

HV ETF Master List as of 11/27/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	23	4.83%	15.48%	15.94%	54.00%	17.50%	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	22	14.21%	24.29%	18.00%	30.20%	10.81%	-7.64%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	21	4.66%	14.36%	14.14%	50.40%	15.47%	-0.38%
BBH	VanEck Vectors Biotech	Health & Biotech	20	11.85%	22.99%	16.14%	27.54%	12.99%	0.00%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	19	10.97%	22.78%	17.96%	23.81%	12.09%	-64.97%
IYW	Dow Jones US Technology	Technology Equities	18	5.93%	13.24%	11.57%	40.53%	11.93%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	18	2.26%	7.56%	11.30%	52.43%	15.49%	-0.99%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	18	12.34%	21.61%	17.65%	18.55%	8.22%	-7.48%
VGT	Vanguard Info Technology	Technolgy Equities	18	5.92%	13.14%	10.52%	42.15%	11.93%	0.00%
XLK	Technology Select	Technology Equities	18	5.61%	12.95%	10.66%	42.66%	12.51%	0.00%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	17	9.88%	23.14%	18.04%	18.46%	14.44%	-3.04%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	17	5.35%	15.76%	18.98%	29.40%	11.63%	-5.32%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	16	1.62%	8.28%	10.66%	42.37%	11.05%	-0.96%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	16	4.83%	13.72%	12.25%	32.55%	10.81%	0.00%
PKW	PowerShares Buyback Achievers	All Cap Equities	15	4.68%	12.47%	11.18%	30.04%	8.93%	0.00%
IGV	iShares North American Tech-Software	Technology Equities	15	7.18%	12.59%	7.33%	33.90%	7.70%	0.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	15	4.59%	11.95%	9.40%	33.57%	9.85%	0.00%
VBK	Vanguard SmallCap Growth	Small Cap Growth	14	6.15%	11.51%	7.12%	31.24%	7.42%	0.00%
VFH	Vanguard Financials	Financials Equities	14	4.44%	11.81%	11.62%	26.50%	9.03%	-0.05%
KBE	SPDR S&P Bank	Specialty-Financial	14	4.14%	11.72%	15.01%	24.52%	7.14%	-10.32%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	14	4.34%	10.31%	6.96%	32.62%	9.03%	0.00%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	14	2.79%	11.05%	13.72%	27.10%	13.02%	-0.52%
IWF	Russell 1000 Growth	Large Growth	14	4.62%	10.82%	7.37%	31.46%	8.93%	0.00%
XLF	Financial Select Sector	Financial Equities	14	4.72%	12.48%	12.27%	26.78%	9.70%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	14	4.78%	11.05%	8.13%	31.99%	9.48%	0.00%
IWO	Russell 2000 Growth	Small Growth	14	5.96%	12.76%	9.66%	25.84%	6.79%	-4.05%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	14	7.99%	15.67%	11.39%	21.14%	10.06%	-1.71%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	14	-1.92%	2.73%	-0.68%	55.83%	8.65%	-37.01%
IWP	Russell MidCap Growth	Mid-Cap Growth	14	4.83%	10.47%	6.18%	33.66%	7.63%	0.00%
VIS	Vanguard Industrials	industrials Equities	13	4.01%	10.92%	9.40%	29.12%	7.72%	-0.02%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	13	4.99%	9.56%	5.70%	30.58%	9.63%	0.00%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	13	5.00%	7.43%	4.91%	34.49%	8.62%	-0.52%
VUG	Vanguard Growth	Large Cap Growth	13	4.21%	10.04%	6.74%	32.58%	8.72%	0.00%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	13	5.45%	17.75%	16.14%	11.41%	5.64%	-18.33%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	13	4.36%	10.35%	8.21%	28.90%	8.28%	0.00%
IYJ	Dow Jones US Industrial	Industrial Equities	13	4.15%	10.56%	7.95%	31.19%	7.64%	0.00%
XLI	Industrial Select Sector	Industrial Equities	13	3.86%	10.87%	8.91%	27.96%	7.29%	-0.10%
VB	Vanguard SmallCap	Small Cap Blend	12	4.27%	9.94%	8.13%	24.45%	5.92%	-0.94%
IYF	Dow Jones US Financial Sector	Specialty-Financial	12	3.28%	9.21%	7.78%	27.82%	8.15%	0.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	12	3.91%	9.72%	7.74%	25.88%	7.45%	0.00%
