

# HV ETF Master List as of 10/31/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ITB	iShares DJ US Home Construction	Building and Constructi	19	4.71%	8.64%	12.05%	48.64%	15.62%	-3.46%
SMH	VanEch Vectors Semiconductor	Technology Equities	18	7.88%	6.73%	12.39%	46.07%	14.66%	-1.14%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	17	2.30%	2.33%	6.71%	58.33%	12.49%	-36.00%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	16	6.83%	5.26%	10.60%	42.98%	12.76%	-1.50%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	16	6.13%	7.64%	9.37%	40.01%	11.31%	-2.61%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	13	6.44%	8.98%	12.82%	22.77%	11.31%	-1.27%
VGT	Vanguard Info Technology	Technolgy Equities	12	5.33%	2.16%	4.49%	34.05%	7.81%	-0.26%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	12	8.50%	8.85%	9.21%	21.65%	6.07%	-11.00%
XLK	Technology Select	Technology Equities	12	5.59%	2.57%	5.39%	35.00%	8.95%	-0.36%
RSX	Market Vectors Russia	Emerging Markets Equi	12	7.31%	4.97%	6.13%	28.43%	8.91%	-1.27%
IYW	Dow Jones US Technology	Technology Equities	11	5.38%	3.08%	4.77%	32.56%	7.80%	-0.68%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	11	7.42%	4.02%	5.29%	25.62%	6.61%	-0.75%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	11	7.07%	10.23%	12.14%	13.54%	6.20%	-15.90%
EWD	iShares Sweden Index	Europe Stock	10	10.99%	8.80%	10.60%	11.61%	4.41%	-13.83%
EWI	iShares Italy Index	Europe Stock	10	7.64%	4.41%	9.69%	19.25%	5.70%	-16.17%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	10	5.92%	2.76%	4.69%	27.76%	6.89%	-0.25%
PKW	PowerShares Buyback Achievers	All Cap Equities	10	6.11%	3.84%	4.72%	23.77%	5.06%	-0.83%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	10	4.59%	-1.67%	-2.95%	41.80%	17.42%	-13.53%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	10	7.51%	6.02%	8.92%	18.74%	5.87%	-7.02%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	10	5.87%	8.46%	10.96%	14.95%	6.31%	-8.29%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	10	5.28%	3.75%	7.55%	21.43%	5.37%	-0.35%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	10	6.01%	8.55%	10.88%	13.69%	5.74%	-11.25%
IVE	S&P 500/BARRA Value	Large Value	9	5.35%	3.91%	5.41%	20.90%	5.89%	-0.36%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9	4.31%	0.73%	3.13%	26.87%	5.98%	-0.19%
VFH	Vanguard Financials	Financials Equities	9	6.23%	4.14%	4.51%	20.33%	4.94%	-4.92%
EWG	iShares Germany Index	Europe Stock	9	9.05%	6.73%	8.10%	12.62%	4.43%	-19.92%
EWJ	iShares Japan Index	Japan Stock	9	4.65%	7.39%	8.39%	15.76%	7.03%	-9.26%
EWQ	iShares France Index	Europe Stock	9	6.77%	3.75%	6.51%	17.76%	4.65%	-7.41%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	6.88%	4.90%	6.99%	17.73%	5.12%	-11.40%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	9	0.46%	0.74%	4.42%	28.84%	8.64%	-1.58%
IYF	Dow Jones US Financial Sector	Specialty-Financial	9	4.71%	2.53%	3.82%	23.19%	5.57%	-0.46%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	9	4.74%	1.53%	3.29%	25.77%	5.89%	-0.16%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	9	4.62%	2.03%	4.78%	23.01%	5.06%	-0.61%
VUG	Vanguard Growth	Large Cap Growth	9	4.25%	0.72%	2.85%	26.99%	5.74%	-0.18%
XLF	Financial Select Sector	Financial Equities	9	6.45%	4.55%	5.28%	20.49%	5.63%	-4.87%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	9	3.14%	-1.10%	5.60%	27.31%	1.63%	-19.89%
KBE	SPDR S&P Bank	Specialty-Financial	9	6.01%	6.26%	4.97%	18.15%	2.04%	-14.91%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	8	7.99%	6.09%	6.72%	10.38%	1.91%	-22.03%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	8	4.76%	2.83%	3.92%	18.57%	4.39%	-0.42%
