

HV ETF Master List as of 07/02/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IGV	iShares North American Tech-Software	Technology Equities	20	9.41%	14.84%	31.83%	24.49%	22.56%	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	20	10.59%	15.03%	35.31%	18.77%	23.80%	-1.12%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	19	8.50%	13.20%	37.81%	15.52%	25.38%	-4.97%
IYW	Dow Jones US Technology	Technology Equities	16	6.80%	13.66%	26.03%	17.09%	18.13%	0.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	16	7.30%	13.69%	25.56%	18.77%	18.99%	0.00%
VGT	Vanguard Info Technology	Technolgy Equities	15	6.38%	13.39%	24.91%	14.83%	16.79%	0.00%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	15	9.24%	3.25%	24.94%	22.99%	24.60%	-2.79%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	15	10.94%	1.84%	22.88%	23.54%	24.64%	-3.31%
BBH	VanEck Vectors Biotech	Health & Biotech	14	5.28%	9.84%	22.65%	19.01%	18.66%	0.00%
XLK	Technology Select *	Technology Equities	14	6.54%	12.70%	23.56%	14.97%	16.49%	0.00%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	14	2.51%	16.32%	28.29%	7.47%	12.70%	-1.81%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	14	5.84%	14.85%	23.15%	11.20%	13.40%	0.00%
SIL	Global X Silver Miners	Commodity Producers	14	4.41%	9.43%	31.14%	9.06%	19.50%	-32.41%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	14	5.75%	12.54%	22.79%	14.37%	15.53%	0.00%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	13	4.54%	9.52%	22.75%	14.78%	16.96%	-0.73%
SMH	VanEch Vectors Semiconductor	Technology Equities	13	2.80%	15.09%	23.81%	8.43%	14.15%	0.00%
VUG	Vanguard Growth	Large Cap Growth	13	5.05%	12.30%	22.37%	12.80%	14.52%	0.00%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	13	5.40%	8.94%	21.56%	15.15%	17.24%	-59.35%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	12	1.87%	15.61%	24.39%	7.88%	14.24%	-0.79%
IWF	Russell 1000 Growth	Large Growth	12	4.98%	12.13%	21.48%	11.30%	13.71%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	12	4.57%	11.75%	21.52%	11.29%	13.56%	0.00%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	12	0.04%	32.65%	24.89%	-10.47%	2.96%	-49.78%
IWW	S&P 500/BARRA Growth	Large Growth	11	4.04%	11.05%	19.18%	8.93%	11.50%	0.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	11	4.06%	11.08%	19.35%	9.07%	11.66%	0.00%
MCHI	iShares MSCI China	China Equities	11	7.28%	14.44%	16.87%	6.48%	11.90%	-11.05%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	11	10.98%	12.58%	16.63%	5.17%	11.19%	-10.65%
XRT	SPDR S&P Retail *	Consumer Discretionar	11	0.28%	18.92%	29.48%	-5.89%	6.41%	-17.26%
SPYG	S&P 500 Growth	Large Cap Growth	11	3.99%	10.98%	19.22%	8.91%	11.51%	-0.09%
ITB	iShares DJ US Home Construction	Building and Constructi	11	-2.12%	17.52%	29.41%	-2.41%	3.31%	-14.01%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	11	6.92%	11.24%	20.11%	6.73%	9.60%	-2.39%
IWP	Russell MidCap Growth	Mid-Cap Growth	10	1.90%	12.09%	22.21%	5.40%	10.14%	-1.47%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10	3.68%	10.96%	19.10%	7.91%	10.90%	-0.64%
VBK	Vanguard SmallCap Growth	Small Cap Growth	10	1.87%	13.01%	24.29%	1.32%	8.62%	-4.16%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	10	6.76%	12.00%	20.72%	0.66%	8.34%	-1.08%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	10	1.04%	12.60%	21.40%	3.34%	8.66%	-2.81%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10	1.74%	11.95%	21.17%	5.54%	10.03%	-1.85%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	10	-1.23%	18.98%	28.52%	-4.74%	3.46%	-11.76%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	10	3.39%	10.23%	19.66%	6.31%	9.54%	-2.81%
EWN	iShares Netherlands Index	Europe Stock	9	1.65%	17.15%	20.43%	-1.54%	6.87%	-4.24%
