

# HV ETF Master List as of 12/19/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	26	8.37%	14.15%	17.82%	62.84%	21.64%	0.00%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	24	8.28%	13.61%	16.02%	58.66%	19.44%	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	22	10.04%	20.31%	25.17%	34.40%	13.90%	-4.67%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	20	13.45%	19.94%	24.60%	22.53%	16.36%	-10.19%
XLK	Technology Select	Technology Equities	19	4.64%	10.73%	12.32%	46.37%	13.54%	0.00%
IYW	Dow Jones US Technology	Technology Equities	18	4.23%	10.61%	12.09%	43.91%	12.93%	0.00%
VGT	Vanguard Info Technology	Technolgy Equities	18	4.07%	10.33%	11.69%	44.85%	12.33%	0.00%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	17	5.99%	14.57%	21.05%	25.64%	13.13%	-64.46%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	17	7.11%	17.80%	21.21%	21.47%	10.89%	-5.20%
RSX	Market Vectors Russia	Emerging Markets Equi	16	5.07%	8.59%	11.34%	38.24%	13.44%	0.00%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	16	3.24%	16.37%	24.45%	20.90%	15.57%	-1.05%
BBH	VanEck Vectors Biotech	Health & Biotech	16	3.32%	13.62%	19.39%	27.71%	12.34%	-0.48%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	15	4.74%	9.69%	14.07%	33.13%	13.79%	-2.60%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	15	4.54%	8.64%	11.34%	36.69%	11.01%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	14	3.98%	7.69%	8.50%	35.09%	9.73%	0.00%
USO	U.S. Oil Fund	Oil & Gas.	14	4.75%	8.95%	8.31%	32.30%	6.64%	-20.52%
IGV	iShares North American Tech-Software	Technology Equities	14	2.10%	10.14%	8.31%	33.96%	6.85%	0.00%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	14	3.68%	8.29%	10.88%	34.92%	11.42%	-0.24%
KBE	SPDR S&P Bank	Specialty-Financial	13	4.44%	8.01%	10.41%	27.79%	9.52%	-7.96%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	13	7.60%	9.38%	15.50%	20.41%	10.23%	-14.95%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	13	4.23%	7.40%	8.78%	31.00%	8.99%	0.00%
IWF	Russell 1000 Growth	Large Growth	13	3.47%	7.59%	8.99%	33.27%	9.17%	0.00%
IWO	Russell 2000 Growth	Small Growth	13	5.02%	9.06%	9.94%	27.19%	7.40%	-3.02%
XLF	Financial Select Sector	Financial Equities	13	3.70%	8.07%	10.16%	29.30%	10.65%	-0.45%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	13	3.28%	7.68%	9.25%	33.70%	9.59%	0.00%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	13	3.39%	6.44%	12.90%	30.08%	13.94%	-1.34%
KRE	SPDR S&P Region.Banking	Specialty-Financial	13	6.03%	9.36%	11.41%	25.84%	10.21%	-10.44%
PKW	PowerShares Buyback Achievers	All Cap Equities	13	3.55%	7.56%	10.25%	31.99%	9.44%	0.00%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	13	4.15%	7.01%	8.60%	30.66%	9.10%	-0.93%
VBK	Vanguard SmallCap Growth	Small Cap Growth	13	3.59%	7.85%	8.04%	31.56%	6.90%	0.00%
VUG	Vanguard Growth	Large Cap Growth	13	3.70%	7.21%	8.28%	34.69%	9.18%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	12	3.65%	9.59%	12.15%	20.78%	10.90%	-44.40%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	12	2.84%	11.68%	13.31%	21.90%	9.98%	-1.10%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	12	3.45%	6.93%	8.81%	30.75%	8.74%	0.00%
VHT	Vanguard Health Care	Health & Biotech Equiti	12	4.30%	11.66%	14.06%	18.75%	10.65%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	12	3.44%	6.85%	8.06%	28.42%	8.56%	0.00%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	12	7.56%	12.48%	13.31%	12.71%	8.40%	-6.42%
VV	Vanguard LargeCap	Large Cap Blend	12	3.39%	6.89%	8.07%	28.37%	8.54%	0.00%
XLV	Health Care Select SPDR	Health & Biotech Equiti	12	4.59%	11.35%	14.12%	18.37%	11.27%	0.00%
