## HV ETF Master List as of 04/30/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	6Μ/A	DD%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	18	30.51%	9.88%	17.51%	12.93%	20.25%	-5.12%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas ldx Exchg-Tr	Government Bonds	16	-0.57%	7.25%	23.87%	34.01%	19.70%	-6.03%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	15	28.83%	8.18%	13.59%	9.69%	16.51%	-5.20%
EDV	Vanguard Extended Duration Treasury	Government Bonds	15	0.00%	6.93%	22.24%	31.47%	17.85%	-4.26%
TLT	iShares 20+ Treas. Bd	Government Bonds	11	-0.81%	5.19%	16.89%	23.01%	13.91%	-2.66%
BBH	VanEck Vectors Biotech	Health & Biotech	9	14.69%	8.10%	5.09%	6.45%	12.40%	-2.09%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	8	-0.81%	3.76%	12.56%	17.01%	10.56%	-1.95%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	6	15.13%	3.71%	1.25%	3.07%	10.95%	-63.62%
IAU	iShares Gold Trust	Precious Metals	6	4.47%	0.75%	7.62%	10.95%	9.51%	-2.78%
SIL	Global X Silver Miners	Commodity Producers	6	26.39%	4.03%	-0.80%	-6.68%	6.40%	-42.17%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	6	-8.83%	3.81%	14.88%	14.27%	5.33%	-22.14%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	6	32.98%	-1.34%	-1.44%	-5.10%	6.35%	-21.93%
GLD	SPDR Gold Shares	Precious Metals	6	4.54%	0.83%	7.73%	11.03%	9.56%	-2.78%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	5	15.71%	2.82%	0.09%	1.92%	9.32%	-4.84%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	5	22.99%	0.85%	-2.87%	-1.75%	8.31%	-7.67%
IGV	iShares North American Tech-Software	Technology Equities	5	19.69%	1.65%	-6.35%	3.46%	6.79%	-9.67%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	5	-0.15%	2.08%	7.94%	10.32%	6.74%	-0.60%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	5	17.69%	3.46%	-4.90%	3.09%	8.44%	-7.63%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	4	-0.14%	2.00%	6.49%	8.30%	5.46%	-0.74%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	4	16.60%	1.93%	-2.55%	0.24%	6.38%	-5.77%
BLV	Vanguard Long Term Bond	Long-Term Bond	4	4.11%	-1.10%	5.27%	9.33%	5.93%	-4.21%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	4	0.10%	1.57%	5.57%	6.90%	4.69%	-0.22%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	3	2.63%	0.27%	3.05%	4.42%	3.32%	-0.55%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3	-0.01%	1.56%	5.51%	6.78%	4.59%	-0.28%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	3	0.11%	1.44%	4.92%	6.04%	4.19%	-0.13%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	3	28.10%	0.00%	-10.27%	-6.48%	-0.77%	-13.32%
VHT	Vanguard Health Care	Health & Biotech Equiti	3	14.91%	2.26%	-3.81%	-1.57%	5.41%	-4.47%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	3	16.55%	3.50%	-5.93%	-2.43%	2.55%	-7.11%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3	13.89%	2.11%	-3.97%	-1.94%	4.55%	-4.77%
IYW	Dow Jones US Technology	Technology Equities	3	18.11%	1.85%	-8.21%	0.81%	6.91%	-10.20%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	3	18.26%	1.27%	-7.11%	0.49%	5.28%	-9.85%
IYH	Dow Jones US Healthcare	Specialty-Health	3	14.38%	2.45%	-3.48%	-1.50%	5.38%	-4.28%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	2	18.16%	-0.11%	-8.15%	-1.57%	3.73%	-10.74%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2	14.14%	3.60%	-5.85%	-3.45%	4.31%	-15.75%
VUG	Vanguard Growth	Large Cap Growth	2	18.37%	0.25%	-7.92%	-0.91%	3.95%	-10.56%
IWF	Russell 1000 Growth	Large Growth	2	17.65%	0.54%	-7.87%	-1.67%	3.57%	-10.15%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	2	1.59%	0.12%	2.47%	3.44%	2.55%	-0.32%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	2	1.01%	-0.15%	2.95%	4.35%	3.22%	-0.81%
XLK	Technology Select *	Technology Equities	2	16.70%	0.64%	-9.14%	-0.16%	5.99%	-11.07%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	1.91%	0.09%	2.82%	4.16%	3.04%	-0.64%
