

HV ETF Master List as of 08/31/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	17	1.32%	4.91%	6.88%	53.96%	19.78%	-2.74%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	16	11.06%	25.82%	25.19%	1.27%	13.01%	-20.48%
IYW	Dow Jones US Technology	Technology Equities	16	1.39%	3.39%	7.64%	49.64%	19.47%	-4.80%
IGV	iShares North American Tech-Software	Technology Equities	15	2.67%	5.76%	10.01%	40.72%	18.48%	-19.37%
ITB	iShares DJ US Home Construction	Building and Constructi	14	-0.68%	5.48%	9.54%	42.31%	17.29%	-3.44%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	14	-0.61%	3.34%	5.17%	46.75%	16.66%	-8.09%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	14	-0.29%	6.95%	10.75%	37.72%	17.06%	-3.71%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	13	1.69%	3.18%	7.41%	38.34%	16.22%	-53.92%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	13	4.05%	4.94%	8.84%	33.85%	16.26%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	13	2.05%	3.09%	7.57%	40.23%	16.54%	-8.71%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	13	1.12%	2.87%	7.03%	41.95%	16.83%	-6.44%
XLK	Technology Select *	Technology Equities	13	1.23%	2.15%	6.34%	41.16%	16.45%	-2.55%
VUG	Vanguard Growth	Large Cap Growth	12	1.61%	2.92%	7.15%	35.74%	14.87%	-11.17%
VGT	Vanguard Info Technology	Technolgy Equities	12	0.84%	1.81%	5.82%	39.28%	15.49%	-4.55%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	11	3.04%	18.10%	15.81%	5.32%	10.01%	-7.68%
IWF	Russell 1000 Growth	Large Growth	11	1.57%	3.10%	7.17%	31.59%	13.96%	-8.92%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	10	0.96%	0.92%	6.45%	32.17%	12.66%	-19.26%
VOX	Vanguard Telecom Serv's	Communication Equities	10	-0.23%	2.90%	5.69%	33.02%	12.26%	-27.38%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	10	0.46%	1.95%	6.90%	31.00%	12.21%	-19.32%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	10	3.13%	3.32%	5.37%	29.66%	13.27%	-18.74%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	1.33%	4.38%	7.91%	22.29%	10.89%	-4.74%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	9	1.88%	5.32%	7.56%	19.25%	10.17%	-2.33%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	1.35%	3.29%	6.17%	23.32%	11.25%	-14.97%
SPYG	S&P 500 Growth	Large Cap Growth	9	1.36%	3.36%	6.20%	23.35%	11.29%	-14.94%
IWW	S&P 500/BARRA Growth	Large Growth	9	1.35%	3.31%	6.54%	23.38%	11.34%	-14.89%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	8	3.17%	3.03%	0.49%	24.00%	9.60%	-4.00%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8	1.33%	3.36%	6.47%	22.73%	11.07%	-14.60%
FXN	1st Trust Energy AlphaDEX	Energy Equities	8	1.80%	14.72%	12.94%	2.63%	7.91%	-9.59%
VDE	Vanguard Energy VIPERS	Energy Equities	7	2.64%	13.22%	9.84%	2.76%	6.49%	-5.50%
EWI	iShares Italy Index	Europe Stock	7	-0.65%	3.68%	5.49%	19.15%	5.61%	-6.88%
IYC	iShares US Consumer Services	Consumer Discretionary	7	-0.30%	0.50%	5.22%	24.58%	9.00%	-74.38%
VV	Vanguard LargeCap	Large Cap Blend	7	0.35%	2.58%	5.09%	18.35%	8.67%	-7.03%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	6	4.84%	7.66%	7.80%	1.91%	4.65%	-6.01%
EWP	iShares Spain Index	Europe Stock	6	1.03%	2.23%	3.26%	17.78%	4.17%	-21.41%
EWW	iShares Mexico Index	Latin America Stock	6	0.75%	-0.02%	-0.87%	24.69%	4.59%	-5.66%
SPY	SPDR S&P 500	Large Cap Blend	6	0.34%	2.43%	4.94%	17.76%	8.43%	-5.73%
GSG	iShares GSCI Commodity Index	Commodities.	6	1.40%	10.21%	11.68%	2.21%	6.71%	-17.62%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	6	0.09%	2.40%	5.00%	16.34%	7.69%	-7.37%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6	0.24%	2.56%	5.05%	17.98%	8.53%	-53.50%
