

HV ETF Master List as of 05/18/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IYW	Dow Jones US Technology	Technology Equities	17	7.94%	9.77%	16.98%	32.53%	19.55%	-15.69%
ITB	iShares DJ US Home Construction	Building and Constructi	16	4.73%	14.86%	15.28%	28.20%	22.90%	-6.44%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	14	7.30%	14.32%	12.16%	20.26%	-2.31%	-24.63%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	14	7.58%	14.39%	12.40%	20.75%	14.14%	0.00%
XLK	Technology Select *	Technology Equities	14	6.28%	8.22%	13.71%	26.61%	16.38%	-10.81%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	14	6.64%	8.88%	13.63%	26.66%	15.03%	-16.52%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	14	6.48%	9.95%	14.19%	26.16%	14.58%	-17.88%
VGT	Vanguard Info Technology	Technolgy Equities	13	5.98%	8.05%	12.56%	25.85%	15.62%	-13.76%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	13	6.02%	9.32%	12.70%	23.90%	13.62%	-58.73%
EWW	iShares Mexico Index	Latin America Stock	12	3.63%	9.92%	7.66%	25.70%	16.31%	-1.54%
VOX	Vanguard Telecom Serv's	Communication Equitie	12	5.96%	7.64%	10.41%	23.45%	12.25%	-32.60%
VUG	Vanguard Growth	Large Cap Growth	12	5.37%	8.79%	11.50%	22.72%	12.46%	-19.70%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	12	6.46%	13.01%	9.11%	19.18%	13.44%	0.00%
IWF	Russell 1000 Growth	Large Growth	11	4.70%	8.27%	10.04%	19.18%	11.16%	-17.51%
IGV	iShares North American Tech-Software	Technology Equities	11	4.22%	7.95%	10.10%	22.35%	13.74%	-29.90%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	11	4.65%	11.86%	8.16%	20.84%	14.92%	-15.51%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	11	5.99%	1.83%	7.58%	27.89%	16.35%	-19.91%
ILF	iShares S&P 40 Latin America	Latin America Stock	9	4.79%	14.59%	4.58%	11.84%	4.47%	-35.19%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	9	4.85%	7.60%	4.56%	18.33%	5.44%	-27.71%
EWZ	iShares Brazil Index	Latin America Stock	9	6.93%	18.49%	4.83%	7.01%	1.78%	-38.17%
EWJ	iShares Japan Index	Japan Stock	8	3.72%	6.85%	7.79%	11.79%	10.33%	-17.89%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	8	2.85%	6.68%	7.77%	12.98%	6.89%	-22.10%
EWL	iShares Switzerland Index	Europe Stock	8	0.55%	10.43%	7.65%	14.17%	11.51%	-9.71%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	8	4.16%	7.40%	3.95%	17.88%	5.85%	-27.40%
SPYG	S&P 500 Growth	Large Cap Growth	8	2.86%	6.97%	7.73%	12.99%	6.90%	-22.09%
IVW	S&P 500/BARRA Growth	Large Growth	8	2.83%	6.98%	7.66%	12.92%	6.86%	-22.11%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	8	2.34%	7.18%	3.70%	18.30%	13.09%	-6.11%
IYC	iShares US Consumer Services	Consumer Discretionar	7	3.05%	6.89%	3.25%	15.48%	5.87%	-76.25%
EWQ	iShares France Index	Europe Stock	7	-1.50%	6.31%	4.45%	17.00%	14.15%	-4.20%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	7	1.87%	8.07%	4.55%	13.40%	4.26%	-8.49%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	7	0.00%	5.25%	2.43%	18.71%	12.28%	-0.91%
FEZ	SPDR Euro Stoxx 50	Europe Stock	7	-0.59%	6.21%	5.38%	18.48%	15.45%	-7.09%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	7	0.73%	6.15%	7.24%	14.82%	11.84%	-15.60%
EWG	iShares Germany Index	Europe Stock	7	0.31%	6.02%	4.64%	17.59%	14.68%	-20.29%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	7	1.93%	8.23%	4.61%	13.52%	2.08%	-15.63%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	7	1.15%	6.75%	3.02%	16.74%	4.80%	-16.72%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	7	1.32%	6.38%	5.52%	13.78%	5.70%	-12.70%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	7	2.72%	6.87%	7.17%	12.43%	6.60%	-21.77%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	6	0.85%	7.09%	2.33%	13.08%	9.50%	0.00%
