HV ETF Master List as of 05/07/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	⁄₀Μ/A	DD%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	31	20.65%	58.05%	25.84%	21.30%	28.30%	-0.03%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	29	21.00%	54.11%	23.69%	19.11%	25.87%	0.00%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	26	21.74%	75.92%	5.70%	2.05%	14.22%	-16.05%
SIL	Global X Silver Miners	Commodity Producers	19	19.84%	47.44%	8.10%	-0.33%	13.21%	-38.23%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas ldx Exchg-Tr	Government Bonds	16	0.61%	7.19%	21.48%	32.99%	17.84%	-6.75%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	15	17.63%	38.65%	1.26%	3.25%	13.59%	-2.98%
EDV	Vanguard Extended Duration Treasury	Government Bonds	14	0.33%	6.71%	19.59%	30.08%	15.79%	-5.27%
BBH	VanEck Vectors Biotech	Health & Biotech	14	11.66%	28.61%	5.95%	8.34%	13.97%	-0.35%
IGV	iShares North American Tech-Software	Technology Equities	13	14.80%	31.50%	-3.78%	8.40%	11.69%	-5.35%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	13	11.58%	30.43%	4.28%	5.70%	13.38%	-62.69%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	12	12.09%	29.75%	1.36%	4.81%	12.17%	-2.15%
TLT	iShares 20+ Treas. Bd	Government Bonds	11	0.45%	5.49%	15.44%	22.57%	12.88%	-3.01%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	9	10.44%	25.10%	-5.19%	4.46%	9.53%	-6.40%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	9	9.72%	23.92%	-2.11%	2.71%	8.79%	-3.45%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	9	1.50%	3.81%	12.49%	17.40%	10.50%	-1.62%
IAU	iShares Gold Trust	Precious Metals	8	2.05%	8.74%	8.96%	13.09%	11.15%	-0.91%
IYW	Dow Jones US Technology	Technology Equities	8	10.88%	26.66%	-7.23%	3.02%	8.93%	-8.23%
GLD	SPDR Gold Shares	Precious Metals	8	1.70%	9.20%	8.77%	12.84%	10.88%	-1.19%
XLK	Technology Select *	Technology Equities	7	9.64%	23.97%	-7.99%	2.02%	8.00%	-9.13%
VGT	Vanguard Info Technology	Technolgy Equities	7	10.17%	25.22%	-8.28%	1.27%	7.42%	-9.32%
VUG	Vanguard Growth	Large Cap Growth	6	8.97%	22.33%	-8.21%	0.45%	5.19%	-9.34%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	6	9.11%	22.85%	-7.65%	1.62%	6.24%	-8.83%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	6	0.80%	3.23%	7.88%	10.55%	6.72%	-0.39%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	6	6.99%	22.45%	-3.64%	-0.30%	4.69%	-5.09%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	5	8.74%	21.86%	-8.58%	-0.41%	4.79%	-9.68%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	7.44%	21.74%	-9.13%	-1.81%	2.75%	-9.93%
VHT	Vanguard Health Care	Health & Biotech Equiti	5	5.83%	19.57%	-4.15%	-1.74%	5.03%	-4.63%
IYH	Dow Jones US Healthcare	Specialty-Health	5	5.66%	18.60%	-3.72%	-1.50%	5.18%	-4.27%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	5	5.80%	21.26%	-4.83%	-3.80%	3.76%	-16.06%
IWF	Russell 1000 Growth	Large Growth	5	8.34%	21.40%	-8.36%	-0.75%	4.39%	-9.30%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4	4.59%	18.33%	-4.44%	-1.78%	4.28%	-45.22%
FV	First Trust VL Dividend	Large Cap Value Equiti	4	7.95%	25.58%	-11.03%	-4.91%	0.31%	-11.66%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	4	0.51%	1.82%	5.51%	7.03%	4.65%	-0.10%
SPYG	S&P 500 Growth	Large Cap Growth	4	7.43%	20.93%	-9.14%	-1.86%	2.68%	-9.97%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	4	0.22%	7.83%	2.90%	4.63%	3.38%	-0.54%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	4	-0.07%	7.79%	2.52%	4.21%	3.17%	-0.90%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	4	-1.30%	-14.38%	15.63%	15.58%	6.38%	-21.24%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	4	0.50%	1.82%	5.47%	6.96%	4.61%	-0.11%
BLV	Vanguard Long Term Bond	Long-Term Bond	4	-1.79%	7.24%	3.01%	7.66%	4.05%	-5.68%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	4	-0.32%	8.55%	2.38%	4.02%	2.72%	-0.86%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	4	7.34%	20.78%	-9.72%	-2.75%	1.91%	-10.46%