VGT	Vanguard Info Technology	Technolgy Equities	2	17.57%	0.44%	-9.53%	-1.08%	5.18%	-11.42%

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SPYG	S&P 500 Growth	Large Cap Growth	2	16.99%	0.05%	-8.55%	-2.44%	2.15%	-10.50%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	2	20.26%	-1.80%	-6.51%	-5.32%	4.28%	-10.16%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	2	12.38%	2.14%	-4.02%	-1.21%	5.12%	-44.90%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	1.76%	0.17%	3.03%	4.39%	3.20%	-0.51%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	2	16.90%	0.15%	-8.44%	-2.31%	2.29%	-10.39%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	0.86%	-0.35%	2.80%	4.10%	3.19%	-1.00%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	2.46%	-0.67%	3.02%	4.65%	3.32%	-1.02%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	2	23.98%	0.14%	-9.52%	-6.97%	-1.68%	-11.88%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	14.17%	0.95%	-7.30%	-4.70%	3.36%	-10.12%
SMH	VanEch Vectors Semiconductor	Technology Equities	1	16.97%	-0.55%	-8.97%	-5.45%	4.16%	-12.16%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-1.29%	2.37%	0.71%	3.12%	0.21%	-4.63%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.12%	0.70%	2.25%	2.42%	1.79%	-0.04%
FXY	CurrencyShares Japanese Yen Trust	Currency	1	0.58%	-1.31%	2.29%	0.99%	0.62%	-8.67%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	1	17.17%	-0.34%	-9.05%	-3.32%	1.37%	-10.97%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.05%	0.66%	2.22%	2.42%	1.76%	-0.10%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.87%	0.34%	2.12%	2.58%	1.98%	-0.06%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1	6.11%	-3.13%	-0.78%	0.96%	1.30%	-3.80%
IVW	S&P 500/BARRA Growth	Large Growth	1	16.86%	0.05%	-8.54%	-2.47%	2.02%	-10.45%
RWM	ProShares Short Russell2000	Inverse Equities	1	-19.27%	-0.44%	12.23%	11.65%	0.76%	-34.86%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	2.86%	-2.02%	0.25%	1.55%	0.89%	-3.21%
HDGE	Ranger Equity Bear	Inverse Equities	1	-18.92%	0.52%	12.98%	8.77%	-5.42%	-48.09%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.18%	0.81%	2.32%	2.58%	1.91%	0.00%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	0	17.66%	-0.43%	-9.41%	-6.32%	3.61%	-12.53%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	0	7.21%	-5.07%	-2.06%	0.83%	0.97%	-6.74%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	3.18%	-1.53%	-0.42%	0.05%	0.42%	-1.53%
FV	First Trust VL Dividend	Large Cap Value Equiti	0	18.25%	-1.56%	-10.27%	-6.15%	-1.11%	-12.81%
BNDX	Vanguard Total International Bond	Total Bond Market	0	1.81%	-1.53%	-0.16%	1.24%	-0.85%	-3.28%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	5.64%	-3.60%	-1.41%	0.01%	0.42%	-3.66%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	2.79%	-1.65%	-0.18%	0.57%	0.53%	-1.65%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	0	11.26%	-3.00%	-5.19%	-4.14%	-2.06%	-7.42%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	0	17.32%	-4.67%	-9.06%	-3.99%	-0.42%	-11.84%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	0.39%	-1.02%	0.14%	0.30%	0.21%	-1.02%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	0	19.64%	-1.11%	-11.53%	-8.04%	5.24%	-15.99%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-1	15.00%	-3.55%	-10.55%	-5.74%	-1.83%	-13.82%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	0.91%	-2.57%	-0.39%	-2.60%	-1.05%	-14.05%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	-1	0.73%	-1.08%	-1.01%	-0.92%	-0.71%	-1.15%
IYC	iShares US Consumer Services	Consumer Discretionar	-1	19.71%	-2.12%	-12.11%	-10.25%	-4.94%	-14.21%
FLOT	iShares Floating Rate Bond	Corporate Bonds	-1	2.33%	-1.69%	-2.06%	-1.83%	-1.02%	-2.13%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	12.78%	-3.92%	-6.33%	-5.27%	-2.98%	-8.14%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-1	20.51%	-3.68%	-12.00%	-7.84%	-2.28%	-14.20%
