

HV ETF Master List as of 01/02/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	16	12.30%	19.30%	30.78%	-0.20%	17.46%	-8.83%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	13	16.86%	13.43%	20.33%	0.00%	-4.50%	-65.81%
OIH	Oil Services HOLDRs	Energy Equities	11	12.50%	10.82%	20.76%	0.15%	-0.81%	-62.04%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	11	10.92%	9.25%	21.42%	2.15%	21.12%	0.00%
SMH	VanEch Vectors Semiconductor	Technology Equities	10	9.58%	8.84%	20.87%	2.29%	21.88%	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	10	1.50%	15.56%	24.50%	-0.39%	11.34%	-6.40%
EWZ	iShares Brazil Index	Latin America Stock	10	10.00%	8.71%	17.59%	2.24%	13.01%	0.00%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	9	-0.13%	13.20%	21.19%	-0.24%	8.83%	-6.86%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	9	5.53%	11.93%	16.32%	0.42%	9.44%	-5.28%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	9	2.61%	9.16%	23.67%	-0.52%	14.47%	-1.07%
IYW	Dow Jones US Technology	Technology Equities	9	7.51%	8.91%	16.27%	2.16%	15.27%	0.00%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	9	6.93%	9.70%	19.44%	1.28%	12.51%	-12.73%
FXN	1st Trust Energy AlphaDEX	Energy Equities	9	13.92%	7.21%	14.29%	-0.19%	-0.47%	-41.91%
XLK	Technology Select	Technology Equities	9	7.59%	9.05%	16.07%	2.00%	15.56%	0.00%
MCHI	iShares MSCI China	China Equities	9	10.36%	7.80%	16.40%	3.34%	11.90%	-13.67%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	8	7.70%	15.19%	10.65%	-0.33%	18.38%	-18.01%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	8	0.87%	10.65%	21.10%	-0.35%	11.33%	-64.83%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	8	6.57%	7.85%	14.56%	1.80%	12.78%	0.00%
VGT	Vanguard Info Technology	Technolgy Equities	8	7.31%	8.90%	15.78%	1.93%	14.68%	0.00%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	8	15.47%	4.28%	14.02%	-0.38%	-3.86%	-46.91%
EWD	iShares Sweden Index	Europe Stock	8	6.05%	5.29%	16.66%	3.17%	10.08%	-7.55%
SIL	Global X Silver Miners	Commodity Producers	8	6.46%	11.62%	13.78%	-0.81%	18.94%	-38.53%
IWF	Russell 1000 Growth	Large Growth	7	5.13%	7.53%	12.17%	1.50%	10.70%	0.00%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	7	2.57%	8.86%	15.75%	0.09%	8.05%	-12.67%
VHT	Vanguard Health Care	Health & Biotech Equiti	7	2.91%	9.22%	15.97%	0.33%	10.75%	-0.52%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	7	4.91%	7.62%	12.30%	1.44%	11.01%	0.00%
USO	U.S. Oil Fund	Oil & Gas.	7	5.09%	7.83%	14.48%	0.08%	6.71%	-20.34%
PPLT	ETFS Physical Platinum Shares	Precious Metals	7	9.21%	7.73%	8.95%	1.57%	11.38%	-18.49%
IYH	Dow Jones US Healthcare	Specialty-Health	7	2.98%	9.17%	15.63%	0.39%	10.89%	-0.40%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	7	12.16%	9.23%	3.34%	1.45%	15.74%	-43.09%
BBH	VanEck Vectors Biotech	Health & Biotech	7	-0.14%	8.70%	18.93%	0.21%	10.27%	-2.26%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	5.74%	7.70%	12.11%	1.64%	11.23%	0.00%
IGV	iShares North American Tech-Software	Technology Equities	7	4.68%	8.77%	11.55%	1.90%	8.42%	0.00%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	7	8.13%	4.16%	12.38%	1.79%	7.30%	-7.40%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	7	1.86%	8.51%	15.83%	0.04%	9.69%	-0.89%
VVO	Vanguard Emerging Markets	Emerging Markets Equi	7	7.15%	5.30%	12.31%	2.38%	8.52%	-10.69%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	7	10.38%	3.94%	12.55%	0.38%	4.26%	-28.97%
FXI	iShares China 25 Index	China Equities	7	9.73%	4.25%	10.13%	2.89%	7.66%	-16.89%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	6	6.52%	3.68%	11.32%	2.06%	8.01%	-12.47%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	6	5.62%	3.66%	10.76%	2.26%	8.06%	-9.88%
