

HV ETF Master List as of 04/24/2025

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	28	8.93%	27.16%	26.69%	47.92%	26.60%	-4.22%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	27	8.74%	26.10%	26.23%	46.74%	25.66%	-4.14%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	27	8.35%	28.69%	26.54%	45.64%	26.58%	-4.42%
GLD	SPDR Gold Shares	Precious Metals	18	9.26%	16.28%	19.38%	27.23%	22.23%	-2.38%
IAU	iShares Gold Trust	Precious Metals	18	9.29%	16.31%	19.48%	27.33%	22.30%	-2.40%
EWP	iShares Spain Index	Europe Stock	17	4.69%	12.76%	20.97%	30.05%	18.44%	0.00%
SIL	Global X Silver Miners	Commodity Producers	16	1.04%	18.19%	15.85%	28.61%	14.76%	-23.75%
EWV	iShares Mexico Index	Latin America Stock	15	9.95%	13.34%	14.63%	22.47%	10.32%	-18.75%
HDGE	Ranger Equity Bear	Inverse Equities	14	7.28%	11.46%	20.65%	15.48%	5.95%	-83.20%
ECH	iShares Chile Index	Latin America	14	5.07%	10.30%	14.98%	26.60%	18.22%	-43.56%
EWG	iShares Germany Index	Europe Stock	12	3.83%	8.42%	11.80%	22.66%	16.05%	-0.71%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	11	5.66%	10.14%	12.44%	15.85%	9.57%	-5.62%
RWM	ProShares Short Russell2000	Inverse Equities	10	4.00%	7.18%	15.67%	12.27%	9.14%	-66.66%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	10	2.27%	8.35%	12.15%	17.02%	9.92%	-10.70%
EWI	iShares Italy Index	Europe Stock	10	0.95%	7.07%	11.98%	20.88%	12.82%	-1.16%
ILF	iShares S&P 40 Latin America	Latin America Stock	9	2.66%	8.18%	6.96%	18.32%	3.54%	-37.37%
FXE	CurrencyShares Euro Currency Trust	Currency	9	5.45%	9.40%	9.34%	9.90%	5.88%	-12.73%
RWX	SPDR DJ Wil Intern. RE	Real Estate	8	5.67%	7.20%	7.73%	12.46%	3.59%	-39.90%
EWZ	iShares Brazil Index	Latin America Stock	8	1.56%	8.22%	5.40%	18.79%	0.76%	-44.76%
EZU	European Monetary Union Index	Europe Stock	8	2.01%	5.66%	8.48%	17.14%	9.71%	-1.36%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	8	2.45%	7.07%	8.78%	12.16%	6.03%	-19.78%
FXI	CurrencyShares Japanese Yen Trust	Currency	7	5.87%	4.87%	8.08%	10.24%	4.88%	-33.17%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	7	6.26%	6.41%	7.25%	7.90%	4.13%	-26.61%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	7	0.72%	5.16%	8.72%	14.98%	8.41%	-0.66%
FEZ	SPDR Euro Stoxx 50	Europe Stock	7	1.41%	4.10%	6.60%	16.43%	8.87%	-2.42%
DOG	ProShares Short Dow 30	Bear Market	7	4.59%	6.41%	10.87%	5.65%	4.23%	-68.65%
JXI	iShares S&P Global Utilities	Utilities Equities	7	3.96%	6.15%	6.87%	10.04%	5.07%	-0.95%
EWK	iShares Belgium Index	Europe Stock	7	3.76%	7.20%	5.34%	13.24%	6.23%	-10.81%
SLV	iShares Silver Trust	Precious Metals	7	-2.43%	7.61%	6.41%	16.07%	8.31%	-3.72%
EZA	iShares South Africa Index	Emerging Markets Equi	7	-0.52%	6.08%	7.51%	14.44%	3.36%	-36.88%
IEV	S&P Europe 350 Index	Europe Stock	6	1.14%	3.43%	6.69%	14.60%	6.67%	-1.68%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	6	5.02%	5.87%	4.91%	8.45%	1.68%	-34.00%
VGK	Vanguard European	Europe Equities	6	1.08%	3.21%	5.94%	13.53%	5.85%	-1.96%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	6	4.25%	5.13%	5.67%	7.84%	1.06%	-34.51%
INDA	iShares MSCI India	Emerging Markets Equi	6	3.77%	10.69%	5.48%	2.09%	0.06%	-9.22%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	6	3.41%	10.37%	5.62%	3.86%	1.30%	-7.77%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	6	3.43%	6.83%	9.44%	3.72%	-0.45%	-35.73%
EWL	iShares Switzerland Index	Europe Stock	6	0.70%	3.18%	5.88%	15.23%	5.90%	-1.06%
SH	Short S&P 500 ProShares ETF	Inverse Equities	6	2.39%	4.88%	8.99%	6.09%	3.05%	-73.01%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	6	-11.32%	9.25%	1.98%	25.60%	7.97%	-39.33%
FXB	CurrencyShares British Pound	Currency	6	3.02%	5.79%	7.26%	6.51%	4.14%	-11.73%