EZU	European Monetary Union Index	Europe Stock	8	6.76%	4.55%	6.48%	15.29%	3.97%	-14.20%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	4.87%	2.64%	5.44%	20.52%	4.33%	-0.57%

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ACWI	iShares MSCI ACWI	Global Equities	8	4.83%	3.10%	4.55%	18.10%	4.17%	-2.28%
EWU	iShares United Kingdom Index	Europe Stock	8	7.15%	5.24%	7.18%	10.83%	1.29%	-14.12%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	8	4.40%	1.66%	3.29%	23.03%	4.71%	-0.39%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	8	4.63%	1.78%	3.93%	23.55%	5.21%	-0.38%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	4.23%	2.63%	5.25%	19.47%	4.25%	-0.69%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	8	4.65%	3.95%	6.37%	17.89%	4.47%	-0.60%
EWZ	iShares Brazil Index	Latin America Stock	8	8.25%	7.19%	0.75%	16.75%	5.03%	-5.77%
IEV	S&P Europe 350 Index	Europe Stock	8	6.81%	4.38%	6.21%	14.60%	3.47%	-11.60%
SPY	SPDR S&P 500	Large Cap Blend	8	4.45%	1.85%	3.31%	21.37%	4.89%	-0.27%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	8	4.28%	1.60%	3.35%	21.55%	5.02%	-0.28%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	8	4.70%	2.78%	4.75%	20.28%	5.71%	-0.37%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	8	4.50%	4.03%	6.36%	17.90%	4.45%	-1.36%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	8	2.59%	3.07%	5.22%	19.84%	5.26%	-0.66%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	5.88%	5.68%	6.77%	14.97%	4.13%	-13.89%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	8	7.13%	4.77%	5.01%	13.19%	5.69%	-47.90%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	8	4.41%	1.76%	3.10%	21.37%	4.69%	-0.32%
RWR	Wilshire REIT Fund	Real Estate	8	1.47%	1.79%	3.91%	22.94%	5.28%	-0.97%
RWX	SPDR DJ Wil Intern. RE	Real Estate	8	4.19%	4.59%	7.02%	15.99%	5.12%	-4.92%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	8	5.81%	4.88%	6.43%	14.96%	4.10%	-10.74%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	8	6.51%	6.05%	7.99%	11.08%	3.41%	-11.12%
SCHH	Schwab U.S. REIT	Real Estate	8	1.53%	2.12%	4.26%	23.81%	5.67%	-0.93%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	8	5.22%	-7.45%	10.02%	25.29%	22.20%	-41.57%
SCHF	Schwab International Equity	Foreign Large Cap Equ	8	5.56%	4.62%	6.21%	15.91%	4.37%	-9.60%
XLI	Industrial Select Sector	Industrial Equities	8	4.92%	1.91%	3.22%	21.89%	3.21%	-2.67%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	8	6.25%	4.02%	5.27%	16.26%	4.52%	-5.62%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	8	5.52%	2.99%	4.93%	20.37%	5.50%	-3.03%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	8	5.89%	4.82%	6.37%	14.70%	3.98%	-10.41%
IYJ	Dow Jones US Industrial	Industrial Equities	8	4.47%	0.91%	2.37%	24.77%	3.57%	-0.95%
IWF	Russell 1000 Growth	Large Growth	8	4.49%	0.88%	2.49%	25.38%	5.42%	-0.22%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	8	4.09%	2.37%	4.55%	19.67%	5.49%	-0.63%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	8	4.77%	4.24%	3.78%	18.85%	3.18%	-4.42%
IYR	Dow Jones US Real Estate	Real Estate	8	1.26%	0.81%	3.06%	25.78%	6.05%	-1.15%
VGK	Vanguard European	Europe Equities	8	6.89%	4.04%	5.84%	14.50%	3.39%	-12.32%
VV	Vanguard LargeCap	Large Cap Blend	8	4.39%	1.81%	3.23%	21.27%	4.78%	-0.29%
VNQ	Vanguard REIT Index	Real Estate	8	1.54%	1.14%	3.67%	26.46%	6.25%	-1.00%
IJS	S&P SmallCap 600/BARRA Value	Small Value	8	5.18%	5.21%	4.59%	16.19%	3.15%	-11.57%
IVV	S&P 500	Large Blend	8	4.43%	1.78%	3.28%	21.21%	4.78%	-0.29%
EWL	iShares Switzerland Index	Europe Stock	8	5.44%	2.12%	3.43%	22.40%	6.03%	0.00%
EWN	iShares Netherlands Index	Europe Stock	8	4.24%	2.27%	5.20%	21.60%	4.59%	-6.05%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8	4.45%	1.83%	3.33%	21.21%	4.82%	-0.32%