EWL	iShares Switzerland Index	Europe Stock	6	5.38%	5.98%	10.37%	1.16%	9.18%	0.00%

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VGK	Vanguard European	Europe Equities	6	4.94%	4.88%	11.83%	1.29%	7.93%	-6.93%
ILF	iShares S&P 40 Latin America	Latin America Stock	6	7.27%	3.82%	11.07%	2.62%	6.47%	-11.82%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	6	2.45%	6.80%	13.04%	2.37%	11.78%	-41.32%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	6	4.79%	4.53%	11.92%	1.41%	8.70%	-5.52%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6	4.59%	6.37%	11.31%	1.07%	9.59%	0.00%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	6	4.34%	6.32%	10.11%	1.38%	8.12%	0.00%
SPYG	S&P 500 Growth	Large Cap Growth	6	4.73%	6.70%	10.45%	1.53%	8.58%	0.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	6	3.77%	6.11%	11.61%	0.99%	9.58%	0.00%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	6.91%	3.86%	11.47%	2.12%	8.30%	-12.10%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	6	4.13%	6.35%	10.33%	1.21%	7.16%	0.00%
RSX	Market Vectors Russia	Emerging Markets Equi	6	6.13%	1.71%	12.32%	2.77%	10.94%	-1.46%
IWO	Russell 2000 Growth	Small Growth	6	2.70%	6.29%	14.01%	0.00%	7.28%	-2.61%
VUG	Vanguard Growth	Large Cap Growth	6	5.34%	7.45%	11.57%	1.55%	10.59%	0.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	6	4.84%	6.76%	10.55%	1.57%	8.66%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	6	2.76%	7.82%	14.44%	0.50%	11.04%	-43.95%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	6	3.90%	5.33%	14.98%	1.25%	11.69%	0.00%
PKW	PowerShares Buyback Achievers	All Cap Equities	6	4.55%	4.19%	13.22%	0.97%	9.77%	0.00%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	6	6.71%	11.82%	6.05%	-0.46%	16.24%	-9.70%
XLF	Financial Select Sector	Financial Equities	6	3.74%	4.12%	13.80%	1.17%	10.60%	0.00%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	6	8.50%	3.70%	8.93%	2.20%	8.50%	-13.17%
XLV	Health Care Select SPDR	Health & Biotech Equiti	6	2.39%	8.14%	14.50%	0.42%	10.27%	-0.95%
IVW	S&P 500/BARRA Growth	Large Growth	6	4.49%	6.49%	10.18%	1.52%	8.33%	0.00%
XME	SPDR S&P Metals & Mining	Commodity Producers	6	2.78%	6.15%	14.35%	-0.58%	6.91%	-25.56%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	6	3.73%	3.51%	17.61%	0.69%	12.76%	-2.45%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	6	7.46%	4.03%	12.31%	2.03%	8.73%	-10.29%
KBE	SPDR S&P Bank	Specialty-Financial	5	2.91%	2.27%	13.16%	0.06%	7.95%	-8.62%
IEV	S&P Europe 350 Index	Europe Stock	5	4.74%	4.48%	11.08%	1.24%	7.46%	-6.67%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	5	4.00%	4.29%	10.52%	1.24%	9.27%	-0.05%
IWV	Russell 3000 Index	All Cap Equities	5	3.94%	5.33%	10.79%	0.91%	8.67%	0.00%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5	3.51%	3.70%	10.34%	0.73%	7.97%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	3.89%	5.33%	10.60%	1.06%	8.86%	0.00%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5	2.19%	7.44%	10.65%	0.68%	9.61%	-0.02%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	3.32%	4.76%	11.28%	0.00%	6.44%	-7.39%
IWM	Russell 2000	Small Blend	5	3.01%	4.49%	12.23%	-0.19%	6.83%	-4.18%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	3.77%	5.21%	10.64%	0.92%	8.58%	0.00%
IWB	Russell 1000 Index	Large Blend	5	3.97%	5.42%	10.75%	0.98%	8.85%	0.00%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5	3.03%	4.02%	11.50%	-0.11%	6.13%	-3.17%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	3.72%	5.14%	10.67%	0.87%	8.47%	0.00%
IVE	S&P 500/BARRA Value	Large Value	5	3.44%	3.94%	11.24%	0.55%	9.69%	0.00%
