

# HV ETF Master List as of 11/14/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	21	7.81%	9.67%	16.17%	52.31%	17.76%	-0.46%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	20	7.67%	8.29%	14.01%	49.60%	16.28%	-0.47%
ITB	iShares DJ US Home Construction	Building and Constructi	17	0.82%	6.69%	10.86%	50.87%	15.69%	-2.01%
VGT	Vanguard Info Technology	Technolgy Equities	15	5.87%	5.82%	7.84%	38.74%	10.35%	-0.12%
IYW	Dow Jones US Technology	Technology Equities	15	5.85%	5.93%	8.98%	37.53%	10.65%	-0.14%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	15	1.57%	6.07%	9.11%	41.36%	11.15%	-1.67%
XLK	Technology Select	Technology Equities	15	5.94%	6.24%	8.43%	39.63%	11.34%	-0.12%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	14	7.95%	6.36%	16.80%	26.63%	9.76%	-7.35%
RSX	Market Vectors Russia	Emerging Markets Equi	13	6.06%	3.99%	10.91%	30.61%	9.77%	-2.78%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	13	3.57%	8.16%	15.07%	24.86%	12.08%	-2.28%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	12	5.65%	4.45%	10.24%	29.41%	8.96%	-0.44%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	12	4.07%	4.45%	7.13%	30.58%	8.28%	-0.08%
PKW	PowerShares Buyback Achievers	All Cap Equities	12	6.13%	5.58%	9.66%	28.43%	8.23%	-0.52%
XLI	Industrial Select Sector	Industrial Equities	11	5.28%	3.80%	8.76%	26.86%	6.80%	-0.11%
IVE	S&P 500/BARRA Value	Large Value	11	4.69%	4.38%	9.03%	24.33%	8.17%	-0.14%
EWI	iShares Italy Index	Europe Stock	11	3.78%	5.65%	11.72%	21.23%	6.74%	-14.78%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	11	4.12%	6.15%	12.00%	21.43%	7.49%	-4.91%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	11	-3.80%	-2.32%	0.12%	51.31%	6.38%	-38.84%
IYJ	Dow Jones US Industrial	Industrial Equities	11	4.66%	3.61%	7.08%	29.37%	6.68%	0.00%
VFH	Vanguard Financials	Financials Equities	11	5.39%	3.61%	9.77%	24.16%	7.60%	-1.90%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	11	4.28%	6.09%	16.35%	15.95%	7.93%	-14.11%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	11	4.55%	0.70%	5.49%	34.00%	8.84%	0.00%
KBE	SPDR S&P Bank	Specialty-Financial	11	6.03%	4.37%	11.77%	22.78%	5.73%	-11.57%
VIS	Vanguard Industrials	industrials Equities	11	5.23%	3.86%	8.79%	27.72%	7.02%	-0.16%
XLF	Financial Select Sector	Financial Equities	11	5.81%	4.51%	10.79%	24.56%	8.46%	-1.66%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	10	3.10%	3.74%	8.58%	23.71%	6.32%	-0.78%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	10	3.40%	4.91%	13.93%	17.05%	7.63%	-6.62%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	10	2.88%	4.12%	9.62%	23.82%	6.66%	-0.50%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	10	3.86%	4.17%	7.33%	25.81%	6.68%	-0.46%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	6.00%	4.36%	10.74%	20.05%	7.43%	-2.54%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10	3.53%	3.38%	5.60%	28.57%	7.42%	0.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	10	3.42%	3.73%	6.22%	26.00%	6.50%	0.00%
KRE	SPDR S&P Region.Banking	Specialty-Financial	10	6.24%	3.81%	11.18%	19.43%	4.81%	-15.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	3.15%	2.85%	4.96%	29.63%	7.40%	0.00%
IWF	Russell 1000 Growth	Large Growth	10	3.28%	3.16%	4.71%	28.09%	6.88%	0.00%
VUG	Vanguard Growth	Large Cap Growth	10	3.00%	2.90%	4.59%	29.52%	6.99%	0.00%
BBH	VanEck Vectors Biotech	Health & Biotech	10	8.63%	7.18%	4.59%	18.85%	5.60%	-3.56%
IWV	Russell 3000 Index	All Cap Equities	9	3.42%	2.66%	5.61%	23.29%	5.79%	0.00%
VAW	Vanguard Materials VIPERS	Materials	9	5.13%	3.05%	7.97%	18.70%	5.39%	-8.97%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	9	3.81%	3.48%	8.71%	21.65%	5.18%	-2.16%