IVE	S&P 500/BARRA Value	Large Value	12	2.90%	6.43%	8.86%	27.86%	9.46%	0.00%
VTI	Total Stock Market VIPERs	All Cap Equities	12	3.52%	6.88%	8.04%	27.99%	8.26%	0.00%

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IYH	Dow Jones US Healthcare	Specialty-Health	12	4.23%	11.47%	13.98%	18.71%	10.81%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	12	3.43%	6.85%	8.07%	28.28%	8.55%	0.00%
VFH	Vanguard Financials	Financials Equities	12	3.36%	7.38%	8.96%	28.44%	9.61%	-0.35%
IWP	Russell MidCap Growth	Mid-Cap Growth	12	2.28%	6.14%	6.90%	33.48%	6.48%	-0.14%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	12	3.10%	8.44%	6.48%	31.42%	9.16%	-0.22%
EWZ	iShares Brazil Index	Latin America Stock	12	8.84%	5.48%	10.15%	21.86%	9.46%	-1.65%
MCHI	iShares MSCI China	China Equities	12	6.59%	9.15%	11.39%	20.20%	7.08%	-17.56%
IVV	S&P 500	Large Blend	11	2.78%	6.17%	7.42%	27.48%	7.82%	0.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	11	2.78%	6.23%	7.27%	27.06%	7.52%	0.00%
SPYG	S&P 500 Growth	Large Cap Growth	11	3.35%	6.63%	6.82%	28.22%	7.17%	0.00%
IVW	S&P 500/BARRA Growth	Large Growth	11	2.75%	6.01%	6.17%	27.28%	6.52%	0.00%
IWB	Russell 1000 Index	Large Blend	11	2.89%	6.34%	7.54%	27.65%	7.82%	0.00%
IWM	Russell 2000	Small Blend	11	5.07%	7.49%	8.76%	23.77%	7.31%	-4.21%
IWV	Russell 3000 Index	All Cap Equities	11	3.05%	6.42%	7.62%	27.39%	7.78%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	11	-1.61%	-3.40%	2.45%	46.44%	8.68%	-4.89%
SCHB	Schwab U.S. Broad Market	All Cap Equities	11	2.88%	6.26%	7.43%	27.40%	7.63%	0.00%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	11	4.58%	6.86%	7.88%	24.54%	6.39%	-3.39%
RSP	Guggenheim S&P Equal Weight	Large Blend	11	3.29%	5.79%	6.85%	26.19%	7.09%	0.00%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	11	3.02%	4.21%	6.00%	32.10%	3.98%	-16.87%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	11	3.28%	6.64%	6.73%	27.12%	6.46%	0.00%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	11	2.18%	4.59%	4.43%	31.75%	5.64%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	11	2.64%	6.13%	7.37%	27.62%	7.75%	0.00%
VO	Vanguard Mid-Cap	Mid-Cap Blend	11	2.88%	5.03%	5.73%	28.51%	6.39%	0.00%
VB	Vanguard SmallCap	Small Cap Blend	11	3.88%	6.61%	7.38%	25.71%	6.48%	0.00%
EWL	iShares Switzerland Index	Europe Stock	11	3.89%	5.94%	6.48%	27.25%	7.72%	0.00%
VOX	Vanguard Telecom Serv's	Communication Equitie	11	3.01%	6.82%	7.75%	26.92%	6.80%	-9.72%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	11	2.60%	5.08%	6.03%	31.74%	5.94%	0.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	11	3.05%	6.35%	6.55%	27.97%	6.85%	0.00%
IYF	Dow Jones US Financial Sector	Specialty-Financial	11	2.63%	5.00%	6.31%	28.83%	7.91%	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	11	3.10%	6.33%	7.50%	28.20%	8.37%	0.00%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	11	0.69%	-0.77%	4.01%	39.61%	7.37%	-2.89%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	11	3.70%	7.11%	7.81%	26.33%	6.81%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	10	2.34%	5.93%	7.38%	24.66%	7.69%	0.00%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	10	5.55%	7.00%	9.86%	17.22%	6.77%	-12.40%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	2.71%	7.12%	8.56%	22.71%	8.66%	-0.38%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	10	2.46%	4.95%	5.66%	27.35%	5.93%	-73.59%
VTV	Vanguard Value	Large Cap Value	10	3.00%	6.48%	7.82%	22.55%	7.85%	0.00%
XME	SPDR S&P Metals & Mining	Commodity Producers	10	8.18%	9.49%	12.34%	10.58%	6.07%	-26.07%
FV	First Trust VL Dividend	Large Cap Value Equiti	10	3.35%	5.51%	5.05%	24.48%	4.45%	-1.01%