IEV	S&P Europe 350 Index	Europe Stock	6	-0.73%	6.64%	4.22%	13.45%	11.59%	-7.86%
ECH	iShares Chile Index	Latin America	6	2.95%	7.09%	5.00%	10.93%	10.33%	-46.50%

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GDX	Mkt Vector Gold Miners	Specialty-Precious Met	6	-6.40%	1.82%	16.73%	11.24%	10.99%	-28.41%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6	1.83%	6.57%	4.15%	9.55%	5.84%	-56.83%
IVV	S&P 500	Large Blend	6	1.79%	6.64%	4.62%	9.59%	6.02%	-12.25%
EWN	iShares Netherlands Index	Europe Stock	6	1.42%	4.17%	3.16%	14.74%	11.91%	-20.55%
SPY	SPDR S&P 500	Large Cap Blend	6	1.78%	6.63%	4.63%	9.62%	6.07%	-12.24%
EZU	European Monetary Union Index	Europe Stock	6	-0.78%	5.59%	4.06%	16.27%	13.44%	-10.95%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	6	1.58%	6.06%	5.76%	11.47%	7.85%	-13.17%
VV	Vanguard LargeCap	Large Cap Blend	6	1.87%	6.67%	4.62%	9.87%	6.06%	-13.69%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	6	5.10%	14.93%	1.51%	2.08%	3.08%	-51.30%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	6	1.80%	6.22%	4.62%	9.63%	6.01%	-12.31%
SCHF	Schwab International Equity	Foreign Large Cap Equ	5	-0.22%	5.73%	3.70%	10.56%	8.39%	-12.81%
VT	Vanguard Total World Stock Index	Global Equities	5	0.88%	5.71%	3.12%	8.76%	5.83%	-14.18%
VTI	Total Stock Market VIPERs	All Cap Equities	5	1.65%	6.38%	3.20%	8.89%	5.17%	-14.31%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	5	-0.04%	6.08%	4.30%	11.56%	10.11%	-10.84%
IWV	Russell 3000 Index	All Cap Equities	5	1.59%	6.20%	3.25%	8.78%	5.13%	-13.99%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	-0.07%	5.85%	3.98%	10.98%	9.62%	-12.52%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	0.96%	5.64%	5.73%	9.43%	7.03%	-10.37%
VGK	Vanguard European	Europe Equities	5	-0.68%	6.38%	3.39%	12.75%	10.90%	-11.46%
IWB	Russell 1000 Index	Large Blend	5	1.73%	6.51%	3.85%	9.25%	5.59%	-13.57%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	5	1.52%	5.98%	3.81%	8.89%	5.52%	-13.30%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	1.60%	6.32%	3.13%	8.83%	5.15%	-14.25%
EWI	iShares Italy Index	Europe Stock	5	-1.75%	5.28%	2.73%	14.74%	12.55%	-10.33%
ACWI	iShares MSCI ACWI	Global Equities	5	0.87%	5.76%	3.98%	9.46%	6.42%	-13.35%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5	-0.28%	5.73%	3.18%	9.89%	8.08%	-13.68%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	5	-7.02%	1.27%	15.58%	10.30%	10.55%	-33.25%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	1.62%	6.39%	3.26%	8.93%	5.28%	-57.08%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	4	2.46%	-0.07%	1.25%	13.15%	0.78%	-32.95%
IWP	Russell MidCap Growth	Mid-Cap Growth	4	0.79%	4.71%	0.35%	9.01%	4.83%	-26.08%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	-0.44%	4.51%	2.70%	8.48%	6.89%	-16.87%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	4	-0.80%	5.95%	1.21%	7.96%	8.01%	-16.85%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	-1.72%	6.59%	5.01%	5.17%	5.43%	-85.12%
EWD	iShares Sweden Index	Europe Stock	4	-1.48%	6.02%	0.76%	11.07%	8.80%	-27.29%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	0.93%	4.84%	3.54%	7.37%	6.19%	-19.34%
VXUS	Vanguard Total International Stock	Global Equities	4	-0.37%	4.46%	2.51%	8.16%	6.37%	-17.13%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	-0.50%	4.57%	2.79%	8.62%	7.03%	-16.44%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	4	0.34%	5.31%	4.78%	4.20%	3.88%	-8.56%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	4	-0.35%	4.53%	2.49%	8.18%	6.43%	-16.91%
