

HV ETF Master List as of 06/08/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	24	18.80%	15.85%	16.19%	44.05%	27.63%	-7.65%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	21	18.14%	14.59%	13.43%	39.54%	24.74%	-12.61%
IYW	Dow Jones US Technology	Technology Equities	19	9.75%	12.20%	16.96%	39.03%	23.62%	-11.56%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	17	8.26%	10.61%	15.10%	32.62%	19.26%	-12.58%
XLK	Technology Select *	Technology Equities	17	9.29%	10.51%	14.99%	32.75%	20.47%	-6.49%
VGT	Vanguard Info Technology	Technolgy Equities	16	8.83%	10.11%	14.53%	31.63%	19.52%	-9.80%
ITB	iShares DJ US Home Construction	Building and Constructi	15	3.43%	12.28%	15.20%	29.92%	21.88%	-5.19%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	15	6.34%	9.46%	14.71%	30.36%	17.47%	-15.14%
IGV	iShares North American Tech-Software	Technology Equities	15	9.88%	8.09%	13.95%	27.92%	17.82%	-26.70%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	15	6.97%	9.15%	14.57%	28.80%	17.18%	-57.10%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	15	7.20%	10.88%	16.53%	23.39%	15.09%	-2.21%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	14	7.09%	10.81%	16.29%	23.05%	1.68%	-22.88%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	14	5.45%	12.11%	13.77%	24.35%	16.89%	-13.05%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	14	7.46%	10.64%	15.28%	22.97%	15.42%	-1.85%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	13	7.57%	9.31%	12.01%	24.16%	11.08%	-24.15%
VUG	Vanguard Growth	Large Cap Growth	13	6.09%	8.20%	12.97%	26.69%	15.37%	-17.10%
IWF	Russell 1000 Growth	Large Growth	12	5.66%	7.35%	12.05%	22.79%	13.83%	-15.01%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	12	6.39%	8.06%	10.77%	22.55%	10.33%	-24.53%
VOX	Vanguard Telecom Serv's	Communication Equities	12	5.45%	4.79%	11.52%	25.86%	13.91%	-31.29%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	10	9.32%	2.58%	11.19%	16.25%	12.47%	-31.76%
EWW	iShares Mexico Index	Latin America Stock	10	-0.02%	2.93%	11.25%	25.78%	14.03%	-1.47%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	10	8.87%	4.78%	8.25%	17.95%	5.79%	-30.10%
ILF	iShares S&P 40 Latin America	Latin America Stock	10	4.18%	5.43%	14.62%	15.42%	7.64%	-33.11%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	4.65%	4.94%	10.52%	16.16%	9.84%	-19.91%
IYC	iShares US Consumer Services	Consumer Discretionary	9	4.77%	5.33%	9.06%	18.40%	8.55%	-75.65%
EWZ	iShares Brazil Index	Latin America Stock	9	4.97%	5.83%	15.57%	10.94%	5.85%	-35.90%
SPYG	S&P 500 Growth	Large Cap Growth	9	4.66%	4.94%	10.41%	16.14%	9.83%	-19.91%
IVW	S&P 500/BARRA Growth	Large Growth	9	4.38%	4.67%	10.18%	15.81%	9.54%	-20.12%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	4.40%	4.46%	9.93%	15.27%	9.25%	-19.79%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	8	2.45%	10.94%	12.64%	6.17%	7.20%	-49.35%
IWO	Russell 2000 Growth	Small Growth	8	7.25%	5.50%	8.19%	11.72%	7.07%	-28.81%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	4.27%	3.63%	7.78%	11.46%	7.46%	-12.18%
IWB	Russell 1000 Index	Large Blend	7	4.02%	3.55%	7.93%	11.69%	7.68%	-11.65%
IVV	S&P 500	Large Blend	7	3.80%	3.47%	7.99%	11.83%	7.87%	-10.45%
VBK	Vanguard SmallCap Growth	Small Cap Growth	7	5.39%	3.54%	7.10%	11.91%	6.31%	-26.61%
IWV	Russell 3000 Index	All Cap Equities	7	4.23%	3.61%	7.84%	11.38%	7.42%	-11.93%
EWJ	iShares Japan Index	Japan Stock	7	2.69%	4.48%	9.74%	13.01%	10.46%	-17.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	7	3.72%	3.20%	7.77%	13.33%	9.00%	-11.72%
SPY	SPDR S&P 500	Large Cap Blend	7	4.12%	3.79%	8.34%	12.21%	8.25%	-10.17%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	7	4.15%	3.84%	8.39%	12.25%	8.22%	-10.22%