IWO	Russell 2000 Growth	Small Growth	9	1.53%	13.65%	22.23%	-3.12%	5.91%	-7.72%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	9	6.56%	16.24%	25.92%	-12.67%	-0.55%	-19.50%

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SLV	iShares Silver Trust	Precious Metals	9	1.03%	17.18%	16.53%	0.12%	6.18%	-14.74%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	9	1.91%	11.28%	20.15%	3.34%	8.51%	-3.80%
PIN	PowerShares India Portfolio	Emerging Markets Equi	8	6.01%	16.55%	21.47%	-10.32%	-8.31%	-66.24%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	8	2.15%	5.51%	15.76%	8.36%	10.93%	-0.37%
FV	First Trust VL Dividend	Large Cap Value Equiti	8	0.77%	8.80%	17.45%	3.45%	7.79%	-3.89%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	8	4.59%	15.71%	17.92%	-7.74%	2.28%	-18.69%
EWG	iShares Germany Index	Europe Stock	8	-1.22%	19.20%	19.66%	-5.84%	3.70%	-22.66%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	8	5.25%	13.11%	16.89%	-2.33%	5.68%	-14.12%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	7	6.38%	17.06%	19.90%	-16.57%	-4.18%	-18.47%
IAU	iShares Gold Trust	Precious Metals	7	3.48%	3.29%	5.41%	16.80%	11.55%	-0.18%
EDV	Vanguard Extended Duration Treasury	Government Bonds	7	5.16%	-2.25%	-1.94%	27.15%	9.63%	-7.41%
INDA	iShares MSCI India	Emerging Markets Equi	7	6.41%	16.00%	19.29%	-13.55%	-2.37%	-20.20%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	7	3.59%	14.38%	17.21%	-8.28%	1.72%	-21.34%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	7	3.74%	14.63%	17.00%	-7.74%	2.15%	-20.58%
VOX	Vanguard Telecom Serv's	Communication Equitie	7	0.11%	7.82%	17.92%	1.09%	5.69%	-8.85%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	-0.05%	13.77%	20.86%	-5.68%	3.54%	-10.33%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	7	3.53%	20.68%	17.54%	-13.14%	-2.59%	-50.21%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	7	4.40%	15.10%	18.01%	-7.60%	2.52%	-19.40%
EWA	iShares Australia Index	Asia Pacific Equities	7	0.25%	18.88%	19.24%	-12.02%	-1.93%	-17.75%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	7	5.72%	-2.82%	-2.22%	29.25%	10.42%	-9.37%
EWD	iShares Sweden Index	Europe Stock	7	-2.05%	16.81%	18.56%	-3.75%	4.58%	-13.75%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	7	1.60%	14.33%	19.31%	-6.16%	3.88%	-26.13%
GLD	SPDR Gold Shares	Precious Metals	7	3.53%	3.46%	5.22%	16.75%	11.51%	-0.23%
TLT	iShares 20+ Treas. Bd	Government Bonds	6	4.05%	-1.53%	-1.09%	20.69%	8.14%	-4.50%
FEZ	SPDR Euro Stoxx 50	Europe Stock	6	0.19%	19.40%	17.12%	-10.93%	0.16%	-18.14%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	6	0.75%	11.22%	13.63%	-2.19%	4.19%	-4.85%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	6	-0.69%	14.89%	16.61%	-5.37%	2.28%	-9.96%
VV	Vanguard LargeCap	Large Cap Blend	5	0.59%	8.96%	13.11%	-1.91%	3.98%	-7.28%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	-1.78%	10.29%	15.80%	-5.73%	2.65%	-9.13%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	5	0.85%	12.33%	17.89%	-11.59%	-0.68%	-22.91%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5	4.00%	8.41%	2.20%	5.83%	5.46%	-2.12%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	0.50%	9.09%	13.21%	-2.32%	3.77%	-7.54%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	5	1.36%	10.52%	10.95%	-2.88%	2.94%	-7.52%
IWV	Russell 3000 Index	All Cap Equities	5	0.34%	9.36%	13.45%	-3.37%	3.29%	-8.18%
VTI	Total Stock Market VIPERs	All Cap Equities	5	0.14%	9.20%	13.43%	-3.30%	3.23%	-8.19%
EWI	iShares Italy Index	Europe Stock	5	-0.20%	21.02%	14.33%	-16.28%	-4.97%	-28.63%