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IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	0.87%	3.09%	4.67%	10.66%	4.65%	-1.23%
EWQ	iShares France Index	Europe Stock	5	0.42%	3.25%	4.60%	13.49%	5.79%	-4.37%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	5	-0.58%	3.35%	6.00%	9.98%	8.96%	-14.76%
EWU	iShares United Kingdom Index	Europe Stock	5	0.61%	3.24%	5.87%	11.77%	5.18%	-0.26%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	5	2.38%	4.75%	5.37%	9.12%	3.51%	-15.02%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	5	0.67%	2.89%	4.71%	10.78%	4.82%	-1.33%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	5	1.53%	4.26%	4.26%	8.46%	3.62%	-16.68%
EWD	iShares Sweden Index	Europe Stock	5	-0.48%	0.58%	5.27%	16.05%	6.28%	-12.29%
PIN	PowerShares India Portfolio	Emerging Markets Equi	5	2.77%	10.55%	4.30%	0.81%	-5.08%	-50.79%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	5	0.06%	2.97%	5.34%	10.86%	5.58%	-2.14%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	4	1.69%	2.40%	4.87%	8.25%	6.40%	-1.11%
EWN	iShares Netherlands Index	Europe Stock	4	1.23%	2.82%	4.04%	8.81%	2.20%	-9.99%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	0.93%	2.51%	3.75%	9.39%	3.78%	-2.10%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	3	-0.73%	0.50%	4.93%	7.18%	2.09%	-2.93%
VXUS	Vanguard Total International Stock	Global Equities	3	0.09%	1.75%	2.89%	7.43%	2.64%	-6.21%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	-0.11%	1.91%	3.41%	8.21%	3.39%	-4.57%
VEU	Vanguard FTSE All-World ex-US	Global Equities	3	-0.03%	1.68%	3.09%	7.61%	2.85%	-5.36%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	-0.03%	1.91%	2.98%	7.56%	2.85%	-5.81%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	1.96%	3.09%	0.67%	4.37%	3.19%	-2.82%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	3	1.20%	3.07%	2.67%	4.27%	0.84%	-15.95%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	3	-0.96%	0.00%	1.23%	9.94%	-4.09%	-41.85%
PPLT	ETFS Physical Platinum Shares	Precious Metals	2	-1.31%	2.58%	0.29%	7.19%	1.17%	-25.46%
EWJ	iShares Japan Index	Japan Stock	2	-0.52%	1.86%	1.68%	4.74%	2.39%	-5.18%
IDU	Dow Jones US Utilities	Utilities Equities	2	1.23%	0.74%	0.69%	4.81%	1.52%	-43.05%
VPU	Vanguard Utilities VIPERS	Utilities Equities	2	1.34%	0.55%	0.56%	4.03%	0.92%	-5.09%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	2	0.56%	1.38%	2.40%	3.24%	2.02%	-5.32%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	2	-0.87%	0.88%	2.25%	5.64%	2.46%	-0.90%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	0.52%	1.34%	1.47%	5.18%	1.03%	-12.77%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	2	0.85%	0.45%	0.10%	6.13%	0.98%	-9.80%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	1	-2.10%	0.11%	0.99%	3.34%	0.12%	-20.53%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	3.10%	1.64%	-1.70%	2.48%	4.63%	-3.98%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1	0.38%	0.00%	1.30%	2.05%	0.02%	-19.19%
BNDX	Vanguard Total International Bond	Total Bond Market	1	1.64%	0.24%	0.67%	0.82%	-0.22%	-16.50%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	1	-2.22%	1.19%	-0.57%	5.17%	-1.62%	-21.85%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	0.34%	0.79%	-0.54%	1.44%	-1.64%	-7.25%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.25%	0.37%	0.54%	1.25%	0.38%	-5.82%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	-0.04%	0.30%	1.88%	3.06%	1.03%	-16.67%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	0.77%	0.65%	1.72%	2.35%	0.58%	-15.67%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	1	-1.41%	0.84%	1.01%	3.61%	-0.36%	-16.57%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.36%	0.47%	0.91%	1.36%	0.64%	-5.98%