VV	Vanguard LargeCap	Large Cap Blend	7	4.23%	3.99%	8.47%	12.62%	8.39%	-11.53%

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SCHB	Schwab U.S. Broad Market	All Cap Equities	7	4.55%	3.98%	8.23%	11.87%	7.89%	-55.91%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	4.32%	4.00%	8.42%	12.31%	8.22%	-55.74%
VTI	Total Stock Market VIPERs	All Cap Equities	7	4.40%	3.91%	8.07%	11.77%	7.72%	-12.05%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	7.14%	4.86%	6.92%	9.84%	5.54%	-27.03%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	6	3.29%	2.89%	7.29%	10.80%	7.09%	-11.79%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6	3.06%	1.84%	7.04%	10.86%	7.79%	-9.20%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	0.47%	0.38%	5.66%	15.55%	3.56%	-17.57%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	6	7.19%	3.81%	5.65%	7.04%	4.11%	-60.63%
IWP	Russell MidCap Growth	Mid-Cap Growth	6	4.03%	2.07%	5.58%	10.91%	6.37%	-24.79%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	6	0.64%	1.25%	6.22%	17.00%	9.92%	-7.14%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	6	1.19%	1.87%	7.50%	13.04%	2.05%	-15.99%
IWM	Russell 2000	Small Blend	6	7.78%	4.70%	6.00%	6.99%	4.00%	-23.10%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	6	8.16%	4.32%	5.03%	5.67%	3.63%	-45.38%
VIS	Vanguard Industrials	industrials Equities	6	4.96%	4.28%	5.97%	7.45%	6.75%	-5.42%
VT	Vanguard Total World Stock Index	Global Equities	6	2.68%	2.03%	7.39%	10.56%	7.17%	-12.76%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equi	6	1.22%	1.96%	7.53%	13.00%	3.78%	-8.81%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	5	-0.09%	-0.81%	3.83%	17.35%	9.27%	-2.04%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	4.29%	1.94%	5.43%	6.90%	4.38%	-71.59%
IJR	S&P Sm.Cap 600	Small Blend	5	7.71%	3.26%	3.61%	4.80%	2.63%	-17.57%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	5	2.07%	1.65%	7.58%	9.01%	7.23%	-18.11%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	5	3.15%	1.08%	6.50%	10.33%	7.29%	-21.80%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	4.12%	1.45%	4.72%	9.61%	5.30%	-25.87%
EWN	iShares Netherlands Index	Europe Stock	5	0.50%	-0.96%	5.40%	13.24%	8.72%	-21.59%
PIN	PowerShares India Portfolio	Emerging Markets Equit	5	2.50%	5.03%	8.10%	4.04%	-1.43%	-58.04%
ACWI	iShares MSCI ACWI	Global Equities	5	1.69%	1.02%	6.84%	10.17%	6.60%	-12.79%
MDY	MidCap Trust Series I	Mid-Cap Blend	5	5.25%	2.38%	5.26%	5.64%	3.72%	-11.91%
VB	Vanguard SmallCap	Small Cap Blend	5	6.21%	3.32%	5.90%	6.43%	3.72%	-18.39%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	5	2.74%	2.30%	5.06%	9.11%	4.83%	-19.84%
IYT	Dow Jones Transportation	Transportation Equities	5	3.97%	3.88%	4.84%	9.15%	4.77%	-16.74%
FEZ	SPDR Euro Stoxx 50	Europe Stock	5	-0.99%	-2.44%	7.21%	16.85%	11.45%	-8.37%
IVE	S&P 500/BARRA Value	Large Value	5	3.13%	2.18%	5.61%	7.52%	5.76%	-2.19%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	4	1.78%	3.18%	7.95%	2.74%	1.52%	-19.02%
INDA	iShares MSCI India	Emerging Markets Equit	4	1.86%	4.66%	9.12%	1.17%	2.18%	-16.84%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	4	8.20%	2.08%	2.04%	2.04%	0.81%	-66.03%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	-0.04%	-0.80%	6.76%	9.91%	7.16%	-13.66%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4	7.31%	2.08%	2.21%	3.81%	1.55%	-45.29%
ECH	iShares Chile Index	Latin America	4	-2.69%	1.98%	7.95%	8.27%	7.10%	-47.78%
SCHF	Schwab International Equity	Foreign Large Cap Equi	4	0.08%	-0.56%	7.28%	10.65%	7.50%	-12.73%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4	5.67%	2.37%	4.24%	3.52%	2.21%	-39.69%