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GOVT	iShares Core U.S. Treasury Bond	Government Bonds	4	0.39%	1.63%	6.25%	8.26%	5.21%	-0.78%
IVW	S&P 500/BARRA Growth	Large Growth	4	7.32%	21.28%	-9.18%	-1.91%	2.54%	-9.94%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3	4.29%	16.65%	-4.77%	-2.75%	3.49%	-5.57%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	7.23%	18.32%	-9.84%	-3.17%	0.47%	-11.10%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	3	10.29%	21.67%	-13.55%	-7.61%	-1.86%	-14.37%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	3	0.54%	3.37%	2.56%	4.44%	2.99%	-1.23%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	3	-0.20%	7.94%	2.21%	3.82%	2.62%	-1.12%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	3	-0.41%	6.03%	2.28%	3.87%	2.64%	-0.92%
IWP	Russell MidCap Growth	Mid-Cap Growth	3	9.03%	20.55%	-11.20%	-5.97%	-0.34%	-12.10%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	3	0.45%	1.44%	4.93%	6.22%	4.22%	0.00%
VOX	Vanguard Telecom Serv's	Communication Equitie	3	9.37%	19.74%	-11.63%	-6.24%	-0.88%	-15.46%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	3	8.24%	20.78%	-11.38%	-5.73%	-0.34%	-12.32%
SMH	VanEch Vectors Semiconductor	Technology Equities	3	7.57%	22.69%	-11.95%	-5.79%	3.49%	-12.48%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	3	7.60%	23.79%	-12.11%	-6.68%	2.96%	-12.87%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	3	8.55%	19.63%	-10.78%	-3.56%	0.50%	-11.84%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	2	7.82%	19.39%	-12.79%	-8.23%	-2.89%	-13.07%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2	8.36%	20.48%	-11.14%	-9.14%	3.79%	-16.99%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	2	0.12%	2.91%	2.18%	3.24%	2.26%	-0.51%
UUP	PowerShares DB US Dollar Bullish	Currency	2	0.33%	2.27%	1.01%	4.08%	1.12%	-3.74%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	2	7.97%	14.83%	-11.53%	-4.05%	-0.61%	-12.26%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	2	7.97%	20.14%	-12.77%	-7.14%	-1.42%	-13.55%
VBK	Vanguard SmallCap Growth	Small Cap Growth	2	9.99%	23.70%	-14.44%	-10.35%	-3.19%	-15.19%
FXY	CurrencyShares Japanese Yen Trust	Currency	1	1.79%	-1.04%	3.09%	1.98%	1.61%	-7.78%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.04%	1.26%	1.94%	2.48%	1.81%	-0.16%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.03%	0.35%	2.15%	2.42%	1.70%	-0.10%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	0.33%	3.38%	-0.47%	1.13%	0.45%	-3.60%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.79%	8.26%	-2.16%	-1.96%	-1.11%	-2.27%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	1.50%	2.54%	-0.08%	0.84%	0.80%	-1.38%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	3.78%	15.19%	-7.15%	-6.52%	1.30%	-11.83%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.07%	0.59%	2.14%	2.43%	1.71%	-0.14%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.06%	5.07%	0.24%	0.63%	0.53%	-0.70%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.00%	0.47%	2.13%	2.36%	1.68%	-0.10%
BNDX	Vanguard Total International Bond	Total Bond Market	1	1.04%	0.78%	-0.68%	1.03%	-1.02%	-3.48%
RWM	ProShares Short Russell2000	Inverse Equities	1	-4.33%	-20.98%	15.48%	13.88%	2.64%	-33.56%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	0	7.79%	11.27%	-8.66%	-10.12%	-1.67%	-11.67%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	-3.46%	7.91%	-2.59%	-0.52%	-0.25%	-5.21%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-0.25%	2.87%	-0.75%	-0.20%	0.17%	-1.77%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	0	3.85%	16.87%	-11.22%	-8.35%	-2.09%	-11.62%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	0.02%	4.38%	-2.27%	-0.63%	-0.24%	-4.28%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	0.16%	2.13%	-0.93%	-0.16%	-0.24%	-2.86%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.54%	0.05%	-0.81%	-0.63%	-0.40%	-0.86%