EWP	iShares Spain Index	Europe Stock	4	-4.31%	3.85%	2.51%	14.81%	11.69%	-23.40%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	3	-0.47%	2.46%	1.19%	7.44%	4.75%	-23.85%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	3	-0.17%	4.48%	1.52%	7.00%	3.07%	-24.69%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	0.06%	5.19%	2.24%	3.10%	3.44%	-9.09%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	3	-0.91%	4.12%	2.05%	7.80%	5.94%	-18.81%
PIN	PowerShares India Portfolio	Emerging Markets Equi	3	2.59%	4.81%	2.69%	0.38%	-5.89%	-59.52%
IYT	Dow Jones Transportation	Transportation Equities	3	-0.19%	6.06%	-0.34%	7.06%	2.50%	-18.34%

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PPLT	ETFS Physical Platinum Shares	Precious Metals	3	-3.25%	6.90%	11.25%	-1.58%	7.97%	-18.19%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-0.62%	4.16%	0.84%	7.40%	5.33%	-23.32%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	3	-6.85%	0.66%	13.76%	6.42%	8.17%	-40.77%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3	-0.21%	5.43%	3.48%	2.66%	3.52%	-5.59%
EWU	iShares United Kingdom Index	Europe Stock	3	-1.84%	5.92%	1.72%	7.96%	7.44%	-12.62%
VBK	Vanguard SmallCap Growth	Small Cap Growth	3	0.63%	5.53%	-1.69%	8.23%	2.74%	-29.02%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	3	0.15%	5.87%	-2.74%	8.20%	4.19%	-20.51%
XLP	Consumer Staples Select *	Consumer Staples	3	-0.20%	5.74%	3.65%	1.77%	3.23%	-5.83%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3	0.10%	4.27%	1.23%	6.76%	6.38%	-23.75%
GLD	SPDR Gold Shares	Precious Metals	3	-2.28%	-2.10%	7.24%	7.19%	7.11%	-6.21%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	-1.53%	6.60%	1.43%	6.08%	2.30%	-14.61%
INDA	iShares MSCI India	Emerging Markets Equi	3	2.68%	5.71%	3.88%	-1.94%	-1.18%	-19.40%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	-0.63%	3.68%	0.62%	6.95%	4.51%	-22.57%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	-1.02%	5.24%	0.58%	7.78%	7.13%	-11.14%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	3	0.36%	6.43%	3.27%	0.18%	2.63%	-4.81%
IVE	S&P 500/BARRA Value	Large Value	3	0.59%	6.18%	1.23%	5.90%	4.64%	-3.66%
IAU	iShares Gold Trust	Precious Metals	3	-2.34%	-2.14%	7.26%	7.23%	7.14%	-5.91%
FXB	CurrencyShares British Pound	Currency	2	-0.19%	0.88%	3.22%	2.80%	3.86%	-17.92%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	2	-1.80%	5.29%	0.68%	2.73%	2.54%	-9.84%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	2	-1.54%	1.21%	1.12%	8.36%	5.64%	-36.40%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	2	0.19%	4.94%	0.79%	1.51%	3.81%	-15.35%
IWO	Russell 2000 Growth	Small Growth	2	0.56%	5.36%	-2.49%	6.34%	1.82%	-32.23%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	-0.74%	5.64%	0.27%	1.59%	1.69%	-7.38%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	0.46%	6.32%	0.86%	0.56%	1.29%	-7.07%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	2	-0.56%	4.74%	1.32%	1.43%	2.57%	-8.65%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	2	-0.09%	3.66%	-1.04%	7.14%	2.91%	-27.54%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	2	1.56%	4.93%	2.15%	0.02%	-1.36%	-21.16%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	2	-1.40%	5.52%	3.05%	0.28%	2.90%	-30.83%
IYJ	Dow Jones US Industrial	Industrial Equities	2	-0.36%	3.97%	-0.62%	3.37%	3.08%	-48.33%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	2	-1.83%	4.55%	-1.96%	6.93%	3.28%	-33.03%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	2	-0.23%	5.18%	-0.32%	3.31%	2.23%	-7.83%
VIS	Vanguard Industrials	industrials Equities	2	0.19%	4.23%	-0.91%	4.14%	3.86%	-8.34%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	2	5.80%	8.56%	-1.43%	-6.77%	0.84%	-28.97%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	-0.76%	4.81%	1.91%	1.29%	1.61%	-9.88%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	-0.62%	5.60%	1.94%	0.94%	2.16%	-4.75%