IVV	S&P 500	Large Blend	5	3.98%	5.27%	10.64%	1.08%	8.93%	0.00%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	3.20%	6.52%	10.11%	1.06%	7.42%	0.00%
VOX	Vanguard Telecom Serv's	Communication Equitie	5	3.43%	5.38%	10.18%	1.20%	7.28%	-8.75%
VDE	Vanguard Energy VIPERS	Energy Equities	5	7.34%	2.69%	9.53%	0.97%	1.19%	-24.54%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5	8.40%	1.07%	9.07%	-0.08%	7.10%	-21.34%

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VEU	Vanguard FTSE All-World ex-US	Global Equities	5	4.23%	3.30%	9.94%	1.43%	7.07%	-7.56%
VFH	Vanguard Financials	Financials Equities	5	3.30%	3.76%	12.97%	0.91%	9.60%	0.00%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	2.96%	1.79%	11.45%	2.53%	7.98%	-2.44%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	5	3.94%	3.12%	11.90%	1.39%	14.30%	-0.07%
EWN	iShares Netherlands Index	Europe Stock	5	4.71%	4.68%	10.04%	1.48%	8.92%	0.00%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	5	4.15%	3.18%	12.80%	0.71%	9.48%	0.00%
EWH	iShares Hong Kong Index	China Equities	5	7.04%	0.28%	11.40%	2.55%	1.33%	-8.18%
EZU	European Monetary Union Index	Europe Stock	5	4.40%	3.64%	10.32%	1.68%	7.24%	-9.91%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	3.53%	6.34%	9.18%	0.93%	6.89%	0.00%
EWU	iShares United Kingdom Index	Europe Stock	5	5.01%	4.15%	11.13%	0.59%	5.86%	-9.85%
EWG	iShares Germany Index	Europe Stock	5	3.46%	2.65%	12.46%	2.05%	7.31%	-16.19%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	5	3.53%	4.24%	10.35%	1.15%	7.03%	-11.81%
VT	Vanguard Total World Stock Index	Global Equities	5	4.12%	4.50%	10.48%	1.17%	8.09%	0.00%
VTI	Total Stock Market VIPERs	All Cap Equities	5	3.84%	5.27%	10.70%	0.92%	8.60%	0.00%
VV	Vanguard LargeCap	Large Cap Blend	5	4.07%	5.48%	10.80%	1.10%	9.06%	0.00%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	4.06%	4.18%	8.91%	1.41%	7.54%	0.00%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	5	2.89%	4.85%	10.78%	0.13%	6.48%	-0.35%
VXUS	Vanguard Total International Stock	Global Equities	5	4.24%	3.38%	9.77%	1.37%	7.02%	-7.95%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	5	3.27%	4.33%	10.03%	0.79%	8.86%	0.00%
ACWI	iShares MSCI ACWI	Global Equities	5	3.64%	3.76%	9.71%	1.18%	7.65%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	4.11%	5.41%	10.80%	1.05%	9.09%	0.00%
SPY	SPDR S&P 500	Large Cap Blend	5	4.12%	5.42%	10.79%	1.07%	9.11%	0.00%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	5	5.22%	4.98%	7.85%	1.18%	6.29%	0.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5	3.39%	4.50%	10.11%	0.52%	6.81%	0.00%
FEZ	SPDR Euro Stoxx 50	Europe Stock	5	4.35%	3.75%	10.47%	1.55%	8.06%	-6.67%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5	2.56%	6.54%	11.07%	0.41%	7.14%	-0.04%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	5	6.26%	10.80%	4.63%	-0.20%	13.78%	-6.29%
EWQ	iShares France Index	Europe Stock	5	4.60%	4.08%	10.46%	1.17%	7.95%	-2.34%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	5	5.78%	3.92%	9.85%	0.63%	5.28%	-4.94%
KRE	SPDR S&P Region.Banking	Specialty-Financial	5	4.12%	2.91%	14.17%	0.09%	8.50%	-11.15%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	5	2.86%	7.29%	9.05%	0.72%	5.53%	-15.30%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	4.83%	5.38%	9.06%	1.11%	5.70%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	5	3.59%	3.67%	10.66%	0.75%	8.57%	0.00%
GSG	iShares GSCI Commodity Index	Commodities.	5	4.49%	4.62%	8.53%	0.43%	4.70%	-12.98%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	3.63%	5.32%	9.99%	0.87%	8.76%	0.00%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	3.04%	2.51%	8.91%	1.29%	6.36%	-6.79%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	3.78%	2.89%	9.21%	1.28%	6.73%	-7.82%