IHF									40.400/
	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	0	4.11%	14.01%	-11.78%	-7.68%	1.55%	-12.40%
FXG	iShares DJ US Healthcare Provid's 1st Trust Consumer Staples	Health & Biotech Equiti Consumer Staples Equi	0	4.11% 3.47%	14.01% 16.72%		-7.68% -11.87%	1.55% -5.48%	-12.40% -14.25%

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BAB	PowerShares Build America Bond Portfolio	National Munis	0	0.63%	0.92%	-2.70%	0.35%	-0.86%	-8.29%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-1	20.56%	52.14%	-32.06%	-42.91% ·	-28.66%	-66.78%
VV	Vanguard LargeCap	Large Cap Blend	-1	3.80%	16.24%	-14.50%	-9.98%	-3.94%	-14.90%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-1	3.49%	16.30%	-13.65%	-10.30%	-3.73%	-13.87%
EWL	iShares Switzerland Index	Europe Stock	-1	1.10%	14.95%	-12.21%	-9.41%	-4.11%	-13.20%
IWO	Russell 2000 Growth	Small Growth	-1	7.56%	20.54%	-18.51%	-14.76%	-6.66%	-18.80%
MCHI	iShares MSCI China	China Equities	-1	2.12%	7.75%	-8.09%	-6.96%	-0.22%	-22.28%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	-5.73%	10.25%	-5.59%	-2.38%	-2.32%	-9.71%
DOG	ProShares Short Dow 30	Bear Market	-1	-1.39%	-17.71%	10.40%	6.60%	0.32%	-41.12%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	0.17%	7.83%	-6.23%	-5.09%	-2.92%	-8.35%
SPY	SPDR S&P 500	Large Cap Blend	-1	3.41%	15.95%	-14.65%	-10.50%	-4.35%	-14.97%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	0.71%	8.72%	-7.30%	-6.07%	-3.66%	-8.92%
HDGE	Ranger Equity Bear	Inverse Equities	-1	-9.43%	-17.81%	14.01%	9.33%	-4.68%	-47.82%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-1	3.60%	1.80%	-1.60%	-6.59%	-0.68%	-20.63%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-1	3.78%	16.23%	-14.84%	-10.46%	-4.37%	-15.24%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	-1	2.22%	17.96%	-12.61%	-9.69%	-3.81%	-13.14%
IYC	iShares US Consumer Services	Consumer Discretionar	-1	6.26%	17.36%	-14.71%	-11.18%	-5.73%	-15.10%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-1	3.39%	15.31%	-14.33%	-9.77%	-3.97%	-14.69%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-2	3.89%	15.75%	-15.63%	-11.64%	-5.30%	-16.04%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-2	1.00%	13.50%	-11.85%	-10.04%	-6.63%	-11.95%
VTI	Total Stock Market VIPERs	All Cap Equities	-2	3.87%	16.18%	-15.56%	-11.45%	-5.13%	-15.93%
IVV	S&P 500	Large Blend	-2	3.41%	12.65%	-14.75%	-10.59%	-4.49%	-15.08%
IWV	Russell 3000 Index	All Cap Equities	-2	3.74%	15.87%	-15.69%	-11.64%	-5.25%	-16.03%
PZA	Pshares Insured National Munis	National Munis	-2	-0.85%	0.98%	-4.21%	-2.68%	-2.41%	-6.47%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-2	0.82%	12.94%	-13.81%	-9.85%	-5.48%	-14.12%
EWJ	iShares Japan Index	Japan Stock	-2	2.14%	14.87%	-12.62%	-13.06%	-7.68%	-20.43%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-2	19.12%	46.89%	-33.19%	-41.63% ·	-28.53%	-58.70%
IWB	Russell 1000 Index	Large Blend	-2	3.90%	16.00%	-15.09%	-10.82%	-4.60%	-15.50%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-1.04%	-3.31%	-0.34%	-3.75%	-2.18%	-15.07%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-2	2.17%	15.61%	-13.44%	-12.06%	-6.15%	-14.45%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-2	3.40%	13.46%	-14.66%	-10.48%	-4.32%	-14.97%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-2	0.66%	18.58%	-14.88%	-14.26%	-7.99%	-21.48%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-2	3.78%	16.08%	-15.71%	-11.66%	-5.31%	-16.09%