VTI	Total Stock Market VIPERs	All Cap Equities	9	3.39%	3.04%	5.55%	23.29%	5.74%	0.00%

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SCHB	Schwab U.S. Broad Market	All Cap Equities	9	3.48%	2.58%	5.64%	23.54%	5.85%	0.00%
IYF	Dow Jones US Financial Sector	Specialty-Financial	9	3.37%	2.44%	6.63%	25.40%	6.74%	-0.08%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	9	3.26%	3.15%	6.63%	22.25%	7.02%	0.00%
IGV	iShares North American Tech-Software	Technology Equities	9	4.75%	2.40%	2.60%	28.07%	3.52%	-3.40%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	9	3.15%	2.72%	5.56%	23.86%	6.32%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	9	3.43%	2.81%	5.88%	23.86%	6.33%	0.00%
IWP	Russell MidCap Growth	Mid-Cap Growth	9	2.86%	2.12%	2.47%	29.35%	4.73%	-0.82%
IWB	Russell 1000 Index	Large Blend	9	3.48%	2.79%	5.72%	23.74%	6.07%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	9	3.05%	2.81%	5.36%	25.17%	5.82%	-0.17%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	3.74%	2.84%	8.07%	19.75%	4.36%	-2.83%
VV	Vanguard LargeCap	Large Cap Blend	9	3.45%	3.24%	5.82%	23.79%	6.26%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9	3.45%	2.78%	5.78%	23.90%	6.18%	0.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	9	3.46%	2.57%	5.58%	23.27%	5.77%	0.00%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	9	4.99%	4.01%	8.81%	16.76%	5.45%	-7.21%
IVV	S&P 500	Large Blend	9	3.45%	2.78%	5.86%	23.72%	6.25%	0.00%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	9	7.42%	8.39%	8.85%	11.62%	8.08%	-8.64%
EWD	iShares Sweden Index	Europe Stock	9	5.00%	5.87%	13.92%	13.03%	5.29%	-12.74%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	9	2.90%	3.07%	7.31%	21.37%	5.23%	-0.68%
EWQ	iShares France Index	Europe Stock	9	3.09%	4.21%	8.74%	19.57%	5.62%	-5.99%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	9	2.86%	3.38%	8.64%	19.80%	5.48%	-0.90%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	9	2.90%	3.31%	8.62%	19.71%	5.44%	-0.95%
XLB	Materials Select Sector	Materials	9	4.86%	2.79%	7.28%	19.58%	6.14%	-5.74%
EWN	iShares Netherlands Index	Europe Stock	9	1.68%	2.71%	8.16%	23.92%	5.87%	-4.26%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	9	0.57%	0.85%	4.30%	29.27%	2.28%	-18.65%
EWJ	iShares Japan Index	Japan Stock	9	3.41%	4.13%	11.33%	17.26%	7.79%	-8.09%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	9	3.32%	4.90%	13.89%	15.67%	7.03%	-9.70%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	9	3.85%	2.86%	7.34%	20.84%	5.89%	-0.39%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	9	3.64%	3.27%	6.98%	22.81%	7.19%	0.00%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	2.22%	4.18%	8.93%	19.12%	5.69%	-10.36%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	9	4.33%	3.47%	7.81%	21.87%	6.66%	-0.41%
RPV	Guggenheim S&P 500 Pure Value	Large Value	9	4.97%	3.49%	10.16%	19.35%	5.60%	-4.56%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	9	3.45%	2.81%	5.90%	23.72%	6.29%	0.00%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	8	3.38%	2.09%	6.27%	18.69%	4.80%	-0.59%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	2.31%	4.42%	8.98%	16.17%	4.76%	-12.99%
MDY	MidCap Trust Series I	Mid-Cap Blend	8	2.86%	1.93%	5.41%	19.93%	3.66%	-2.82%
ACWI	iShares MSCI ACWI	Global Equities	8	2.90%	3.18%	6.87%	19.83%	5.12%	-0.85%
IVW	S&P 500/BARRA Growth	Large Growth	8	2.35%	1.43%	3.25%	23.24%	4.65%	0.00%
IWD	Russell 1000 Value	Large Value	8	3.58%	2.20%	6.66%	19.52%	5.18%	-0.29%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	8	2.90%	2.51%	5.97%	19.31%	5.35%	0.00%