KRE	SPDR S&P Region.Banking	Specialty-Financial	8	5.67%	6.17%	4.93%	15.20%	1.30%	-18.01%
VIS	Vanguard Industrials	industrials Equities	8	5.19%	2.28%	3.14%	22.98%	3.68%	-1.78%
RPV	Guggenheim S&P 500 Pure Value	Large Value	7	4.89%	3.57%	3.85%	15.16%	2.27%	-7.90%
IVW	S&P 500/BARRA Growth	Large Growth	7	3.64%	0.05%	1.51%	21.54%	3.88%	-1.06%

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JXI	iShares S&P Global Utilities	Utilities Equities	7	1.39%	2.93%	6.30%	18.94%	6.40%	-0.53%
IWB	Russell 1000 Index	Large Blend	7	4.30%	1.66%	2.87%	21.13%	4.49%	-0.34%
IWV	Russell 3000 Index	All Cap Equities	7	4.43%	1.82%	2.83%	20.81%	4.29%	-0.31%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	4.35%	1.70%	2.84%	20.97%	4.29%	-0.40%
IWS	Russell MidCap Value	Mid-Cap Value	7	3.33%	2.26%	2.40%	18.14%	2.63%	-2.83%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	7	2.96%	-0.54%	1.34%	24.67%	6.14%	-1.04%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	7	4.70%	3.76%	3.32%	17.15%	2.45%	-4.94%
IWD	Russell 1000 Value	Large Value	7	4.11%	2.50%	3.30%	17.13%	3.60%	-1.12%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	3.46%	-0.98%	-0.33%	26.62%	3.16%	-2.91%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	7	4.55%	2.75%	3.65%	18.04%	3.99%	-0.77%
IWN	Russell 2000 Value	Small Value	7	5.28%	5.27%	4.58%	13.81%	2.02%	-10.73%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	7	1.00%	-1.40%	1.12%	27.33%	4.11%	-4.77%
IWM	Russell 2000	Small Blend	7	5.22%	3.23%	1.91%	16.09%	1.40%	-10.15%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	7	5.52%	4.19%	5.19%	13.61%	2.86%	-15.47%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	5.02%	4.05%	5.47%	13.42%	3.07%	-12.27%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	4.43%	1.68%	2.87%	20.75%	4.24%	-0.32%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	7	3.71%	0.06%	1.46%	21.46%	3.82%	-1.07%
RSP	Guggenheim S&P Equal Weight	Large Blend	7	4.05%	1.91%	2.62%	19.70%	3.22%	-0.70%
PPLT	ETFS Physical Platinum Shares	Precious Metals	7	4.72%	-2.88%	7.38%	16.87%	8.18%	-22.39%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	7	3.38%	0.95%	1.29%	21.67%	2.88%	-74.76%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	5.53%	3.87%	5.50%	14.29%	3.45%	-11.45%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	3.33%	0.08%	0.45%	26.03%	3.37%	-2.05%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	7	3.99%	3.84%	3.11%	16.28%	2.68%	-63.75%
VTI	Total Stock Market VIPERS	All Cap Equities	7	4.32%	1.67%	2.79%	20.80%	4.25%	-0.35%
VT	Vanguard Total World Stock Index	Global Equities	7	4.84%	2.64%	4.00%	17.49%	3.86%	-3.54%
VPU	Vanguard Utilities VIPERS	Utilities Equities	7	0.55%	1.66%	5.29%	20.86%	6.74%	-1.47%
SCHD	Schwab US Dividend Equity	All Cap Equities	7	3.99%	2.28%	4.93%	18.20%	4.75%	-0.64%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	7	4.54%	5.31%	6.96%	12.47%	4.15%	-12.41%
VTV	Vanguard Value	Large Cap Value	7	4.68%	3.02%	3.64%	16.12%	3.91%	-0.40%
EWA	iShares Australia Index	Asia Pacific Equities	7	4.35%	2.08%	4.26%	17.04%	3.02%	-6.55%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	7	4.08%	3.36%	3.53%	15.20%	3.68%	-0.79%
VEU	Vanguard FTSE All-World ex-US	Global Equities	7	5.35%	3.72%	5.33%	13.25%	3.04%	-12.35%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	7	6.15%	6.54%	7.74%	8.38%	2.19%	-17.73%