BLV	Vanguard Long Term Bond	Long-Term Bond	5	3.86%	3.69%	1.84%	11.63%	6.48%	-2.19%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	0.27%	9.33%	13.46%	-3.42%	3.22%	-8.26%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	5	1.87%	5.29%	11.39%	1.28%	6.80%	-11.63%
ACWI	iShares MSCI ACWI	Global Equities	5	0.29%	10.02%	13.15%	-5.28%	1.96%	-8.28%
VT	Vanguard Total World Stock Index	Global Equities	5	0.45%	10.58%	13.61%	-6.04%	1.78%	-8.64%
SPY	SPDR S&P 500	Large Cap Blend	5	0.28%	8.53%	12.23%	-2.86%	3.29%	-7.72%
EZU	European Monetary Union Index	Europe Stock	5	-1.07%	16.91%	15.85%	-11.04%	-0.52%	-21.18%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	5	-4.88%	18.92%	22.37%	-17.26%	-3.61%	-18.20%

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TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	5	2.73%	-1.00%	0.49%	16.23%	6.99%	-2.60%
IWB	Russell 1000 Index	Large Blend	5	0.50%	9.33%	13.59%	-2.51%	3.80%	-7.61%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	0.54%	8.53%	12.20%	-2.07%	3.60%	-7.42%
IVV	S&P 500	Large Blend	5	0.36%	8.60%	12.30%	-2.90%	3.27%	-7.78%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	0.67%	9.80%	14.07%	-2.97%	3.68%	-7.81%
IYC	iShares US Consumer Services	Consumer Discretionar	5	-1.47%	9.21%	16.05%	-3.00%	3.24%	-7.28%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	2.00%	1.98%	9.11%	1.68%	5.46%	-3.21%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	0.02%	11.50%	12.82%	-9.98%	-1.02%	-17.94%
BAB	PowerShares Build America Bond Portfolio	National Munis	4	3.58%	3.71%	4.37%	4.07%	3.07%	-4.88%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	4	0.20%	8.56%	10.97%	-1.96%	3.54%	-5.71%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	-0.28%	12.99%	13.12%	-10.39%	-2.22%	-14.37%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	4	1.99%	8.49%	8.26%	-4.22%	0.52%	-6.99%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	4	-0.46%	15.47%	19.77%	-17.57%	-5.18%	-29.96%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	0.07%	11.48%	13.39%	-10.11%	-0.84%	-18.19%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	2.64%	6.11%	2.44%	5.56%	5.17%	0.00%
EWQ	iShares France Index	Europe Stock	4	-1.00%	16.10%	14.15%	-14.50%	-2.84%	-17.46%
IYM	Dow Jones US Basic Mat's	Materials	4	-1.74%	11.84%	13.65%	-7.10%	3.42%	-15.99%
IYH	Dow Jones US Healthcare	Specialty-Health	4	0.60%	3.20%	9.04%	1.65%	5.97%	-1.62%
FXI	iShares China 25 Index	China Equities	4	2.19%	8.53%	9.48%	-4.95%	2.46%	-23.22%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	-2.21%	10.76%	14.34%	-8.27%	0.59%	-11.30%
EWL	iShares Switzerland Index	Europe Stock	4	0.33%	7.69%	8.88%	-2.45%	2.89%	-6.53%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	4	0.77%	12.95%	13.35%	-11.55%	-2.50%	-18.84%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	4	0.18%	8.49%	12.18%	-2.88%	3.24%	-7.75%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4	-0.31%	6.84%	10.96%	-2.08%	3.60%	-5.57%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	4	-2.48%	13.01%	20.20%	-16.57%	-4.56%	-28.35%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	4	0.64%	12.32%	13.80%	-9.48%	-0.25%	-17.51%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4	-1.52%	10.20%	13.71%	-7.29%	0.77%	-11.41%
VHT	Vanguard Health Care	Health & Biotech Equiti	4	1.06%	4.01%	10.08%	2.20%	6.59%	-1.26%
VXUS	Vanguard Total International Stock	Global Equities	4	0.58%	12.32%	14.24%	-9.72%	-0.35%	-18.02%
XLB	Materials Select Sector *	Materials	4	-1.39%	12.25%	11.88%	-6.23%	3.41%	-10.24%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	4	1.76%	4.97%	4.99%	4.30%	4.25%	-0.09%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	-0.40%	10.47%	13.17%	-7.30%	0.15%	-17.30%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	3	2.22%	1.69%	1.91%	6.39%	4.21%	0.00%