MDY	MidCap Trust Series I	Mid-Cap Blend	10	3.86%	5.71%	6.49%	23.96%	6.39%	0.00%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	10	3.30%	4.98%	5.45%	25.11%	6.85%	0.00%
IYJ	Dow Jones US Industrial	Industrial Equities	10	0.70%	4.41%	4.80%	29.71%	5.56%	-1.13%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	10	4.09%	4.08%	5.35%	24.51%	7.02%	0.00%
EWN	iShares Netherlands Index	Europe Stock	10	3.34%	4.50%	6.63%	27.15%	7.16%	-1.76%

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VT	Vanguard Total World Stock Index	Global Equities	10	3.61%	6.24%	8.01%	23.79%	7.66%	0.00%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	10	5.67%	6.57%	7.74%	19.82%	6.78%	-7.54%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10	2.68%	5.90%	6.14%	27.04%	6.37%	0.00%
SIL	Global X Silver Miners	Commodity Producers	10	5.31%	5.92%	4.32%	23.66%	12.73%	-42.27%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	10	2.52%	5.78%	6.23%	24.29%	6.12%	0.00%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	10	4.05%	5.31%	8.54%	22.80%	5.81%	0.00%
IJH	S&P MidCap 400	Mid-Cap Blend	10	3.43%	5.30%	6.07%	23.40%	5.94%	-0.03%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	10	2.60%	5.82%	7.15%	26.04%	8.28%	0.00%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	10	5.84%	3.32%	1.70%	28.86%	9.94%	-24.68%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	10	0.13%	-6.31%	-4.00%	51.03%	3.94%	-38.95%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	10	3.84%	5.59%	6.85%	23.23%	6.80%	-0.01%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	10	3.19%	6.28%	7.50%	24.57%	7.86%	0.00%
IJR	S&P Sm.Cap 600	Small Blend	10	5.07%	6.05%	7.21%	21.03%	7.25%	-7.10%
RING	iShares MSCI Global Gold Miners Fund	Commodity Producers	10	2.47%	0.13%	-1.67%	37.92%	9.67%	-15.90%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	10	6.90%	12.66%	15.95%	5.16%	9.48%	-11.56%
EWD	iShares Sweden Index	Europe Stock	10	5.03%	4.70%	12.24%	16.86%	7.95%	-9.79%
IJS	S&P SmallCap 600/BARRA Value	Small Value	10	4.52%	5.58%	6.69%	22.18%	7.71%	-7.02%
OIH	Oil Services HOLDRs	Energy Equities	9	14.75%	14.95%	11.59%	-4.63%	-1.79%	-61.87%
KIE	SPDR S&P Insurance	Specialty-Financial	9	2.61%	3.79%	1.42%	26.30%	5.51%	-61.81%
ACWI	iShares MSCI ACWI	Global Equities	9	2.23%	4.69%	6.67%	22.71%	6.39%	-0.19%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	9	2.25%	4.82%	5.95%	24.64%	7.50%	-0.01%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	9	2.15%	5.06%	4.10%	24.40%	5.34%	0.00%
EWI	iShares Italy Index	Europe Stock	9	1.20%	4.05%	7.56%	22.18%	6.50%	-14.11%
IWD	Russell 1000 Value	Large Value	9	2.02%	4.83%	5.79%	22.06%	6.24%	-0.25%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	9	3.05%	4.98%	5.31%	23.62%	5.17%	-0.62%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	9	2.43%	6.15%	5.79%	21.98%	6.57%	0.00%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	9	3.14%	5.46%	8.86%	19.49%	10.07%	-11.50%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	9	2.61%	5.19%	7.63%	20.54%	9.54%	-3.83%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	9	0.94%	3.01%	8.06%	22.48%	6.85%	-4.09%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	9	2.03%	3.60%	6.04%	25.30%	6.25%	-0.90%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	2.07%	3.77%	7.83%	21.76%	6.73%	-8.37%
FXO	1st Trust Financials AlphaDEX	Financial Equities	9	2.45%	5.05%	5.08%	24.03%	5.74%	-0.18%
EWQ	iShares France Index	Europe Stock	9	2.02%	4.87%	7.88%	21.83%	6.46%	-4.21%
IWN	Russell 2000 Value	Small Value	9	4.78%	5.69%	7.24%	19.76%	6.88%	-6.06%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	9	4.58%	6.85%	7.46%	15.18%	4.15%	-16.68%
IWS	Russell MidCap Value	Mid-Cap Value	9	2.67%	4.17%	4.82%	23.10%	5.60%	0.00%