VOX	Vanguard Telecom Serv's	Communication Equitie	7	4.49%	0.53%	1.18%	20.56%	3.29%	-14.24%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	7	3.92%	3.80%	5.71%	16.20%	4.17%	-6.51%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7	3.39%	1.19%	1.59%	22.64%	3.32%	-1.20%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	7	3.34%	2.36%	2.80%	19.07%	3.25%	-3.69%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	7	3.72%	0.05%	1.51%	21.84%	3.94%	-1.04%
SIL	Global X Silver Miners	Commodity Producers	7	7.28%	-1.24%	1.95%	21.38%	13.05%	-43.33%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	7	9.52%	9.36%	3.07%	5.60%	-0.32%	-22.60%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	7	5.42%	4.71%	6.26%	12.49%	3.14%	-14.83%
IDU	Dow Jones US Utilities	Utilities Equities	7	0.52%	1.66%	5.26%	20.25%	6.55%	-1.18%
ICF	Cohen & Steers Realty	Real Estate	7	-0.01%	-0.34%	2.31%	25.14%	5.10%	-1.91%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	7	8.65%	4.83%	1.38%	11.31%	0.93%	-68.51%

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SDY	SPDR Dividend ETF	Large Value	7	4.58%	3.58%	3.97%	16.48%	4.14%	-0.77%
XLU	Utilities Select Sector	Utilities Equities	7	0.58%	1.89%	5.67%	21.41%	7.18%	-1.05%
BBH	VanEck Vectors Biotech	Health & Biotech	7	8.34%	3.27%	0.27%	14.17%	1.63%	-7.36%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	7	3.01%	1.91%	2.60%	20.18%	4.65%	0.00%
EWV	iShares Mexico Index	Latin America Stock	7	4.65%	4.75%	9.25%	7.60%	1.83%	-23.10%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	5.05%	3.87%	5.51%	13.13%	3.00%	-11.67%
VBR	Vanguard SmallCap Value	Small Cap Value	7	4.84%	3.63%	2.74%	14.94%	1.51%	-8.28%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	4.52%	5.16%	5.04%	13.09%	1.98%	-67.53%
VXUS	Vanguard Total International Stock	Global Equities	7	5.22%	3.69%	5.24%	13.15%	3.05%	-12.65%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	7	1.04%	0.38%	2.66%	23.41%	5.51%	-0.67%
SPYG	S&P 500 Growth	Large Cap Growth	7	3.72%	0.05%	1.57%	21.75%	3.95%	-1.00%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	7	3.30%	-3.96%	-5.44%	33.48%	14.08%	-10.12%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	6	3.71%	2.83%	4.11%	14.39%	3.66%	-6.80%
DVY	iShares Select Dividend Index	Large Cap Value	6	2.90%	2.43%	3.59%	14.31%	3.02%	-1.09%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	2.93%	3.07%	3.87%	15.08%	3.27%	-0.43%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	6	3.23%	1.05%	2.40%	15.99%	2.90%	-1.14%
IWO	Russell 2000 Growth	Small Growth	6	5.20%	1.40%	-0.54%	18.16%	0.77%	-9.90%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	6	5.72%	6.89%	12.61%	0.12%	0.69%	-25.44%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	6	4.41%	3.65%	5.59%	8.53%	1.28%	-18.38%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	6	4.76%	-2.63%	-7.74%	29.75%	13.75%	-24.16%
FXO	1st Trust Financials AlphaDEX	Financial Equities	6	3.77%	1.40%	1.40%	18.29%	2.19%	-2.92%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	6	3.31%	2.72%	4.37%	13.13%	2.51%	-3.56%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	5.12%	1.32%	1.41%	16.93%	1.87%	-4.71%
IGV	iShares North American Tech-Software	Technology Equities	6	2.29%	-2.21%	-1.75%	23.86%	0.65%	-6.57%
EWC	iShares Canada Index	Foreign Large Cap Equ	6	2.49%	0.63%	2.02%	20.12%	2.14%	-5.39%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	6	11.11%	5.73%	0.14%	6.82%	3.51%	-12.57%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	4.39%	3.68%	5.71%	9.01%	1.34%	-18.24%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	6	1.90%	1.38%	2.68%	17.72%	4.93%	0.00%
IJH	S&P MidCap 400	Mid-Cap Blend	6	3.81%	2.00%	1.44%	17.61%	2.06%	-4.72%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	6	5.74%	4.51%	4.20%	10.00%	2.11%	-13.76%
IJR	S&P Sm.Cap 600	Small Blend	6	4.97%	3.45%	2.41%	14.57%	2.20%	-12.06%