IYM	Dow Jones US Basic Mat's	Materials	8	5.94%	2.96%	8.70%	14.84%	4.81%	-10.76%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	8	3.62%	2.21%	5.02%	22.30%	4.06%	-0.22%
SCHF	Schwab International Equity	Foreign Large Cap Equ	8	2.53%	3.36%	8.43%	17.11%	4.92%	-8.67%
SCHD	Schwab US Dividend Equity	All Cap Equities	8	3.51%	2.79%	6.68%	20.67%	6.28%	-0.47%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	8	2.91%	3.74%	8.57%	15.40%	4.11%	-14.14%

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IJS	S&P SmallCap 600/BARRA Value	Small Value	8	3.69%	2.52%	8.96%	18.51%	4.88%	-9.81%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	8	2.93%	1.73%	4.57%	24.05%	4.36%	-74.27%
IWS	Russell MidCap Value	Mid-Cap Value	8	3.03%	1.39%	5.86%	20.25%	4.02%	-1.10%
RSP	Guggenheim S&P Equal Weight	Large Blend	8	3.49%	2.17%	6.06%	22.25%	4.88%	-0.06%
IYT	Dow Jones Transportation	Transportation Equities	8	3.52%	3.02%	7.49%	18.26%	3.74%	-6.40%
EZU	European Monetary Union Index	Europe Stock	8	1.88%	3.64%	8.55%	16.23%	4.30%	-13.50%
VBK	Vanguard SmallCap Growth	Small Cap Growth	8	2.70%	1.26%	2.08%	25.94%	3.44%	-1.17%
VBR	Vanguard SmallCap Value	Small Cap Value	8	3.50%	2.76%	6.99%	17.11%	3.17%	-6.56%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	8	3.26%	3.11%	7.19%	18.31%	4.12%	-63.12%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8	3.58%	1.39%	5.58%	21.18%	4.26%	-0.55%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	8	2.82%	3.28%	5.63%	19.57%	3.80%	-2.57%
VB	Vanguard SmallCap	Small Cap Blend	8	3.11%	2.02%	4.59%	21.09%	3.25%	-3.61%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	8	4.16%	3.53%	7.28%	18.47%	5.98%	-0.74%
VT	Vanguard Total World Stock Index	Global Equities	8	3.02%	2.71%	6.52%	19.29%	4.91%	-2.06%
EWG	iShares Germany Index	Europe Stock	8	2.93%	5.45%	10.76%	13.69%	4.92%	-19.16%
VOX	Vanguard Telecom Serv's	Communication Equitie	8	2.09%	1.70%	4.87%	22.80%	4.67%	-12.65%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	8	1.75%	1.35%	1.87%	27.13%	3.65%	-1.19%
EWL	iShares Switzerland Index	Europe Stock	8	2.42%	2.42%	3.85%	22.40%	5.22%	-0.62%
VO	Vanguard Mid-Cap	Mid-Cap Blend	8	2.42%	1.73%	4.15%	24.46%	4.28%	0.00%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	8	3.08%	2.16%	6.48%	21.58%	4.91%	-1.66%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8	3.91%	1.84%	5.12%	20.91%	4.27%	-0.03%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	8	2.65%	0.51%	1.76%	25.81%	6.34%	-0.14%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8	2.32%	1.41%	3.16%	23.11%	4.56%	0.00%
VTV	Vanguard Value	Large Cap Value	8	3.91%	3.56%	7.14%	18.54%	5.53%	-0.51%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	8	2.39%	3.42%	8.40%	15.89%	4.44%	-10.02%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	8	3.37%	1.95%	4.25%	21.33%	3.36%	-3.24%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	8	2.37%	1.45%	3.30%	23.59%	4.73%	0.00%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	8	2.87%	3.25%	6.34%	21.44%	5.70%	-2.17%
IJH	S&P MidCap 400	Mid-Cap Blend	8	2.88%	1.90%	5.39%	19.88%	3.63%	-2.88%
EWC	iShares Canada Index	Foreign Large Cap Equ	8	3.00%	1.34%	6.10%	23.33%	4.45%	-2.86%
SPYG	S&P 500 Growth	Large Cap Growth	8	2.37%	1.44%	3.30%	23.45%	4.71%	0.00%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	7	6.62%	4.99%	4.45%	13.92%	3.24%	-67.77%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	2.07%	2.82%	7.65%	14.01%	3.42%	-10.98%
KIE	SPDR S&P Insurance	Specialty-Financial	7	1.59%	-0.42%	3.20%	23.90%	5.03%	-62.54%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	7	3.98%	4.87%	7.34%	11.13%	2.88%	-12.88%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	7	3.30%	6.10%	15.26%	2.51%	3.35%	-23.66%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	7	5.21%	4.61%	4.20%	15.00%	4.81%	-6.69%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	7	2.62%	4.03%	9.54%	12.11%	3.24%	-20.81%