UUP	PowerShares DB US Dollar Bullish	Currency	1	2.05%	1.76%	0.25%	1.94%	-0.73%	-7.56%
PZA	Pshares Insured National Munis	National Munis	1	-0.85%	-0.34%	1.30%	1.92%	0.84%	-15.04%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	1	-0.63%	4.47%	-2.40%	4.13%	1.65%	-72.33%
RWM	ProShares Short Russell2000	Inverse Equities	1	0.37%	-3.19%	6.63%	-1.22%	1.10%	-61.50%
SLV	iShares Silver Trust	Precious Metals	1	-6.95%	1.32%	9.83%	-2.09%	6.88%	-20.15%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.04%	-1.30%	1.12%	2.42%	0.19%	-17.97%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1	-1.93%	2.35%	-1.80%	6.78%	5.73%	-26.14%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	-0.10%	-0.36%	1.64%	2.03%	-0.22%	-9.73%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	1	-1.48%	4.44%	-0.60%	0.14%	0.82%	-10.68%

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BAB	PowerShares Build America Bond Portfolio	National Munis	1	-0.89%	-0.34%	0.68%	3.38%	0.75%	-23.27%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	1	-0.82%	4.42%	-3.67%	2.59%	0.41%	-69.12%
XLI	Industrial Select Sector *	Industrial Equities	1	-0.81%	3.64%	-0.86%	1.84%	2.96%	-6.63%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	1	-0.28%	4.92%	-4.61%	2.73%	0.26%	-19.17%
JXI	iShares S&P Global Utilities	Utilities Equities	1	-3.32%	5.19%	2.71%	0.03%	0.61%	-10.82%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	1	2.53%	0.75%	-0.96%	2.25%	2.23%	-33.70%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.35%	-1.29%	2.07%	1.93%	0.61%	-15.86%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	1	0.48%	4.22%	-4.56%	4.82%	0.46%	-30.37%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-0.26%	-1.05%	2.10%	1.98%	0.87%	-12.62%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	1	3.08%	4.69%	-0.50%	-2.65%	1.38%	-10.50%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	1	-0.90%	0.92%	-0.19%	3.60%	1.89%	-30.35%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	1	-0.15%	1.62%	-1.63%	3.48%	0.46%	-27.79%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	1	-0.56%	7.99%	-5.12%	3.04%	-3.28%	-29.00%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	1	-0.62%	5.02%	-1.80%	1.17%	0.75%	-10.55%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0	-0.82%	-1.86%	2.19%	2.32%	0.20%	-20.36%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	-1.09%	0.46%	-0.59%	2.77%	1.22%	-32.80%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.55%	0.67%	-0.83%	0.74%	-0.27%	-11.78%
VHT	Vanguard Health Care	Health & Biotech Equiti	0	-1.71%	4.15%	0.54%	-2.67%	0.09%	-9.75%
IWD	Russell 1000 Value	Large Value	0	-1.45%	4.55%	-2.26%	0.10%	0.01%	-10.97%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.18%	-0.55%	1.26%	1.26%	0.70%	-8.49%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-0.40%	-1.36%	1.89%	1.75%	0.44%	-15.04%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-1.00%	1.07%	-0.62%	1.17%	-0.35%	-11.32%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.18%	-0.78%	0.90%	0.83%	0.32%	-5.71%
IJH	S&P MidCap 400	Mid-Cap Blend	0	-0.69%	4.20%	-5.24%	2.25%	0.29%	-14.87%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	-1.03%	-1.47%	1.21%	1.99%	0.00%	-17.04%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	-1.04%	0.30%	-0.80%	2.39%	0.58%	-29.35%