FXI	iShares China 25 Index	China Equities	1	-7.01%	-5.38%	4.66%	12.06%	9.71%	-37.38%
MCHI	iShares MSCI China	China Equities	1	-6.88%	-5.35%	5.14%	10.90%	7.57%	-46.53%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	-0.29%	0.17%	1.70%	3.02%	1.04%	-16.12%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	0.84%	-1.59%	0.73%	3.36%	1.18%	-3.39%

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EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	1.32%	0.87%	0.15%	3.61%	0.35%	-15.90%
EWA	iShares Australia Index	Asia Pacific Equities	1	3.20%	1.83%	-1.76%	2.72%	-1.51%	-10.48%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	0.70%	0.73%	1.76%	2.31%	0.80%	-11.84%
DJP	Bloomberg Commodity Index	Commodities	1	-2.43%	-0.47%	1.10%	6.23%	5.06%	-17.26%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	0.55%	0.05%	1.80%	2.60%	-0.10%	-22.92%
XLU	Utilities Select Sector *	Utilities Equities	1	1.34%	0.54%	0.14%	3.65%	0.61%	-5.40%
XLP	Consumer Staples Select *	Consumer Staples	1	0.30%	-1.15%	1.66%	3.10%	0.42%	-3.81%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	1	0.35%	0.31%	1.09%	1.60%	0.48%	-10.52%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.29%	0.34%	0.57%	0.95%	0.41%	-5.79%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.30%	0.36%	0.60%	0.96%	0.45%	-4.64%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	0.66%	0.54%	1.71%	2.33%	0.51%	-16.23%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	0.09%	-0.56%	0.61%	1.41%	-0.53%	-19.11%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	0.05%	0.04%	0.43%	1.01%	0.35%	-5.35%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.03%	-0.07%	-0.03%	0.33%	0.11%	-0.42%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	-0.12%	-0.75%	0.26%	1.08%	-0.57%	-16.50%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-0.26%	-0.08%	0.48%	0.77%	0.12%	-5.43%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	-2.40%	-0.64%	0.74%	4.09%	0.14%	-24.90%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	0.08%	-0.58%	0.66%	1.38%	-0.47%	-17.88%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	0	-2.03%	-0.37%	0.60%	3.31%	-0.47%	-22.33%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.18%	-0.77%	0.50%	1.29%	-0.86%	-20.75%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	0.31%	-0.13%	1.15%	-0.52%	-0.12%	-19.22%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	0	-2.24%	0.37%	-2.77%	5.17%	2.54%	-36.26%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	0	0.00%	0.00%	0.00%	0.00%	-0.18%	-9.09%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	0.05%	-0.56%	0.69%	1.43%	-0.43%	-18.48%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	0	0.75%	2.70%	-0.61%	-1.38%	3.13%	-9.70%
MOO	VanEck Vectors Agribusiness	Commodity Producers	0	-1.08%	0.06%	-2.91%	5.53%	-2.35%	-37.15%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	0	-3.12%	-3.15%	-0.47%	7.28%	4.24%	-5.57%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	0.00%	0.00%	-83.14%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	-0.38%	-1.57%	-0.36%	0.54%	-1.59%	-22.80%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-0.56%	-1.32%	0.07%	0.85%	-1.10%	-19.43%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	0	-0.33%	-1.54%	-0.89%	0.97%	-1.04%	-23.43%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	0	-2.25%	-1.04%	-0.60%	3.47%	3.20%	-21.30%