IVE	S&P 500/BARRA Value	Large Value	12	3.90%	10.42%	9.68%	25.99%	8.96%	0.00%

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IVV	S&P 500	Large Blend	12	3.72%	9.54%	7.27%	26.09%	7.66%	0.00%
IWB	Russell 1000 Index	Large Blend	12	3.89%	9.66%	7.42%	26.27%	7.64%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	12	3.73%	9.52%	7.29%	26.23%	7.74%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	12	3.33%	9.63%	7.12%	28.16%	7.69%	0.00%
RSX	Market Vectors Russia	Emerging Markets Equi	12	0.45%	9.08%	6.52%	30.67%	8.79%	-2.74%
IWV	Russell 3000 Index	All Cap Equities	12	3.84%	9.67%	7.51%	25.85%	7.42%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	12	4.72%	13.22%	10.29%	18.66%	9.87%	-45.38%
KRE	SPDR S&P Region.Banking	Specialty-Financial	12	3.31%	10.95%	14.62%	20.84%	6.11%	-13.99%
IYH	Dow Jones US Healthcare	Specialty-Health	12	5.95%	14.11%	10.93%	16.35%	9.37%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	12	3.80%	9.59%	7.34%	26.38%	7.69%	0.00%
IWM	Russell 2000	Small Blend	12	4.16%	10.58%	10.14%	21.61%	5.84%	-5.89%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	12	3.04%	11.72%	10.49%	22.82%	8.04%	-3.82%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	12	3.34%	8.79%	5.32%	30.98%	6.24%	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	12	3.70%	9.28%	7.13%	26.41%	7.89%	0.00%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	12	3.64%	11.40%	10.61%	21.23%	8.10%	-1.58%
VTI	Total Stock Market VIPERs	All Cap Equities	12	3.89%	9.64%	7.41%	25.94%	7.46%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	12	3.69%	9.52%	7.33%	26.09%	7.70%	0.00%
VHT	Vanguard Health Care	Health & Biotech Equiti	12	6.15%	14.33%	10.98%	16.41%	9.20%	0.00%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	12	3.20%	10.29%	14.27%	19.47%	9.39%	-4.69%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	12	4.55%	10.30%	8.17%	25.02%	6.27%	-0.30%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	12	3.63%	9.75%	6.99%	28.25%	8.12%	0.00%
SCHB	Schwab U.S. Broad Market	All Cap Equities	12	3.82%	9.63%	7.39%	26.10%	7.47%	0.00%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	12	3.01%	11.39%	16.46%	18.06%	9.53%	-12.55%
VV	Vanguard LargeCap	Large Cap Blend	12	3.80%	9.63%	7.38%	26.24%	7.74%	0.00%
MDY	MidCap Trust Series I	Mid-Cap Blend	11	3.27%	8.58%	7.97%	22.41%	5.60%	-0.81%
VOX	Vanguard Telecom Serv's	Communication Equitie	11	3.78%	9.01%	5.50%	24.77%	5.81%	-11.25%
FXO	1st Trust Financials AlphaDEX	Financial Equities	11	3.66%	8.83%	7.81%	23.62%	6.05%	0.00%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	11	3.64%	7.49%	1.87%	31.52%	6.56%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	11	3.68%	9.70%	8.57%	23.45%	7.52%	0.00%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	11	3.55%	8.47%	6.57%	26.76%	6.21%	-73.71%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	11	3.83%	10.03%	7.96%	22.74%	5.27%	-4.78%
SPYG	S&P 500 Growth	Large Cap Growth	11	3.55%	8.76%	5.23%	26.40%	6.60%	0.00%
RSP	Guggenheim S&P Equal Weight	Large Blend	11	3.31%	8.84%	7.38%	24.31%	6.23%	0.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	11	3.93%	9.45%	7.17%	23.37%	6.01%	0.00%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	11	3.91%	8.47%	5.06%	25.12%	5.56%	0.00%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	11	3.54%	8.72%	5.23%	26.07%	6.49%	0.00%
IJH	S&P MidCap 400	Mid-Cap Blend	11	3.25%	8.64%	7.97%	22.38%	5.60%	-0.85%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	11	3.37%	9.15%	8.05%	22.44%	6.81%	0.00%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	11	3.32%	9.27%	7.90%	24.74%	8.23%	0.00%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	11	2.53%	9.01%	7.64%	24.94%	6.95%	0.00%