IYC	iShares US Consumer Services	Consumer Discretionar	4	3.73%	4.21%	6.76%	1.03%	5.46%	0.00%
IYJ	Dow Jones US Industrial	Industrial Equities	4	3.12%	2.83%	9.91%	1.52%	6.85%	0.00%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	4	4.16%	2.70%	8.20%	1.68%	6.67%	0.00%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	2.94%	4.67%	7.41%	0.97%	5.36%	0.00%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	3.69%	2.54%	8.89%	1.49%	6.39%	-7.48%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	4	3.83%	2.22%	9.07%	2.15%	7.21%	0.00%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	2.92%	2.61%	9.10%	1.31%	6.66%	-6.93%

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EWK	iShares Belgium Index	Europe Stock	4	3.17%	4.45%	7.69%	1.00%	6.86%	-12.30%
EWW	iShares Mexico Index	Latin America Stock	4	7.06%	1.78%	6.37%	2.46%	5.67%	-19.72%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4	2.67%	1.67%	10.97%	-0.37%	6.94%	-7.22%
IJR	S&P Sm.Cap 600	Small Blend	4	2.99%	3.26%	11.18%	-0.17%	6.74%	-7.09%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	4	4.39%	1.58%	9.13%	0.63%	4.42%	-12.59%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	3.00%	4.53%	9.11%	0.14%	5.86%	0.00%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	4	3.04%	3.53%	9.37%	0.97%	7.54%	0.00%
IWD	Russell 1000 Value	Large Value	4	2.65%	3.11%	9.04%	0.50%	6.81%	0.00%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4	2.94%	4.42%	9.04%	0.32%	6.45%	-73.31%
EWI	iShares Italy Index	Europe Stock	4	3.82%	1.98%	9.32%	1.84%	7.25%	-13.18%
IJH	S&P MidCap 400	Mid-Cap Blend	4	2.81%	3.49%	9.57%	-0.15%	6.04%	-0.15%
IWN	Russell 2000 Value	Small Value	4	3.08%	2.47%	10.27%	-0.49%	6.14%	-6.32%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	4	2.41%	2.82%	8.95%	1.30%	4.89%	-1.01%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	4	3.39%	3.88%	10.47%	0.09%	5.80%	-0.31%
IYF	Dow Jones US Financial Sector	Specialty-Financial	4	2.77%	3.82%	9.61%	0.73%	8.19%	0.00%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4	2.61%	2.52%	10.03%	-0.44%	6.27%	-0.44%
XLI	Industrial Select Sector	Industrial Equities	4	3.58%	1.67%	10.12%	2.00%	6.80%	0.00%
SLV	iShares Silver Trust	Precious Metals	4	6.06%	5.06%	2.69%	0.72%	9.68%	-14.23%
XLY	Consumer Discretionary Sec.	Consumer Discretionar	4	5.08%	4.63%	6.43%	1.26%	5.80%	0.00%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	3.44%	2.07%	10.53%	0.27%	6.74%	-2.28%
RSP	Guggenheim S&P Equal Weight	Large Blend	4	3.37%	4.03%	9.86%	0.41%	7.12%	0.00%
VTV	Vanguard Value	Large Cap Value	4	2.84%	3.54%	10.03%	0.64%	7.57%	-0.27%
VYM	Vanguard High Div. Yield Index	Large Cap Value	4	2.74%	2.96%	8.09%	0.43%	6.30%	-0.53%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	4	3.14%	5.44%	5.42%	0.14%	1.11%	-7.69%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	4	3.09%	6.20%	6.46%	0.62%	6.33%	0.00%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	4.10%	2.58%	9.56%	1.16%	5.76%	-11.90%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4	2.97%	4.47%	8.71%	0.47%	6.52%	0.00%
VIS	Vanguard Industrials	industrials Equities	4	3.29%	1.79%	10.30%	1.68%	6.95%	0.00%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	3.42%	2.94%	9.30%	1.09%	6.66%	-7.23%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	2.82%	3.51%	9.56%	-0.16%	6.07%	-0.16%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	4	2.14%	3.56%	10.48%	0.93%	7.08%	-10.76%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	4	2.82%	3.02%	8.82%	0.63%	6.63%	0.00%