RSX	Market Vectors Russia	Emerging Markets Equi	3	0.95%	12.16%	12.99%	-14.88%	-4.30%	-20.14%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	3	1.41%	0.00%	0.39%	8.26%	3.95%	-0.78%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	-0.71%	11.27%	13.02%	-10.54%	-1.28%	-17.90%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	3	-1.96%	10.32%	13.57%	-9.46%	-0.57%	-75.91%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	3	0.00%	11.71%	12.76%	-12.48%	-2.90%	-14.64%
VGK	Vanguard European	Europe Equities	3	-1.18%	12.70%	12.85%	-12.26%	-1.81%	-19.37%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	3	1.12%	-0.17%	0.63%	10.36%	4.88%	-0.56%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	3	-1.49%	10.71%	12.04%	-10.77%	-1.81%	-18.03%
IYJ	Dow Jones US Industrial	Industrial Equities	3	-2.24%	11.50%	13.36%	-9.41%	-1.20%	-13.03%
VAW	Vanguard Materials VIPERS	Materials	3	-2.28%	12.15%	12.34%	-8.57%	2.02%	-15.16%
IEV	S&P Europe 350 Index	Europe Stock	3	-1.39%	11.96%	11.83%	-12.06%	-2.00%	-18.93%

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IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	3	-0.72%	5.66%	10.00%	-2.46%	4.44%	-7.45%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	-2.48%	12.00%	13.41%	-12.60%	-1.88%	-19.06%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	3	2.15%	1.63%	1.56%	5.91%	3.93%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	0.00%	3.28%	8.02%	1.44%	5.16%	-43.43%
IWM	Russell 2000	Small Blend	3	-1.51%	11.74%	15.10%	-14.27%	-2.66%	-17.70%
VB	Vanguard SmallCap	Small Cap Blend	3	-2.07%	11.42%	16.01%	-12.08%	-1.55%	-14.42%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-1.35%	10.63%	15.51%	-13.62%	-2.46%	-23.63%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	3	-1.06%	7.22%	10.96%	-3.83%	2.51%	-7.65%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	3	-2.04%	12.35%	16.33%	-13.95%	-2.40%	-16.59%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	3	1.34%	2.33%	2.88%	6.87%	4.40%	0.00%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	3	1.72%	7.61%	8.12%	-3.95%	0.34%	-6.15%
EWM	iShares Malaysia Index	Emerging Markets Equi	3	-3.08%	12.20%	13.13%	-8.29%	0.10%	-28.41%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	3	2.97%	9.08%	9.12%	-8.50%	-1.95%	-12.67%
EZA	iShares South Africa Index	Emerging Markets Equi	3	-0.24%	15.67%	20.45%	-25.17%	-11.66%	-51.71%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3	0.33%	4.10%	12.80%	-5.41%	4.67%	-13.59%
SCHF	Schwab International Equity	Foreign Large Cap Equ	3	-0.95%	11.13%	12.25%	-10.08%	-1.53%	-17.06%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	1.16%	1.22%	0.80%	5.13%	3.12%	-0.02%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	0.51%	-0.01%	0.44%	6.20%	3.15%	-0.13%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	1.14%	1.31%	0.98%	5.38%	3.26%	0.00%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	2	1.77%	2.10%	2.44%	3.25%	2.28%	-1.58%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	2	0.98%	3.00%	3.78%	0.10%	1.42%	-3.38%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	2	-1.39%	8.55%	9.21%	-9.23%	-2.13%	-11.97%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	2	0.03%	2.73%	7.14%	-0.10%	4.19%	-2.99%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	2	-1.03%	8.05%	9.41%	-10.35%	-2.63%	-13.45%
FLT	Fidelity Limited Term Bond	Corporate Bonds	2	0.81%	2.10%	3.64%	2.97%	2.56%	0.00%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	-1.55%	10.52%	11.16%	-10.80%	-2.01%	-17.91%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2	0.73%	2.15%	1.90%	1.95%	2.08%	-0.05%
EWC	iShares Canada Index	Foreign Large Cap Equ	2	-0.95%	7.91%	12.58%	-12.70%	-3.69%	-15.37%