EWK	iShares Hong Kong Index	China Equities	0	-3.59%	-2.72%	2.75%	3.06%	1.19%	-38.90%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.33%	-0.37%	-0.43%	-0.02%	-0.10%	-0.55%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	-2.32%	-0.62%	0.45%	2.23%	-0.42%	-20.30%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	0	0.48%	5.05%	-2.21%	-3.41%	5.35%	-20.61%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	-0.30%	-1.59%	-0.92%	1.10%	-0.99%	-23.69%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	0	-2.84%	-2.24%	0.35%	2.81%	0.70%	-4.12%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	0	-0.66%	-2.34%	0.57%	1.69%	-2.53%	-41.26%
BAB	PowerShares Build America Bond Portfolio	National Munis	-1	-0.68%	-2.27%	-0.38%	0.23%	-2.23%	-24.34%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-1	-2.74%	-2.57%	-1.61%	2.39%	-0.08%	-3.87%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-1	-0.57%	-2.07%	-2.20%	-0.65%	-1.30%	-70.80%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	-0.34%	-1.10%	-1.71%	-1.71%	-1.34%	-11.57%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-1	-0.63%	-1.90%	-2.13%	-0.63%	-1.12%	-11.85%

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TLT	iShares 20+ Treas. Bd	Government Bonds	-1	-0.75%	-3.36%	-0.11%	1.04%	-4.25%	-48.57%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	-0.89%	-3.17%	-0.71%	0.35%	-3.60%	-41.57%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-1	-3.64%	-4.74%	-1.73%	6.56%	3.20%	-44.49%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-1	-1.11%	-1.64%	-1.23%	-0.79%	-1.24%	-9.33%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-1	-0.62%	-3.65%	-1.44%	0.44%	-3.55%	-23.82%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-1	-0.30%	-1.51%	-1.48%	0.06%	-0.54%	-11.54%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	-3.10%	-1.70%	-0.04%	1.62%	-0.86%	-28.14%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-1	-0.75%	-2.19%	-2.17%	-0.61%	-1.16%	-8.65%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-1	-0.28%	-1.48%	-1.37%	-0.50%	-1.42%	-8.54%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-1	-2.98%	-4.75%	0.95%	1.79%	-2.36%	-16.85%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-1	-3.80%	-0.88%	-1.76%	4.38%	-3.37%	-20.44%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-2	-1.64%	-2.64%	-2.42%	-2.03%	-2.49%	-16.43%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-2	-4.72%	-4.58%	-1.64%	1.46%	-2.27%	-6.09%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-2	-0.75%	-2.15%	-2.30%	-0.91%	-1.35%	-11.09%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-2	-3.87%	-3.71%	-2.84%	2.30%	0.63%	-5.10%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-2	-3.31%	-3.56%	-1.33%	-1.78%	-0.55%	-43.97%
ICF	Cohen & Steers Realty	Real Estate	-2	-1.89%	-4.95%	-1.78%	-0.98%	-4.43%	-52.63%
KIE	SPDR S&P Insurance	Specialty-Financial	-2	-5.44%	-2.82%	-1.34%	1.73%	0.56%	-38.72%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-2	-4.19%	-5.39%	-3.15%	4.39%	1.28%	-6.44%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-2	-4.06%	-3.92%	-3.44%	2.29%	0.74%	-5.30%
XME	SPDR S&P Metals & Mining	Commodity Producers	-2	-2.05%	-0.68%	-4.79%	0.79%	-4.94%	-18.16%
MUB	iShares S&P National Muni Bond	National Munis	-2	-0.78%	-3.28%	-2.64%	-2.50%	-2.87%	-11.91%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-2	-1.55%	-3.62%	-2.38%	-0.45%	-3.76%	-36.25%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-2	-4.88%	-1.03%	-5.41%	4.29%	-5.96%	-15.42%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-2	-2.32%	-2.74%	-3.66%	-1.18%	-1.49%	-8.16%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	-1.07%	-3.49%	-1.75%	-0.79%	-3.90%	-34.32%
EWM	iShares Malaysia Index	Emerging Markets Equi	-2	-0.51%	-1.39%	-2.17%	-4.48%	-3.88%	-35.76%
IYR	Dow Jones US Real Estate	Real Estate	-3	-2.69%	-5.45%	-2.84%	-0.78%	-4.46%	-20.50%