IEV	S&P Europe 350 Index	Europe Stock	7	2.40%	3.69%	7.98%	15.52%	3.84%	-10.89%
IYC	iShares US Consumer Services	Consumer Discretionar	7	0.94%	0.77%	2.69%	23.48%	4.31%	-1.53%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	2.11%	2.98%	7.77%	14.35%	3.53%	-11.54%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	7	3.99%	4.87%	5.92%	14.07%	6.07%	-47.49%
IWM	Russell 2000	Small Blend	7	3.10%	1.50%	5.38%	18.07%	2.81%	-8.62%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	7	2.40%	3.32%	8.21%	15.50%	4.22%	-9.78%

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DHS	Wisdom Tree High-Yield Equity	Large Cap Value	7	2.42%	2.03%	5.38%	16.39%	4.03%	-0.45%
IWN	Russell 2000 Value	Small Value	7	3.08%	2.15%	7.91%	15.48%	3.29%	-9.42%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	7	2.18%	3.59%	10.19%	12.57%	4.54%	-9.92%
IWO	Russell 2000 Growth	Small Growth	7	3.28%	1.15%	3.11%	20.55%	2.43%	-8.08%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	2.64%	2.07%	7.89%	14.31%	2.90%	-67.18%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	7	1.96%	1.03%	2.25%	21.00%	4.74%	-0.26%
USO	U.S. Oil Fund	Oil & Gas.	7	5.59%	-2.30%	3.30%	23.29%	-0.32%	-25.93%
SIL	Global X Silver Miners	Commodity Producers	7	3.69%	1.33%	4.12%	19.06%	10.22%	-44.41%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	1.27%	0.42%	-0.72%	28.18%	4.53%	-1.72%
SDY	SPDR Dividend ETF	Large Value	7	2.63%	2.48%	6.25%	18.00%	4.96%	-0.53%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	2.58%	2.81%	7.88%	15.53%	4.14%	-10.48%
VEU	Vanguard FTSE All-World ex-US	Global Equities	7	2.30%	2.60%	7.50%	14.15%	3.47%	-11.65%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	3.26%	1.50%	4.33%	19.64%	2.70%	-7.18%
VGK	Vanguard European	Europe Equities	7	2.35%	3.09%	7.49%	15.36%	3.72%	-11.66%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	7	2.75%	1.18%	2.18%	22.02%	3.36%	-0.69%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	7	1.30%	0.72%	2.83%	23.82%	5.69%	0.00%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	7	2.92%	3.20%	9.59%	13.84%	5.00%	-11.34%
VXUS	Vanguard Total International Stock	Global Equities	7	2.16%	2.65%	7.36%	14.02%	3.46%	-11.98%
VYM	Vanguard High Div. Yield Index	Large Cap Value	7	2.88%	1.73%	5.59%	16.67%	4.41%	-0.59%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	7	-0.55%	-3.31%	-4.41%	34.96%	10.45%	-17.71%
XRT	SPDR S&P Retail	Consumer Discretionar	7	2.52%	5.51%	10.83%	8.37%	3.41%	-15.39%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	1.14%	0.87%	2.35%	19.58%	3.60%	-0.62%
EWU	iShares United Kingdom Index	Europe Stock	6	1.72%	2.75%	8.07%	10.94%	1.22%	-14.04%
XLV	Health Care Select SPDR	Health & Biotech Equiti	6	3.62%	3.88%	5.03%	10.31%	4.77%	-0.46%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	6	1.12%	2.94%	7.10%	11.52%	2.00%	-15.57%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	6	2.34%	0.67%	0.82%	21.43%	4.29%	-1.08%
VHT	Vanguard Health Care	Health & Biotech Equiti	6	3.78%	3.56%	4.33%	10.72%	4.12%	-1.70%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	6	-0.51%	-0.17%	1.98%	21.19%	2.84%	-2.32%
XLP	Consumer Staples Select	Consumer Staples	6	1.14%	0.72%	1.12%	20.74%	5.02%	-0.50%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	6	4.46%	1.36%	8.62%	8.49%	0.52%	-15.68%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	6	0.98%	9.45%	9.94%	5.24%	0.85%	-5.83%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	6	8.54%	3.02%	8.09%	5.54%	4.97%	-44.97%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	6	-0.07%	-0.56%	1.47%	22.81%	4.30%	-1.16%