VB	Vanguard SmallCap	Small Cap Blend	4	2.52%	4.09%	10.19%	-0.01%	5.96%	-0.49%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	4	2.09%	5.31%	6.82%	0.49%	5.77%	0.00%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	2.13%	3.94%	10.50%	1.16%	7.85%	-9.18%
XRT	SPDR S&P Retail	Consumer Discretionar	4	4.37%	2.15%	9.87%	-1.08%	6.23%	-13.03%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	2.97%	2.18%	9.84%	-0.06%	6.60%	-5.00%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	2.45%	3.31%	9.14%	0.10%	5.65%	0.00%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	3	2.64%	1.42%	7.48%	1.45%	6.17%	-0.47%
IGE	iShares North American Natural Resources	Commodity Producers	3	3.53%	1.51%	6.83%	0.40%	1.44%	-20.69%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	2.50%	0.88%	8.17%	1.31%	4.58%	-15.31%
DBC	PowerShares DB Commodity Index	Commodities	3	2.57%	2.57%	5.69%	0.06%	2.84%	-13.86%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	1.97%	1.83%	5.90%	0.47%	4.63%	-1.45%
IAU	iShares Gold Trust	Precious Metals	3	3.54%	4.13%	2.24%	0.62%	7.29%	-1.81%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	3	4.06%	0.19%	6.53%	2.09%	5.43%	-0.31%
HDV	iShares Core High Dividend	Large Cap Value Equiti	3	2.32%	1.82%	6.61%	0.40%	3.98%	-0.08%
SCHF	Schwab International Equity	Foreign Large Cap Equ	3	2.11%	1.38%	7.62%	1.10%	5.76%	-6.74%
GLD	SPDR Gold Shares	Precious Metals	3	3.56%	4.11%	2.23%	0.65%	7.23%	-1.85%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	3	2.43%	2.80%	8.23%	-0.06%	6.23%	-0.54%
FXO	1st Trust Financials AlphaDEX	Financial Equities	3	1.73%	2.32%	8.71%	0.21%	5.39%	0.00%
VAW	Vanguard Materials VIPERS	Materials	3	1.95%	1.24%	8.54%	-1.01%	4.99%	-8.15%
EWM	iShares Malaysia Index	Emerging Markets Equi	3	4.82%	0.07%	5.43%	1.55%	0.94%	-20.73%
VBR	Vanguard SmallCap Value	Small Cap Value	3	2.55%	2.12%	9.47%	-0.36%	5.00%	-4.24%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	3	1.90%	0.62%	7.22%	0.49%	5.70%	0.00%
EWP	iShares Spain Index	Europe Stock	3	3.79%	1.84%	6.39%	1.70%	2.97%	-19.15%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	2.83%	4.07%	6.36%	0.67%	6.81%	0.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	1.10%	0.82%	8.66%	1.10%	8.08%	-7.42%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	3	2.10%	4.80%	6.44%	-0.20%	6.61%	-0.71%
SCHD	Schwab US Dividend Equity	All Cap Equities	3	2.22%	2.16%	8.02%	0.38%	6.90%	-0.14%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	3	1.80%	2.53%	7.91%	0.24%	7.13%	-0.38%
XLB	Materials Select Sector	Materials	3	2.03%	1.28%	7.89%	-1.06%	4.89%	-5.29%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	3	1.43%	1.29%	8.67%	-0.41%	5.50%	-0.96%
DJP	Bloomberg Commodity Index	Commodities	3	4.52%	1.69%	4.95%	0.09%	3.44%	-10.86%
IYM	Dow Jones US Basic Mat's	Materials	3	2.64%	0.65%	9.27%	-0.76%	4.44%	-10.25%
IYT	Dow Jones Transportation	Transportation Equities	3	3.63%	-0.98%	9.00%	0.86%	4.01%	-5.44%
MOO	VanEck Vectors Agribusiness	Commodity Producers	3	4.54%	2.09%	6.12%	0.76%	5.29%	0.00%
IWS	Russell MidCap Value	Mid-Cap Value	3	2.63%	2.99%	8.27%	-0.20%	5.74%	-0.20%
INDA	iShares MSCI India	Emerging Markets Equi	3	2.30%	1.72%	8.61%	1.28%	3.97%	-6.52%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2	2.69%	2.11%	1.39%	0.72%	2.02%	-6.13%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	2	2.55%	-0.77%	5.13%	1.68%	4.00%	-1.43%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2	2.93%	2.16%	0.93%	0.87%	2.19%	-2.20%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	2	-0.55%	-0.60%	8.69%	1.10%	7.33%	-13.28%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	2.43%	2.04%	0.85%	0.69%	1.92%	-2.76%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	1.68%	0.36%	6.83%	1.12%	5.66%	-9.79%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	2	1.91%	2.61%	5.16%	-0.30%	2.50%	-28.14%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	2.99%	2.52%	1.75%	0.37%	2.54%	-4.20%