ACWI	iShares MSCI ACWI	Global Equities	-3	-2.34%	-3.48%	-5.30%	-1.69%	-1.95%	-6.94%
SCHH	Schwab U.S. REIT	Real Estate	-3	-2.73%	-5.61%	-2.77%	-1.76%	-5.27%	-60.73%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-3	-1.44%	-2.55%	-4.91%	-1.55%	-0.77%	-16.83%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-3	-5.26%	-6.09%	-2.40%	1.07%	-2.23%	-7.42%
VT	Vanguard Total World Stock Index	Global Equities	-3	-2.24%	-3.57%	-5.49%	-1.90%	-2.20%	-7.03%
DBC	PowerShares DB Commodity Index	Commodities	-3	-4.22%	-3.83%	-3.13%	-0.28%	-3.52%	-30.17%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-3	0.00%	-4.50%	-6.85%	-1.01%	-0.34%	-10.75%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-3	-2.31%	-6.27%	-1.47%	-0.84%	-7.74%	-62.35%
GSG	iShares GSCI Commodity Index	Commodities.	-3	-4.09%	-3.36%	-4.39%	-0.87%	-0.08%	-18.07%
SDY	SPDR Dividend ETF	Large Value	-3	-3.43%	-4.38%	-3.51%	-1.22%	-4.35%	-9.38%
IYM	Dow Jones US Basic Mat's	Materials	-3	-4.14%	-4.45%	-5.33%	0.80%	-6.26%	-14.97%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-3	-2.19%	-6.80%	-1.54%	-1.52%	-9.23%	-64.43%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-4	-5.16%	-5.68%	-3.65%	-0.40%	-1.84%	-7.55%
DVY	iShares Select Dividend Index	Large Cap Value	-4	-4.05%	-5.88%	-5.37%	-2.19%	-3.76%	-10.46%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-4	-3.91%	-7.97%	-5.85%	0.56%	-4.15%	-9.29%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-4	-1.69%	-6.27%	-8.29%	1.46%	-0.61%	-84.06%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-4	-6.63%	-2.16%	-4.18%	-3.48%	-0.74%	-9.41%
IGE	iShares North American Natural Resources	Commodity Producers	-4	-6.91%	-3.44%	-5.57%	-0.75%	-4.36%	-11.66%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-4	-2.49%	-4.67%	-4.79%	-3.09%	-5.82%	-27.80%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-4	-4.56%	-4.07%	-6.11%	-2.06%	-1.98%	-9.11%
VNQ	Vanguard REIT Index	Real Estate	-4	-2.97%	-6.39%	-3.96%	-2.16%	-5.60%	-24.87%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-4	-3.62%	-5.56%	-7.62%	-0.84%	0.26%	-23.55%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-4	-4.25%	-5.58%	-5.45%	1.23%	-6.10%	-29.28%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-4	-2.68%	-4.85%	-5.95%	-3.98%	-5.54%	-25.05%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-4	-4.06%	-4.78%	-5.30%	-1.85%	-4.83%	-9.92%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-4	-2.55%	-4.90%	-5.06%	-3.99%	-6.15%	-28.44%
XLB	Materials Select Sector *	Materials	-4	-3.92%	-5.42%	-6.93%	-1.07%	-7.10%	-14.74%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-4	-3.90%	-5.71%	-6.19%	-1.76%	-3.33%	-8.89%
XLF	Financial Select Sector *	Financial Equities	-4	-3.85%	-5.63%	-6.80%	-0.17%	1.08%	-7.55%
PZA	Pshares Insured National Munis	National Munis	-4	-1.49%	-5.11%	-4.42%	-4.74%	-5.08%	-18.28%
XLI	Industrial Select Sector *	Industrial Equities	-4	-2.91%	-4.10%	-7.40%	-2.08%	-3.33%	-10.40%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-4	-4.65%	-5.13%	-3.15%	-1.95%	-3.73%	-8.46%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-5	-3.07%	-6.05%	-8.54%	-1.14%	1.25%	-62.21%
VIS	Vanguard Industrials	industrials Equities	-5	-2.90%	-4.71%	-9.04%	-3.95%	-4.70%	-12.65%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-5	-6.30%	-2.93%	-5.69%	-4.39%	-1.64%	-10.56%
IXC	S&P Global Energy	Energy Equities	-5	-9.91%	-4.78%	-5.28%	-0.92%	-6.18%	-15.48%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-5	-3.20%	-5.99%	-7.18%	-3.82%	-3.98%	-8.22%
VHT	Vanguard Health Care	Health & Biotech Equiti	-5	-5.19%	-6.79%	-7.85%	-1.28%	-7.00%	-13.07%