RPV	Guggenheim S&P 500 Pure Value	Large Value	11	3.59%	9.81%	10.14%	20.14%	6.03%	-3.92%
IJS	S&P SmallCap 600/BARRA Value	Small Value	11	2.58%	8.70%	11.39%	20.19%	6.38%	-8.53%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	11	3.96%	9.20%	7.32%	24.85%	5.91%	0.00%
USO	U.S. Oil Fund	Oil & Gas.	11	5.84%	10.56%	3.67%	25.67%	1.49%	-24.50%

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IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	11	3.01%	9.01%	9.75%	21.61%	5.85%	-1.31%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	11	3.06%	8.99%	10.31%	23.41%	6.49%	-0.75%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	11	2.72%	9.11%	6.94%	24.50%	6.37%	-0.14%
IVW	S&P 500/BARRA Growth	Large Growth	11	3.50%	8.74%	5.21%	26.20%	6.56%	0.00%
VO	Vanguard Mid-Cap	Mid-Cap Blend	11	3.22%	8.25%	6.26%	27.30%	6.20%	0.00%
XLV	Health Care Select SPDR	Health & Biotech Equiti	11	5.25%	13.52%	10.77%	15.41%	9.30%	0.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	11	3.50%	8.68%	5.21%	26.49%	6.57%	0.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	11	3.08%	10.38%	14.32%	18.10%	8.88%	-7.81%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	10	2.80%	8.23%	7.12%	23.80%	7.78%	0.00%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	10	6.57%	15.49%	14.00%	2.23%	6.03%	-14.03%
KIE	SPDR S&P Insurance	Specialty-Financial	10	3.30%	5.25%	4.67%	25.73%	6.01%	-61.98%
FV	First Trust VL Dividend	Large Cap Value Equiti	10	3.02%	7.64%	4.77%	22.77%	3.33%	-2.36%
ACWI	iShares MSCI ACWI	Global Equities	10	2.73%	8.84%	7.32%	21.60%	6.20%	0.00%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	10	2.51%	8.34%	7.99%	21.58%	6.57%	0.00%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	10	2.11%	7.81%	5.93%	22.84%	5.94%	0.00%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	10	2.84%	11.50%	10.63%	13.94%	4.73%	-19.51%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	10	3.74%	8.13%	6.81%	20.89%	6.33%	0.00%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	10	2.28%	8.90%	5.80%	23.15%	6.59%	-0.79%
EWD	iShares Sweden Index	Europe Stock	10	0.69%	12.98%	11.76%	13.10%	5.07%	-12.68%
IJR	S&P Sm.Cap 600	Small Blend	10	2.66%	8.99%	9.35%	18.78%	5.67%	-8.83%
EWN	iShares Netherlands Index	Europe Stock	10	1.96%	7.53%	5.62%	24.37%	5.70%	-3.91%
IYT	Dow Jones Transportation	Transportation Equities	10	3.01%	10.80%	7.96%	19.29%	4.52%	-5.58%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	10	3.30%	9.69%	7.45%	21.33%	5.07%	-1.13%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	10	2.55%	8.32%	7.95%	21.58%	6.53%	0.00%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	10	3.45%	8.24%	6.29%	23.12%	5.36%	-1.02%
IWD	Russell 1000 Value	Large Value	10	3.05%	8.34%	7.26%	21.22%	6.23%	0.00%
IWN	Russell 2000 Value	Small Value	10	2.36%	8.49%	10.68%	17.18%	4.86%	-8.08%
IWS	Russell MidCap Value	Mid-Cap Value	10	2.68%	7.37%	6.91%	22.00%	5.24%	0.00%
IYC	iShares US Consumer Services	Consumer Discretionar	10	2.87%	6.73%	3.39%	25.48%	5.43%	0.00%
EWJ	iShares Japan Index	Japan Stock	10	2.27%	7.55%	10.60%	18.37%	8.30%	-7.22%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	10	2.81%	9.84%	9.70%	18.53%	6.51%	-11.23%
VBR	Vanguard SmallCap Value	Small Cap Value	10	2.55%	8.58%	8.98%	18.72%	4.55%	-5.27%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	10	2.99%	7.58%	7.26%	23.46%	6.15%	-0.14%
VT	Vanguard Total World Stock Index	Global Equities	10	2.89%	9.02%	7.13%	21.25%	6.18%	-0.45%