IYC	iShares US Consumer Services	Consumer Discretionar	9	2.45%	3.72%	4.94%	25.67%	4.66%	0.00%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	9	4.79%	6.08%	9.94%	13.77%	5.53%	-9.15%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	9	2.73%	5.30%	7.77%	19.23%	9.20%	-6.92%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	9	2.14%	4.34%	6.05%	23.85%	6.27%	-0.88%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	9	2.57%	4.34%	5.52%	23.53%	6.01%	-0.97%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	9	4.25%	3.20%	4.95%	24.87%	4.75%	0.00%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	9	3.86%	5.30%	7.93%	18.56%	6.72%	-8.24%
VGK	Vanguard European	Europe Equities	9	3.87%	5.13%	8.91%	19.66%	6.75%	-8.36%

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VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	9	3.27%	4.77%	7.44%	19.06%	6.50%	-7.75%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	9	2.33%	3.93%	3.54%	26.33%	6.18%	-0.39%
VIS	Vanguard Industrials	industrials Equities	9	0.35%	4.02%	4.60%	27.27%	5.40%	-1.45%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	9	2.24%	4.90%	5.62%	24.70%	5.21%	-0.12%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	9	4.10%	5.64%	8.57%	17.47%	6.54%	-12.52%
SCHD	Schwab US Dividend Equity	All Cap Equities	9	1.93%	4.52%	5.77%	22.57%	6.60%	-0.03%
VYM	Vanguard High Div. Yield Index	Large Cap Value	9	3.19%	5.53%	6.14%	20.34%	6.70%	0.00%
RPV	Guggenheim S&P 500 Pure Value	Large Value	9	2.36%	5.19%	6.54%	21.49%	6.68%	-2.84%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	9	2.98%	4.56%	4.05%	24.87%	6.48%	0.00%
VBR	Vanguard SmallCap Value	Small Cap Value	9	4.07%	5.58%	6.65%	20.69%	6.01%	-3.69%
VXUS	Vanguard Total International Stock	Global Equities	9	3.88%	5.17%	7.98%	18.38%	6.68%	-8.62%
XLI	Industrial Select Sector	Industrial Equities	9	0.27%	4.30%	4.68%	26.49%	5.35%	-1.25%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	9	4.42%	2.95%	3.90%	26.02%	4.57%	0.00%
XLB	Materials Select Sector	Materials	9	2.85%	5.71%	5.27%	20.59%	5.85%	-4.95%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	8	2.79%	4.35%	6.33%	16.64%	6.78%	-9.16%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	2.20%	3.29%	4.82%	23.56%	5.80%	-0.73%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	8	1.56%	3.17%	4.86%	21.43%	5.72%	-1.37%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	8	3.16%	5.49%	6.05%	19.17%	5.29%	0.00%
VAW	Vanguard Materials VIPERS	Materials	8	2.61%	5.38%	5.42%	19.62%	5.34%	-8.27%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	8	2.46%	-0.15%	-2.24%	30.30%	7.69%	-12.26%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	8	2.09%	4.66%	5.51%	21.16%	5.91%	0.00%
XRT	SPDR S&P Retail	Consumer Discretionar	8	5.94%	4.33%	9.10%	11.78%	6.83%	-12.72%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	1.55%	3.63%	7.25%	18.49%	5.81%	-11.26%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	8	2.34%	4.70%	6.11%	18.53%	6.19%	-5.81%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	8	4.23%	5.91%	8.89%	14.54%	5.88%	-12.85%
IEV	S&P Europe 350 Index	Europe Stock	8	2.93%	3.97%	7.46%	18.53%	5.71%	-8.56%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	8	2.49%	3.55%	4.75%	19.92%	4.96%	-62.62%
MOO	VanEck Vectors Agribusiness	Commodity Producers	8	3.31%	3.97%	4.15%	20.05%	4.81%	-0.09%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	8	3.85%	5.00%	8.14%	13.98%	5.60%	-14.52%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	8	3.16%	3.81%	8.79%	15.92%	7.15%	-7.25%
EZU	European Monetary Union Index	Europe Stock	8	1.99%	3.23%	7.31%	18.45%	5.40%	-11.84%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	8	4.47%	5.81%	7.85%	12.66%	4.59%	-12.44%