IJH	S&P MidCap 400	Mid-Cap Blend	4	5.00%	2.15%	4.88%	5.30%	3.36%	-12.33%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	4	-1.09%	0.00%	5.55%	12.15%	3.95%	-13.95%
VXUS	Vanguard Total International Stock	Global Equities	4	0.37%	-0.57%	6.40%	8.72%	6.29%	-16.70%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	3.15%	2.03%	4.51%	6.34%	3.43%	-25.79%
VBR	Vanguard SmallCap Value	Small Cap Value	4	6.95%	3.20%	5.00%	2.68%	1.88%	-12.21%

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VEU	Vanguard FTSE All-World ex-US	Global Equities	4	0.41%	-0.44%	6.44%	8.72%	6.30%	-16.50%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	3.23%	1.21%	5.46%	5.22%	4.01%	-6.13%
IYJ	Dow Jones US Industrial	Industrial Equities	4	3.63%	1.81%	4.78%	5.09%	4.57%	-47.47%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	4	3.17%	1.72%	4.79%	8.09%	4.12%	-23.92%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	4	-0.27%	-0.05%	6.11%	11.79%	7.04%	-1.53%
VGK	Vanguard European	Europe Equities	4	-1.34%	-2.00%	6.78%	11.62%	8.33%	-12.35%
XLI	Industrial Select Sector *	Industrial Equities	4	4.33%	2.72%	4.47%	4.54%	5.34%	-4.15%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4	2.21%	1.77%	7.00%	5.41%	5.08%	-7.49%
IWN	Russell 2000 Value	Small Value	4	8.22%	3.69%	3.40%	1.97%	0.62%	-20.06%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	4.39%	2.28%	5.24%	5.40%	3.07%	-17.08%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	4	-1.57%	-1.57%	6.44%	12.63%	8.38%	-17.20%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	3.26%	1.00%	4.94%	3.22%	2.84%	-8.74%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	3	0.36%	-0.97%	5.61%	8.28%	6.64%	-10.72%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	3	5.14%	1.05%	3.65%	0.88%	0.25%	-59.10%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	3	3.31%	0.86%	4.17%	4.54%	2.49%	-68.53%
RWR	Wilshire REIT Fund	Real Estate	3	1.56%	3.33%	3.21%	3.67%	1.04%	-26.04%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	3	0.06%	2.15%	3.91%	6.23%	1.18%	-26.80%
PKW	PowerShares Buyback Achievers	All Cap Equities	3	3.48%	0.99%	4.48%	1.18%	1.84%	-11.76%
EWI	iShares Italy Index	Europe Stock	3	-2.78%	-4.04%	5.99%	12.95%	8.57%	-11.72%
EZU	European Monetary Union Index	Europe Stock	3	-2.97%	-4.32%	4.63%	12.72%	7.99%	-13.66%
FXO	1st Trust Financials AlphaDEX	Financial Equities	3	11.09%	1.80%	4.66%	-6.30%	-4.69%	-21.05%
EWP	iShares Spain Index	Europe Stock	3	-1.92%	-4.63%	4.63%	14.06%	9.08%	-23.90%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	3	6.24%	7.65%	4.69%	-7.32%	-0.71%	-29.40%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	1.49%	0.85%	5.08%	3.74%	3.87%	-8.52%
EWG	iShares Germany Index	Europe Stock	3	-3.38%	-4.08%	4.40%	13.14%	8.10%	-23.30%
EWD	iShares Sweden Index	Europe Stock	3	-2.37%	-2.66%	5.51%	9.59%	6.13%	-28.26%
VO	Vanguard Mid-Cap	Mid-Cap Blend	3	3.34%	0.72%	3.81%	4.23%	2.34%	-18.67%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	3	1.84%	-0.61%	5.14%	5.52%	3.78%	-29.05%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-0.32%	-1.88%	5.15%	7.69%	5.17%	-23.12%
VVO	Vanguard Emerging Markets	Emerging Markets Equit	3	1.72%	-0.32%	4.65%	4.54%	2.95%	-27.86%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	3	1.72%	-0.63%	4.86%	4.70%	3.20%	-31.54%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	0.45%	-1.19%	5.54%	7.85%	5.05%	-21.93%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	3	1.56%	-0.24%	4.49%	4.31%	2.52%	-28.70%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	2	1.70%	-0.55%	3.42%	2.36%	3.79%	-14.65%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	2	3.82%	0.37%	4.09%	1.44%	1.16%	-12.65%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	2	4.32%	1.70%	4.01%	-2.51%	-0.79%	-11.92%
