse Equities	-9	-3.47%	-6.31%	-5.58%	-19.59%	-6.67%	-40.50%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-9	-2.31%	-5.36%	-5.51%	-21.67%	-7.50%	-41.08%
PSQ	ProShares Short QQQ	Inverse Equities	-10	-2.38%	-6.10%	-6.99%	-26.16%	-9.01%	-54.33%
HDGE	Ranger Equity Bear	Inverse Equities	-18	-7.69%	-15.34%	-14.29%	-34.52%	-15.46%	-50.85%
UNG	U.S. Natural Gas Fund	Oil & Gas	-18	-13.97%	-9.77%	-18.80%	-27.48%	-14.23%	-79.71%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-67	-0.14%	-90.15%	-90.20%	-88.56%	-88.16%	-90.56%