SDY	SPDR Dividend ETF	Large Value	8	2.54%	3.56%	5.43%	20.39%	6.04%	0.00%
EWK	iShares Belgium Index	Europe Stock	8	1.75%	2.06%	5.04%	21.18%	5.37%	-13.91%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	8	3.11%	4.49%	7.38%	15.68%	5.34%	-12.42%
XLP	Consumer Staples Select	Consumer Staples	8	2.83%	2.75%	3.19%	24.34%	6.34%	0.00%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	7	3.77%	5.79%	5.96%	12.94%	3.51%	-6.63%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	7	2.34%	2.52%	2.58%	22.08%	5.32%	0.00%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	7	-0.75%	1.14%	3.68%	22.74%	4.39%	-1.76%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	7	1.81%	3.20%	6.05%	17.91%	5.32%	-8.46%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	7	3.44%	4.49%	7.77%	13.02%	5.14%	-14.99%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	7	0.55%	1.97%	3.71%	20.15%	4.68%	-1.18%
GSG	iShares GSCI Commodity Index	Commodities.	7	3.52%	4.52%	5.55%	15.34%	4.04%	-13.62%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	7	1.90%	4.33%	2.90%	17.06%	5.16%	-3.97%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	7	1.00%	3.58%	5.09%	19.05%	5.35%	-0.67%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7	1.56%	2.12%	1.53%	24.27%	4.51%	0.00%
EWU	iShares United Kingdom Index	Europe Stock	7	3.49%	3.14%	6.82%	14.28%	4.09%	-11.46%
EWJ	iShares Japan Index	Japan Stock	7	0.55%	2.99%	4.47%	18.09%	7.12%	-7.44%
EWG	iShares Germany Index	Europe Stock	7	1.35%	2.85%	9.46%	15.46%	5.63%	-17.90%
EWC	iShares Canada Index	Foreign Large Cap Equ	7	0.14%	2.64%	2.11%	23.41%	3.60%	-2.79%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	7	18.55%	14.63%	7.68%	-11.32%	-7.84%	-66.32%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	7	1.98%	3.26%	6.04%	17.61%	5.22%	-8.13%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	3.72%	3.69%	4.98%	16.96%	5.27%	-66.42%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	7	1.74%	1.68%	2.01%	21.06%	3.87%	-0.13%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	2.11%	3.26%	5.81%	16.40%	4.85%	-9.12%
EWI	iShares Mexico Index	Latin America Stock	7	4.35%	2.81%	7.49%	11.85%	5.51%	-20.06%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	7	1.52%	0.54%	-0.07%	24.16%	4.03%	-0.07%
IYM	Dow Jones US Basic Mat's	Materials	7	2.15%	5.96%	5.25%	15.04%	4.41%	-10.61%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	7	4.04%	1.45%	5.25%	18.17%	0.59%	-8.24%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	7	3.27%	3.93%	7.36%	13.49%	5.32%	-12.49%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	2.20%	3.58%	6.04%	16.90%	5.07%	-9.57%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	7	1.40%	3.90%	6.66%	17.15%	4.95%	-12.84%
SCHF	Schwab International Equity	Foreign Large Cap Equ	7	1.03%	2.26%	4.86%	17.95%	4.72%	-8.01%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	6	-3.26%	1.35%	-2.00%	29.12%	3.30%	-4.49%
IYT	Dow Jones Transportation	Transportation Equities	6	0.97%	1.13%	3.68%	17.50%	2.61%	-7.00%
HDV	iShares Core High Dividend	Large Cap Value Equiti	6	2.14%	3.82%	3.98%	15.60%	3.49%	-0.17%
FXI	iShares China 25 Index	China Equities	6	3.67%	4.07%	7.52%	9.80%	2.87%	-20.54%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	6	2.51%	2.39%	3.11%	14.58%	3.71%	0.00%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	6	1.18%	1.58%	3.77%	15.70%	3.64%	-5.73%
DVY	iShares Select Dividend Index	Large Cap Value	6	2.12%	2.55%	3.36%	17.72%	4.87%	0.00%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	6	3.81%	5.13%	5.70%	10.28%	4.74%	-1.32%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	1.67%	2.71%	3.53%	18.00%	4.69%	0.00%