DOG	ProShares Short Dow 30	Bear Market	-1	-13.32%	-2.58%	8.19%	4.84%	-1.38%	-42.10%
VOT				40.000/	0.050/	11 500/	7 470/	-2.28%	-13.95%
	Vanguard Mid-Cap Growth	Mid-Cap Growth	-1	19.89%	-3.95%	-11.58%	-7.47%	-2.20%	-13.33 /0
VOX	Vanguard Mid-Cap Growth Vanguard Telecom Serv's	Mid-Cap Growth  Communication Equitie	-1 -1	19.89%		-11.56%	-7.47% -7.18%	-1.94%	-16.31%

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BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-1	2.47%	-4.25%	-1.26%	-2.15%	-1.32%	-5.56%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1	1.98%	-2.85%	-0.93%	-0.37%	-0.45%	-3.06%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-2	22.39%	-5.56%	-14.56%	-12.01%	-5.20%	-16.77%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-2	14.39%	-5.97%	-9.17%	-7.70%	-4.98%	-13.98%
BAB	PowerShares Build America Bond Portfolio	National Munis	-2	2.80%	-6.84%	-3.10%	-0.19%	-1.40%	-8.78%
MUB	iShares S&P National Muni Bond	National Munis	-2	1.05%	-4.75%	-3.50%	-2.37%	-2.36%	-5.42%
FXB	CurrencyShares British Pound	Currency	-2	1.59%	-2.88%	-2.60%	-4.92%	-0.66%	-16.11%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-2	15.58%	-5.86%	-11.05%	-5.12%	-1.78%	-13.23%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-2	12.71%	-1.81%	-10.92%	-7.97%	-1.69%	-11.25%
IVV	S&P 500	Large Blend	-3	15.27%	-4.15%	-13.23%	-9.81%	-3.75%	-14.33%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-3	15.37%	-4.49%	-12.79%	-9.15%	-3.38%	-14.11%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-3	15.41%	-3.87%	-12.97%	-9.55%	-3.41%	-14.09%
XRT	SPDR S&P Retail *	Consumer Discretionar	-3	32.71%	-7.30%	-17.70%	-20.54%	-10.53%	-30.13%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-3	16.24%	-4.90%	-13.97%	-10.81%	-4.54%	-15.26%
VTI	Total Stock Market VIPERs	All Cap Equities	-3	16.19%	-4.95%	-14.05%	-10.78%	-4.54%	-15.29%
MCHI	iShares MSCI China	China Equities	-3	5.47%	-5.51%	-5.71%	-6.41%	0.44%	-21.82%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-3	11.48%	-4.10%	-12.22%	-8.76%	-4.44%	-13.08%
VV	Vanguard LargeCap	Large Cap Blend	-3	15.59%	-4.13%	-13.03%	-9.35%	-3.34%	-14.31%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-3	14.47%	-2.91%	-12.86%	-9.80%	-3.26%	-13.39%
IWV	Russell 3000 Index	All Cap Equities	-3	16.32%	-5.03%	-14.14%	-10.93%	-4.61%	-15.36%
SPY	SPDR S&P 500	Large Cap Blend	-3	15.35%	-3.96%	-13.02%	-9.63%	-3.50%	-14.15%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-3	-14.34%	-4.61%	4.54%	0.67%	-5.34%	-41.90%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-3	16.34%	-4.90%	-14.06%	-10.87%	-4.59%	-15.33%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-3	57.42%	-4.29%	-28.11%	-38.85%	-24.57%	-64.41%
IWB	Russell 1000 Index	Large Blend	-3	16.01%	-4.53%	-13.52%	-10.10%	-3.92%	-14.81%
IYZ	Down Jones US Telecom	Commun. Equities	-3	10.39%	-5.52%	-9.78%	-8.94%	-5.29%	-25.56%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-3	15.84%	-4.38%	-13.34%	-9.79%	-3.76%	-14.61%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-3	11.94%	-5.08%	-7.56%	-9.88%	-1.28%	-11.43%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-3	12.34%	-3.20%	-8.24%	-11.21%	-4.91%	-13.61%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	-4	9.00%	-3.06%	-12.93%	-10.05%	-4.25%	-13.49%
XLP	Consumer Staples Select *	Consumer Staples	-4	6.08%	-6.08%	-9.22%	-7.35%	-4.03%	-10.08%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-4	6.67%	-7.38%	-8.68%	-8.58%	-5.96%	-9.10%
IYM	Dow Jones US Basic Mat's	Materials	-4	21.34%	-5.37%	-15.07%	-16.97%	-8.84%	-24.91%
XLB	Materials Select Sector *	Materials	-4	18.83%	-5.60%	-14.90%	-15.44%	-7.92%	-19.05%
UNG	U.S. Natural Gas Fund	Oil & Gas	-4	14.13%	-1.76%	-7.90%	-20.60%	-22.36%	-84.82%