IYM	Dow Jones US Basic Mat's	Materials	-2	1.62%	21.35%	-14.81%	-16.94%	-8.49%	-24.89%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-2	4.99%	18.31%	-17.20%	-14.52%	-7.41%	-17.61%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-2	0.76%	-2.34%	-1.82%	-2.81%	-1.93%	-6.20%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-3	0.18%	18.01%	-15.33%	-14.71%	-8.94%	-20.16%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-3	0.24%	8.65%	-10.86%	-9.30%	-6.41%	-15.47%
ACWI	iShares MSCI ACWI	Global Equities	-3	2.84%	14.04%	-16.26%	-13.91%	-7.55%	-16.64%
XRT	SPDR S&P Retail *	Consumer Discretionar	-3	8.88%	19.15%	-18.70%	-20.86%	-10.60%	-30.42%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-4	3.34%	7.77%	-13.25%	-13.65%	-6.43%	-24.07%
IYZ	Down Jones US Telecom	Commun. Equities	-4	-1.37%	9.89%	-13.40%	-11.08%	-7.31%	-27.31%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-4	0.39%	10.34%	-15.93%	-12.12%	-6.90%	-16.33%
VT	Vanguard Total World Stock Index	Global Equities	-4	2.74%	13.78%	-17.09%	-15.03%	-8.31%	-17.39%

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VAW	Vanguard Materials VIPERS	Materials	-4	0.17%	18.49% -16.73%	-18.47% -10.16%	-24.35%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-4	6.37%	22.02% -19.77%	-26.18% -19.73%	-36.60%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-4	3.18%	14.88% -19.32%	-15.87% -9.29%	-19.61%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-4	2.44%	13.89% -15.54%	-16.08% -10.00%	-25.14%
EWN	iShares Netherlands Index	Europe Stock	-4	2.79%	13.96% -18.07%	-15.96% -8.78%	-18.26%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-4	-1.77%	10.13% -12.12%	-10.28% -6.42%	-12.39%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-4	3.23%	15.71% -19.57%	-17.18% -9.93%	-19.92%
EWC	iShares Canada Index	Foreign Large Cap Equ	-4	4.32%	18.92% -20.85%	-19.10% -12.87%	-21.57%
XLB	Materials Select Sector *	Materials	-4	-0.33%	17.92% -15.29%	-16.46% -8.76%	-20.03%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-4	-0.46%	9.28% -13.67%	-10.48% -7.57%	-13.83%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-4	-4.05%	-19.64% 6.23%	1.41% -4.45%	-41.46%
XLP	Consumer Staples Select *	Consumer Staples	-4	-2.20%	6.02% -12.05%	-9.59% -6.29%	-12.25%
SCHD	Schwab US Dividend Equity	All Cap Equities	-4	1.89%	13.98% -15.76%	-14.19% -8.09%	-16.26%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-4	-2.75%	2.40% -7.73%	-8.46% -5.58%	-10.80%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-4	-1.54%	10.23% -12.31%	-10.53% -5.99%	-12.47%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-4	6.22%	17.11% -20.48%	-17.10% -9.51%	-21.19%
FXI	iShares China 25 Index	China Equities	-4	0.87%	6.70% -9.71%	-12.43% -5.68%	-29.26%
FXB	CurrencyShares British Pound	Currency	-4	-0.94%	-2.02% -5.37%	-6.75% -2.63%	-17.72%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-5	1.26%	16.27% -19.34%	-17.03% -11.18%	-19.89%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-5	-0.06%	12.84% -17.51%	-15.51% -8.89%	-17.67%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-5	0.75%	12.63% -18.96%	-16.05% -9.98%	-19.21%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-5	0.60%	16.60% -18.06%	-18.91% -12.19%	-30.45%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-5	0.47%	3.88% -12.01%	-10.74% -7.97%	-12.79%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-5	0.61%	14.88% -18.30%	-16.38% -10.82%	-18.91%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-5	-4.08%	3.43% -10.64%	-10.17% -7.31%	-11.21%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-5	4.35%	9.45% -17.40%	-17.92% -9.04%	-35.39%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-5	-0.22%	3.94% -12.74%	-11.72% -8.72%	-14.27%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-5	-2.86%	1.05% -10.20%	-9.83% -7.04%	-10.34%