EWJ	iShares Japan Index	Japan Stock	2	-1.92%	7.21%	9.51%	-6.79%	-0.94%	-14.69%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	2	-1.39%	8.54%	9.40%	-9.34%	-2.95%	-12.17%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	0.67%	1.26%	1.39%	4.55%	2.87%	0.00%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	2	0.63%	-0.06%	0.44%	6.90%	3.40%	-0.17%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	-0.83%	5.99%	9.66%	-6.59%	0.89%	-9.12%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	2	-1.86%	8.17%	8.97%	-9.20%	-1.64%	-12.61%
PZA	Pshares Insured National Munis	National Munis	2	0.72%	3.19%	2.31%	0.42%	0.93%	-3.49%
MUB	iShares S&P National Muni Bond	National Munis	2	0.79%	2.52%	2.07%	1.34%	1.42%	-1.83%
MOO	VanEck Vectors Agribusiness	Commodity Producers	2	-1.46%	12.22%	10.46%	-11.56%	-1.63%	-12.47%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	1.08%	1.26%	1.06%	5.13%	3.14%	-0.14%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-2.73%	10.67%	14.65%	-12.81%	-2.35%	-21.72%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	2	0.50%	-0.22%	0.29%	6.79%	3.28%	-0.32%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	2	-2.87%	10.22%	14.18%	-12.46%	-2.47%	-15.26%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.03%	-0.14%	-0.07%	2.29%	1.14%	-0.28%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	1	-3.46%	8.18%	8.37%	-7.74%	-1.79%	-13.63%
MDY	MidCap Trust Series I	Mid-Cap Blend	1	-4.10%	9.73%	12.09%	-13.98%	-3.34%	-15.65%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXE	CurrencyShares Euro Currency Trust	Currency	1	-0.86%	3.65%	2.57%	-0.24%	1.49%	-11.98%
EWH	iShares Hong Kong Index	China Equities	1	3.13%	5.20%	4.15%	-9.22%	-2.07%	-18.72%
IYT	Dow Jones Transportation	Transportation Equities	1	-3.75%	14.67%	11.01%	-16.27%	-5.70%	-21.50%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	-1.49%	5.00%	5.86%	-5.34%	-0.29%	-9.82%
EWZ	iShares Brazil Index	Latin America Stock	1	-2.87%	31.34%	14.85%	-37.78%	-18.95%	-39.14%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	1	-3.02%	8.81%	7.80%	-10.36%	-2.27%	-11.46%
IJH	S&P MidCap 400	Mid-Cap Blend	1	-4.07%	9.75%	12.29%	-14.03%	-3.38%	-15.72%
EWP	iShares Spain Index	Europe Stock	1	-1.70%	15.52%	9.18%	-19.92%	-8.78%	-36.34%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.44%	1.24%	2.04%	-0.75%	0.37%	-1.06%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	1	-2.20%	11.34%	10.33%	-17.32%	-6.28%	-27.99%
RSP	Guggenheim S&P Equal Weight	Large Blend	1	-4.02%	9.37%	10.85%	-11.55%	-2.41%	-13.88%
BNDX	Vanguard Total International Bond	Total Bond Market	1	1.00%	0.84%	1.89%	1.87%	0.31%	-2.67%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.31%	0.58%	0.62%	3.08%	1.88%	-0.05%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	-1.25%	3.27%	7.18%	-3.46%	2.83%	-8.94%
DBC	PowerShares DB Commodity Index	Commodities	1	3.15%	13.07%	7.79%	-21.93%	-9.32%	-32.79%
ECH	iShares Chile Index	Latin America	1	2.86%	7.31%	13.05%	-18.15%	-7.10%	-51.42%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	0.32%	1.10%	1.27%	0.94%	0.89%	-1.79%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.74%	1.31%	1.37%	1.95%	1.68%	-0.02%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	0	0.11%	8.79%	10.27%	-18.32%	-6.13%	-25.70%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.05%	-0.19%	-0.16%	2.22%	1.09%	-0.29%
XLI	Industrial Select Sector *	Industrial Equities	0	-4.38%	12.02%	9.11%	-15.24%	-6.17%	-19.07%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.27%	0.55%	1.09%	-0.08%	0.24%	-0.32%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.82%	5.07%	2.07%	-5.25%	-1.19%	-5.79%