FXB	CurrencyShares British Pound	Currency	2	0.40%	0.10%	3.56%	3.88%	4.46%	-17.06%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	2	5.42%	2.27%	3.69%	-1.43%	-1.54%	-23.73%
IYF	Dow Jones US Financial Sector	Specialty-Financial	2	4.77%	2.46%	4.22%	-2.44%	-1.32%	-48.66%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	2	1.36%	-2.00%	3.15%	3.50%	2.73%	-34.31%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	-1.22%	-2.24%	4.93%	7.29%	4.98%	-17.78%
EWL	iShares Switzerland Index	Europe Stock	2	-4.98%	-2.77%	6.70%	9.73%	6.00%	-13.22%
IWS	Russell MidCap Value	Mid-Cap Value	2	2.95%	0.21%	3.38%	1.14%	0.36%	-13.80%
IEV	S&P Europe 350 Index	Europe Stock	2	-3.63%	-4.43%	4.90%	9.67%	6.33%	-10.92%

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ITA	iShares DJ US Aerospace&Defense	Industrials Equities	2	3.89%	-1.23%	2.24%	3.21%	5.34%	-51.86%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	2	1.64%	-0.46%	4.81%	2.26%	3.17%	-7.90%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	2	-1.33%	-1.49%	4.74%	8.08%	5.86%	-18.60%
IWD	Russell 1000 Value	Large Value	2	2.22%	-0.41%	3.69%	1.43%	1.46%	-9.79%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	2	-2.22%	-2.56%	5.37%	9.14%	6.47%	-12.77%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	2	-2.45%	-2.77%	4.95%	8.39%	5.89%	-14.57%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	-1.33%	-2.34%	5.01%	7.30%	4.96%	-17.45%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	0.34%	0.23%	3.66%	1.97%	2.10%	-7.03%
XRT	SPDR S&P Retail *	Consumer Discretionary	2	2.09%	0.39%	0.73%	3.28%	-0.88%	-40.06%
UUP	PowerShares DB US Dollar Bullish	Currency	2	1.68%	3.16%	0.11%	2.09%	-0.41%	-7.43%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	2	3.32%	4.30%	2.70%	-2.69%	0.69%	-10.54%
XLB	Materials Select Sector *	Materials	2	2.18%	-2.28%	3.86%	2.55%	1.59%	-12.08%
VAW	Vanguard Materials VIPERS	Materials	2	2.57%	-1.99%	3.71%	3.19%	1.93%	-11.96%
VFH	Vanguard Financials	Financials Equities	2	5.73%	2.54%	3.51%	-2.93%	-2.00%	-21.07%
SLV	iShares Silver Trust	Precious Metals	2	0.45%	-6.07%	11.95%	1.27%	8.69%	-17.41%
RPV	Guggenheim S&P 500 Pure Value	Large Value	2	6.18%	0.20%	4.15%	-2.19%	-2.07%	-14.72%
RSP	Guggenheim S&P Equal Weight	Large Blend	2	2.70%	0.01%	3.51%	2.89%	1.90%	-11.49%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	1	4.26%	-1.63%	-0.26%	2.77%	-1.95%	-25.73%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	0.06%	-0.91%	1.40%	1.87%	1.25%	-11.34%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	1	-2.78%	-3.65%	3.92%	5.19%	4.13%	-18.99%
EWQ	iShares France Index	Europe Stock	1	-4.83%	-6.08%	3.61%	11.87%	7.17%	-8.41%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.26%	0.36%	1.36%	0.54%	0.42%	-0.96%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	1.86%	-0.71%	2.99%	-0.29%	0.59%	-11.27%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	1	0.99%	-0.70%	2.66%	0.04%	0.55%	-29.92%
XLF	Financial Select Sector *	Financial Equities	1	3.47%	1.78%	3.53%	-3.10%	-1.71%	-19.99%
VTV	Vanguard Value	Large Cap Value	1	2.13%	-0.56%	3.57%	-0.38%	1.14%	-7.27%
SCHH	Schwab U.S. REIT	Real Estate	1	0.99%	0.57%	0.99%	0.78%	-0.87%	-63.10%
VNQ	Vanguard REIT Index	Real Estate	1	1.37%	0.84%	0.90%	0.82%	-1.18%	-28.32%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1	-2.83%	-2.65%	2.98%	4.62%	3.60%	-25.28%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	3.97%	-1.42%	1.77%	0.78%	-0.16%	-20.07%