IGE	iShares North American Natural Resources	Commodity Producers	-5	9.30%	28.74% -25.84%	-30.38% -20.97%	-45.01%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-5	2.36%	21.22% -19.63%	-23.52% -14.22%	-27.75%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-5	0.79%	14.41% -18.53%	-16.47% -11.98%	-19.08%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-5	1.64%	23.65% -20.14%	-24.56% -15.28%	-34.47%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-5	-1.00%	8.58% -15.53%	-10.58% -7.17%	-15.93%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-5	0.67%	2.38% -11.63%	-9.83% -6.49%	-11.72%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-5	1.49%	18.79% -21.08%	-17.64% -11.32%	-21.63%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-6	0.94%	12.93% -17.28%	-18.75% -12.21%	-19.14%
EWM	iShares Malaysia Index	Emerging Markets Equi	-6	0.82%	7.24% -13.43%	-18.26% -12.72%	-36.19%
ECH	iShares Chile Index	Latin America	-6	5.34%	11.98% -18.15%	-23.73% -19.88%	-54.73%
EWH	iShares Hong Kong Index	China Equities	-6	-0.99%	5.22% -12.70%	-13.70% -8.83%	-22.73%
EWD	iShares Sweden Index	Europe Stock	-6	1.50%	12.78% -20.32%	-17.60% -10.07%	-26.16%
ITB	iShares DJ US Home Construction	Building and Constructi	-6	10.12%	10.12% -25.91%	-16.96% -11.72%	-26.83%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	-6	4.94%	13.28% -20.63%	-21.30% -13.10%	-31.37%
RSX	Market Vectors Russia	Emerging Markets Equi	-6	0.75%	21.91% -24.05%	-24.11% -16.37%	-28.79%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-6	3.60%	13.21% -20.50%	-21.22% -12.93%	-29.27%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-6	4.41%	14.80% -20.96%	-21.92% -13.42%	-30.96%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-6	1.01%	12.25% -19.35%	-19.09% -12.74%	-25.36%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-6	2.95%	12.90% -20.67%	-17.93% -10.99%	-78.17%
VB	Vanguard SmallCap	Small Cap Blend	-6	4.12%	14.75% -22.89%	-21.09% -13.16%	-23.19%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-6	-4.06%	0.58% -10.87%	-10.47% -8.11%	-14.32%
IXUS	iShares Core MSCI Total International Stock	Global Equties	-6	1.71%	11.32% -19.20%	-19.37% -12.30%	-26.61%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-6	-4.12%	1.42% -11.50%	-11.04% -8.07%	-70.00%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-7	1.20%	8.93% -19.41%	-19.41% -12.56%	-25.96%
RSP	Guggenheim S&P Equal Weight	Large Blend	-7	1.36%	11.65% -21.19%	-19.13% -11.91%	-21.26%
EWG	iShares Germany Index	Europe Stock	-7	0.39%	14.34% -21.49%	-21.00% -13.61%	-35.12%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-7	-4.70%	-0.12% -11.33%	-10.84% -8.55%	-13.85%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-7	-3.71%	-0.42% -12.46%	-12.43% -9.71%	-14.34%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-7	0.12%	15.35% -23.75%	-20.70% -15.30%	-24.21%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-7	-1.57%	12.22% -19.31%	-21.19% -14.58%	-22.00%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-7	2.47%	7.13% -18.58%	-19.81% -12.12%	-31.23%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-7	-0.92%	7.78% -18.28%	-17.61% -11.24%	-18.63%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-7	0.93%	15.16% -23.18%	-21.66% -14.98%	-23.59%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-7	0.04%	3.60% -17.40%	-16.11% -12.42%	-19.94%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-7	3.59%	12.64% -22.71%	-20.58% -13.16%	-23.12%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-7	0.79%	11.90% -20.82%	-19.32% -11.87%	-21.04%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-7	3.55%	14.54% -24.51%	-23.41% -14.96%	-25.76%
MDY	MidCap Trust Series I	Mid-Cap Blend	-7	2.16%	14.40% -22.78%	-21.60% -13.53%	-23.13%
IJH	S&P MidCap 400	Mid-Cap Blend	-7	2.32%	13.65% -22.86%	-21.67% -13.62%	-23.21%