XLU	Utilities Select Sector	Utilities Equities	6	2.65%	-0.26%	-0.43%	22.17%	5.79%	-0.43%
DBC	PowerShares DB Commodity Index	Commodities	6	3.27%	3.93%	5.77%	11.32%	3.93%	-13.00%
ILF	iShares S&P 40 Latin America	Latin America Stock	6	5.96%	2.29%	6.76%	10.22%	4.00%	-14.00%
PPLT	ETFS Physical Platinum Shares	Precious Metals	5	1.99%	1.15%	-0.02%	16.96%	6.61%	-22.33%
INDA	iShares MSCI India	Emerging Markets Equi	5	3.24%	4.70%	5.52%	6.15%	3.47%	-7.02%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5	4.38%	4.20%	8.88%	4.54%	6.10%	-22.15%
IYZ	Down Jones US Telecom	Commun. Equities	5	1.22%	1.99%	1.88%	12.94%	0.84%	-18.56%
EWA	iShares Australia Index	Asia Pacific Equities	5	0.85%	-0.13%	1.44%	17.40%	1.98%	-6.26%
VPU	Vanguard Utilities VIPERS	Utilities Equities	5	1.89%	-1.26%	-1.45%	20.48%	4.51%	-1.78%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	5	1.40%	1.61%	5.40%	10.42%	3.63%	-16.18%
JXI	iShares S&P Global Utilities	Utilities Equities	5	1.57%	-1.02%	-0.58%	18.35%	4.25%	-1.02%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5	1.00%	0.93%	0.66%	19.27%	4.60%	-1.82%
IDU	Dow Jones US Utilities	Utilities Equities	5	1.98%	-1.18%	-1.42%	19.95%	4.46%	-1.42%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	5	3.99%	5.40%	5.73%	5.11%	1.31%	-30.80%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	0.46%	0.22%	0.53%	13.19%	2.87%	-1.08%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	4	2.68%	1.24%	1.06%	11.54%	2.22%	-4.78%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XLE	Energy Select Sector	Energy Equities	4	2.23%	3.95%	2.90%	7.01%	-0.13%	-22.23%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	4	0.70%	0.68%	2.86%	13.07%	0.21%	-8.53%
EWH	iShares Hong Kong Index	China Equities	4	1.91%	2.48%	5.49%	6.34%	-2.76%	-11.57%
RWX	SPDR DJ Wil Intern. RE	Real Estate	4	0.47%	-0.56%	2.97%	14.86%	3.14%	-5.85%
EWP	iShares Spain Index	Europe Stock	4	2.45%	-0.07%	4.34%	7.46%	1.33%	-20.47%
IYR	Dow Jones US Real Estate	Real Estate	4	-0.61%	-3.82%	-2.49%	22.00%	1.26%	-4.12%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	0.59%	0.86%	1.54%	12.97%	2.41%	-2.05%
PIN	PowerShares India Portfolio	Emerging Markets Equi	4	3.16%	3.70%	5.15%	5.50%	3.48%	-51.70%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	4	-0.05%	0.08%	0.19%	17.20%	2.73%	-0.83%
VNQ	Vanguard REIT Index	Real Estate	4	-0.89%	-4.08%	-2.71%	22.13%	1.00%	-4.39%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	0.14%	0.03%	0.38%	10.26%	1.99%	-0.79%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	3	1.51%	0.16%	0.25%	9.38%	1.26%	-3.65%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	3	-2.81%	-1.74%	-5.34%	20.82%	3.20%	-10.42%
FXN	1st Trust Energy AlphaDEX	Energy Equities	3	10.59%	7.82%	4.87%	-10.17%	-3.64%	-43.12%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	3	1.73%	0.61%	0.78%	8.32%	1.34%	-1.26%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	3	2.21%	1.10%	1.03%	9.11%	-3.34%	-66.15%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	3	1.62%	0.60%	0.78%	8.81%	1.72%	-1.04%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	3	-1.44%	0.38%	3.32%	8.42%	-0.05%	-15.01%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	0.65%	0.50%	1.42%	11.36%	2.32%	-1.09%
IAU	iShares Gold Trust	Precious Metals	3	0.93%	-1.67%	-1.81%	14.97%	4.48%	-5.04%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	3	11.43%	9.40%	3.40%	-11.80%	-6.31%	-47.50%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3	1.85%	1.47%	1.31%	9.17%	1.97%	-0.05%
VDE	Vanguard Energy VIPERS	Energy Equities	3	2.47%	3.46%	1.91%	3.93%	-1.83%	-26.42%