EWA	iShares Australia Index	Asia Pacific Equities	0	-2.89%	3.54%	-2.31%	2.65%	1.36%	-16.65%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.21%	-0.90%	0.73%	0.62%	0.16%	-6.17%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	-0.49%	-0.94%	1.33%	1.37%	0.45%	-12.24%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.22%	-0.82%	0.88%	0.78%	0.32%	-6.53%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	-0.77%	-1.49%	1.36%	1.76%	0.20%	-18.30%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-0.27%	-0.62%	0.77%	0.96%	0.47%	-8.42%
PKW	PowerShares Buyback Achievers	All Cap Equities	0	-0.11%	5.44%	-3.62%	-0.05%	0.68%	-12.83%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.80%	0.87%	0.52%	1.17%	0.57%	-11.95%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-0.42%	-0.43%	0.61%	0.90%	0.47%	-8.86%
VO	Vanguard Mid-Cap	Mid-Cap Blend	0	-1.15%	3.85%	-3.82%	2.01%	-0.10%	-20.41%
VB	Vanguard SmallCap	Small Cap Blend	0	-0.27%	4.81%	-5.35%	2.51%	-0.35%	-21.40%
RSP	Guggenheim S&P Equal Weight	Large Blend	0	-1.13%	4.29%	-3.29%	1.41%	0.33%	-12.76%
MDY	MidCap Trust Series I	Mid-Cap Blend	0	-0.77%	4.14%	-5.16%	2.28%	0.36%	-14.71%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	0	-0.84%	-1.32%	1.46%	2.16%	-0.25%	-17.19%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.14%	0.86%	-0.32%	0.44%	0.37%	-1.06%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	-0.73%	-1.44%	1.74%	2.14%	0.55%	-19.56%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0	-0.08%	1.45%	0.92%	-1.06%	-1.21%	-30.69%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	0	-0.82%	0.21%	-0.90%	2.28%	0.25%	-30.09%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EWK	iShares Belgium Index	Europe Stock	0	-3.34%	2.60%	-0.70%	3.40%	5.98%	-20.16%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.02%	-0.05%	0.02%	0.34%	0.24%	-0.96%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	0	-2.17%	4.81%	-0.29%	-2.44%	-0.48%	-10.20%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	0	-2.25%	3.72%	-0.02%	-1.77%	-0.10%	-62.16%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	-0.86%	0.50%	-0.67%	0.67%	-0.52%	-16.69%
IYH	Dow Jones US Healthcare	Specialty-Health	0	-2.11%	4.02%	0.83%	-2.94%	0.28%	-8.78%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	-1.05%	-1.69%	0.62%	1.35%	-0.13%	-17.83%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	-1.24%	-1.60%	0.81%	1.77%	0.34%	-18.82%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.69%	-1.43%	-0.02%	1.30%	-0.47%	-19.44%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	-1.01%	-1.55%	0.75%	1.43%	-0.03%	-18.56%
MUB	iShares S&P National Muni Bond	National Munis	0	-0.88%	-0.99%	0.45%	0.53%	0.27%	-10.06%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	-0.29%	-83.14%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	0	-2.64%	2.53%	-2.43%	1.31%	3.97%	-52.74%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0	-2.02%	4.09%	0.39%	-3.79%	-0.35%	-8.49%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-0.87%	-1.42%	0.00%	1.43%	-0.09%	-18.92%
FXE	CurrencyShares Euro Currency Trust	Currency	0	-1.75%	-0.61%	1.63%	0.68%	2.99%	-17.43%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	-0.96%	-1.68%	0.61%	1.40%	-0.10%	-18.68%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.77%	0.62%	-1.01%	0.74%	-0.40%	-13.22%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	0	-0.55%	3.92%	-6.38%	2.15%	-0.95%	-62.43%
IWM	Russell 2000	Small Blend	0	-0.08%	4.08%	-6.39%	1.62%	-1.63%	-26.95%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	-0.97%	0.50%	-0.62%	1.04%	-0.55%	-72.00%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	-0.70%	0.51%	-0.87%	0.29%	-0.46%	-14.62%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-1	-4.16%	-1.29%	-0.68%	1.54%	1.25%	-32.25%