VTV	Vanguard Value	Large Cap Value	10	3.34%	9.21%	8.10%	20.48%	6.81%	0.00%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	10	3.10%	8.91%	9.04%	17.45%	5.76%	-6.66%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	10	2.86%	8.09%	6.75%	20.33%	5.84%	0.00%
SCHD	Schwab US Dividend Equity	All Cap Equities	10	2.59%	8.23%	6.96%	22.06%	6.99%	0.00%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	9	1.80%	8.76%	7.80%	17.38%	5.42%	-8.87%
EWQ	iShares France Index	Europe Stock	9	1.40%	9.77%	6.67%	19.95%	5.42%	-5.69%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	9	2.54%	7.73%	7.84%	18.69%	5.66%	-0.65%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	9	0.39%	4.61%	1.41%	28.27%	1.08%	-19.28%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	1.35%	9.40%	7.48%	19.63%	5.58%	-9.98%
EWL	iShares Switzerland Index	Europe Stock	9	1.35%	7.51%	3.66%	24.05%	5.97%	0.00%

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EWI	iShares Italy Index	Europe Stock	9	1.36%	9.46%	6.07%	20.45%	5.51%	-15.33%
EWG	iShares Germany Index	Europe Stock	9	1.61%	11.63%	9.57%	14.71%	5.45%	-18.43%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	9	2.28%	5.84%	3.22%	25.59%	6.60%	0.00%
EWC	iShares Canada Index	Foreign Large Cap Equ	9	2.88%	5.63%	4.77%	23.79%	4.48%	-2.50%
MCHI	iShares MSCI China	China Equities	9	3.63%	9.06%	6.29%	15.58%	2.95%	-20.72%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	9	1.75%	9.35%	9.65%	13.62%	5.31%	-9.09%
SDY	SPDR Dividend ETF	Large Value	9	1.71%	7.68%	6.98%	19.39%	5.84%	0.00%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	9	3.24%	7.39%	2.40%	24.14%	6.06%	0.00%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	9	1.60%	8.55%	7.31%	16.81%	5.05%	-8.76%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	9	2.81%	9.16%	7.34%	17.35%	4.96%	-9.45%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	9	2.02%	6.01%	3.95%	23.66%	4.52%	-0.33%
XLB	Materials Select Sector	Materials	9	2.40%	7.97%	5.85%	19.28%	5.43%	-5.98%
VAW	Vanguard Materials VIPERS	Materials	9	2.61%	8.58%	7.12%	18.87%	5.23%	-8.85%
XRT	SPDR S&P Retail	Consumer Discretionar	9	3.07%	9.80%	13.72%	9.83%	4.91%	-14.25%
IEV	S&P Europe 350 Index	Europe Stock	9	1.49%	9.52%	6.83%	16.69%	4.55%	-9.98%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	9	1.57%	6.70%	7.62%	18.78%	4.36%	-62.97%
SCHF	Schwab International Equity	Foreign Large Cap Equ	9	1.70%	8.34%	7.50%	18.27%	5.57%	-7.76%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	9	1.88%	8.52%	6.94%	16.71%	4.90%	-9.57%
VGK	Vanguard European	Europe Equities	9	1.59%	9.73%	6.54%	16.68%	4.57%	-10.65%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	9	1.57%	6.93%	9.69%	15.82%	4.38%	-66.74%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	9	2.87%	9.13%	8.37%	17.01%	5.29%	-12.94%
EZU	European Monetary Union Index	Europe Stock	8	1.09%	9.05%	6.72%	16.86%	4.46%	-13.03%
IXUS	iShares Core MSCI Total International Stock	Global Equities	8	1.71%	7.90%	6.93%	15.74%	4.49%	-10.47%
ACWX	iShares MSCI ACWI ex US	Global Equities	8	1.36%	7.85%	6.66%	15.23%	4.25%	-10.03%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	8	3.70%	10.33%	8.62%	7.65%	3.52%	-10.62%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	8	1.93%	7.53%	8.71%	14.91%	5.72%	-10.51%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	8	2.90%	4.17%	2.41%	22.66%	5.59%	0.00%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	8	1.68%	8.25%	6.58%	15.49%	4.40%	-10.61%
EWU	iShares United Kingdom Index	Europe Stock	8	1.44%	9.94%	7.65%	13.08%	3.14%	-12.38%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	8	1.50%	3.73%	0.99%	24.08%	5.30%	0.00%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	8	2.26%	8.24%	6.72%	14.33%	4.09%	-14.86%