PZA	Pshares Insured National Munis	National Munis	-4	1.48%	-7.33%	-5.67%	-4.35%	-4.16%	-8.07%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-4	7.01%	-6.50%	-8.71%	-8.54%	-5.85%	-9.60%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-4	6.79%	-5.85%	-9.34%	-8.10%	-4.24%	-10.26%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-4	4.85%	-5.07%	-7.17%	-8.06%	-5.39%	-10.42%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-4	8.25%	-5.30%	-9.33%	-8.25%	-3.68%	-10.24%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-4	6.68%	-6.86%	-8.86%	-8.73%	-6.59%	-12.65%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-5	19.48%	-7.14%	-15.93%	-14.78%	-7.98%	-17.85%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-5	7.23%	-7.45%	-9.78%	-9.59%	-6.83%	-69.51%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-5	12.13%	-7.48%	-13.18%	-10.12%	-4.89%	-14.42%

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FXI	iShares China 25 Index	China Equities	-5	3.21%	-6.06%	-7.30%	-11.53% -4.87%	-28.54%
IWO	Russell 2000 Growth	Small Growth	-5	22.11%	-7.94%	-17.63%	-15.02% -7.23%	-19.05%
EWJ	iShares Japan Index	Japan Stock	-5	8.65%	-2.54%	-13.81%	-12.55% -7.28%	-19.96%
VAW	Vanguard Materials VIPERS	Materials	-5	19.26%	-5.95%	-16.01%	-17.25% -9.13%	-23.22%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-5	9.52%	-5.59%	-13.82%	-11.84% -6.06%	-14.24%
EWL	iShares Switzerland Index	Europe Stock	-5	4.92%	-5.77%	-11.73%	-8.92% -3.64%	-12.73%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-5	5.29%	-7.27%	-9.24%	-9.03% -6.96%	-12.10%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-5	13.55%	-5.51%	-15.26%	-13.44% -6.82%	-15.65%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-5	8.03%	-1.02%	-15.49%	-13.13% -6.85%	-20.45%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-5	11.24%	-8.79%	-13.85%	-9.82% -6.56%	-15.21%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-5	10.26%	-8.33%	-10.69%	-9.58% -6.36%	-11.50%
SCHD	Schwab US Dividend Equity	All Cap Equities	-5	13.11%	-4.63%	-14.12%	-12.45% -6.38%	-14.56%
ACWI	iShares MSCI ACWI	Global Equities	-5	12.84%	-6.55%	-15.07%	-13.17% -6.93%	-15.92%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-5	2.01%	-10.68%	-2.04%	-9.08% -3.41%	-22.75%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-5	20.07%	-7.06%	-17.21%	-15.66% -8.57%	-18.45%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-5	11.09%	-10.22%	-11.94%	-10.57% -7.48%	-12.45%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-6	6.47%	-8.71%	-10.79%	-10.82% -8.35%	-12.77%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-6	8.42%	-7.26%	-11.68%	-12.84% -5.69%	-23.37%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-6	8.49%	-8.09%	-12.70%	-9.85% -7.09%	-13.21%
EWH	iShares Hong Kong Index	China Equities	-6	5.70%	-7.24%	-11.28%	-12.96% -8.41%	-22.07%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-6	22.20%	-9.64%	-19.14%	-16.96% -9.68%	-21.05%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-6	8.03%	-1.21%	-15.80%	-13.47% -7.72%	-19.00%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-6	18.70%	-9.07%	-17.95%	-15.50% -9.18%	-19.26%
RSP	Guggenheim S&P Equal Weight	Large Blend	-6	18.49%	-8.41%	-18.28%	-16.82% -9.70%	-19.01%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-6	13.68%	-6.98%	-17.20%	-14.54% -8.60%	-17.75%
VT	Vanguard Total World Stock Index	Global Equities	-6	13.14%	-7.36%	-15.98%	-14.28% -7.71%	-16.66%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-6	10.41%	-10.72%	-12.09%	-9.80% -7.59%	-17.34%