IJR	S&P Sm.Cap 600	Small Blend	6	2.44%	1.21%	5.64%	16.11%	3.28%	-10.87%
FV	First Trust VL Dividend	Large Cap Value Equiti	6	2.05%	0.26%	1.74%	20.16%	1.29%	-4.44%
IYH	Dow Jones US Healthcare	Specialty-Health	6	3.77%	3.59%	4.55%	10.80%	4.44%	-1.81%
EWA	iShares Australia Index	Asia Pacific Equities	6	1.16%	0.40%	5.95%	17.45%	2.88%	-6.22%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	6	5.10%	1.23%	2.51%	16.61%	-0.74%	-17.28%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	6	1.13%	1.61%	2.83%	19.64%	4.20%	-2.53%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	6	2.35%	2.71%	7.20%	12.94%	3.03%	-15.90%
DVY	iShares Select Dividend Index	Large Cap Value	6	2.33%	1.18%	5.58%	15.93%	4.04%	-0.60%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	2.17%	2.17%	8.44%	10.23%	2.59%	-15.00%
EWK	iShares Belgium Index	Europe Stock	6	-0.05%	2.11%	5.33%	18.48%	4.15%	-15.83%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	6	2.13%	3.37%	10.25%	9.20%	2.75%	-17.11%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	2.01%	1.01%	2.97%	19.97%	2.91%	-3.56%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	1.60%	3.15%	7.93%	9.06%	1.65%	-17.98%
VVO	Vanguard Emerging Markets	Emerging Markets Equi	5	1.18%	1.38%	5.42%	10.24%	0.71%	-17.61%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	5	1.27%	3.75%	5.37%	10.19%	1.81%	-13.02%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	5	1.40%	2.93%	7.95%	9.55%	1.72%	-17.84%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	1.12%	0.88%	4.23%	12.65%	0.08%	-8.87%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	-0.14%	0.50%	2.13%	16.95%	3.66%	-0.82%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5	-0.14%	-0.73%	0.46%	22.02%	4.15%	-1.16%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	5	-0.30%	-3.91%	-5.23%	28.02%	8.36%	-13.79%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	5	6.62%	2.73%	1.63%	8.35%	-1.34%	-15.44%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	5	2.24%	0.56%	2.95%	14.83%	4.37%	-5.79%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	5	1.28%	0.51%	0.98%	19.17%	4.32%	-0.55%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	5	-1.03%	-0.85%	1.24%	22.36%	2.82%	-2.68%
VNQ	Vanguard REIT Index	Real Estate	5	-1.78%	-1.40%	0.16%	23.56%	3.27%	-3.27%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	5	0.76%	1.37%	4.57%	13.99%	2.86%	-7.13%
EWX	iShares Mexico Index	Latin America Stock	5	-0.81%	1.82%	12.08%	7.04%	1.25%	-23.50%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	5	0.72%	-1.39%	-3.73%	24.55%	8.35%	-27.20%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5	1.38%	0.85%	1.78%	14.70%	1.96%	-2.29%
SCHH	Schwab U.S. REIT	Real Estate	5	-1.54%	-0.79%	0.91%	20.96%	2.78%	-3.22%
MOO	VanEck Vectors Agribusiness	Commodity Producers	5	0.68%	-0.01%	1.77%	17.38%	3.44%	-1.40%
MCHI	iShares MSCI China	China Equities	5	0.63%	0.89%	5.26%	12.22%	-0.10%	-23.03%
RWR	Wilshire REIT Fund	Real Estate	5	-1.52%	-0.98%	0.79%	20.17%	2.49%	-3.20%
INDA	iShares MSCI India	Emerging Markets Equi	5	0.86%	8.09%	9.48%	1.83%	-0.21%	-10.80%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	2.07%	0.37%	5.50%	12.41%	2.08%	-1.29%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	5	1.40%	3.14%	7.75%	9.66%	1.59%	-16.56%
IYR	Dow Jones US Real Estate	Real Estate	5	-1.83%	-1.51%	-0.16%	23.03%	3.19%	-3.31%
IYZ	Down Jones US Telecom	Commun. Equities	5	0.92%	0.61%	4.29%	12.45%	0.45%	-18.91%