IYE	Dow Jones US Energy	Specialty-Natural Res.	2	3.42%	-0.80%	5.81%	1.06%	-1.56%	-25.40%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	0.94%	3.32%	5.18%	-1.06%	4.89%	-3.73%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	2	1.42%	0.74%	4.99%	-0.86%	3.02%	-1.04%
FXB	CurrencyShares British Pound	Currency	2	-0.13%	2.53%	5.51%	-0.74%	3.50%	-12.42%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	2	2.50%	-0.47%	6.05%	1.32%	1.76%	-7.04%
EWJ	iShares Japan Index	Japan Stock	2	-0.18%	-0.17%	6.04%	1.13%	6.61%	-7.44%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	2	3.44%	1.83%	4.29%	0.21%	2.99%	-13.54%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	2	0.46%	2.96%	3.32%	-0.71%	4.53%	-1.27%
KIE	SPDR S&P Insurance	Specialty-Financial	2	1.89%	1.57%	4.70%	0.48%	4.19%	-62.02%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	1.48%	3.31%	3.01%	0.18%	4.69%	-0.08%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	2	2.19%	1.09%	6.86%	-0.58%	4.40%	-62.68%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	2	1.62%	0.95%	4.84%	0.17%	4.20%	-0.78%

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SDY	SPDR Dividend ETF	Large Value	2	1.24%	1.06%	7.07%	-0.26%	5.07%	-0.45%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	2	-0.03%	-0.36%	7.41%	1.09%	7.24%	-5.37%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	0.88%	3.13%	4.47%	-0.94%	5.08%	-1.71%
DVY	iShares Select Dividend Index	Large Cap Value	2	2.11%	1.39%	5.59%	-0.23%	4.64%	-0.40%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	2	1.58%	-1.81%	5.34%	1.28%	1.89%	-13.27%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	2	-0.31%	1.06%	5.31%	0.11%	6.98%	-2.35%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	2.35%	2.23%	1.51%	0.12%	1.97%	-2.77%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	2	1.24%	0.74%	7.63%	-0.80%	4.32%	-66.63%
XLE	Energy Select Sector	Energy Equities	2	3.38%	-0.59%	6.06%	1.05%	-1.06%	-23.23%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	1.73%	1.77%	2.20%	0.42%	1.77%	-0.74%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	2	0.50%	0.34%	3.01%	2.50%	4.56%	-2.70%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	0.32%	2.65%	1.51%	0.31%	4.09%	-1.74%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	1.73%	1.71%	2.13%	0.40%	-3.40%	-66.14%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	1.05%	0.90%	2.21%	0.47%	2.65%	-1.56%
JXI	iShares S&P Global Utilities	Utilities Equities	1	1.46%	3.21%	0.87%	-0.55%	4.13%	-0.73%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1	1.54%	0.00%	3.68%	0.47%	2.97%	-6.04%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	2.19%	2.05%	1.32%	0.18%	2.00%	-0.55%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	1.31%	1.21%	1.82%	0.35%	2.71%	-0.45%
XLP	Consumer Staples Select	Consumer Staples	1	0.08%	2.76%	2.59%	-0.64%	4.55%	-1.22%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	1.02%	1.51%	2.28%	0.22%	0.77%	-2.35%
IYZ	Down Jones US Telecom	Commun. Equities	1	1.70%	-0.23%	4.07%	0.10%	1.26%	-18.17%