IWB	Russell 1000 Index	Large Blend	6	0.25%	2.56%	5.39%	17.70%	8.44%	-6.88%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6	0.08%	2.60%	4.81%	17.25%	8.14%	-53.79%

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ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	6	0.03%	2.58%	5.17%	17.23%	8.14%	-7.64%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	1.60%	2.03%	5.79%	14.36%	7.04%	-19.51%
IVV	S&P 500	Large Blend	6	0.33%	2.43%	5.36%	17.82%	8.48%	-5.66%
IYE	Dow Jones US Energy	Specialty-Natural Res.	6	2.25%	12.19%	9.44%	0.77%	5.12%	-7.23%
IXC	S&P Global Energy	Energy Equities	6	3.26%	11.10%	8.38%	3.18%	4.84%	-5.56%
IWV	Russell 3000 Index	All Cap Equities	6	0.01%	2.54%	5.11%	17.07%	8.06%	-7.44%
IGE	iShares North American Natural Resources	Commodity Producers	6	1.82%	10.82%	8.44%	3.05%	5.04%	-7.77%
XLE	Energy Select Sector *	Energy Equities	6	2.44%	12.43%	8.73%	1.66%	5.42%	-5.48%
VTI	Total Stock Market VIPERs	All Cap Equities	6	0.04%	2.58%	4.79%	17.13%	8.03%	-7.83%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	6	0.35%	2.48%	4.93%	17.79%	8.39%	-5.79%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	6	1.34%	7.42%	6.51%	6.74%	4.46%	-21.96%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	5	4.97%	8.44%	6.71%	-0.05%	3.02%	-8.01%
VIS	Vanguard Industrials	industrials Equities	5	-0.55%	2.72%	5.80%	13.69%	7.32%	-2.33%
IYT	Dow Jones Transportation	Transportation Equities	5	-3.64%	0.92%	7.16%	16.97%	6.85%	-10.78%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	-0.92%	1.46%	4.38%	14.41%	5.79%	-22.62%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	-0.41%	3.33%	4.41%	11.61%	5.56%	-70.34%
IYJ	Dow Jones US Industrial	Industrial Equities	5	-0.24%	2.60%	6.09%	11.49%	6.23%	-44.27%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	5	-1.69%	3.46%	3.56%	13.74%	5.94%	-24.44%
PIN	PowerShares India Portfolio	Emerging Markets Equit	5	1.73%	1.91%	5.96%	10.24%	6.50%	-55.54%
PKW	PowerShares Buyback Achievers	All Cap Equities	5	0.22%	5.55%	7.46%	8.73%	6.18%	-5.18%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	-0.90%	1.24%	3.76%	15.08%	5.77%	-21.96%
ACWI	iShares MSCI ACWI	Global Equities	5	-0.35%	2.09%	3.20%	13.69%	5.25%	-10.01%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	-1.25%	2.78%	3.38%	9.21%	4.09%	-8.94%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	0.13%	2.45%	-1.06%	14.33%	1.99%	-18.44%
IJH	S&P MidCap 400	Mid-Cap Blend	4	-1.27%	2.75%	3.77%	9.26%	4.14%	-9.03%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	4	0.83%	2.44%	-0.23%	11.90%	2.23%	-14.15%
IVE	S&P 500/BARRA Value	Large Value	4	-0.94%	1.38%	3.92%	11.73%	5.19%	-2.79%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	-1.05%	2.50%	3.69%	9.28%	4.05%	-14.02%
IYZ	Down Jones US Telecom	Commun. Equities	4	2.56%	4.00%	5.88%	1.92%	1.63%	-37.44%
IYM	Dow Jones US Basic Mat's	Materials	4	-0.36%	3.29%	4.84%	7.22%	2.09%	-13.14%
EZU	European Monetary Union Index	Europe Stock	4	-1.02%	1.68%	0.76%	13.58%	1.32%	-13.00%
BBH	VanEck Vectors Biotech	Health & Biotech	4	3.58%	6.07%	3.46%	2.42%	1.54%	-25.88%
DBC	PowerShares DB Commodity Index	Commodities	4	0.74%	7.90%	7.85%	-0.24%	3.33%	-19.46%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	4	-2.91%	4.88%	4.36%	9.82%	3.47%	-31.22%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	-1.33%	2.25%	2.27%	14.45%	5.18%	-24.95%