PIN	PowerShares India Portfolio	Emerging Markets Equi	5	0.57%	7.94%	9.23%	1.86%	0.37%	-53.36%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	4	-1.94%	1.29%	3.19%	13.70%	1.57%	-8.52%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	0.90%	1.38%	2.46%	12.97%	3.08%	-2.05%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	4	-1.77%	0.12%	1.79%	16.95%	2.35%	-3.05%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	1.86%	-0.21%	2.47%	12.91%	1.67%	-1.31%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	4	3.54%	-0.65%	5.14%	9.02%	-0.22%	-9.88%
GSG	iShares GSCI Commodity Index	Commodities.	4	2.04%	-0.58%	4.73%	10.63%	-0.28%	-17.15%
IXC	S&P Global Energy	Energy Equities	4	4.14%	-0.26%	6.82%	6.20%	-2.12%	-20.87%
EWZ	iShares Brazil Index	Latin America Stock	4	1.05%	1.34%	3.84%	11.20%	0.06%	-10.25%
RWX	SPDR DJ Wil Intern. RE	Real Estate	4	-2.21%	0.86%	3.48%	12.82%	1.96%	-7.52%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	4	-0.27%	0.23%	-1.83%	17.39%	4.76%	-3.36%
JXI	iShares S&P Global Utilities	Utilities Equities	4	-1.47%	-1.10%	2.21%	15.89%	3.11%	-3.08%
ICF	Cohen & Steers Realty	Real Estate	4	-3.10%	-2.67%	-1.73%	21.87%	1.84%	-4.47%
XLU	Utilities Select Sector	Utilities Equities	4	-1.51%	-2.28%	0.82%	18.39%	3.81%	-3.51%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	1.96%	0.09%	5.00%	7.67%	-0.12%	-14.02%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	4	1.29%	-0.16%	2.57%	13.72%	1.68%	-12.24%
DBC	PowerShares DB Commodity Index	Commodities	3	1.57%	0.26%	3.89%	6.97%	-0.36%	-16.40%

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FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	3	2.06%	2.94%	-0.90%	9.67%	-0.50%	-20.66%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3	1.30%	3.08%	5.12%	4.31%	-1.37%	-23.54%
EZA	iShares South Africa Index	Emerging Markets Equi	3	-0.02%	0.53%	9.11%	0.85%	-2.60%	-33.04%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	3	-0.12%	0.42%	-0.86%	12.42%	3.39%	-1.76%
IGE	iShares North American Natural Resources	Commodity Producers	3	3.45%	-2.56%	3.67%	7.98%	-2.24%	-22.84%
VPU	Vanguard Utilities VIPERS	Utilities Equities	3	-1.79%	-2.58%	0.46%	17.71%	3.30%	-4.04%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	3	-1.39%	-2.60%	-5.44%	21.73%	6.76%	-9.75%
IDU	Dow Jones US Utilities	Utilities Equities	3	-1.74%	-2.60%	0.49%	17.14%	3.15%	-3.73%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	3	5.22%	-1.60%	6.94%	1.12%	-3.84%	-33.42%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	3	-4.84%	-3.17%	-2.86%	22.95%	3.04%	-6.08%
BLV	Vanguard Long Term Bond	Long-Term Bond	3	-0.64%	-0.58%	-2.75%	14.80%	4.42%	-4.77%
XME	SPDR S&P Metals & Mining	Commodity Producers	3	3.59%	-0.30%	6.10%	2.33%	-2.97%	-31.58%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	0.05%	0.81%	1.89%	10.97%	2.62%	-1.43%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	2	0.49%	0.05%	3.65%	3.07%	0.16%	-15.73%
XLE	Energy Select Sector	Energy Equities	2	3.99%	-3.51%	2.97%	3.96%	-4.13%	-24.45%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	-0.90%	-0.21%	-0.42%	8.06%	1.13%	-3.94%
DJP	Bloomberg Commodity Index	Commodities	2	0.59%	-0.72%	4.23%	4.48%	-0.13%	-13.67%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	-1.26%	-0.27%	-0.33%	10.76%	1.32%	-3.56%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	2	-1.30%	-1.57%	-3.95%	13.18%	4.04%	-6.62%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2	0.00%	-0.47%	0.32%	7.75%	0.99%	-0.63%
EDV	Vanguard Extended Duration Treasury	Government Bonds	2	-1.57%	-2.69%	-5.62%	18.44%	5.57%	-9.33%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	2	1.82%	4.38%	7.08%	-4.43%	0.25%	-29.49%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	-0.82%	-0.11%	-0.53%	8.91%	1.02%	-7.45%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2	3.44%	3.80%	4.79%	-4.12%	-1.03%	-19.37%