VIS	Vanguard Industrials	industrials Equities	0	-4.67%	11.87%	9.55%	-15.49%	-6.10%	-18.97%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.02%	-0.21%	-0.21%	2.14%	1.05%	-0.31%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	0	-4.17%	8.13%	8.78%	-12.32%	-4.61%	-24.80%
FXE	CurrencyShares Japanese Yen Trust	Currency	0	1.50%	-1.22%	0.55%	0.73%	0.62%	-8.90%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	-2.74%	10.47%	9.31%	-18.63%	-7.80%	-31.98%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	0	-1.46%	4.20%	2.60%	-6.77%	-1.53%	-8.80%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	0	-1.07%	4.04%	2.20%	-6.65%	-1.90%	-8.85%
XLP	Consumer Staples Select *	Consumer Staples	0	-1.01%	3.76%	1.48%	-6.19%	-2.09%	-8.95%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	0	1.75%	8.81%	5.94%	-17.07%	-6.91%	-28.45%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	0	-5.14%	6.19%	6.89%	-8.95%	-2.82%	-16.62%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	0	-3.45%	7.29%	8.14%	-13.43%	-4.19%	-15.28%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	-0.21%	2.99%	3.67%	-7.13%	-2.33%	-9.08%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	0	-3.25%	12.69%	13.57%	-23.21%	-8.15%	-33.84%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	0	-3.40%	6.34%	6.28%	-10.16%	-2.46%	-12.45%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	0	-0.08%	9.55%	7.67%	-18.10%	-9.00%	-25.84%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	0	-2.77%	8.52%	11.08%	-17.01%	-4.33%	-21.60%
EWK	iShares Belgium Index	Europe Stock	0	-4.29%	11.30%	8.27%	-16.12%	-5.28%	-27.17%
JXI	iShares S&P Global Utilities	Utilities Equities	0	-2.69%	8.15%	0.61%	-6.93%	-2.85%	-14.90%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	0	-1.58%	4.29%	3.25%	-6.75%	-2.13%	-12.33%
ILF	iShares S&P 40 Latin America	Latin America Stock	0	-3.80%	22.50%	13.97%	-34.38%	-17.86%	-43.62%
IJR	S&P Sm.Cap 600	Small Blend	0	-4.50%	11.31%	10.93%	-19.46%	-6.96%	-25.05%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PKW	PowerShares Buyback Achievers	All Cap Equities	-1	-3.96%	8.71%	8.09%	-16.72%	-5.83%	-18.70%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	0.46%	-2.81%	-2.49%	1.15%	-1.64%	-6.44%
VNQ	Vanguard REIT Index	Real Estate	-1	-1.83%	9.37%	1.52%	-13.43%	-6.38%	-19.54%
EWW	iShares Mexico Index	Latin America Stock	-1	-2.97%	10.25%	15.71%	-27.57%	-15.95%	-43.25%
SCHD	Schwab US Dividend Equity	All Cap Equities	-1	-4.74%	4.13%	6.10%	-10.65%	-3.63%	-12.80%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-1	-1.67%	1.94%	2.18%	-7.54%	-3.13%	-13.83%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	-1.15%	0.61%	0.78%	-4.51%	-1.48%	-7.78%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	-1.73%	0.92%	1.64%	-5.20%	-1.77%	-8.08%
ICF	Cohen & Steers Realty	Real Estate	-1	-0.76%	8.07%	-0.31%	-11.19%	-5.51%	-17.81%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-1	-0.94%	5.88%	13.35%	-20.66%	-9.29%	-33.28%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-1	-2.84%	6.56%	9.38%	-15.44%	-5.82%	-32.14%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-1	-4.04%	7.30%	7.46%	-14.13%	-4.89%	-16.12%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-1	-2.74%	7.82%	6.83%	-15.85%	-7.24%	-21.30%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-1	-0.83%	4.65%	0.40%	-6.31%	-2.31%	-10.34%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	-0.55%	3.02%	0.19%	-5.70%	-1.54%	-8.11%
ACWW	iShares Edge MSCI Min Vol Global	Global Equities	-1	-1.36%	3.34%	2.86%	-7.49%	-3.16%	-10.95%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	-1.13%	3.84%	-1.04%	-7.41%	-3.41%	-10.54%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-1	-0.55%	1.81%	2.83%	-8.41%	-3.44%	-10.36%