EWK	iShares Belgium Index	Europe Stock	6	3.58%	2.80%	2.08%	17.01%	3.36%	-16.87%
INDA	iShares MSCI India	Emerging Markets Equi	6	5.03%	9.34%	6.19%	3.93%	2.18%	-8.96%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	6	3.87%	9.75%	5.83%	6.43%	2.47%	-4.76%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6	3.99%	1.00%	1.18%	18.11%	2.30%	-2.35%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	6	2.32%	-1.40%	1.21%	22.06%	3.20%	-2.92%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	6	2.33%	-0.62%	1.74%	22.11%	4.99%	-1.02%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	6	4.48%	3.58%	3.77%	13.26%	2.68%	-9.99%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	6	4.37%	3.59%	6.65%	9.08%	1.25%	-17.01%
PIN	PowerShares India Portfolio	Emerging Markets Equi	6	5.15%	9.04%	6.27%	3.85%	2.66%	-52.45%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	6	4.09%	1.32%	0.44%	18.85%	1.62%	-5.23%
VYM	Vanguard High Div. Yield Index	Large Cap Value	6	3.68%	2.18%	3.55%	14.96%	3.37%	-1.37%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	1.85%	-3.50%	-1.98%	25.87%	3.39%	-3.50%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	5.72%	4.37%	5.61%	8.93%	1.59%	-16.01%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	6	4.93%	3.25%	4.33%	11.63%	2.15%	-16.87%
XLV	Health Care Select SPDR	Health & Biotech Equiti	6	6.77%	4.10%	3.79%	9.52%	4.30%	-1.17%
XLP	Consumer Staples Select	Consumer Staples	6	1.17%	-0.13%	2.53%	20.44%	5.45%	-0.75%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	6	4.78%	1.54%	0.57%	17.32%	1.03%	-8.99%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	6	2.91%	-0.72%	1.11%	20.52%	2.85%	-2.86%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	6	3.68%	1.13%	0.81%	19.36%	1.98%	-2.62%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	6	4.08%	2.24%	3.05%	16.51%	3.39%	-0.98%
SLV	iShares Silver Trust	Precious Metals	6	2.98%	-2.81%	6.48%	16.53%	12.88%	-13.67%
KIE	SPDR S&P Insurance	Specialty-Financial	6	1.18%	-0.06%	0.06%	21.25%	3.45%	-63.34%
IYC	iShares US Consumer Services	Consumer Discretionar	6	3.19%	-1.17%	1.19%	21.53%	3.31%	-3.09%
VBK	Vanguard SmallCap Growth	Small Cap Growth	6	3.10%	-1.13%	-1.42%	22.72%	1.28%	-3.69%
IYH	Dow Jones US Healthcare	Specialty-Health	6	6.54%	3.59%	2.72%	9.67%	3.64%	-2.80%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	6	2.17%	1.15%	2.46%	19.12%	4.30%	-2.95%
VB	Vanguard SmallCap	Small Cap Blend	6	4.00%	1.30%	0.74%	18.52%	1.42%	-5.66%
IYT	Dow Jones Transportation	Transportation Equities	6	5.84%	0.90%	1.56%	14.37%	0.68%	-9.48%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	6	1.27%	-0.20%	2.16%	18.81%	4.60%	-0.85%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	1.35%	-0.88%	0.84%	22.04%	4.86%	-1.14%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	3.78%	2.04%	1.44%	17.70%	2.12%	-4.63%
MOO	VanEck Vectors Agribusiness	Commodity Producers	6	4.19%	0.74%	0.47%	17.39%	3.95%	-1.04%
IYZ	Down Jones US Telecom	Commun. Equities	6	5.26%	3.44%	2.48%	13.09%	1.34%	-18.45%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	2.21%	1.65%	3.94%	10.38%	3.02%	-1.30%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5	-0.20%	-0.26%	1.18%	18.70%	6.59%	-2.28%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	5	0.40%	-0.49%	0.52%	17.71%	9.09%	-2.87%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	5	7.11%	2.54%	2.01%	10.04%	1.78%	-13.15%
USO	U.S. Oil Fund	Oil & Gas.	5	3.39%	-3.42%	3.10%	16.98%	-5.23%	-29.73%
VHT	Vanguard Health Care	Health & Biotech Equiti	5	6.32%	3.32%	2.29%	9.40%	3.11%	-2.87%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	3.08%	0.96%	1.77%	12.28%	1.47%	-1.23%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	4.25%	1.64%	2.78%	12.75%	0.47%	-8.79%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	5	6.48%	1.61%	-3.74%	13.77%	-3.13%	-19.30%