EWC	iShares Canada Index	Foreign Large Cap Equi	1	-2.29%	-3.80%	4.40%	4.31%	0.68%	-16.04%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	1	0.03%	-13.82%	21.67%	-3.31%	12.02%	-55.61%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	3.34%	-0.04%	2.25%	-0.45%	-0.57%	-15.79%
EWU	iShares United Kingdom Index	Europe Stock	1	-3.03%	-4.41%	4.50%	5.32%	3.97%	-14.76%
KBE	SPDR S&P Bank	Specialty-Financial	1	17.29%	2.79%	0.11%	-15.99%	-12.92%	-37.21%
GLD	SPDR Gold Shares	Precious Metals	1	-2.46%	-3.79%	2.22%	7.60%	6.52%	-5.86%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	0.48%	-0.14%	1.03%	1.55%	0.59%	-11.08%
IYR	Dow Jones US Real Estate	Real Estate	1	0.72%	0.40%	0.98%	0.68%	-1.09%	-27.02%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	2.59%	0.03%	2.94%	-0.48%	-0.37%	-12.13%
IAU	iShares Gold Trust	Precious Metals	1	-2.46%	-3.75%	2.25%	7.69%	6.60%	-5.50%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	4.89%	-1.02%	-0.41%	1.32%	-2.27%	-25.29%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	1	-0.26%	-0.73%	1.59%	2.41%	2.14%	-38.22%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	1	1.37%	-0.65%	3.19%	0.80%	1.53%	-10.10%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1	-2.14%	-3.57%	2.17%	6.03%	4.35%	-26.66%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	1	-0.21%	-1.13%	0.39%	5.23%	1.80%	-34.10%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	1	3.63%	-1.85%	-0.36%	0.88%	-2.08%	-23.54%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	1	0.19%	1.25%	1.77%	1.37%	0.01%	-26.68%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	0	-5.91%	-12.07%	8.16%	10.05%	7.87%	-29.17%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	-0.56%	-0.93%	0.82%	0.80%	0.83%	-27.72%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.24%	-0.65%	0.86%	1.40%	0.34%	-12.65%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	0.01%	-0.95%	1.21%	1.45%	0.41%	-16.04%
SDY	SPDR Dividend ETF	Large Value	0	1.71%	-0.66%	1.46%	-1.44%	-0.31%	-6.82%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	0	-0.77%	-0.46%	0.53%	1.80%	-0.07%	-9.94%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	0.07%	-0.75%	0.59%	0.81%	0.12%	-14.18%
PZA	Pshares Insured National Munis	National Munis	0	-0.63%	-2.08%	0.43%	2.66%	1.61%	-14.43%
ACWW	iShares Edge MSCI Min Vol Global	Global Equities	0	-2.71%	-2.10%	3.48%	2.14%	1.71%	-10.37%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	0	2.94%	-0.55%	0.31%	-2.58%	-1.18%	-10.98%
IYM	Dow Jones US Basic Mat's	Materials	0	1.11%	-4.59%	1.29%	2.28%	0.45%	-17.15%
KIE	SPDR S&P Insurance	Specialty-Financial	0	0.38%	-0.12%	2.59%	-2.22%	-0.87%	-57.33%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	0.29%	-0.81%	0.92%	1.51%	0.08%	-11.02%
BNDX	Vanguard Total International Bond	Total Bond Market	0	-0.92%	-0.27%	-0.21%	2.55%	0.49%	-17.87%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	-0.08%	-1.10%	1.26%	1.77%	0.36%	-71.80%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-1.06%	-0.98%	0.56%	0.64%	0.27%	-9.11%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	0	-3.82%	-12.84%	9.28%	6.65%	6.79%	-40.64%
ICF	Cohen & Steers Realty	Real Estate	0	0.33%	-0.51%	0.11%	-0.09%	-1.74%	-56.51%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	-2.18%	-1.82%	-0.56%	3.07%	0.72%	-23.50%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.15%	-0.13%	-0.07%	0.17%	0.06%	-1.13%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	0	-1.49%	-2.47%	2.41%	0.28%	0.69%	-10.78%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	0	1.53%	-3.90%	2.40%	-1.62%	-2.29%	-32.49%