IXC	S&P Global Energy	Energy Equities	1	1.70%	-1.96%	4.93%	0.88%	-1.03%	-21.10%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	1.00%	1.16%	1.64%	0.16%	1.64%	-0.21%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	0.85%	1.79%	1.10%	-0.48%	3.48%	-0.53%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	1.39%	0.91%	0.96%	0.28%	0.33%	-1.91%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	1	-0.24%	1.06%	2.97%	-1.06%	2.62%	-1.53%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	1	3.36%	-1.74%	0.24%	1.43%	-1.30%	-12.89%
EWA	iShares Australia Index	Asia Pacific Equities	1	1.25%	-0.44%	3.93%	0.89%	2.30%	-5.68%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	0.48%	1.31%	0.97%	0.52%	1.49%	-0.81%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	1.47%	1.01%	0.86%	0.30%	0.07%	-4.02%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	1	0.50%	0.87%	1.76%	0.45%	3.27%	0.00%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1	0.38%	1.87%	1.12%	0.23%	2.91%	-0.67%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	1.17%	0.78%	0.80%	0.22%	0.24%	-3.16%
FXE	CurrencyShares Euro Currency Trust	Currency	1	0.52%	0.94%	1.24%	-0.42%	-0.10%	-12.14%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	1	2.20%	-3.49%	5.78%	-2.07%	-6.69%	-39.10%
BSJL	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	0.00%	0.31%	0.43%	0.10%	0.17%	-0.82%
VPU	Vanguard Utilities VIPERS	Utilities Equities	0	0.74%	2.60%	-0.80%	-1.13%	3.39%	-2.37%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	0.66%	1.23%	0.14%	-0.07%	0.94%	-2.80%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	0	-0.62%	-1.08%	1.89%	0.23%	0.91%	-4.60%
BLV	Vanguard Long Term Bond	Long-Term Bond	0	-0.72%	1.63%	-1.07%	0.55%	2.57%	-4.39%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	-0.13%	0.60%	-0.51%	0.17%	0.97%	-1.40%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	0	0.28%	0.89%	0.30%	0.49%	1.11%	-1.42%

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TBF	ProShares Short 20+Year Treasury	Inverse Bonds	0	0.99%	-1.77%	2.86%	-1.17%	-3.04%	-20.65%
ITB	iShares DJ US Home Construction	Building and Constructi	0	-2.98%	1.42%	2.62%	-0.23%	8.12%	-4.19%
CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	0.35%	0.59%	-0.35%	0.14%	0.38%	-2.37%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	0.02%	0.36%	-0.34%	0.20%	0.62%	-0.95%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	-0.11%	0.51%	-0.45%	0.22%	0.92%	-1.44%
BSV	Vanguard Short Term Bond	Total Bond Market	0	0.05%	0.24%	-0.30%	0.09%	0.36%	-0.60%
IDU	Dow Jones US Utilities	Utilities Equities	0	0.74%	2.65%	-0.78%	-1.11%	3.35%	-2.01%
FXY	CurrencyShares Japanese Yen Trust	Currency	0	0.18%	0.59%	-0.67%	0.08%	-0.19%	-9.49%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	0	1.05%	-0.21%	-0.07%	-0.75%	0.33%	-3.34%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	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%
XLU	Utilities Select Sector	Utilities Equities	0	0.65%	2.90%	-0.55%	-1.12%	3.88%	-1.72%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.02%	0.02%	0.06%	0.00%	0.05%	-0.25%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	0.19%	1.05%	0.34%	0.12%	1.82%	-0.69%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	0.10%	0.25%	-0.07%	-0.01%	0.57%	-0.33%
PZA	Pshares Insured National Munis	National Munis	0	0.11%	0.80%	-0.71%	0.19%	0.81%	-1.27%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	0.00%	0.72%	-0.37%	0.23%	1.02%	-1.27%
MUB	iShares S&P National Muni Bond	National Munis	0	0.05%	0.72%	-0.32%	0.07%	0.58%	-1.16%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	-0.69%	0.98%	-1.58%	0.41%	0.53%	-3.90%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.00%	0.08%	-0.24%	-0.02%	0.07%	-0.94%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-0.25%	0.24%	-1.13%	0.18%	0.31%	-2.05%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	-0.14%	0.55%	-0.73%	0.22%	1.03%	-1.73%