FXB	CurrencyShares British Pound	Currency	5	4.91%	5.01%	6.68%	1.55%	1.85%	-13.67%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	5	3.92%	1.68%	3.36%	9.84%	0.53%	-17.91%
IAU	iShares Gold Trust	Precious Metals	5	0.35%	-0.48%	0.49%	17.66%	9.11%	-2.82%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	3.21%	-0.17%	-0.96%	18.50%	0.16%	-5.76%
VAW	Vanguard Materials VIPERS	Materials	5	4.07%	2.59%	0.47%	14.48%	2.12%	-12.21%
EWP	iShares Spain Index	Europe Stock	5	5.42%	5.03%	4.76%	6.64%	0.55%	-21.08%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	2.19%	2.54%	2.99%	10.94%	0.98%	-2.15%
XLB	Materials Select Sector	Materials	5	3.89%	2.05%	0.00%	15.18%	2.84%	-9.21%
MCHI	iShares MSCI China	China Equities	5	3.03%	0.38%	5.58%	11.12%	-0.96%	-23.79%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	2.97%	0.52%	-0.17%	18.17%	1.80%	-5.00%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	5	2.72%	-0.82%	-0.70%	19.58%	1.79%	-2.68%
XRT	SPDR S&P Retail	Consumer Discretionar	5	4.94%	5.06%	4.91%	5.27%	0.47%	-17.81%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	5	0.81%	-0.11%	1.79%	19.12%	3.75%	-1.18%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	4.53%	1.61%	0.35%	12.92%	1.21%	-12.87%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	5	2.46%	-2.45%	-0.42%	19.74%	3.45%	-2.45%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	5	-3.49%	-3.87%	1.78%	25.91%	11.47%	-6.64%
ILF	iShares S&P 40 Latin America	Latin America Stock	5	6.64%	5.92%	1.88%	7.37%	0.41%	-16.23%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	4	5.23%	2.88%	2.55%	6.43%	-1.37%	-17.28%
EDV	Vanguard Extended Duration Treasury	Government Bonds	4	-3.69%	-4.08%	0.36%	22.06%	9.70%	-6.56%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	4	4.89%	1.28%	-0.83%	11.24%	1.62%	-9.74%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	4	0.96%	-0.31%	2.06%	12.58%	2.69%	-7.64%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	1.42%	1.22%	2.10%	12.75%	3.21%	-2.24%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	4.25%	1.20%	2.26%	6.95%	-0.75%	-14.60%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	4	5.16%	3.71%	1.80%	3.70%	-0.49%	-13.90%
GLD	SPDR Gold Shares	Precious Metals	4	0.37%	-0.50%	0.49%	17.47%	9.01%	-2.88%
GSG	iShares GSCI Commodity Index	Commodities.	4	2.57%	0.86%	3.34%	8.20%	-2.36%	-18.96%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	2.54%	0.78%	0.40%	13.81%	1.44%	-3.06%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	-0.02%	0.06%	1.11%	13.20%	4.56%	-1.08%
BLV	Vanguard Long Term Bond	Long-Term Bond	4	-1.37%	-1.57%	0.82%	16.66%	6.78%	-3.22%
FPE	First Trust Preferred Securities and Income	Preferred Stock	4	0.81%	0.96%	1.69%	10.75%	2.74%	-1.63%
IYM	Dow Jones US Basic Mat's	Materials	4	3.79%	2.09%	-0.38%	9.85%	0.63%	-14.64%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	3	3.58%	-2.42%	-4.20%	14.83%	-2.11%	-10.83%
TLT	iShares 20+ Treas. Bd	Government Bonds	3	-2.54%	-2.43%	0.65%	16.24%	7.41%	-4.44%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3	0.81%	0.40%	1.35%	9.64%	1.90%	-6.83%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	-0.08%	0.16%	0.86%	10.55%	3.52%	-0.53%
EWK	iShares Hong Kong Index	China Equities	3	3.66%	0.55%	0.55%	5.36%	-4.66%	-12.38%
DJP	Bloomberg Commodity Index	Commodities	3	2.34%	2.16%	3.53%	4.90%	0.32%	-13.32%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	3	-2.50%	-2.44%	0.64%	15.93%	7.22%	-4.35%