VXUS	Vanguard Total International Stock	Global Equities	-7	1.71%	10.82% -19.42%	-19.62% -12.53%	-27.01%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-7	0.58%	9.20% -19.37%	-19.29% -12.62%	-25.73%
IYJ	Dow Jones US Industrial	Industrial Equities	-7	1.67%	10.53% -21.86%	-18.75% -12.71%	-21.99%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-7	2.07%	6.65% -18.33%	-19.52% -11.83%	-30.72%
ACWX	iShares MSCI ACWI ex US	Global Equities	-7	1.18%	11.25% -19.17%	-19.27% -12.57%	-26.40%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-7	1.58%	10.61% -19.67%	-19.59% -12.56%	-26.21%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-7	2.53%	6.41% -18.60%	-19.72% -12.04%	-29.97%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-7	1.31%	10.76% -19.34%	-19.41% -12.40%	-26.56%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-7	8.02%	8.47% -25.47%	-19.93% -13.50%	-25.84%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	-8	8.33%	10.72% -26.07%	-24.87% -17.82%	-30.75%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-8	-2.00%	10.78% -19.93%	-19.26% -12.78%	-20.29%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-8	1.91%	6.85% -18.93%	-20.26% -12.79%	-29.73%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-8	0.51%	-2.94% -12.95%	-16.31% -10.22%	-39.68%
IWM	Russell 2000	Small Blend	-8	3.01%	11.25% -24.39%	-23.28% -14.53%	-26.34%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-8	0.15%	10.96% -21.71%	-19.97% -12.73%	-21.83%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-8	1.26%	12.75% -24.36%	-21.96% -14.13%	-27.73%
IEV	S&P Europe 350 Index	Europe Stock	-8	-0.11%	11.37% -21.44%	-21.45% -13.89%	-27.59%
VGK	Vanguard European	Europe Equities	-8	0.13%	10.56% -22.29%	-22.15% -14.35%	-28.46%
SLV	iShares Silver Trust	Precious Metals	-8	-0.56%	-4.49% -13.37%	-14.56% -9.90%	-27.24%
	ionales oliver trust		-	0.0070			
VTV	Vanguard Value	Large Cap Value	-8	-2.02%	9.54% -21.22%	-20.28% -13.30%	-21.43%

SCHV	Russell 1000 Value Schwab U.S. Large-Cap Value	Large Value	-9	-1.70%	9.50% -22.73%	04.500/ 44.500/	
	• •			-1.7070	3.3070 -22.1370	-21.50% -14.56%	-22.73%
VIE		Large Cap Value Equiti	-9	-1.94%	9.54% -21.79%	-20.83% -14.10%	-22.09%
ALL	Energy Select Sector *	Energy Equities	-9	9.38%	25.86% -32.40%	-38.13% -29.05%	-53.00%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-9	9.43%	25.48% -33.04%	-39.18% -29.98%	-55.10%
EZU	European Monetary Union Index	Europe Stock	-9	-0.90%	11.13% -24.24%	-23.91% -16.55%	-32.58%
XME	SPDR S&P Metals & Mining	Commodity Producers	-9	2.74%	20.98% -26.66%	-34.91% -21.98%	-51.26%
UNG	U.S. Natural Gas Fund	Oil & Gas	-9	0.23%	-7.32% -8.10%	-22.08% -23.17%	-85.10%
IVE	S&P 500/BARRA Value	Large Value	-9	-1.81%	9.53% -21.45%	-20.44% -12.88%	-21.59%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-9	4.23%	5.01% -23.20%	-23.05% -26.91%	-71.04%
PKW	PowerShares Buyback Achievers	All Cap Equities	-9	-0.56%	13.22% -24.07%	-23.39% -14.95%	-25.21%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-9	-7.36%	4.98% -19.32%	-13.23% -10.88%	-20.48%
JXI	iShares S&P Global Utilities	Utilities Equities	-9	-6.97%	4.19% -19.81%	-13.94% -11.23%	-21.31%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-10	1.36%	5.66% -21.26%	-24.92% -16.25%	-31.70%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-10	3.73%	11.01% -24.13%	-28.61% -22.06%	-39.34%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-10	-5.72%	2.85% -21.06%	-16.39% -12.86%	-21.55%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-10	7.05%	4.26% -24.29%	-25.07% -17.58%	-36.98%
SDY	SPDR Dividend ETF	Large Value	-10	-2.79%	6.31% -22.03%	-21.26% -14.83%	-22.12%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-10	2.65%	0.35% -20.97%	-20.64% -13.64%	-36.32%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-10	2.12%	1.33% -20.93%	-24.28% -18.02%	-35.15%