ECH	iShares Chile Index	Latin America	0	4.76%	1.37%	-10.00%	2.28%	-10.16%	-39.29%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.02%	0.09%	-0.21%	0.06%	0.11%	-0.79%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-0.15%	0.32%	-0.84%	0.17%	0.40%	-1.60%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-0.20%	0.40%	-0.41%	0.19%	0.53%	-1.38%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	-0.38%	0.35%	-1.29%	0.31%	0.51%	-2.40%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	0.00%	-0.08%	0.02%	-0.02%	-0.17%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-0.18%	0.24%	-0.27%	0.08%	0.41%	-0.53%
EZA	iShares South Africa Index	Emerging Markets Equi	0	0.69%	-4.72%	1.19%	0.92%	-4.46%	-34.88%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	-0.26%	0.21%	-1.12%	0.12%	0.31%	-2.06%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.00%	0.12%	-0.23%	0.03%	0.10%	-0.99%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	-0.52%	0.31%	-1.72%	0.40%	0.55%	-3.08%
IYR	Dow Jones US Real Estate	Real Estate	-1	-0.83%	0.79%	-1.37%	-0.91%	1.61%	-3.47%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-1	-2.93%	1.39%	-4.97%	1.71%	2.16%	-10.70%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-1	-0.09%	-4.41%	1.66%	-0.17%	-0.95%	-15.18%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-1	-1.57%	-2.70%	0.59%	0.78%	0.68%	-8.74%
VNQ	Vanguard REIT Index	Real Estate	-1	-1.06%	0.43%	-1.47%	-0.91%	1.39%	-3.73%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	-1	-1.56%	0.99%	-3.68%	1.01%	1.22%	-7.22%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-1	-1.90%	-1.63%	-1.42%	-0.54%	0.34%	-4.12%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-1	-0.60%	2.20%	-2.18%	-1.94%	3.88%	-38.57%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1	-1.52%	1.13%	-3.65%	1.08%	1.34%	-7.30%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	-1.12%	0.43%	-2.98%	0.69%	0.43%	-5.39%

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ICF	Cohen & Steers Realty	Real Estate	-2	-1.49%	0.07%	-3.82%	-0.99%	-0.35%	-5.46%
BNDX	Vanguard Total International Bond	Total Bond Market	-2	-2.02%	-1.87%	-3.09%	0.27%	-1.43%	-4.20%
UUP	PowerShares DB US Dollar Bullish	Currency	-2	-2.32%	-2.91%	-3.19%	0.31%	-1.63%	-3.84%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-2	-3.64%	0.12%	-6.03%	1.30%	0.43%	-11.22%
SCHH	Schwab U.S. REIT	Real Estate	-3	-3.17%	-2.39%	-3.72%	-1.24%	-1.05%	-5.96%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-3	-4.12%	-4.54%	-2.34%	0.26%	-1.31%	-9.84%
RWR	Wilshire REIT Fund	Real Estate	-3	-3.10%	-2.42%	-3.68%	-1.26%	-1.26%	-5.93%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-4	-3.73%	-2.31%	-7.76%	-1.07%	-1.60%	-8.97%
DOG	ProShares Short Dow 30	Bear Market	-5	-4.34%	-4.45%	-8.52%	-1.38%	-7.98%	-45.53%
RWM	ProShares Short Russell2000	Inverse Equities	-5	-3.53%	-4.77%	-11.27%	0.24%	-7.60%	-41.51%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-4.26%	-3.65%	-9.25%	-1.19%	-7.75%	-32.67%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	-4.69%	-5.67%	-10.09%	-1.08%	-9.41%	-42.91%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-6.54%	-7.54%	-12.87%	-1.75%	-12.26%	-56.54%
HDGE	Ranger Equity Bear	Inverse Equities	-10	-7.44%	-10.54%	-21.67%	-0.19%	-16.63%	-52.36%
UNG	U.S. Natural Gas Fund	Oil & Gas	-13	-11.07%	-25.31%	-12.76%	-2.49%	-19.22%	-81.35%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-14	-19.59%	-20.58%	-15.43%	1.21%	-17.98%	-61.91%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	-20	3.45%	4.03%	-89.78%	0.55%	-86.74%	-90.19%