DBC	PowerShares DB Commodity Index	Commodities	3	3.02%	1.66%	3.44%	5.80%	-1.45%	-17.31%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	3	0.13%	-0.33%	1.08%	11.21%	1.97%	-3.17%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	3	3.73%	0.51%	-0.25%	7.21%	-1.86%	-11.38%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	3	7.02%	5.68%	4.08%	-4.20%	-1.55%	-19.44%
FXI	iShares China 25 Index	China Equities	3	2.08%	1.53%	5.03%	5.30%	-2.03%	-23.80%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	-0.46%	-0.33%	0.33%	8.39%	3.14%	-0.94%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	0.79%	-0.41%	0.45%	7.36%	-4.59%	-66.69%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	-0.41%	-0.31%	0.39%	6.44%	2.55%	-0.87%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	-0.03%	-2.25%	-1.29%	10.30%	2.01%	-5.85%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2	0.40%	-0.73%	-0.76%	8.26%	1.93%	-1.54%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	-0.34%	-0.24%	0.46%	6.69%	2.72%	-0.76%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	0.75%	-0.29%	0.51%	7.04%	0.49%	-2.43%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	2	-0.95%	-0.72%	0.19%	7.98%	3.51%	-1.52%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	2	5.45%	2.73%	-5.35%	4.57%	-5.10%	-18.39%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	0.59%	-1.19%	-0.78%	9.33%	1.92%	-3.70%
IXC	S&P Global Energy	Energy Equities	2	2.44%	1.54%	1.04%	3.03%	-5.23%	-23.23%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2	0.37%	-0.52%	0.37%	7.47%	0.89%	-0.89%
BNDX	Vanguard Total International Bond	Total Bond Market	2	-0.70%	-0.54%	0.14%	7.82%	2.76%	-1.23%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	0.21%	0.11%	0.91%	8.41%	1.64%	-3.64%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	2	1.76%	2.10%	2.61%	3.12%	0.21%	-15.69%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	-1.76%	-1.54%	0.10%	11.22%	4.99%	-2.91%

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BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.41%	-0.41%	0.14%	5.67%	1.88%	-0.91%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	0.10%	-0.24%	-0.34%	4.78%	2.12%	-2.30%
XME	SPDR S&P Metals & Mining	Commodity Producers	1	4.99%	1.78%	-1.72%	0.46%	-5.22%	-32.83%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	0.38%	6.84%	1.66%	-5.90%	-1.54%	-30.57%
BSV	Vanguard Short Term Bond	Total Bond Market	1	-0.21%	0.04%	0.21%	3.05%	1.19%	-0.23%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-1.32%	-1.71%	-0.19%	8.42%	3.31%	-2.69%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	-0.43%	-0.35%	0.32%	6.25%	2.50%	-0.86%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.68%	-0.42%	0.09%	5.15%	2.24%	-1.02%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	-0.33%	-0.16%	0.14%	3.30%	1.09%	-0.37%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.33%	-0.02%	0.29%	4.84%	1.89%	-0.44%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	-0.79%	-0.64%	0.23%	6.61%	2.67%	-1.31%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.00%	0.33%	0.52%	4.27%	1.42%	-0.04%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	0.15%	-0.63%	-0.41%	2.92%	-0.99%	-4.80%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	0.06%	-0.55%	-0.14%	4.15%	-0.60%	-2.81%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	1	0.53%	-0.70%	-4.04%	8.11%	-1.88%	-21.80%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-0.68%	-0.47%	0.00%	5.02%	2.19%	-1.03%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	-0.61%	-0.82%	-0.46%	6.44%	1.74%	-1.78%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.50%	-0.19%	0.15%	3.91%	-0.33%	-3.62%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.22%	0.31%	0.31%	1.25%	0.24%	-0.14%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	1	3.40%	2.15%	1.30%	-1.63%	-6.82%	-35.23%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.14%	-0.45%	-0.36%	4.74%	1.55%	-0.99%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	-0.54%	-0.98%	-0.51%	5.98%	1.54%	-1.73%