EWJ	iShares Japan Index	Japan Stock	4	0.74%	1.43%	0.20%	13.23%	4.73%	-16.84%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	4	-3.19%	6.86%	10.72%	2.62%	11.49%	-21.82%
EWQ	iShares France Index	Europe Stock	4	-0.34%	2.23%	1.65%	13.71%	1.46%	-6.90%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	4	0.80%	2.60%	-0.49%	12.48%	3.02%	-16.41%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	4	-1.64%	5.62%	6.16%	6.20%	4.33%	-25.61%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	-0.78%	2.35%	3.77%	9.19%	4.58%	-2.59%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	4	1.24%	6.82%	7.80%	-0.16%	3.05%	-22.28%
XLI	Industrial Select Sector *	Industrial Equities	4	-0.62%	2.14%	5.42%	10.20%	5.96%	-2.28%
VT	Vanguard Total World Stock Index	Global Equities	4	-0.38%	2.28%	2.56%	13.39%	5.22%	-10.53%

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XME	SPDR S&P Metals & Mining	Commodity Producers	4	0.83%	5.07%	6.72%	4.52%	0.82%	-20.94%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	3	2.01%	3.73%	6.94%	0.87%	3.37%	-24.03%
KIE	SPDR S&P Insurance	Specialty-Financial	3	-1.07%	4.57%	6.24%	3.88%	3.53%	-54.66%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	-0.77%	2.43%	0.55%	8.44%	1.85%	-21.50%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	3	-0.57%	2.58%	-0.04%	8.23%	1.44%	-10.76%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	3	0.33%	2.72%	-3.07%	13.41%	0.73%	-9.99%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	3	6.32%	13.19%	-2.07%	-5.31%	2.35%	-56.53%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	3	0.56%	2.45%	2.35%	7.89%	5.25%	-5.31%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	3	0.00%	3.56%	2.38%	7.69%	1.61%	-17.06%
EWG	iShares Germany Index	Europe Stock	3	-0.85%	1.94%	-0.21%	12.90%	0.40%	-23.46%
EWL	iShares Switzerland Index	Europe Stock	3	-0.84%	2.53%	0.26%	10.02%	1.57%	-13.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	3	-1.42%	2.11%	4.37%	5.87%	3.31%	-8.83%
XLB	Materials Select Sector *	Materials	3	-1.04%	2.92%	4.05%	6.71%	2.57%	-8.52%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	3	-2.60%	-0.29%	3.50%	12.93%	3.54%	-17.04%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	3	-1.57%	1.51%	3.90%	8.61%	3.61%	-67.31%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	3	-0.58%	1.93%	0.15%	8.55%	0.84%	-14.44%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	3	0.11%	0.49%	3.54%	6.38%	4.35%	-16.15%
IEV	S&P Europe 350 Index	Europe Stock	3	-0.74%	2.17%	0.32%	10.02%	0.65%	-10.63%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	-1.97%	3.81%	2.14%	7.93%	3.89%	-44.21%
INDA	iShares MSCI India	Emerging Markets Equit	3	0.85%	0.89%	4.12%	5.34%	5.37%	-13.41%
IWO	Russell 2000 Growth	Small Growth	3	-2.74%	1.92%	0.42%	12.19%	4.27%	-28.51%
FEZ	SPDR Euro Stoxx 50	Europe Stock	3	-1.15%	1.30%	-1.42%	15.19%	1.39%	-9.67%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3	-0.81%	1.73%	3.54%	7.41%	4.11%	-5.29%
VB	Vanguard SmallCap	Small Cap Blend	3	-1.67%	2.99%	2.91%	9.53%	4.09%	-16.02%
VBR	Vanguard SmallCap Value	Small Cap Value	3	-1.96%	3.50%	3.31%	6.08%	3.22%	-9.30%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	3	-1.32%	3.94%	5.30%	2.47%	6.27%	-5.80%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	3	-2.19%	2.96%	1.98%	9.16%	3.63%	-59.85%
SLV	iShares Silver Trust	Precious Metals	3	3.51%	7.49%	0.40%	1.68%	3.78%	-17.07%
VO	Vanguard Mid-Cap	Mid-Cap Blend	3	-1.81%	0.82%	3.42%	7.79%	3.09%	-15.89%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	-0.82%	2.66%	0.38%	8.10%	1.50%	-22.82%