IYZ	Down Jones US Telecom	Commun. Equities	-5	-5.75%	-7.36%	-4.78%	-2.83%	-0.24%	-28.65%
VFH	Vanguard Financials	Financials Equities	-5	-3.99%	-6.42%	-8.67%	-2.01%	-0.31%	-9.14%
VAW	Vanguard Materials VIPERS	Materials	-5	-3.66%	-5.48%	-7.47%	-2.03%	-7.17%	-14.49%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-5	-3.05%	-6.26%	-7.77%	-3.12%	-3.01%	-8.82%
RWR	Wilshire REIT Fund	Real Estate	-5	-3.29%	-7.54%	-5.09%	-3.92%	-6.40%	-22.25%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-1.58%	-4.28%	-5.49%	-10.29%	-6.54%	-58.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-5	-6.15%	-2.78%	-5.50%	-4.48%	-0.65%	-8.93%
VTV	Vanguard Value	Large Cap Value	-5	-4.50%	-6.03%	-7.14%	-2.49%	-4.22%	-9.23%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-5	-1.51%	-4.21%	-10.18%	-3.40%	-2.05%	-11.50%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-5	-4.23%	-6.63%	-7.21%	-3.27%	-3.79%	-8.62%
IGV	iShares North American Tech-Software	Technology Equities	-5	0.73%	-3.25%	-9.30%	-6.91%	-1.44%	-79.13%
IWD	Russell 1000 Value	Large Value	-5	-4.25%	-5.73%	-7.22%	-2.33%	-3.86%	-9.50%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-5	-3.56%	-5.26%	-6.99%	-3.99%	-5.03%	-11.84%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-5	-5.23%	-6.68%	-6.75%	-0.13%	-6.41%	-12.62%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-5	-2.64%	-4.78%	-8.52%	-3.82%	-3.65%	-10.74%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	-5	-4.14%	-7.32%	-7.94%	-2.07%	-4.55%	-10.40%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-5	-3.94%	-6.17%	-6.76%	-3.11%	-4.13%	-8.48%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-6	-5.12%	-11.12%	-6.04%	-2.69%	-10.20%	-47.66%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-6	-3.65%	-5.58%	-9.24%	-4.54%	-4.43%	-11.80%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-6	-5.77%	-6.98%	-6.11%	-3.27%	-5.28%	-10.73%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-6	-5.90%	-6.73%	-8.42%	-3.92%	-6.76%	-11.42%
IWS	Russell MidCap Value	Mid-Cap Value	-6	-3.91%	-6.00%	-9.46%	-5.67%	-6.01%	-13.06%

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IYH	Dow Jones US Healthcare	Specialty-Health	-6	-5.46%	-7.18%	-8.01%	-1.65%	-7.31%	-13.66%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-6	-4.43%	-6.27%	-8.15%	-3.64%	-4.10%	-77.85%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-6	-4.67%	-6.79%	-8.67%	-4.35%	-4.66%	-9.80%
UUP	PowerShares DB US Dollar Bullish	Currency	-6	-4.34%	-6.63%	-7.04%	-7.14%	-5.68%	-10.92%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-6	-3.10%	-5.69%	-10.21%	-5.67%	-5.16%	-62.79%
IWP	Russell MidCap Growth	Mid-Cap Growth	-6	-0.80%	-4.90%	-12.24%	-5.89%	-2.78%	-14.56%
RSP	Guggenheim S&P Equal Weight	Large Blend	-6	-3.90%	-5.90%	-8.24%	-4.30%	-4.82%	-10.62%
IVE	S&P 500/BARRA Value	Large Value	-6	-5.00%	-6.43%	-7.77%	-4.62%	-5.86%	-11.69%
IYJ	Dow Jones US Industrial	Industrial Equities	-6	-3.87%	-6.44%	-10.39%	-5.03%	-4.69%	-34.29%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-6	-4.96%	-7.22%	-8.03%	-3.36%	-5.18%	-11.54%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-7	-3.66%	-6.73%	-10.38%	-7.22%	-5.29%	-44.44%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-7	-2.16%	-6.60%	-11.30%	-8.55%	-4.52%	-13.05%
BBH	VanEck Vectors Biotech	Health & Biotech	-7	-6.01%	-7.79%	-9.08%	-4.33%	-10.10%	-31.97%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-7	-3.48%	-6.57%	-10.00%	-6.77%	-4.88%	-43.41%
VV	Vanguard LargeCap	Large Cap Blend	-7	-3.46%	-6.46%	-9.72%	-6.69%	-4.79%	-10.96%
VTI	Total Stock Market VIPERs	All Cap Equities	-7	-3.58%	-6.77%	-10.41%	-7.18%	-5.30%	-11.26%