VAW	Vanguard Materials VIPERS	Materials	-1	-3.36%	2.29%	-3.51%	1.43%	0.24%	-13.46%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-1	-14.52%	0.90%	17.41%	-8.94%	8.29%	-58.19%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	-2.93%	0.91%	0.00%	-1.03%	-0.16%	-28.39%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-1	-1.63%	3.49%	-4.17%	-0.64%	-1.13%	-14.43%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	-2.19%	-3.23%	0.55%	2.33%	-0.99%	-35.76%
XLB	Materials Select Sector *	Materials	-1	-3.67%	2.94%	-2.75%	0.97%	0.08%	-13.44%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1	-3.02%	-4.30%	-0.47%	2.27%	-2.34%	-40.65%
XRT	SPDR S&P Retail *	Consumer Discretionar	-1	-0.80%	2.92%	-8.93%	2.05%	-2.85%	-40.77%
IYM	Dow Jones US Basic Mat's	Materials	-1	-4.42%	1.03%	-4.19%	1.84%	0.13%	-17.50%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-1	-2.22%	4.52%	-1.44%	-4.50%	-2.20%	-28.07%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	-2.01%	-2.19%	0.08%	1.24%	-0.51%	-23.29%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-1	-1.70%	-3.19%	0.72%	0.27%	0.61%	-28.49%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	-2.09%	-1.63%	-1.58%	1.81%	1.01%	-35.38%
IWS	Russell MidCap Value	Mid-Cap Value	-1	-1.68%	4.26%	-5.86%	-0.81%	-1.98%	-15.45%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-1	-1.71%	4.40%	-6.67%	-1.39%	-3.64%	-28.68%
IYR	Dow Jones US Real Estate	Real Estate	-1	-1.88%	5.00%	-6.58%	-1.81%	-4.74%	-28.82%
KIE	SPDR S&P Insurance	Specialty-Financial	-1	-0.99%	7.09%	-6.54%	-1.90%	-0.47%	-57.19%
SDY	SPDR Dividend ETF	Large Value	-1	-2.23%	3.31%	-4.04%	-2.77%	-2.04%	-8.09%
VTV	Vanguard Value	Large Cap Value	-1	-1.86%	4.17%	-2.39%	-1.94%	-0.50%	-8.73%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-1	-1.21%	-1.47%	-1.83%	0.48%	0.13%	-39.39%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-1	-0.94%	3.86%	-8.17%	0.18%	-1.22%	-41.64%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-1	-1.88%	4.01%	-2.84%	-1.39%	-0.70%	-12.25%
DOG	ProShares Short Dow 30	Bear Market	-1	1.00%	-3.54%	-0.72%	-0.21%	-1.96%	-62.81%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	-0.74%	-1.96%	-1.84%	-0.48%	-0.61%	-28.64%
RWR	Wilshire REIT Fund	Real Estate	-1	-1.08%	6.21%	-7.08%	-0.32%	-3.89%	-28.89%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-1	-1.30%	-2.11%	-1.80%	-0.52%	-0.73%	-27.15%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-1	-3.14%	3.81%	-2.30%	-3.31%	-0.62%	-9.03%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	-3.21%	1.39%	-2.02%	0.68%	0.89%	-20.18%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	-2.78%	-3.39%	-0.39%	1.79%	-1.55%	-37.26%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-1	-3.54%	2.06%	-3.13%	0.44%	1.87%	-23.97%
IDU	Dow Jones US Utilities	Utilities Equities	-1	-4.31%	4.04%	-0.23%	-5.32%	-3.95%	-53.72%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-1	0.11%	2.99%	-5.91%	0.50%	-1.85%	-48.05%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-2	-1.90%	3.18%	-7.21%	-2.07%	-3.13%	-60.29%
VBR	Vanguard SmallCap Value	Small Cap Value	-2	-0.99%	4.07%	-8.14%	-1.56%	-2.69%	-15.82%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-2	-4.07%	2.20%	-3.78%	-2.67%	-4.16%	-33.22%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	-3.20%	-3.25%	-1.09%	1.00%	-1.70%	-32.30%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-2	-2.14%	4.05%	-6.46%	-2.49%	-2.84%	-13.91%
FXI	iShares China 25 Index	China Equities	-2	-2.67%	-3.11%	-2.54%	-0.88%	-0.46%	-48.50%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	-2.77%	1.20%	-4.32%	-2.42%	-2.57%	-38.07%