PZA	Pshares Insured National Munis	National Munis	1	-0.79%	-1.08%	-0.64%	5.92%	1.66%	-1.42%
EZA	iShares South Africa Index	Emerging Markets Equi	1	4.22%	-0.02%	1.99%	-1.68%	-5.50%	-34.72%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-0.57%	-0.29%	0.06%	4.59%	1.96%	-0.82%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-1.45%	-0.67%	0.38%	4.48%	1.20%	-1.88%
IGE	iShares North American Natural Resources	Commodity Producers	1	2.03%	-0.76%	-1.14%	5.56%	-4.59%	-24.58%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.12%	0.08%	0.09%	1.59%	0.69%	-0.46%
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%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.06%	-0.73%	-0.73%	2.63%	0.32%	-1.09%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.05%	0.00%	-0.03%	0.40%	0.03%	-0.17%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	0	0.00%	-3.64%	-2.58%	6.26%	-2.43%	-13.51%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.77%	-0.47%	-0.49%	3.65%	0.95%	-2.29%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.08%	0.07%	0.08%	1.53%	0.69%	-0.65%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.08%	0.08%	0.10%	1.52%	0.69%	-0.57%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.66%	-1.02%	-1.10%	2.89%	-1.28%	-4.31%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
XLE	Energy Select Sector	Energy Equities	0	1.65%	-1.29%	-3.01%	1.06%	-7.10%	-26.55%
FXE	CurrencyShares Euro Currency Trust	Currency	0	1.56%	0.92%	-0.49%	-3.30%	-0.71%	-12.12%
UNG	U.S. Natural Gas Fund	Oil & Gas	0	4.05%	-1.56%	12.91%	-15.78%	-3.29%	-76.44%
FXJ	CurrencyShares Japanese Yen Trust	Currency	-1	-1.06%	-0.95%	-1.96%	1.04%	0.65%	-8.97%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
EWM	iShares Malaysia Index	Emerging Markets Equi	-1	1.63%	0.79%	-0.32%	-5.54%	-3.54%	-22.90%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-1	1.34%	-1.49%	-3.03%	-0.42%	-8.00%	-28.55%
VDE	Vanguard Energy VIPERS	Energy Equities	-1	1.13%	-2.04%	-3.47%	-1.48%	-8.85%	-30.25%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-3	2.65%	1.82%	-1.45%	-15.23%	-8.27%	-22.37%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-3	-5.32%	-2.64%	-4.77%	0.69%	-0.45%	-47.50%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-6	5.28%	3.83%	-3.11%	-29.09%	-16.68%	-41.61%
DOG	ProShares Short Dow 30	Bear Market	-6	-3.04%	-1.43%	-3.04%	-14.85%	-3.59%	-41.60%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-7	-4.12%	-2.33%	-3.79%	-18.23%	-5.37%	-38.49%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-0.53%	-3.29%	-4.47%	-18.25%	-16.75%	-48.24%
RWM	ProShares Short Russell2000	Inverse Equities	-7	-4.83%	-3.72%	-2.66%	-15.27%	-2.47%	-37.30%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-8	-0.71%	-5.25%	-6.13%	-20.39%	-20.18%	-52.61%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-8	-5.38%	-4.56%	-6.01%	-14.16%	-4.77%	-29.00%
PSQ	ProShares Short QQQ	Inverse Equities	-9	-5.47%	-3.06%	-5.10%	-22.70%	-7.36%	-52.19%
ECH	iShares Chile Index	Latin America	-9	-8.04%	-4.53%	-7.48%	-16.61%	-15.17%	-38.53%
OIH	Oil Services HOLDRs	Energy Equities	-10	-1.24%	-8.55%	-9.36%	-20.67%	-23.34%	-68.28%
HDGE	Ranger Equity Bear	Inverse Equities	-11	-6.62%	-6.89%	-6.20%	-24.67%	-5.47%	-43.46%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-14	-2.76%	-11.73%	-14.32%	-25.64%	-28.94%	-71.75%