BLV	Vanguard Long Term Bond	Long-Term Bond	3	-0.46%	-0.37%	-1.34%	15.35%	3.16%	-4.31%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	3	1.15%	-0.40%	0.27%	11.36%	1.51%	-3.04%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	3	3.18%	4.48%	5.15%	-2.30%	2.80%	-27.92%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	3	1.13%	-0.05%	0.53%	8.64%	1.40%	-3.43%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	3	-0.54%	-3.30%	-0.73%	16.36%	1.12%	-3.54%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	3	-2.74%	5.25%	1.27%	6.96%	6.77%	-44.23%
GLD	SPDR Gold Shares	Precious Metals	3	1.00%	-1.52%	-1.70%	14.95%	4.54%	-4.96%
DJP	Bloomberg Commodity Index	Commodities	3	2.58%	1.48%	2.81%	6.79%	2.43%	-11.76%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	0.46%	-0.72%	-0.16%	9.26%	1.05%	-7.15%
EDV	Vanguard Extended Duration Treasury	Government Bonds	2	-2.88%	-2.02%	-5.12%	17.34%	2.21%	-10.17%
RWR	Wilshire REIT Fund	Real Estate	2	-1.18%	-5.13%	-3.29%	17.78%	-0.27%	-5.13%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	2	2.01%	1.65%	1.06%	4.96%	0.79%	-2.39%
PZA	Pshares Insured National Munis	National Munis	2	0.30%	0.42%	-0.08%	6.04%	0.94%	-1.30%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	0.16%	0.47%	0.24%	6.52%	1.23%	-1.23%
IGE	iShares North American Natural Resources	Commodity Producers	2	-0.14%	1.31%	0.24%	8.35%	-1.23%	-22.58%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	2	1.65%	0.38%	0.02%	5.08%	0.30%	-1.94%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	2	1.15%	-1.46%	-2.02%	8.59%	0.90%	-2.90%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	2	1.35%	0.92%	2.24%	4.46%	1.77%	-14.59%
FXB	CurrencyShares British Pound	Currency	2	0.81%	1.30%	5.63%	2.05%	2.47%	-13.25%
ICF	Cohen & Steers Realty	Real Estate	2	-1.36%	-5.80%	-4.64%	19.94%	-0.68%	-5.99%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	1	-2.21%	-1.86%	-4.01%	12.17%	1.39%	-7.45%



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BAB	PowerShares Build America Bond Portfolio	National Munis	1	-0.66%	-0.25%	-1.52%	7.11%	0.81%	-3.87%
BSV	Vanguard Short Term Bond	Total Bond Market	1	-0.10%	-0.24%	-0.11%	2.62%	0.37%	-0.65%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.03%	0.06%	-0.16%	4.43%	0.58%	-1.28%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-0.45%	0.04%	-1.26%	4.95%	0.92%	-1.44%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	-0.27%	-0.26%	-0.43%	5.95%	1.09%	-1.46%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	1	-2.41%	-3.11%	-0.24%	9.36%	-1.45%	-6.78%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	-0.52%	-0.54%	-0.65%	5.48%	0.74%	-1.77%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.29%	-0.82%	-1.58%	6.76%	0.78%	-2.20%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	0.25%	-0.08%	-0.12%	3.61%	0.50%	-2.33%
TLT	iShares 20+ Treas. Bd	Government Bonds	1	-2.33%	-1.96%	-4.15%	12.31%	1.37%	-7.67%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.32%	-0.23%	-0.49%	5.12%	0.62%	-1.43%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.43%	-0.53%	-0.50%	3.99%	0.43%	-1.25%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	0.11%	-0.80%	-0.76%	3.48%	0.32%	-3.51%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1	-0.46%	-0.71%	-0.69%	7.23%	0.96%	-2.00%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	-0.14%	-0.18%	0.14%	3.24%	0.59%	-0.43%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.47%	0.69%	0.96%	3.34%	0.67%	-0.40%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.83%	-0.17%	-0.26%	4.04%	-0.14%	-3.50%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	1.35%	0.15%	-0.15%	3.65%	-0.10%	-4.12%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	-0.16%	-0.12%	-0.25%	6.38%	0.83%	-1.84%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	-0.45%	-0.43%	-0.62%	5.46%	0.85%	-1.60%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.01%	-0.16%	0.04%	3.93%	0.62%	-0.37%