VYM	Vanguard High Div. Yield Index	Large Cap Value	8	2.38%	7.08%	6.04%	18.04%	5.28%	0.00%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	8	1.44%	4.86%	2.48%	24.48%	4.13%	-0.99%
EWA	iShares Australia Index	Asia Pacific Equities	8	1.10%	7.09%	5.32%	19.32%	4.16%	-4.73%
VXUS	Vanguard Total International Stock	Global Equities	8	1.57%	8.04%	6.45%	15.29%	4.34%	-11.00%
EWK	iShares Belgium Index	Europe Stock	8	1.40%	6.56%	4.67%	19.34%	4.41%	-15.22%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	8	1.66%	5.06%	3.58%	21.66%	5.47%	-0.88%
IYM	Dow Jones US Basic Mat's	Materials	8	3.06%	8.39%	6.88%	14.22%	4.04%	-11.24%
XLP	Consumer Staples Select	Consumer Staples	7	1.26%	3.32%	0.65%	22.13%	5.59%	0.00%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	7	1.35%	6.40%	12.04%	8.27%	3.31%	-3.12%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	7	1.33%	3.36%	0.77%	20.57%	4.99%	0.00%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	7	1.93%	7.98%	7.17%	11.57%	3.29%	-15.11%
DVY	iShares Select Dividend Index	Large Cap Value	7	1.29%	5.50%	5.39%	16.64%	4.36%	0.00%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	7	0.87%	7.00%	6.23%	13.00%	3.18%	-14.45%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	7	2.66%	6.08%	4.04%	17.12%	3.88%	-0.24%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	7	0.83%	7.86%	8.86%	9.82%	3.23%	-16.64%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	7	1.27%	8.11%	7.13%	10.90%	3.11%	-14.49%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	7	0.98%	4.30%	2.97%	21.22%	4.65%	0.00%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	7	3.41%	4.16%	3.05%	16.26%	5.26%	-4.63%
XME	SPDR S&P Metals & Mining	Commodity Producers	7	3.85%	11.39%	7.97%	6.03%	1.33%	-29.10%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	7	1.06%	5.13%	5.20%	16.78%	4.08%	-0.31%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	6	0.30%	4.67%	3.11%	14.65%	3.13%	-6.60%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	6	0.74%	7.34%	6.39%	10.14%	2.61%	-17.16%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	0.70%	7.33%	6.43%	10.65%	2.69%	-17.01%
VNQ	Vanguard REIT Index	Real Estate	6	-1.03%	1.65%	-0.45%	25.39%	4.37%	-1.84%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	6	0.33%	6.84%	5.36%	10.23%	1.89%	-13.59%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	6	0.92%	6.99%	4.21%	11.73%	1.97%	-16.50%
HDV	iShares Core High Dividend	Large Cap Value Equiti	6	1.49%	5.71%	3.41%	14.28%	2.66%	-0.10%
GSG	iShares GSCI Commodity Index	Commodities.	6	1.83%	5.55%	3.65%	11.27%	0.34%	-16.67%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	6	1.51%	7.75%	6.14%	8.92%	1.05%	-15.34%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	6	0.43%	3.07%	1.57%	18.19%	4.29%	0.00%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	6	0.07%	4.59%	3.84%	15.99%	3.35%	-6.68%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	0.98%	6.52%	3.90%	14.42%	1.56%	-7.43%
IYR	Dow Jones US Real Estate	Real Estate	6	-1.02%	1.38%	-0.67%	24.71%	4.18%	-1.99%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	6	1.89%	1.16%	-0.45%	19.78%	6.20%	-1.39%
SCHH	Schwab U.S. REIT	Real Estate	6	-1.07%	1.44%	0.66%	22.59%	3.85%	-1.91%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	6	-0.24%	5.79%	1.05%	17.12%	-0.27%	-9.05%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	6	-0.57%	2.79%	1.88%	18.91%	3.79%	-1.42%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	6	-0.09%	1.52%	0.16%	23.39%	4.21%	-0.69%
INDA	iShares MSCI India	Emerging Markets Equi	6	0.63%	7.41%	11.02%	5.16%	2.74%	-7.88%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	6	1.48%	4.55%	5.57%	13.14%	2.63%	-0.64%
RWR	Wilshire REIT Fund	Real Estate	6	-0.98%	1.47%	0.53%	21.86%	3.65%	-1.85%