FXN	1st Trust Energy AlphaDEX	Energy Equities	0	7.25%	-3.54%	4.02%	-9.13%	-6.75%	-19.95%
RSX	Market Vectors Russia	Emerging Markets Equit	0	0.00%	0.00%	0.00%	-0.53%	-0.25%	-83.14%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-1.31%	-0.95%	-0.05%	0.78%	0.28%	-8.92%
VDE	Vanguard Energy VIPERS	Energy Equities	0	5.03%	-5.35%	4.97%	-6.44%	-3.32%	-13.96%
FXE	CurrencyShares Euro Currency Trust	Currency	0	-1.30%	-2.46%	1.52%	0.68%	2.42%	-17.43%
VYM	Vanguard High Div. Yield Index	Large Cap Value	0	1.99%	-1.66%	2.03%	-2.67%	-0.68%	-8.43%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	0	-0.92%	-1.17%	0.70%	0.74%	0.69%	-26.23%
FLT	Fidelity Limited Term Bond	Corporate Bonds	0	-1.19%	-0.92%	0.17%	0.63%	0.22%	-8.72%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-1	-3.45%	-1.83%	2.43%	0.31%	1.10%	-7.75%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	-1.96%	-1.75%	-0.82%	1.28%	-0.04%	-18.69%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	-2.30%	-1.63%	-0.52%	1.15%	0.03%	-16.51%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-1	0.64%	-1.16%	-0.04%	-2.77%	-5.61%	-51.61%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-1.11%	-0.96%	-0.58%	0.24%	-0.14%	-7.03%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-1	-1.71%	-2.53%	1.36%	-1.19%	-0.74%	-37.29%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-1	-2.61%	-1.54%	3.17%	-1.37%	-0.45%	-8.85%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1	-1.70%	-1.63%	-1.05%	0.92%	-0.48%	-19.74%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-1	2.94%	0.06%	-0.98%	-4.23%	-4.09%	-22.46%
VHT	Vanguard Health Care	Health & Biotech Equiti	-1	-1.53%	-3.45%	2.45%	-2.96%	-0.26%	-10.02%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-1	-1.72%	-2.03%	-0.06%	1.69%	0.43%	-18.88%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-1	-2.23%	-2.00%	-0.55%	1.53%	0.16%	-20.04%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-1.15%	-1.01%	-0.72%	0.04%	-0.31%	-6.71%
SCHD	Schwab US Dividend Equity	All Cap Equities	-1	2.86%	-2.48%	0.36%	-4.81%	-2.21%	-12.24%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-1	-2.47%	-2.84%	-0.53%	0.49%	0.86%	-28.33%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-1	-7.40%	-13.25%	6.76%	8.15%	6.46%	-34.55%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-1	-1.39%	-1.43%	-0.52%	1.28%	0.06%	-19.03%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-1	-1.84%	-1.77%	-0.67%	1.20%	-0.01%	-18.75%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	-2.32%	-1.66%	-0.58%	0.98%	-0.10%	-15.69%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-1	-2.61%	-4.26%	3.88%	-1.17%	1.03%	-31.83%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-1	-1.76%	-1.72%	-0.67%	1.23%	0.00%	-18.82%
MUB	iShares S&P National Muni Bond	National Munis	-1	-0.97%	-1.78%	-0.37%	0.85%	0.61%	-9.77%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-1	-1.75%	-1.69%	-0.69%	1.25%	0.03%	-17.91%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-1	-2.31%	-2.40%	-0.75%	0.22%	-1.59%	-26.73%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-1	13.12%	1.28%	-0.58%	-17.47%	-14.30%	-43.76%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-1	21.91%	2.11%	-4.65%	-24.99%	-20.02%	-44.07%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-1	-1.79%	-2.47%	-0.38%	1.53%	0.03%	-23.08%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	-2.62%	-3.41%	-2.03%	2.17%	-0.63%	-37.03%
XLE	Energy Select Sector *	Energy Equities	-1	4.31%	-6.08%	4.58%	-6.51%	-3.09%	-13.07%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	-1	-1.78%	-2.23%	-0.49%	1.33%	-0.18%	-17.58%