GLD	SPDR Gold Shares	Precious Metals	2	-1.46%	-1.93%	-2.01%	14.28%	5.40%	-5.52%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	-0.85%	-0.22%	4.52%	2.79%	-3.65%	-19.80%
UUP	PowerShares DB US Dollar Bullish	Currency	2	0.83%	0.41%	0.75%	5.58%	2.03%	-0.85%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	2	-1.71%	-0.60%	-3.70%	14.44%	-2.61%	-11.13%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	2	-0.05%	0.47%	-0.56%	9.86%	2.52%	-1.15%
FXI	iShares China 25 Index	China Equities	2	-1.56%	0.86%	5.10%	5.02%	-2.27%	-24.00%
IAU	iShares Gold Trust	Precious Metals	2	-1.47%	-1.95%	-1.95%	14.40%	5.44%	-5.51%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	-1.20%	-1.52%	-3.96%	13.50%	4.23%	-6.69%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	2	-2.22%	-0.50%	1.60%	10.58%	0.01%	-5.74%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	2	-0.98%	-0.99%	0.98%	7.26%	-1.43%	-12.69%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	-0.34%	0.10%	-1.01%	7.50%	1.98%	-1.75%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	-0.55%	-1.43%	-1.06%	9.88%	1.31%	-6.20%
FXB	CurrencyShares British Pound	Currency	2	0.07%	2.85%	5.11%	1.01%	1.37%	-14.13%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	-0.52%	-0.08%	-1.55%	6.79%	2.04%	-2.61%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	-0.45%	-0.79%	-0.31%	6.88%	0.21%	-2.57%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.58%	-0.70%	-0.09%	3.67%	-0.53%	-3.59%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	-0.64%	-1.32%	-1.33%	8.23%	0.67%	-4.67%
PPLT	ETFS Physical Platinum Shares	Precious Metals	1	-0.78%	-6.26%	2.39%	10.37%	1.56%	-26.71%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	-0.46%	-0.97%	-0.56%	7.14%	-4.90%	-66.76%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-0.34%	-0.90%	-2.30%	7.41%	1.99%	-3.60%

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IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-0.22%	0.14%	-0.73%	3.99%	1.18%	-1.39%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	1	-1.02%	-1.09%	-3.10%	9.16%	2.59%	-4.71%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	0.16%	0.10%	-0.63%	5.90%	1.22%	-1.80%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	0.11%	0.57%	2.20%	2.16%	-1.92%	-15.18%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	-0.22%	-0.04%	-0.75%	5.62%	1.64%	-1.45%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	-0.50%	-0.83%	-0.94%	7.38%	0.88%	-2.34%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	-0.79%	-3.02%	1.05%	7.95%	0.49%	-3.47%
VDE	Vanguard Energy VIPERS	Energy Equities	1	3.42%	-4.30%	2.30%	1.10%	-6.04%	-28.42%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-0.32%	0.05%	-0.99%	4.29%	1.26%	-1.73%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	-0.06%	0.16%	-0.14%	3.24%	0.90%	-0.43%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.33%	0.05%	-0.99%	4.40%	1.29%	-1.74%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	-0.24%	0.04%	-0.83%	5.75%	1.64%	-1.51%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.02%	0.32%	-0.01%	3.95%	0.97%	-0.34%
EWK	iShares Hong Kong Index	China Equities	1	0.21%	-0.13%	-0.47%	3.46%	-6.36%	-13.96%
BSV	Vanguard Short Term Bond	Total Bond Market	1	-0.16%	0.11%	-0.32%	2.67%	0.70%	-0.60%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.31%	-0.17%	-1.22%	4.18%	0.81%	-1.52%
IYE	Dow Jones US Energy	Specialty-Natural Res.	1	3.68%	-3.86%	2.64%	2.25%	-5.16%	-26.64%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.08%	-0.03%	-0.76%	5.20%	1.21%	-1.36%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.53%	-0.79%	-1.22%	7.04%	1.72%	-1.94%