IYR	Dow Jones US Real Estate	Real Estate	-1	-1.58%	9.53%	1.84%	-13.53%	-6.43%	-19.89%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	-1.76%	4.38%	0.08%	-7.14%	-2.66%	-68.68%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-1.84%	3.96%	-0.28%	-6.61%	-2.41%	-7.69%
GSG	iShares GSCI Commodity Index	Commodities.	-1	4.15%	18.71%	6.69%	-35.08%	-18.79%	-43.75%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-1	-1.09%	4.95%	1.06%	-8.09%	-3.39%	-10.10%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-2	-10.53%	8.28%	30.54%	-38.19%	-16.80%	-64.03%
IWS	Russell MidCap Value	Mid-Cap Value	-2	-5.06%	8.93%	7.15%	-19.15%	-8.13%	-20.87%
FXB	CurrencyShares British Pound	Currency	-2	-1.06%	0.80%	-0.15%	-6.00%	-1.98%	-17.06%
IYZ	Down Jones US Telecom	Commun. Equities	-2	-4.49%	3.31%	1.89%	-8.14%	-3.37%	-24.90%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-2	-3.37%	6.47%	8.21%	-19.68%	-7.04%	-30.23%
DJP	Bloomberg Commodity Index	Commodities	-2	2.60%	6.85%	3.79%	-22.26%	-10.34%	-30.76%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-2	-4.74%	10.62%	8.78%	-23.63%	-11.52%	-28.85%
SDY	SPDR Dividend ETF	Large Value	-2	-4.70%	7.52%	4.52%	-15.34%	-6.35%	-16.27%
VTV	Vanguard Value	Large Cap Value	-3	-4.92%	4.83%	2.71%	-16.43%	-7.38%	-17.63%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-3	-5.03%	4.49%	2.40%	-15.64%	-7.07%	-16.71%
IVE	S&P 500/BARRA Value	Large Value	-3	-4.69%	5.17%	3.27%	-16.32%	-6.96%	-17.54%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-3	-6.30%	9.86%	8.31%	-21.90%	-9.67%	-22.72%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-3	-0.30%	3.25%	-2.65%	-13.68%	-7.41%	-19.01%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-3	-2.60%	9.40%	-0.87%	-17.69%	-11.19%	-24.53%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-3	-3.45%	7.61%	6.53%	-23.42%	-14.46%	-31.13%
IWD	Russell 1000 Value	Large Value	-3	-5.18%	5.61%	3.82%	-17.09%	-7.66%	-18.39%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-3	-6.73%	9.20%	7.93%	-22.98%	-10.30%	-23.78%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-3	-4.66%	5.80%	3.75%	-16.23%	-7.09%	-17.57%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-3	-5.60%	6.86%	5.51%	-19.71%	-8.78%	-21.23%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-3	-3.14%	4.60%	6.82%	-20.80%	-10.60%	-32.17%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-3	-2.42%	7.00%	6.05%	-21.01%	-11.39%	-24.82%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-3	-5.51%	8.00%	5.51%	-19.85%	-9.03%	-21.62%
VBR	Vanguard SmallCap Value	Small Cap Value	-3	-6.11%	9.84%	8.41%	-22.83%	-10.37%	-25.84%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-4	-4.71%	4.38%	1.36%	-18.47%	-9.58%	-19.34%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-4	-4.45%	4.61%	-5.29%	-11.22%	-6.79%	-18.82%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-4	-8.29%	12.01%	5.21%	-26.26%	-16.64%	-31.78%
XLU	Utilities Select Sector *	Utilities Equities	-4	-4.17%	5.18%	-4.82%	-10.27%	-6.15%	-18.43%
IWN	Russell 2000 Value	Small Value	-4	-5.30%	9.39%	6.87%	-25.78%	-12.23%	-30.13%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-4	-3.48%	7.31%	1.42%	-22.46%	-13.23%	-25.51%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-4	-4.91%	9.35%	6.73%	-27.17%	-13.52%	-75.50%
IDU	Dow Jones US Utilities	Utilities Equities	-4	-4.31%	4.91%	-5.30%	-11.28%	-6.80%	-18.92%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-4	-5.96%	8.41%	5.50%	-25.91%	-13.52%	-72.19%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-4	-5.52%	2.56%	3.53%	-16.67%	-7.64%	-17.07%
XME	SPDR S&P Metals & Mining	Commodity Producers	-4	-6.15%	8.80%	11.79%	-29.19%	-11.33%	-46.97%