SCHH	Schwab U.S. REIT	Real Estate	1	-2.36%	-6.27%	-4.45%	17.14%	-1.24%	-6.27%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	-1.28%	-1.38%	-1.73%	5.83%	0.33%	-3.47%
SLV	iShares Silver Trust	Precious Metals	0	-0.31%	-4.26%	-4.38%	9.78%	4.71%	-18.67%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	0	-1.95%	-1.95%	-3.27%	7.97%	0.31%	-5.75%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-0.70%	-0.77%	-0.85%	3.38%	0.13%	-1.97%
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%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	-0.92%	-0.96%	-1.33%	5.11%	0.35%	-2.70%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.26%	-0.33%	-0.24%	1.09%	-0.02%	-0.95%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.30%	-0.36%	-0.30%	1.00%	-0.04%	-1.08%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	0	-3.81%	-4.70%	-1.50%	10.30%	-2.15%	-11.25%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.12%	-0.16%	-0.14%	1.07%	0.00%	-0.31%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	-0.68%	-0.80%	-0.93%	3.89%	0.28%	-2.21%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	-0.07%	-0.07%	0.47%	0.06%	-0.10%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.13%	-0.23%	-0.13%	1.15%	0.10%	-1.03%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-0.87%	-1.01%	-1.14%	3.57%	0.06%	-2.40%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	0	-1.75%	-2.54%	0.24%	5.96%	-2.38%	-16.37%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	0	-0.80%	-2.05%	-2.08%	4.83%	-3.39%	-14.67%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	0	-3.21%	-9.18%	-7.32%	18.38%	-1.99%	-9.57%
FXE	CurrencyShares Euro Currency Trust	Currency	0	0.53%	0.08%	1.68%	-3.65%	-0.54%	-12.44%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
IXC	S&P Global Energy	Energy Equities	0	-2.65%	-1.04%	-0.72%	3.75%	-3.50%	-22.70%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-1	2.04%	1.45%	3.77%	-12.68%	-2.84%	-20.04%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-1	-1.62%	-0.22%	-1.44%	1.25%	-4.72%	-27.35%
FXY	CurrencyShares Japanese Yen Trust	Currency	-1	-0.61%	-0.63%	-1.35%	-0.18%	-0.80%	-10.07%
EWM	iShares Malaysia Index	Emerging Markets Equi	-1	0.68%	1.44%	1.04%	-5.34%	-1.86%	-22.73%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-3	3.91%	2.45%	6.91%	-25.14%	-6.68%	-38.35%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-3	-1.36%	-9.49%	-10.41%	9.94%	5.30%	-48.74%
EZA	iShares South Africa Index	Emerging Markets Equi	-4	-6.14%	-4.33%	-0.69%	-3.59%	-6.33%	-35.98%
ECH	iShares Chile Index	Latin America	-8	4.29%	-9.19%	-9.92%	-18.91%	-12.61%	-40.22%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-8	-2.86%	-3.89%	-6.39%	-17.07%	-6.50%	-31.41%
DOG	ProShares Short Dow 30	Bear Market	-8	-2.26%	-5.71%	-5.37%	-18.99%	-6.69%	-44.44%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-10	-3.15%	-6.08%	-7.08%	-22.53%	-8.22%	-41.73%
RWM	ProShares Short Russell2000	Inverse Equities	-10	-5.08%	-7.19%	-8.16%	-20.71%	-7.80%	-41.32%
PSQ	ProShares Short QQQ	Inverse Equities	-12	-4.31%	-7.82%	-9.99%	-27.67%	-10.50%	-55.27%
UNG	U.S. Natural Gas Fund	Oil & Gas	-17	-12.78%	-9.74%	-15.99%	-28.77%	-15.03%	-80.07%
HDGE	Ranger Equity Bear	Inverse Equities	-18	-7.60%	-14.26%	-17.00%	-35.11%	-15.78%	-51.29%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-67	0.92%	-90.15%	-90.17%	-88.48%	-87.79%	-90.49%