VNQ	Vanguard REIT Index	Real Estate	-2	-2.22%	3.79%	-7.69%	-2.36%	-5.61%	-30.58%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-2	-2.16%	1.96%	-5.61%	-1.48%	-2.82%	-21.87%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-2	-3.68%	1.96%	-4.50%	-0.98%	-3.26%	-27.60%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-2	-4.62%	2.87%	-1.20%	-6.17%	-4.57%	-15.06%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-2	-3.05%	2.91%	-3.88%	-4.12%	-2.38%	-9.79%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-2	-2.79%	1.58%	-4.47%	-2.56%	-2.27%	-35.29%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-2	-3.03%	3.18%	-3.37%	-5.80%	-2.83%	-13.12%
HDGE	Ranger Equity Bear	Inverse Equities	-2	-0.43%	-5.07%	7.73%	-10.78%	-5.17%	-77.16%
XLF	Financial Select Sector *	Financial Equities	-2	-1.80%	5.58%	-8.11%	-4.27%	-3.20%	-20.96%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-2	-2.06%	1.02%	-5.61%	-2.32%	-2.80%	-17.38%
SCHH	Schwab U.S. REIT	Real Estate	-2	-2.38%	4.61%	-7.19%	-2.33%	-5.16%	-64.24%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-2	-3.76%	-5.56%	-1.82%	2.51%	-3.71%	-52.39%
ICF	Cohen & Steers Realty	Real Estate	-2	-2.95%	4.08%	-7.34%	-2.81%	-5.75%	-57.69%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-2	-3.16%	2.19%	-3.31%	-2.92%	-0.93%	-17.61%
IJR	S&P Sm.Cap 600	Small Blend	-2	-0.59%	2.58%	-8.09%	0.01%	-2.44%	-21.33%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-2	-2.36%	1.76%	-4.22%	-2.58%	-2.10%	-39.50%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-2	-0.29%	3.01%	-6.26%	-4.47%	-3.15%	-13.68%
XLU	Utilities Select Sector *	Utilities Equities	-2	-4.62%	3.94%	-0.57%	-6.09%	-4.36%	-15.25%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-2	-4.83%	2.82%	-2.40%	-4.58%	-3.92%	-12.22%
EWM	iShares Malaysia Index	Emerging Markets Equi	-3	-2.18%	-1.28%	-2.75%	-5.69%	-2.32%	-40.94%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-3	-2.55%	5.47%	-8.88%	-4.65%	-3.92%	-49.83%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-3	-4.30%	0.33%	-8.31%	-1.67%	-5.33%	-25.47%
SIL	Global X Silver Miners	Commodity Producers	-3	-9.15%	-5.14%	4.46%	-0.99%	0.83%	-47.96%
IYZ	Down Jones US Telecom	Commun. Equities	-3	0.00%	-1.95%	-7.43%	-3.39%	-5.54%	-40.70%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-3	-4.80%	-7.02%	-2.90%	1.58%	-5.28%	-53.31%
IXC	S&P Global Energy	Energy Equities	-3	-5.93%	3.42%	-4.18%	-5.26%	-3.74%	-13.29%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IWN	Russell 2000 Value	Small Value	-3	-0.89%	2.56%	-10.42%	-3.27%	-5.28%	-24.17%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-3	-1.48%	2.23%	-10.38%	-0.56%	-3.09%	-47.59%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-3	-1.47%	2.83%	-5.43%	-7.11%	-5.31%	-15.96%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-3	-4.17%	1.61%	-3.05%	-5.22%	-3.28%	-10.12%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-3	-2.52%	2.39%	-7.64%	-4.56%	-3.64%	-12.79%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-3	-2.79%	4.19%	-9.96%	-3.62%	-4.15%	-25.42%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-4	-1.74%	1.35%	-10.54%	-6.07%	-6.76%	-23.95%
MCHI	iShares MSCI China	China Equities	-4	-4.82%	-5.34%	-5.50%	-2.27%	-1.90%	-52.24%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-4	-4.26%	1.89%	-7.67%	-7.78%	-6.31%	-17.91%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-4	-4.70%	1.07%	-9.10%	-1.46%	-5.62%	-27.34%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-4	-5.12%	0.54%	-9.08%	-0.54%	-5.90%	-28.12%
DBC	PowerShares DB Commodity Index	Commodities	-4	-4.73%	-0.48%	-4.25%	-7.75%	-7.18%	-25.52%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-4	-2.44%	0.92%	-10.90%	-3.13%	-4.86%	-67.75%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-4	-4.33%	1.64%	-7.46%	-4.70%	-4.28%	-14.67%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-4	-6.00%	-5.31%	-5.78%	0.00%	-2.75%	-39.61%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-4	-2.65%	2.91%	-11.68%	-5.75%	-6.18%	-17.81%