RWX	SPDR DJ Wil Intern. RE	Real Estate	6	-0.32%	4.30%	3.90%	15.22%	3.87%	-5.54%
PIN	PowerShares India Portfolio	Emerging Markets Equi	6	0.28%	6.99%	10.25%	4.55%	2.72%	-52.13%
MOO	VanEck Vectors Agribusiness	Commodity Producers	6	-0.04%	4.35%	1.52%	17.09%	2.85%	-1.64%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5	0.72%	8.72%	10.25%	1.63%	2.79%	-24.32%
IYZ	Down Jones US Telecom	Commun. Equities	5	-0.40%	4.95%	4.14%	12.56%	0.53%	-18.83%
ICF	Cohen & Steers Realty	Real Estate	5	-1.52%	0.02%	-2.56%	23.62%	2.92%	-3.10%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	5	1.75%	6.06%	2.99%	9.36%	0.18%	-9.60%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	5	0.53%	6.62%	3.49%	8.64%	0.79%	-13.25%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	5	-0.16%	4.02%	1.94%	13.02%	2.09%	-3.66%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	5	2.44%	-2.52%	-6.31%	25.98%	9.39%	-6.59%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	5	2.18%	4.02%	1.08%	10.90%	0.64%	-19.78%
FXI	iShares China 25 Index	China Equities	5	1.79%	6.05%	5.04%	7.65%	0.45%	-22.09%
VPU	Vanguard Utilities VIPERS	Utilities Equities	4	-1.47%	-1.07%	-1.27%	18.66%	3.60%	-3.27%
EWSP	iShares Spain Index	Europe Stock	4	-0.94%	5.03%	5.34%	5.85%	-0.24%	-21.66%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	-0.04%	1.22%	1.26%	12.58%	2.42%	-2.39%
JXI	iShares S&P Global Utilities	Utilities Equities	4	-1.17%	0.10%	0.17%	16.86%	3.54%	-2.27%

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EWI	iShares Hong Kong Index	China Equities	4	1.09%	5.96%	1.27%	6.38%	-3.30%	-11.53%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	1.02%	0.78%	-0.26%	13.66%	4.06%	-0.67%
IXC	S&P Global Energy	Energy Equities	4	1.38%	5.78%	5.09%	5.45%	-2.48%	-21.43%
IDU	Dow Jones US Utilities	Utilities Equities	4	-1.39%	-1.10%	-1.22%	18.03%	3.41%	-3.00%
BLV	Vanguard Long Term Bond	Long-Term Bond	4	1.46%	-0.34%	-2.39%	17.07%	5.81%	-2.88%
DBC	PowerShares DB Commodity Index	Commodities	4	1.30%	4.83%	3.44%	7.80%	0.54%	-15.75%
IGE	iShares North American Natural Resources	Commodity Producers	4	1.94%	5.30%	2.26%	8.09%	-1.81%	-22.77%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	4	5.52%	1.07%	3.61%	7.41%	7.11%	-43.99%
XLU	Utilities Select Sector	Utilities Equities	4	-1.24%	-0.97%	-1.00%	19.26%	4.00%	-2.80%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	4	-2.65%	-1.59%	-3.39%	24.88%	4.14%	-4.61%
EDV	Vanguard Extended Duration Treasury	Government Bonds	4	1.79%	-2.57%	-6.33%	22.07%	7.87%	-6.55%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	4	-3.27%	-2.13%	-12.53%	32.98%	7.75%	-18.91%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	0.36%	0.23%	-0.49%	10.42%	2.67%	-0.65%
FPE	First Trust Preferred Securities and Income	Preferred Stock	3	0.00%	0.86%	1.17%	10.92%	2.28%	-1.48%
EWI	iShares Mexico Index	Latin America Stock	3	-2.47%	4.81%	4.56%	6.29%	0.50%	-24.04%
FXB	CurrencyShares British Pound	Currency	3	0.06%	4.96%	5.58%	1.21%	1.62%	-13.96%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	3	1.33%	6.92%	5.15%	0.02%	-4.28%	-34.15%
IYE	Dow Jones US Energy	Specialty-Natural Res.	3	2.09%	5.23%	2.32%	2.09%	-4.75%	-26.76%
TLT	iShares 20+ Treas. Bd	Government Bonds	3	0.98%	-2.01%	-4.55%	15.81%	5.65%	-4.79%
XLE	Energy Select Sector	Energy Equities	3	2.20%	5.46%	2.57%	3.73%	-3.87%	-24.61%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	3	-2.85%	5.59%	0.97%	7.90%	-0.38%	-14.83%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	-0.67%	0.38%	-0.13%	9.00%	0.95%	-7.37%