DOG	ProShares Short Dow 30	Bear Market	-1	-1.28%	1.29%	-4.06%	-0.81%	-2.35%	-63.04%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1	-1.07%	-3.41%	1.81%	-1.72%	-0.33%	-62.14%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	-2.78%	-2.13%	-0.83%	1.58%	-0.18%	-20.94%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bond	-1	-1.79%	-2.05%	-0.32%	1.45%	-0.42%	-17.76%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	-1	-2.11%	-1.45%	-0.36%	1.24%	0.27%	-13.27%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	-1	-1.68%	-1.39%	-0.16%	0.88%	0.10%	-12.67%
IGE	iShares North American Natural Resources	Commodity Producers	-1	2.57%	-5.96%	4.49%	-4.97%	-2.91%	-14.95%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-1.07%	-0.92%	-0.53%	0.32%	-0.10%	-6.19%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	1.21%	-3.62%	2.68%	-5.04%	-2.49%	-14.08%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-1	-4.26%	-3.81%	1.74%	1.26%	1.15%	-85.67%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-1	1.64%	-3.89%	0.18%	-3.40%	-2.44%	-13.51%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-2	-1.78%	-4.16%	1.98%	-4.29%	-0.94%	-8.97%
BBH	VanEck Vectors Biotech	Health & Biotech	-2	-0.75%	-5.37%	0.09%	-1.00%	-0.55%	-28.36%
XME	SPDR S&P Metals & Mining	Commodity Producers	-2	3.02%	-8.41%	-2.21%	-2.07%	-3.71%	-25.92%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-2	2.55%	-4.28%	-0.51%	-6.89%	-4.15%	-12.13%
XLP	Consumer Staples Select *	Consumer Staples	-2	-4.67%	-3.21%	0.81%	-1.77%	-0.33%	-9.11%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-2	-3.13%	-4.45%	-4.17%	3.40%	-1.83%	-51.98%
EWA	iShares Australia Index	Asia Pacific Equities	-2	-2.61%	-5.53%	1.27%	0.67%	-0.75%	-18.26%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-2	-2.29%	-2.78%	1.23%	-3.18%	-0.84%	-10.88%
JXI	iShares S&P Global Utilities	Utilities Equities	-2	-4.00%	-4.71%	1.01%	-0.73%	0.36%	-11.50%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-2	-4.19%	-2.60%	1.77%	-2.85%	-0.42%	-7.68%
IYH	Dow Jones US Healthcare	Specialty-Health	-2	-2.06%	-4.29%	1.88%	-3.61%	-0.55%	-9.41%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-2	2.38%	-3.34%	-1.17%	-6.33%	-4.09%	-13.79%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	-2	-2.81%	-4.70%	-5.09%	2.97%	-2.70%	-52.67%
IXC	S&P Global Energy	Energy Equities	-2	0.87%	-7.29%	4.80%	-4.80%	-3.22%	-12.86%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-2	-0.38%	-2.82%	0.72%	-3.63%	-1.15%	-9.32%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-2	-2.91%	-3.02%	-0.80%	-2.76%	-1.66%	-39.62%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-2	5.12%	-6.32%	4.12%	-9.06%	-6.84%	-20.29%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-2	1.08%	-3.48%	0.15%	-6.25%	-3.87%	-16.55%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-2	0.95%	-4.18%	1.11%	-4.13%	-1.86%	-9.08%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2	-3.09%	-3.39%	-2.32%	2.14%	-0.59%	-35.88%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-2	-1.19%	-3.44%	-0.37%	-2.71%	-1.16%	-10.50%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-2	3.93%	-6.53%	3.48%	-7.92%	-4.76%	-15.23%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-2	-2.36%	-3.62%	-1.71%	1.58%	-0.69%	-31.91%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-2	1.86%	-4.59%	0.23%	-5.53%	-3.59%	-11.84%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	-2.94%	-3.76%	-3.05%	2.51%	-1.32%	-40.51%
FXI	iShares China 25 Index	China Equities	-2	-2.63%	-4.40%	0.40%	-1.80%	-0.75%	-48.98%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-3	-3.00%	-3.86%	-1.31%	-3.13%	-2.23%	-35.67%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	-3	-1.48%	-4.72%	1.68%	-5.67%	-3.11%	-28.95%