SPY	SPDR S&P 500	Large Cap Blend	-7	-3.60%	-6.56%	-9.64%	-6.72%	-4.85%	-10.81%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-7	-0.90%	-1.62%	-10.93%	-12.62%	-11.94%	-48.09%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-7	-0.40%	-6.86%	-11.93%	-10.26%	-10.04%	-31.71%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-7	-3.61%	-6.61%	-9.69%	-6.76%	-4.91%	-10.87%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-7	-1.23%	-6.85%	-12.87%	-6.35%	-3.64%	-82.51%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-7	-5.19%	-7.26%	-10.66%	-5.76%	-5.35%	-11.08%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-7	-4.72%	-6.89%	-10.29%	-6.93%	-6.37%	-53.25%
SPYG	S&P 500 Growth	Large Cap Growth	-7	-2.19%	-6.59%	-11.35%	-8.58%	-4.54%	-13.02%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-7	-3.48%	-6.56%	-9.71%	-6.54%	-4.90%	-10.82%
IVV	S&P 500	Large Blend	-7	-3.58%	-6.56%	-9.66%	-6.70%	-4.88%	-10.82%
IVW	S&P 500/BARRA Growth	Large Growth	-7	-2.16%	-6.57%	-11.34%	-8.59%	-4.53%	-13.01%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-7	-4.99%	-7.14%	-11.65%	-4.96%	-8.14%	-22.75%
IWB	Russell 1000 Index	Large Blend	-7	-3.52%	-6.57%	-10.02%	-6.79%	-4.89%	-11.04%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-7	-3.67%	-6.81%	-10.43%	-7.24%	-5.34%	-11.36%
IWV	Russell 3000 Index	All Cap Equities	-7	-3.66%	-6.62%	-10.30%	-7.00%	-5.17%	-11.14%
PKW	PowerShares Buyback Achievers	All Cap Equities	-7	-4.82%	-6.35%	-10.11%	-5.53%	-4.96%	-13.14%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-7	-2.96%	-6.58%	-10.65%	-8.58%	-5.10%	-13.38%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-7	-3.61%	-6.77%	-9.76%	-6.32%	-5.81%	-10.72%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-7	-3.75%	-7.73%	-11.76%	-3.46%	-5.38%	-13.19%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-7	-2.15%	-6.71%	-11.48%	-8.66%	-4.73%	-13.09%
IWF	Russell 1000 Growth	Large Growth	-8	-2.89%	-7.28%	-12.50%	-10.51%	-5.79%	-14.22%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-8	-5.39%	-7.63%	-11.41%	-6.32%	-4.41%	-14.05%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-8	-5.61%	-8.33%	-10.56%	-6.06%	-10.26%	-63.56%
MDY	MidCap Trust Series I	Mid-Cap Blend	-8	-4.09%	-7.11%	-12.83%	-8.72%	-7.98%	-16.16%
VOX	Vanguard Telecom Serv's	Communication Equitie	-8	-5.20%	-8.46%	-12.74%	-6.54%	-3.35%	-14.43%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-8	-5.39%	-7.62%	-12.03%	-7.70%	-7.40%	-50.14%
IJH	S&P MidCap 400	Mid-Cap Blend	-8	-4.10%	-7.18%	-12.87%	-8.76%	-8.04%	-16.24%
VUG	Vanguard Growth	Large Cap Growth	-8	-2.54%	-6.94%	-11.68%	-9.63%	-5.16%	-13.36%

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IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-8	-5.29%	-7.91%	-12.44%	-8.19%	-7.16%	-33.70%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-8	-2.62%	-7.15%	-11.76%	-10.11%	-5.47%	-13.75%
IWY	Russell Top 200 Growth	Small Growth	-8	-2.95%	-7.36%	-12.20%	-10.86%	-5.87%	-14.30%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-8	-7.13%	-8.46%	-9.04%	-6.30%	-7.44%	-13.69%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-8	-10.75%	-7.52%	-8.58%	-4.17%	-7.39%	-15.01%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-8	-2.96%	-6.56%	-13.29%	-9.40%	-8.91%	-67.95%
XLE	Energy Select Sector *	Energy Equities	-8	-11.12%	-7.89%	-8.45%	-3.64%	-7.62%	-15.84%
XLK	Technology Select *	Technology Equities	-8	-2.87%	-7.71%	-11.52%	-11.65%	-8.13%	-15.17%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-8	-4.58%	-7.80%	-12.91%	-8.23%	-7.56%	-15.46%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-8	-3.04%	-7.09%	-12.72%	-10.62%	-5.99%	-40.26%