VDE	Vanguard Energy VIPERS	Energy Equities	-10	9.67%	21.81% -33.22%	-39.83% -29.15%	-55.03%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-10	-0.92%	6.46% -22.80%	-21.95% -16.71%	-27.01%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-10	-2.89%	6.44% -22.53%	-21.89% -15.94%	-22.73%
EWA	iShares Australia Index	Asia Pacific Equities	-11	0.30%	10.32% -27.45%	-26.00% -20.39%	-30.82%
IXC	S&P Global Energy	Energy Equities	-11	2.84%	21.57% -32.42%	-37.62% -29.19%	-51.21%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-11	-1.91%	9.82% -25.14%	-25.40% -17.77%	-31.44%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-11	-1.05%	7.98% -25.17%	-26.35% -19.15%	-38.43%
EWK	iShares Belgium Index	Europe Stock	-11	-2.71%	9.45% -24.60%	-24.64% -17.38%	-34.57%
IDU	Dow Jones US Utilities	Utilities Equities	-11	-9.74%	1.09% -21.55%	-15.44% -12.93%	-22.72%
EWQ	iShares France Index	Europe Stock	-11	-1.68%	8.85% -25.87%	-26.35% -18.49%	-28.91%
EWU	iShares United Kingdom Index	Europe Stock	-11	-0.32%	8.12% -24.67%	-26.63% -17.91%	-34.24%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-11	-0.97%	-6.29% -16.86%	-21.85% -15.36%	-37.26%
XLU	Utilities Select Sector *	Utilities Equities	-11	-9.50%	0.07% -21.27%	-14.69% -12.27%	-22.44%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-11	-9.47%	2.25% -21.33%	-15.14% -12.61%	-22.40%
IJR	S&P Sm.Cap 600	Small Blend	-11	-0.34%	10.08% -27.72%	-27.65% -19.02%	-32.67%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-11	-0.91%	7.63% -25.07%	-25.74% -18.24%	-35.33%
INDA	iShares MSCI India	Emerging Markets Equi	-11	2.83%	4.26% -26.00%	-25.48% -18.41%	-31.21%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-12	-3.04%	7.35% -25.02%	-26.38% -19.10%	-26.74%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-12	2.90%	8.89% -30.82%	-30.43% -21.40%	-31.21%
VIS	Vanguard Industrials	industrials Equities	-12	-2.07%	6.47% -27.27%	-24.45% -18.22%	-27.56%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-12	-1.40%	9.11% -28.73%	-28.91% -20.57%	-29.66%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-12	-2.31%	8.15% -27.27%	-25.79% -18.33%	-27.42%
XLI	Industrial Select Sector *	Industrial Equities	-12	-2.59%	5.48% -27.34%	-24.33% -18.43%	-27.75%
IYT	Dow Jones Transportation	Transportation Equities	-12	-3.19%	9.05% -27.67%	-26.98% -20.45%	-31.54%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-12	-3.38%	10.24% -28.08%	-26.21% -17.60%	-28.34%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
ICF	Cohen & Steers Realty	Real Estate	-12	-7.75%	-0.90% -22.88%	-17.82% -15.59%	-23.95%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-12	-1.26%	5.40% -25.99%	-24.86% -16.56%	-26.29%
IWS	Russell MidCap Value	Mid-Cap Value	-13	-1.64%	3.38% -27.15%	-25.78% -18.23%	-27.35%
VBR	Vanguard SmallCap Value	Small Cap Value	-13	-1.31%	7.23% -29.96%	-29.75% -21.43%	-32.48%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-13	-5.53%	5.19% -27.85%	-25.04% -18.18%	-28.12%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-13	-2.63%	-5.32% -19.03%	-23.78% -17.41%	-34.25%
PSQ	ProShares Short QQQ	Inverse Equities	-13	-10.30%	-25.17% -3.94%	-12.89% -16.25%	-61.47%
VNQ	Vanguard REIT Index	Real Estate	-13	-7.17%	0.21% -25.66%	-20.85% -17.38%	-26.43%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-13	-1.16%	8.49% -29.29%	-29.47% -20.67%	-30.20%
DVY	iShares Select Dividend Index	Large Cap Value	-14	-5.38%	3.84% -27.84%	-27.27% -20.65%	-28.43%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-14	2.42%	-1.47% -28.69%	-28.73% -21.10%	-30.35%
DJP	Bloomberg Commodity Index	Commodities	-14	-2.86%	-6.78% -21.03%	-27.24% -19.96%	-35.20%