FXV	CurrencyShares Japanese Yen Trust	Currency	-4	-3.26%	-5.97%	-3.04%	-5.64%	-1.70%	-30.61%
VFH	Vanguard Financials	Financials Equities	-4	-2.86%	3.87%	-10.49%	-5.57%	-5.13%	-23.22%
EWH	iShares Hong Kong Index	China Equities	-4	-4.49%	-2.85%	-3.37%	-5.81%	-2.18%	-29.57%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	0.61%	-4.92%	-3.56%	-9.20%	-9.30%	-49.12%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-4	-6.33%	-0.04%	-5.70%	-4.49%	-3.63%	-16.57%
IGE	iShares North American Natural Resources	Commodity Producers	-4	-5.98%	2.33%	-5.08%	-7.18%	-5.45%	-16.93%
SCHD	Schwab US Dividend Equity	All Cap Equities	-4	-3.81%	0.34%	-6.43%	-6.65%	-4.48%	-13.94%
GSG	iShares GSCI Commodity Index	Commodities.	-4	-4.55%	0.73%	-4.36%	-9.14%	-7.78%	-26.77%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-5	-5.32%	0.00%	-7.49%	-7.03%	-5.69%	-13.25%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-5	-4.81%	0.90%	-8.52%	-8.17%	-6.79%	-15.48%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	-1.34%	-5.26%	-4.09%	-7.86%	-5.44%	-64.54%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-5	-2.50%	-4.83%	-5.90%	-7.53%	-3.39%	-31.65%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-5	-5.36%	7.95%	-14.86%	-7.50%	-12.99%	-53.97%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-5	-6.57%	-0.12%	-6.22%	-7.06%	-4.99%	-17.43%
DVY	iShares Select Dividend Index	Large Cap Value	-5	-5.41%	1.02%	-8.70%	-7.29%	-6.18%	-15.39%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-5	-4.78%	-1.32%	-5.07%	-8.17%	-9.79%	-28.51%
DJP	Bloomberg Commodity Index	Commodities	-5	-5.17%	-0.56%	-4.61%	-10.29%	-8.70%	-26.60%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-5	-5.31%	2.47%	-7.23%	-11.52%	-10.15%	-22.45%
XLE	Energy Select Sector *	Energy Equities	-6	-7.55%	1.86%	-6.77%	-9.65%	-6.46%	-16.00%
VDE	Vanguard Energy VIPERS	Energy Equities	-6	-6.90%	0.91%	-7.10%	-9.94%	-7.19%	-17.18%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-6	-5.87%	-2.53%	-9.29%	-4.94%	-6.91%	-24.67%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-6	-7.53%	1.27%	-7.08%	-10.50%	-7.77%	-17.60%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-6	-5.17%	-0.25%	-8.84%	-8.80%	-6.70%	-13.93%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-6	-4.09%	1.83%	-8.25%	-12.11%	-10.90%	-22.58%
EZA	iShares South Africa Index	Emerging Markets Equi	-8	-10.63%	-5.25%	-7.40%	-8.58%	-7.05%	-48.97%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-8	-5.88%	1.89%	-18.34%	-11.65%	-11.06%	-25.55%
XME	SPDR S&P Metals & Mining	Commodity Producers	-8	-8.27%	-5.27%	-12.97%	-5.12%	-7.18%	-28.23%
PSQ	ProShares Short QQQ	Inverse Equities	-11	-5.96%	-7.38%	-11.86%	-20.72%	-13.66%	-79.02%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	-11	6.55%	4.18%	-7.31%	-46.95%	-51.91%	-91.53%
KBE	SPDR S&P Bank	Specialty-Financial	-14	-6.19%	-0.31%	-27.55%	-22.46%	-21.51%	-42.05%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-15	-12.25%	-13.23%	-14.04%	-20.05%	-4.26%	-37.22%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-15	-7.41%	0.23%	-28.57%	-22.59%	-21.47%	-47.25%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-20	-8.19%	-5.49%	-35.27%	-32.04%	-29.85%	-49.33%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-25	-0.94%	3.79%	-53.87%	-49.63%	-44.43%	-56.31%
SMH	VanEch Vectors Semiconductor	Technology Equities	-43	-46.58%	-48.19%	-44.73%	-33.95%	-38.48%	-57.66%