SCHD	Schwab US Dividend Equity	All Cap Equities	-8	-7.35%	-8.73%	-8.11%	-5.89%	-7.49%	-12.94%
IYC	iShares US Consumer Services	Consumer Discretionar	-8	-2.46%	-6.92%	-12.67%	-8.18%	-2.65%	-68.13%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-8	-2.81%	-6.52%	-13.10%	-8.22%	-6.26%	-15.98%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-9	-5.42%	-7.13%	-13.52%	-10.18%	-13.31%	-53.51%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-9	-4.48%	-6.32%	-14.95%	-9.71%	-14.46%	-24.84%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-9	-6.76%	-9.08%	-12.89%	-7.28%	-9.30%	-28.83%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-9	-6.14%	-9.15%	-10.63%	-10.78%	-11.60%	-31.86%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-9	-4.31%	-8.44%	-14.20%	-9.02%	-7.35%	-14.75%
VDE	Vanguard Energy VIPERS	Energy Equities	-9	-11.14%	-8.03%	-9.60%	-5.49%	-8.27%	-16.18%
VBR	Vanguard SmallCap Value	Small Cap Value	-9	-4.85%	-8.24%	-13.25%	-9.31%	-8.94%	-17.29%
IYW	Dow Jones US Technology	Technology Equities	-9	-3.10%	-7.89%	-12.61%	-12.12%	-7.84%	-15.95%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-10	-5.10%	-11.63%	-15.71%	-7.79%	-4.81%	-20.45%
XRT	SPDR S&P Retail *	Consumer Discretionar	-10	-2.44%	-6.77%	-16.20%	-13.98%	-10.11%	-34.27%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-10	-5.13%	-8.96%	-15.58%	-11.99%	-10.62%	-58.67%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-10	-4.28%	-8.05%	-14.88%	-10.94%	-11.02%	-42.34%
SMH	VanEck Vectors Semiconductor	Technology Equities	-10	-4.03%	-8.66%	-14.77%	-13.71%	-12.32%	-25.70%
IYT	Dow Jones Transportation	Transportation Equities	-10	-6.45%	-11.25%	-13.64%	-9.59%	-10.13%	-18.98%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-10	-5.39%	-11.12%	-15.35%	-9.78%	-8.04%	-30.88%
VB	Vanguard SmallCap	Small Cap Blend	-10	-4.73%	-8.47%	-14.58%	-10.40%	-8.88%	-17.69%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-10	-6.37%	-9.31%	-13.41%	-11.85%	-10.64%	-64.56%
ITB	iShares DJ US Home Construction	Building and Constructi	-10	-4.84%	-6.34%	-16.31%	-10.87%	-16.88%	-28.75%
IWO	Russell 2000 Growth	Small Growth	-10	-4.36%	-8.01%	-16.02%	-12.56%	-10.71%	-25.24%
IWN	Russell 2000 Value	Small Value	-10	-6.10%	-9.29%	-14.26%	-11.72%	-11.37%	-20.08%
IWM	Russell 2000	Small Blend	-10	-5.16%	-8.63%	-15.08%	-12.17%	-10.94%	-20.00%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	-10	-4.02%	-8.54%	-15.53%	-10.76%	-8.33%	-18.16%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-10	-11.92%	-9.82%	-12.52%	-7.65%	-10.85%	-26.06%
KBE	SPDR S&P Bank	Specialty-Financial	-10	-5.37%	-10.15%	-14.21%	-8.55%	-7.35%	-19.17%
VGT	Vanguard Info Technology	Technolgy Equities	-10	-3.38%	-8.59%	-13.15%	-13.41%	-8.66%	-16.91%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-10	-4.65%	-8.88%	-16.37%	-11.99%	-9.01%	-19.40%
IJR	S&P Sm.Cap 600	Small Blend	-11	-6.05%	-9.89%	-16.38%	-13.31%	-12.46%	-21.59%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-11	-4.71%	-10.47%	-17.19%	-12.72%	-9.73%	-17.67%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	-11	-4.55%	-8.62%	-16.76%	-13.48%	-5.78%	-18.93%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	-12	-5.93%	-10.83%	-16.33%	-15.06%	-15.10%	-73.46%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	-12	-3.71%	-11.45%	-19.68%	-13.56%	-13.78%	-24.00%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-12	-4.59%	-8.98%	-18.12%	-14.55%	-7.57%	-20.08%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-13	-12.69%	-11.72%	-15.81%	-12.00%	-13.29%	-25.88%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-13	-7.99%	-11.83%	-17.90%	-15.71%	-13.55%	-47.16%