IYR	Dow Jones US Real Estate	Real Estate	-14	-7.02%	-1.91% -26.20%	-21.05% -17.56%	-26.86%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-14	-4.85%	6.79% -28.88%	-28.82% -20.82%	-32.33%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-14	-1.72%	-3.06% -25.06%	-25.24% -20.56%	-32.30%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-14	-6.91%	2.01% -26.43%	-24.58% -19.11%	-26.71%
XLF	Financial Select Sector *	Financial Equities	-15	-6.67%	7.12% -29.91%	-28.97% -20.62%	-30.00%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-15	0.77%	2.59% -30.63%	-31.86% -20.78%	-41.29%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-15	-2.40%	8.07% -31.15%	-33.40% -24.75%	-77.60%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-15	-2.04%	7.56% -31.54%	-33.58% -24.32%	-38.14%
IWN	Russell 2000 Value	Small Value	-15	-2.30%	6.70% -30.93%	-32.15% -23.07%	-36.13%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-15	-5.90%	3.54% -27.68%	-28.83% -21.80%	-29.47%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-15	-0.89%	-5.03% -27.07%	-26.18% -21.08%	-29.74%
VFH	Vanguard Financials	Financials Equities	-15	-6.18%	6.88% -31.04%	-29.92% -21.63%	-31.07%
EWI	iShares Italy Index	Europe Stock	-15	-5.53%	8.55% -32.16%	-30.82% -24.07%	-41.03%
EZA	iShares South Africa Index	Emerging Markets Equi	-15	4.14%	2.22% -31.64%	-35.30% -28.51%	-58.25%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-16	-2.69%	3.91% -32.02%	-31.66% -23.82%	-74.35%
EWP	iShares Spain Index	Europe Stock	-16	-5.49%	4.01% -31.21%	-30.68% -24.46%	-44.90%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-17	-3.39%	7.49% -36.23%	-37.42% -28.36%	-39.02%
KIE	SPDR S&P Insurance	Specialty-Financial	-17	-8.35%	1.24% -32.36%	-28.47% -22.99%	-72.96%
SCHH	Schwab U.S. REIT	Real Estate	-17	-8.34%	-3.58% -29.76%	-26.58% -23.00%	-30.66%
RWR	Wilshire REIT Fund	Real Estate	-17	-8.35%	-4.15% -30.13%	-27.04% -23.50%	-31.06%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-17	-5.49%	-5.80% -29.88%	-27.74% -23.33%	-30.59%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-17	-1.66%	-2.57% -31.94%	-30.96% -22.92%	-35.67%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-17	-1.00%	-8.52% -29.62%	-28.84% -24.92%	-36.00%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-17	-2.61%	-7.03% -30.30%	-28.03% -21.63%	-58.74%
DBC	PowerShares DB Commodity Index	Commodities	-17	-4.67%	-8.01% -24.83%	-30.95% -23.48%	-40.56%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-18	-9.38%	-6.69% -29.97%	-24.76% -23.08%	-31.01%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-18	-6.54%	1.93% -34.00%	-32.17% -24.73%	-34.23%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-19	-5.85%	-9.05% -29.87%	-32.50% -25.25%	-62.14%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-19	-7.81%	6.36% -36.95%	-38.82% -28.27%	-40.73%
EWW	iShares Mexico Index	Latin America Stock	-19	4.95%	-10.47% -37.62%	-34.31% -27.45%	-48.52%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-20	-6.07%	-1.42% -38.77%	-34.16% -29.93%	-39.10%
KBE	SPDR S&P Bank	Specialty-Financial	-20	-6.46%	2.89% -37.54%	-39.19% -29.54%	-44.47%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	%M/A	DD%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-21	-6.88%	2.84%	-38.49%	-40.35%	-30.36%	-47.05%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-22	-2.30%	-13.62%	-32.81%	-40.71%	-30.71%	-63.13%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	-25	0.00%	0.00%	0.00%	-100.00%	0.00%	-100.00%
ILF	iShares S&P 40 Latin America	Latin America Stock	-26	-6.96%	-5.95%	-43.10%	-46.43%	-37.82%	-53.97%
GSG	iShares GSCI Commodity Index	Commodities.	-28	-10.13%	-18.70%	-39.16%	-45.31%	-36.78%	-52.62%
EWZ	iShares Brazil Index	Latin America Stock	-31	-12.55%	-9.34%	-48.64%	-52.63%	-43.02%	-53.67%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-32	-14.69%	-12.74%	-52.58%	-46.08%	-40.59%	-66.22%