ITB	iShares DJ US Home Construction	Building and Constructi	-6	38.60%	-20.42%	-25.21%	-17.77% -12.75%	-27.54%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-6	13.37%	-6.26%	-15.11%	-16.49% -10.12%	-16.89%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-7	9.18%	-5.81%	-16.01%	-15.57% -9.70%	-24.68%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-7	18.95%	-9.90%	-19.06%	-17.24% -10.56%	-77.98%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-7	12.93%	-8.12%	-16.17%	-15.79% -9.51%	-16.82%
EWN	iShares Netherlands Index	Europe Stock	-7	12.58%	-8.40%	-16.86%	-15.57% -8.56%	-17.89%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-7	15.88%	-8.80%	-18.90%	-17.70% -10.55%	-19.61%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-7	12.51%	-8.35%	-16.28%	-17.04% -8.22%	-34.69%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-7	9.54%	-2.69%	-18.20%	-17.07% -10.38%	-28.87%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-7	15.30%	-8.22%	-18.58%	-17.51% -10.17%	-19.27%
VB	Vanguard SmallCap	Small Cap Blend	-8	21.11%	-10.99%	-21.18%	-20.31% -12.70%	-22.43%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-8	33.51%	-13.32%	-26.62%	-27.37% -18.49%	-28.19%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-8	18.44%	-10.02%	-20.64%	-20.48% -25.22%	-70.07%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-8	32.34%	-18.68%	-25.25%	-20.94% -14.88%	-26.77%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-8	11.38%	-8.16%	-17.19%	-16.63% -10.23%	-17.69%
IJH	S&P MidCap 400	Mid-Cap Blend	-8	19.94%	-10.36%	-20.57%	-20.47% -12.69%	-22.03%
MDY	MidCap Trust Series I	Mid-Cap Blend	-8	20.02%	-10.18%	-20.46%	-20.38% -12.57%	-21.93%

ICF VWOB	Cohen & Steers Realty  Vanguard Emerging Markets Gov Bonds	Real Estate	0	4-1111			
VWOB	Vanguard Emerging Markets Gov Bonds		-8	15.14%	-15.12% -17.58%	-14.81% -12.87%	-21.16%
		Emerging Markets Bon	-8	4.56%	-12.53% -12.50%	-11.46% -8.98%	-13.49%
VTV	Vanguard Value	Large Cap Value	-8	12.72%	-8.72% -18.38%	-17.64% -10.72%	-18.83%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-8	4.94%	-13.20% -13.15%	-12.27% -9.59%	-14.81%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-8	7.35%	-7.36% -17.95%	-15.91% -10.57%	-18.45%
SDY	SPDR Dividend ETF	Large Value	-8	13.05%	-9.99% -18.67%	-18.26% -11.92%	-19.15%
IYJ	Dow Jones US Industrial	Industrial Equities	-8	14.97%	-9.59% -20.37%	-17.50% -11.69%	-20.80%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-8	18.98%	-11.05% -21.52%	-19.99% -12.36%	-25.91%
EWD	iShares Sweden Index	Europe Stock	-8	11.50%	-10.03% -18.02%	-16.29% -8.80%	-24.99%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-8	12.71%	-7.92% -19.71%	-17.01% -10.87%	-21.04%
IVE	S&P 500/BARRA Value	Large Value	-8	13.08%	-9.22% -18.67%	-18.00% -10.46%	-19.20%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-8	13.21%	-9.15% -18.94%	-18.22% -11.59%	-19.51%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-8	20.28%	-11.50% -21.35%	-20.07% -12.99%	-22.62%
EWM	iShares Malaysia Index	Emerging Markets Equi	-8	5.32%	-7.65% -13.36%	-17.28% -12.12%	-35.43%
EWG	iShares Germany Index	Europe Stock	-9	13.75%	-10.24% -20.12%	-19.47% -12.21%	-33.86%
EWC	iShares Canada Index	Foreign Large Cap Equ	-9	14.69%	-12.97% -20.05%	-18.63% -12.72%	-21.12%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-9	7.30%	-7.52% -18.18%	-15.94% -11.73%	-18.57%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-9	8.50%	-10.57% -16.67%	-18.27% -10.75%	-29.65%
ACWX	iShares MSCI ACWI ex US	Global Equities	-9	9.13%	-10.34% -18.30%	-18.25% -11.77%	-25.47%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-9	12.34%	-10.99% -18.93%	-18.81% -12.99%	-19.68%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-9	9.34%	-9.72% -18.85%	-18.52% -11.89%	-25.14%
IDU	Dow Jones US Utilities	Utilities Equities	-9	6.71%	-15.22% -17.09%	-11.98% -9.56%	-19.56%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-9	21.43%	-12.00% -22.47%	-22.12% -13.96%	-24.51%
IWM	Russell 2000	Small Blend	-9	21.03%	-11.55% -21.94%	-21.55% -13.02%	-24.69%