IYZ	Down Jones US Telecom	Commun. Equities	-3	1.08%	-5.76%	-3.79%	-3.74%	-4.66%	-40.91%
EZA	iShares South Africa Index	Emerging Markets Equit	-3	1.99%	-8.59%	1.32%	-5.92%	-3.80%	-47.49%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-3	0.44%	-5.42%	-1.35%	-7.39%	-7.69%	-27.91%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-3	-7.52%	-3.67%	3.57%	-5.82%	2.01%	-21.71%
XLU	Utilities Select Sector *	Utilities Equities	-3	-2.72%	-4.15%	-1.24%	-5.28%	-2.38%	-14.52%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	-3	-4.11%	-2.69%	-1.68%	-1.91%	-1.73%	-36.40%
IDU	Dow Jones US Utilities	Utilities Equities	-3	-3.03%	-4.24%	-1.24%	-4.93%	-2.46%	-53.54%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-3	-1.53%	-5.26%	-0.10%	-3.33%	-1.33%	-17.95%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-3	-0.82%	-8.37%	0.46%	-5.10%	-4.07%	-17.11%
GSG	iShares GSCI Commodity Index	Commodities.	-3	1.46%	-7.17%	1.94%	-8.48%	-6.03%	-26.23%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-3	0.88%	1.84%	-6.01%	-8.45%	-7.50%	-48.70%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-3	0.47%	-7.46%	1.32%	-6.17%	-3.71%	-16.64%
DVY	iShares Select Dividend Index	Large Cap Value	-3	1.38%	-4.83%	-1.23%	-6.09%	-4.20%	-14.29%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-3	-2.11%	-4.30%	0.93%	-5.46%	-2.15%	-12.81%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-3	-3.41%	-5.94%	-0.07%	-1.24%	-1.13%	-21.70%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-3	-2.32%	-3.97%	-1.31%	-5.11%	-2.35%	-14.10%
EWH	iShares Hong Kong Index	China Equities	-4	-2.82%	-6.20%	-2.04%	-6.38%	-2.45%	-30.00%
EWK	iShares Belgium Index	Europe Stock	-4	-5.87%	-7.54%	-0.28%	-0.73%	0.81%	-23.35%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-4	-6.00%	-7.44%	-1.27%	-0.85%	-1.49%	-33.84%
DBC	PowerShares DB Commodity Index	Commodities	-4	-0.22%	-6.71%	0.22%	-7.51%	-5.98%	-25.32%
DJP	Bloomberg Commodity Index	Commodities	-4	0.53%	-6.20%	-0.52%	-9.76%	-6.79%	-26.17%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	-4	-4.20%	-7.19%	-1.34%	-2.54%	-1.26%	-26.23%
FXY	CurrencyShares Japanese Yen Trust	Currency	-4	-3.24%	-4.59%	-4.08%	-5.79%	-1.76%	-30.73%
MCHI	iShares MSCI China	China Equities	-5	-3.94%	-7.53%	-3.48%	-4.11%	-3.18%	-53.13%
SIL	Global X Silver Miners	Commodity Producers	-5	-4.75%	-15.98%	1.06%	-1.67%	-0.84%	-48.31%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-5	-2.29%	-7.48%	-3.71%	-6.09%	-7.07%	-25.59%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	-5	-5.08%	-6.05%	-2.10%	-8.14%	-3.92%	-32.10%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-3.40%	-2.62%	-7.35%	-9.61%	-6.96%	-65.21%
RWM	ProShares Short Russell2000	Inverse Equities	-6	-7.24%	-4.11%	-5.91%	-6.22%	-4.27%	-63.44%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-7	-6.49%	-9.89%	-6.13%	-3.78%	-5.78%	-41.90%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-8	6.14%	2.79%	5.26%	-47.74%	-39.67%	-54.67%
EWM	iShares Malaysia Index	Emerging Markets Equit	-9	-8.01%	-10.86%	-5.41%	-12.00%	-8.46%	-44.89%
PSQ	ProShares Short QQQ	Inverse Equities	-13	-7.30%	-8.88%	-12.86%	-24.05%	-16.50%	-79.90%
HDGE	Ranger Equity Bear	Inverse Equities	-14	-13.67%	-9.62%	-12.13%	-19.62%	-13.95%	-79.42%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	-15	-10.47%	-13.45%	-17.00%	-19.11%	-5.02%	-36.48%
UNG	U.S. Natural Gas Fund	Oil & Gas	-19	0.47%	0.16%	-23.02%	-54.47%	-52.94%	-92.73%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-100	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%