SIL	Global X Silver Miners	Commodity Producers	2	-1.92%	2.53%	-9.59%	16.43%	7.34%	-45.64%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	2	0.55%	0.02%	-1.06%	6.76%	1.56%	-1.49%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2	-0.05%	0.42%	-0.16%	7.64%	0.76%	-0.73%
EZA	iShares South Africa Index	Emerging Markets Equi	2	0.02%	6.36%	1.67%	-0.95%	-4.14%	-34.23%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	-1.33%	-1.20%	-1.27%	9.87%	0.32%	-4.33%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	-0.01%	1.07%	0.28%	7.72%	-4.45%	-66.58%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	0.07%	-0.53%	-1.33%	7.92%	2.07%	-1.37%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	0.82%	0.28%	-0.93%	6.52%	1.58%	-1.23%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	2	-2.69%	-0.98%	-12.96%	23.10%	6.53%	-28.05%
UUP	PowerShares DB US Dollar Bullish	Currency	2	1.13%	-0.19%	0.67%	5.85%	2.07%	-0.59%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	2	-2.88%	-2.74%	-13.86%	26.41%	6.12%	-14.88%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	0.02%	1.18%	0.47%	7.44%	0.65%	-2.07%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	2	0.94%	-2.03%	-4.43%	15.47%	5.47%	-4.73%
VDE	Vanguard Energy VIPERS	Energy Equities	2	1.66%	4.62%	1.60%	0.66%	-5.82%	-28.74%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	2	0.49%	1.26%	-2.50%	6.99%	-1.53%	-12.91%
EWZ	iShares Brazil Index	Latin America Stock	2	-7.02%	3.24%	2.21%	10.21%	-0.69%	-11.05%
DJP	Bloomberg Commodity Index	Commodities	1	-1.65%	1.52%	0.23%	3.72%	-0.71%	-14.29%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	0.11%	-0.87%	-1.73%	6.17%	1.74%	-1.73%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	-0.61%	0.01%	-2.76%	8.17%	0.44%	-4.72%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	0.04%	-0.36%	-0.74%	4.49%	1.18%	-0.77%
MUB	iShares S&P National Muni Bond	National Munis	1	0.17%	-0.07%	-0.84%	4.59%	1.02%	-1.13%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	1	-0.65%	-0.52%	-3.93%	9.08%	0.33%	-6.88%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	0.39%	-0.07%	-0.86%	5.66%	1.45%	-0.92%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	-1.01%	-0.75%	-0.90%	7.43%	0.39%	-4.51%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	-0.54%	0.02%	-0.44%	3.99%	-0.75%	-2.95%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	-0.13%	-1.19%	-2.27%	7.16%	2.07%	-2.27%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.12%	-0.84%	-1.57%	4.54%	1.21%	-1.60%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	0.69%	1.52%	6.99%	-5.08%	-0.20%	-29.97%
PZA	Pshares Insured National Munis	National Munis	1	0.34%	-0.56%	-1.34%	5.88%	1.14%	-1.45%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	1	0.15%	-1.83%	-3.56%	10.34%	3.23%	-3.68%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	0.21%	-0.27%	-1.01%	6.41%	1.94%	-1.02%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	0.26%	-0.18%	-0.91%	6.11%	1.86%	-0.99%
ILF	iShares S&P 40 Latin America	Latin America Stock	1	-5.84%	2.97%	2.43%	2.50%	-3.54%	-20.03%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	-2.30%	0.00%	-0.76%	7.92%	0.34%	-3.51%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	1	-0.97%	1.60%	1.32%	2.73%	-0.04%	-16.01%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	-0.50%	0.09%	-0.35%	3.59%	-0.60%	-3.91%
VVOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	-0.60%	0.14%	-1.89%	7.35%	0.66%	-2.37%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	-0.01%	-0.04%	-0.17%	4.02%	0.89%	-0.28%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.03%	-0.72%	-1.30%	7.39%	1.77%	-1.62%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	0.24%	-0.30%	-1.01%	6.25%	1.86%	-1.05%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.28%	0.26%	-0.75%	2.82%	0.30%	-0.91%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	0.08%	-0.25%	-0.45%	3.20%	0.73%	-0.47%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	0.63%	-1.32%	-2.79%	8.05%	2.24%	-3.02%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.27%	-0.13%	-0.66%	3.21%	-0.93%	-4.01%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.10%	-0.61%	-1.31%	3.31%	0.39%	-2.61%
IAU	iShares Gold Trust	Precious Metals	0	-2.86%	-3.00%	-6.52%	13.18%	3.79%	-6.52%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.07%	-0.15%	-0.39%	1.34%	0.32%	-0.70%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-0.11%	-0.73%	-1.34%	4.04%	1.04%	-1.34%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.60%	0.00%	-0.63%	2.65%	-1.16%	-5.05%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
PPLT	ETFs Physical Platinum Shares	Precious Metals	0	-3.06%	0.64%	-9.46%	12.09%	2.78%	-25.56%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.02%	0.12%	0.13%	0.53%	0.14%	-0.03%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.10%	-0.27%	-0.52%	2.72%	0.63%	-0.55%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.10%	-0.20%	-0.38%	1.26%	0.31%	-0.91%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-0.13%	-0.84%	-1.60%	4.42%	1.18%	-1.60%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.04%	0.28%	0.35%	1.31%	0.26%	-0.08%
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%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.12%	-0.18%	-0.41%	1.24%	0.29%	-0.84%
GLD	SPDR Gold Shares	Precious Metals	0	-2.84%	-3.01%	-6.58%	13.00%	3.70%	-6.58%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	-0.90%	-0.77%	-2.26%	3.26%	0.35%	-3.71%
OIH	Oil Services HOLDRs	Energy Equities	0	5.39%	7.58%	2.05%	-15.04%	-14.69%	-66.03%
EWM	iShares Malaysia Index	Emerging Markets Equi	-1	-0.18%	1.12%	-0.04%	-6.11%	-3.34%	-23.36%
FXV	CurrencyShares Japanese Yen Trust	Currency	-2	-0.62%	-2.16%	-3.02%	-0.37%	-0.85%	-10.24%

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FXE	CurrencyShares Euro Currency Trust	Currency	-2	-1.38%	0.22%	-0.49%	-4.68%	-1.80%	-13.37%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-3	-1.14%	1.93%	3.88%	-15.05%	-6.68%	-22.21%
SLV	iShares Silver Trust	Precious Metals	-3	-5.32%	-3.59%	-13.63%	9.09%	4.81%	-19.18%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-5	2.05%	2.65%	-3.86%	-22.64%	-22.35%	-70.62%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-5	-2.34%	3.78%	7.85%	-28.86%	-13.71%	-41.42%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-5	-1.27%	0.32%	-1.89%	-18.77%	-14.68%	-48.57%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-7	-1.79%	-0.48%	-4.01%	-21.41%	-18.60%	-53.22%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-8	-1.46%	-7.64%	-6.81%	-15.65%	-5.51%	-30.23%
DOG	ProShares Short Dow 30	Bear Market	-9	-3.62%	-7.51%	-6.76%	-18.34%	-6.65%	-44.00%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-9	-10.88%	-8.29%	-27.48%	9.06%	5.41%	-49.14%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-10	-3.37%	-8.39%	-7.15%	-21.26%	-7.65%	-40.77%
RWM	ProShares Short Russell2000	Inverse Equities	-10	-3.81%	-9.39%	-9.63%	-19.01%	-6.30%	-40.07%
UNG	U.S. Natural Gas Fund	Oil & Gas	-10	-9.65%	-0.83%	-9.05%	-22.30%	-9.70%	-78.26%
PSQ	ProShares Short QQQ	Inverse Equities	-12	-4.29%	-10.48%	-8.88%	-25.99%	-9.65%	-54.23%
ECH	iShares Chile Index	Latin America	-18	-12.69%	-18.22%	-14.07%	-26.71%	-22.92%	-45.97%
HDGE	Ranger Equity Bear	Inverse Equities	-19	-9.06%	-16.25%	-18.29%	-32.15%	-13.20%	-49.07%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-90	-90.28%	-90.30%	-90.65%	-88.67%	-88.81%	-90.65%