JXI	iShares S&P Global Utilities	<b>Utilities Equities</b>	-9	6.68%	-15.81% -16.50%	-11.11% -8.46%	-18.72%
PKW	PowerShares Buyback Achievers	All Cap Equities	-9	15.68%	-7.70% -21.74%	-21.06% -12.69%	-22.93%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-9	10.21%	-8.07% -17.54%	-19.00% -12.62%	-19.84%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-9	9.09%	-10.13% -18.37%	-18.37% -11.57%	-25.61%
IXUS	iShares Core MSCI Total International Stock	Global Equties	-9	9.77%	-10.30% -18.33%	-18.54% -11.70%	-25.86%
XLU	Utilities Select Sector *	<b>Utilities Equities</b>	-9	6.61%	-15.37% -16.79%	-11.27% -8.90%	-19.33%
IWD	Russell 1000 Value	Large Value	-9	13.90%	-10.32% -19.96%	-19.13% -12.32%	-20.39%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-9	14.88%	-10.71% -20.50%	-21.63% -13.47%	-30.71%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-9	9.15%	-9.88% -18.67%	-18.13% -12.02%	-24.48%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-9	13.05%	-10.00% -20.04%	-20.93% -12.92%	-29.01%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-9	9.69%	-12.92% -17.89%	-14.19% -10.85%	-19.49%
VPU	Vanguard Utilities VIPERS	<b>Utilities Equities</b>	-9	6.53%	-15.02% -16.97%	-11.82% -9.37%	-19.37%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-10	13.51%	-9.57% -19.80%	-25.78% -20.01%	-36.25%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	-10	14.48%	-11.43% -20.24%	-21.22% -13.36%	-31.30%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-10	8.59%	-11.52% -16.93%	-18.66% -11.20%	-29.05%
VNQ	Vanguard REIT Index	Real Estate	-10	16.23%	-17.50% -20.38%	-17.75% -14.54%	-23.56%
VXUS	Vanguard Total International Stock	Global Equities	-10	9.35%	-10.42% -18.62%	-18.72% -11.85%	-26.19%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-10	16.01%	-11.14% -22.50%	-21.96% -13.71%	-23.44%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-10	13.71%	-11.64% -20.91%	-23.00% -15.84%	-23.38%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-10	7.62%	-9.35% -19.18%	-17.12% -11.57%	-19.99%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-10	7.89%	-9.46% -18.31%	-18.59% -11.60%	-34.67%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-10	43.33%	-12.34% -31.00%	-39.43% -26.68%	-57.14%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-10	9.89%	-10.10% -19.18%	-18.80% -12.00%	-25.48%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-10	8.20%	-11.15% -17.25%	-19.09% -11.83%	-28.70%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-10	8.60%	-9.76% -18.74%	-18.31% -11.85%	-24.82%
ECH	iShares Chile Index	Latin America	-10	13.99%	-7.90% -21.56%	-24.51% -21.50%	-55.19%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-10	0.66%	-10.11% -13.19%	-17.28% -11.55%	-40.37%
INDA	iShares MSCI India	Emerging Markets Equi	-10	18.07%	-12.00% -23.65%	-23.00% -16.12%	-28.93%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-10	12.35%	-9.62% -19.02%	-22.77% -13.86%	-27.05%
IYT	Dow Jones Transportation	Transportation Equities	-10	12.51%	-7.62% -23.18%	-23.29% -16.93%	-28.09%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-10	10.40%	-8.79% -21.61%	-20.55% -14.13%	-22.51%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-10	8.82%	-11.04% -17.20%	-18.79% -11.30%	-30.36%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-10	11.64%	-8.55% -19.60%	-23.65% -14.74%	-33.68%
IJR	S&P Sm.Cap 600	Small Blend	-10	19.71%	-12.80% -24.22%	-24.63% -16.10%	-29.85%
IYR	Dow Jones US Real Estate	Real Estate	-10	16.53%	-18.27% -20.95%	-18.14% -14.92%	-24.16%
SLV	iShares Silver Trust	Precious Metals	-11	3.33%	-14.23% -15.94%	-16.24% -11.85%	-28.67%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-11	20.64%	-14.14% -25.77%	-26.66% -18.00%	-27.42%
VGK	Vanguard European	Europe Equities	-11	9.25%	-12.53% -21.15%	-21.03% -13.45%	-27.44%