EWP	iShares Spain Index	Europe Stock	1	-2.79%	0.14%	4.34%	3.88%	-2.17%	-23.12%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	-0.26%	-0.01%	-0.83%	5.90%	1.70%	-1.50%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	-0.42%	-0.23%	-1.29%	5.68%	1.52%	-2.18%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.10%	0.23%	-0.45%	4.36%	1.24%	-0.90%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	1	-0.11%	-0.07%	-0.88%	6.12%	1.19%	-2.08%
PZA	Pshares Insured National Munis	National Munis	1	-0.68%	-0.57%	-1.31%	5.48%	1.00%	-1.83%
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%
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%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	-0.03%	-0.07%	0.43%	0.05%	-0.13%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.49%	-0.47%	-0.65%	3.19%	0.38%	-2.73%
SLV	iShares Silver Trust	Precious Metals	0	-3.05%	-4.33%	-0.44%	9.50%	5.56%	-18.88%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.91%	-1.56%	-1.23%	3.71%	-1.05%	-3.22%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	0.14%	-0.49%	-0.57%	2.71%	0.30%	-1.01%
EWM	iShares Malaysia Index	Emerging Markets Equi	0	1.79%	1.28%	1.87%	-4.64%	-2.28%	-22.16%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.54%	-0.99%	-0.71%	3.50%	-0.72%	-4.00%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.05%	0.15%	-0.23%	1.28%	0.38%	-0.90%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.08%	0.14%	-0.28%	1.26%	0.37%	-0.82%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.02%	0.04%	0.14%	1.17%	0.14%	-0.22%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.06%	0.21%	-0.22%	1.35%	0.39%	-0.69%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.82%	-1.29%	-1.18%	2.54%	-1.34%	-5.15%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	-1.08%	-1.04%	-1.89%	3.19%	0.43%	-3.78%
FXI	CurrencyShares Japanese Yen Trust	Currency	0	0.15%	-0.45%	-2.00%	0.65%	0.24%	-9.32%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
UNG	U.S. Natural Gas Fund	Oil & Gas	-1	4.88%	-5.62%	11.27%	-15.70%	-2.70%	-76.42%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	1.09%	0.83%	3.19%	-13.31%	-5.50%	-20.61%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-2	-6.52%	-9.99%	-3.77%	10.31%	6.94%	-48.56%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-0.99%	-0.32%	-0.72%	-4.46%	-1.73%	-13.17%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-4	1.84%	1.48%	6.08%	-26.02%	-11.70%	-39.08%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-6	3.53%	-8.52%	-1.27%	-18.24%	-16.87%	-51.33%
RWM	ProShares Short Russell2000	Inverse Equities	-7	-2.94%	-2.19%	-5.81%	-16.70%	-3.75%	-38.36%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	1.40%	-9.44%	-0.63%	-18.33%	-15.69%	-48.29%
OIH	Oil Services HOLDERS	Energy Equities	-7	1.96%	-11.09%	-0.43%	-18.32%	-19.67%	-67.34%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-7	-2.22%	-3.31%	-7.50%	-14.77%	-4.93%	-29.50%
DOG	ProShares Short Dow 30	Bear Market	-7	-2.72%	-2.83%	-5.96%	-17.15%	-5.69%	-43.18%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8	-3.12%	-3.27%	-5.99%	-19.82%	-6.55%	-39.69%
PSQ	ProShares Short QQQ	Inverse Equities	-10	-3.81%	-4.72%	-7.10%	-24.36%	-8.47%	-53.22%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-13	-2.62%	-16.46%	-7.59%	-25.64%	-27.35%	-71.75%
HDGE	Ranger Equity Bear	Inverse Equities	-15	-8.28%	-7.14%	-14.57%	-29.06%	-10.03%	-46.75%
ECH	iShares Chile Index	Latin America	-22	-23.20%	-21.02%	-15.94%	-27.43%	-25.04%	-46.50%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-90	-90.14%	-90.19%	-90.19%	-88.54%	-89.19%	-90.55%