EWU	iShares United Kingdom Index	Europe Stock	-4	-4.14%	4.94%	4.60%	-23.00%	-10.86%	-30.99%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-4	-6.37%	9.03%	3.74%	-22.39%	-10.66%	-26.22%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-4	-6.82%	10.65%	8.39%	-26.50%	-12.46%	-31.56%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-4	-5.75%	3.63%	-3.99%	-10.08%	-5.88%	-17.59%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-5	-3.20%	18.16%	0.80%	-36.29%	-23.12%	-60.09%
SCHH	Schwab U.S. REIT	Real Estate	-5	-4.72%	6.69%	-2.21%	-21.67%	-13.31%	-26.03%
RWR	Wilshire REIT Fund	Real Estate	-5	-3.92%	7.45%	-1.52%	-21.61%	-13.12%	-25.93%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-5	-1.37%	-1.59%	-1.09%	-17.64%	-9.62%	-40.64%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-5	-7.65%	6.28%	2.69%	-21.57%	-10.34%	-23.84%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-5	-5.86%	6.10%	2.88%	-21.89%	-11.11%	-22.28%
IGE	iShares North American Natural Resources	Commodity Producers	-5	-5.91%	2.82%	12.38%	-28.42%	-14.00%	-43.45%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-5	-6.23%	6.81%	0.91%	-19.94%	-10.04%	-23.23%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-6	-9.96%	2.96%	22.66%	-39.90%	-20.94%	-57.47%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-6	-4.27%	0.85%	-0.13%	-21.19%	-11.38%	-36.73%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-6	-9.29%	9.50%	2.34%	-25.72%	-13.77%	-27.98%
DOG	ProShares Short Dow 30	Bear Market	-6	0.57%	-9.40%	-10.66%	-3.42%	-7.68%	-46.66%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-6	-8.58%	9.09%	5.39%	-31.74%	-17.41%	-33.47%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-6	-0.48%	-11.88%	-13.03%	1.85%	-5.92%	-30.60%
DVY	iShares Select Dividend Index	Large Cap Value	-7	-7.17%	4.75%	-0.89%	-23.81%	-13.51%	-25.03%
KIE	SPDR S&P Insurance	Specialty-Financial	-7	-7.90%	5.72%	-3.11%	-24.39%	-14.66%	-71.42%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-7	-6.83%	5.56%	-0.66%	-24.87%	-13.72%	-25.55%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8	-1.43%	-9.31%	-12.99%	-8.03%	-10.91%	-46.91%
XLF	Financial Select Sector *	Financial Equities	-8	-9.21%	5.27%	-1.75%	-25.23%	-13.73%	-26.31%
VFH	Vanguard Financials	Financials Equities	-8	-9.09%	5.73%	-0.81%	-25.91%	-14.15%	-27.12%
RWM	ProShares Short Russell2000	Inverse Equities	-8	-0.25%	-13.28%	-17.04%	-1.25%	-9.84%	-42.39%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-8	-4.43%	1.97%	-5.08%	-23.09%	-13.83%	-25.27%
VDE	Vanguard Energy VIPERS	Energy Equities	-9	-10.50%	1.47%	11.29%	-38.94%	-22.19%	-54.37%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-9	-10.09%	1.44%	11.00%	-38.30%	-22.74%	-54.46%
XLE	Energy Select Sector *	Energy Equities	-9	-10.54%	0.67%	10.12%	-37.71%	-22.58%	-52.68%
IXC	S&P Global Energy	Energy Equities	-10	-9.75%	1.56%	4.44%	-36.64%	-22.41%	-50.44%
KBE	SPDR S&P Bank	Specialty-Financial	-11	-12.63%	5.24%	-1.56%	-36.00%	-21.56%	-41.55%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-12	-13.63%	4.60%	-3.57%	-36.01%	-21.33%	-38.00%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-12	-8.24%	1.27%	-1.06%	-39.95%	-24.07%	-62.66%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-12	-13.06%	5.17%	-2.06%	-37.27%	-22.38%	-44.31%
HDGE	Ranger Equity Bear	Inverse Equities	-12	3.84%	-16.89%	-24.73%	-9.14%	-16.20%	-56.63%
PSQ	ProShares Short QQQ	Inverse Equities	-17	-7.44%	-12.97%	-21.93%	-24.19%	-22.28%	-66.47%
UNG	U.S. Natural Gas Fund	Oil & Gas	-24	-10.48%	-23.40%	-23.23%	-40.32%	-33.74%	-88.59%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	-25	0.00%	0.00%	0.00%	-100.00%	0.00%	-100.00%