XLI	Industrial Select Sector *	Industrial Equities	-11	12.45%	-12.15% -23.80%	-21.10% -15.34%	-24.66%
IGE	iShares North American Natural Resources	Commodity Producers	-11	23.87%	-12.98% -24.84%	-29.72% -20.89%	-44.48%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-11	20.88%	-13.15% -25.07%	-25.94% -17.74%	-26.72%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-11	8.80%	-11.46% -22.24%	-19.91% -14.81%	-23.46%
PSQ	ProShares Short QQQ	Inverse Equities	-11	-16.27%	-11.09% -4.15%	-11.71% -15.60%	-60.95%
IWS	Russell MidCap Value	Mid-Cap Value	-11	18.63%	-14.22% -24.07%	-23.34% -15.99%	-24.97%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-11	16.41%	-11.95% -25.28%	-23.90% -15.41%	-26.10%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-11	17.96%	-14.08% -24.17%	-23.20% -15.90%	-24.89%
IEV	S&P Europe 350 Index	Europe Stock	-11	8.62%	-11.85% -20.43%	-20.26% -12.88%	-26.48%
VIS	Vanguard Industrials	industrials Equities	-11	13.44%	-12.63% -23.84%	-21.48% -15.40%	-24.71%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	-12	18.66%	-15.34% -24.67%	-24.71% -18.20%	-30.60%
VBR	Vanguard SmallCap Value	Small Cap Value	-12	19.69%	-15.35% -26.56%	-26.89% -18.76%	-29.73%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-12	16.63%	-13.66% -24.60%	-24.78% -16.80%	-28.49%
EWK	iShares Belgium Index	Europe Stock	-12	8.39%	-11.07% -22.92%	-22.38% -15.34%	-32.61%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-12	14.46%	-14.45% -24.36%	-22.36% -15.64%	-25.55%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-12	7.92%	-12.74% -20.67%	-20.60% -15.64%	-27.15%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-12	4.88%	-17.85% -18.26%	-17.10% -13.83%	-20.87%
RSX	Market Vectors Russia	Emerging Markets Equi	-12	8.53%	-9.71% -24.46%	-23.95% -16.59%	-28.64%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-12	19.63%	-14.17% -26.20%	-28.95% -20.27%	-76.10%
DVY	iShares Select Dividend Index	Large Cap Value	-12	13.51%	-14.77% -24.04%	-23.62% -17.12%	-24.85%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-12	7.93%	-14.26% -20.28%	-23.28% -17.50%	-34.30%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-12	14.87%	-15.50% -23.28%	-24.94% -18.03%	-25.61%
EZU	European Monetary Union Index	Europe Stock	-12	9.87%	-13.97% -22.86%	-22.40% -15.25%	-31.25%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-12	0.66%	-8.37% -17.54%	-21.91% -15.95%	-37.30%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-12	11.39%	-16.08% -22.60%	-21.46% -16.22%	-23.68%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-12	18.35%	-14.26% -25.42%	-25.77% -18.29%	-27.46%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-13	6.57%	-15.43% -20.95%	-20.36% -15.43%	-25.52%
SCHH	Schwab U.S. REIT	Real Estate	-13	17.72%	-20.26% -24.94%	-23.04% -19.81%	-27.32%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-13	21.01%	-14.74% -27.10%	-29.45% -20.16%	-34.30%
RWR	Wilshire REIT Fund	Real Estate	-13	17.81%	-20.74% -25.27%	-23.45% -20.26%	-27.66%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-13	9.32%	-14.41% -23.47%	-23.53% -16.06%	-29.72%
IWN	Russell 2000 Value	Small Value	-13	19.70%	-15.62% -26.74%	-28.48% -19.43%	-32.67%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-13	8.25%	-13.92% -23.48%	-23.86% -16.58%	-33.68%
XLF	Financial Select Sector *	Financial Equities	-13	13.72%	-13.84% -26.55%	-25.81% -17.51%	-26.88%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-13	6.96%	-13.02% -20.09%	-24.07% -15.75%	-30.93%
XME	SPDR S&P Metals & Mining	Commodity Producers	-14	19.91%	-12.45% -27.58%	-34.09% -21.64%	-50.65%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-14	18.32%	-17.76% -28.90%	-28.77% -21.16%	-73.26%
VDE	Vanguard Energy VIPERS	Energy Equities	-14	27.47%	-15.32% -30.84%	-37.92% -27.77%	-53.61%
VFH	Vanguard Financials	Financials Equities	-14	14.76%	-15.10% -27.61%	-26.80% -18.60%	-28.00%
XLE	Energy Select Sector *	Energy Equities	-14	26.04%	-15.61% -30.10%	-36.61% -28.17%	-51.84%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-14	16.41%	-24.26% -25.88%	-22.16% -20.94%	-28.63%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-14	7.31%	-14.09% -23.84%	-24.80% -17.89%	-37.13%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-14	19.49%	-18.34% -29.96%	-28.65% -21.39%	-30.82%
EWA	iShares Australia Index	Asia Pacific Equities	-14	9.86%	-15.48% -25.52%	-24.40% -19.27%	-29.32%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-14	26.04%	-15.59% -30.71%	-37.49% -28.93%	-53.86%
EWQ	iShares France Index	Europe Stock	-14	8.56%	-16.11% -24.49%	-24.82% -17.17%	-27.42%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-14	0.42%	-14.99% -18.51%	-23.89% -17.98%	-34.34%
EWU	iShares United Kingdom Index	Europe Stock	-14	8.60%	-14.26% -23.51%	-25.63% -17.22%	-33.34%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-15	9.93%	-21.70% -25.39%	-24.82% -20.17%	-28.45%
KBE	SPDR S&P Bank	Specialty-Financial	-15	22.40%	-17.15% -31.82%	-33.89% -24.01%	-39.63%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-15	22.80%	-16.93% -32.32%	-34.66% -24.34%	-42.00%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-15	8.32%	-20.37% -23.33%	-24.31% -20.10%	-31.46%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-15	7.69%	-17.26% -25.49%	-25.39% -18.50%	-37.26%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-15	14.29%	-22.27% -26.43%	-25.26% -21.23%	-28.20%
KIE	SPDR S&P Insurance	Specialty-Financial	-16	9.90%	-19.48% -29.28%	-26.47% -21.37%	-72.21%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-16	21.87%	-17.29% -32.65%	-34.05% -25.12%	-35.72%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-16	19.51%	-15.76% -32.13%	-34.36% -23.59%	-36.40%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-16	13.83%	-19.10% -28.74%	-30.56% -19.66%	-40.16%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-17	5.05%	-17.73% -26.28%	-29.69% -23.96%	-40.26%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-17	6.51%	-20.42% -29.22%	-25.55% -19.46%	-57.32%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-17	8.29%	-20.78% -28.90%	-28.48% -20.60%	-33.36%
EWP	iShares Spain Index	Europe Stock	-18	5.38%	-20.57% -28.35%	-27.91% -21.95%	-42.69%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-18	9.71%	-24.68% -28.16%	-27.75% -24.36%	-35.03%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-18	14.66%	-21.20% -34.45%	-29.79% -25.83%	-35.05%
DJP	Bloomberg Commodity Index	Commodities	-18	-0.67%	-19.57% -22.60%	-29.03% -22.44%	-36.80%
EWI	iShares Italy Index	Europe Stock	-19	3.83%	-20.67% -29.80%	-27.96% -21.39%	-38.59%
IXC	S&P Global Energy	Energy Equities	-19	10.40%	-18.44% -30.80%	-36.25% -28.43%	-50.14%
EZA	iShares South Africa Index	Emerging Markets Equi	-20	12.21%	-22.70% -32.43%	-36.10% -30.19%	-58.77%
DBC	PowerShares DB Commodity Index	Commodities	-20	-2.15%	-21.07% -25.39%	-31.70% -24.90%	-41.21%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-23	0.38%	-18.46% -34.17%	-40.90% -31.84%	-63.24%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-24	32.23%	-41.24% -45.70%	-42.00% -36.78%	-63.67%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-25	2.85%	-31.21% -35.16%	-36.35% -29.98%	-64.30%
ILF	iShares S&P 40 Latin America	Latin America Stock	-27	7.53%	-30.35% -40.21%	-43.61% -35.32%	-51.54%
EWZ	iShares Brazil Index	Latin America Stock	-29	6.98%	-32.71% -44.15%	-47.90% -38.15%	-49.04%
GSG	iShares GSCI Commodity Index	Commodities.	-35	-12.22%	-37.19% -41.36%	-47.72% -40.28%	-54.70%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	-50	0.00%	0.00% -100.00%	-100.00% 0.00%	-100.00%