VAW	Vanguard Materials VIPERS	Materials	3	-0.95%	3.07%	3.90%	7.22%	2.62%	-8.53%
GLD	SPDR Gold Shares	Precious Metals	2	0.27%	1.53%	-1.38%	6.12%	1.03%	-7.15%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	-1.18%	1.72%	0.13%	7.43%	0.72%	-17.68%
FXB	CurrencyShares British Pound	Currency	2	-0.02%	-0.22%	1.18%	5.11%	2.22%	-16.08%
VGK	Vanguard European	Europe Equities	2	-0.91%	2.15%	-1.55%	9.88%	0.60%	-13.71%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	-3.62%	-1.47%	-1.17%	14.07%	3.85%	-33.90%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2	-1.08%	-0.83%	-3.74%	13.55%	0.64%	-32.71%
IJR	S&P Sm.Cap 600	Small Blend	2	-2.51%	3.44%	1.61%	6.49%	2.46%	-16.24%
UUP	PowerShares DB US Dollar Bullish	Currency	2	1.62%	1.48%	1.76%	3.88%	2.79%	-5.80%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	2	-2.94%	3.10%	3.99%	2.50%	1.37%	-20.68%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	2	1.35%	1.69%	0.93%	2.49%	0.98%	-10.25%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	2	-2.07%	2.06%	3.13%	6.77%	2.65%	-37.80%
IYF	Dow Jones US Financial Sector	Specialty-Financial	2	-2.45%	3.88%	4.39%	1.84%	2.09%	-46.41%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	2	1.43%	1.76%	0.94%	2.35%	0.81%	-11.83%

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VEU	Vanguard FTSE All-World ex-US	Global Equities	2	-1.28%	1.77%	-0.97%	7.66%	0.88%	-17.31%
VXUS	Vanguard Total International Stock	Global Equities	2	-1.21%	1.70%	-0.94%	7.70%	0.91%	-17.48%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	2	-0.48%	5.84%	3.47%	-1.81%	-1.16%	-14.23%
IAU	iShares Gold Trust	Precious Metals	2	0.27%	1.58%	-1.34%	6.24%	1.11%	-6.77%
IWS	Russell MidCap Value	Mid-Cap Value	2	-1.87%	1.60%	3.75%	4.93%	2.22%	-10.57%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	1.44%	2.03%	0.78%	2.24%	0.63%	-15.39%
IWD	Russell 1000 Value	Large Value	2	-1.22%	1.94%	3.35%	4.83%	2.59%	-6.76%
IWM	Russell 2000	Small Blend	2	-3.06%	3.19%	1.11%	8.17%	3.16%	-22.24%
IWN	Russell 2000 Value	Small Value	2	-3.25%	4.50%	1.85%	3.86%	1.83%	-18.58%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-0.59%	2.62%	0.15%	4.78%	-0.13%	-25.16%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	1.56%	2.14%	0.95%	2.73%	0.80%	-71.53%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2	-1.26%	1.65%	2.84%	3.64%	1.37%	-17.80%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	2	0.42%	2.51%	-3.67%	7.69%	-0.42%	-5.14%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	2	-1.88%	3.18%	3.35%	4.25%	2.35%	-57.73%
EWK	iShares Belgium Index	Europe Stock	2	-1.67%	4.41%	2.42%	1.67%	-1.03%	-21.50%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	2	-1.19%	2.53%	2.66%	4.97%	3.02%	-5.45%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	0.23%	1.55%	3.57%	3.86%	2.44%	-7.60%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	2	-1.05%	2.06%	3.13%	3.96%	2.46%	-7.28%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	2	-2.44%	4.71%	1.93%	4.01%	1.64%	-65.38%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	2	0.38%	1.51%	-1.66%	6.28%	0.29%	-19.95%
XRT	SPDR S&P Retail *	Consumer Discretionary	2	-4.00%	1.60%	2.95%	6.32%	0.71%	-38.30%
DJP	Bloomberg Commodity Index	Commodities	2	0.78%	5.97%	6.74%	-3.68%	1.87%	-21.19%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	2	0.71%	2.56%	-3.27%	9.31%	0.64%	-11.79%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	2	-0.97%	0.27%	1.99%	8.46%	3.29%	-24.32%
VFH	Vanguard Financials	Financials Equities	2	-2.20%	3.50%	3.97%	0.93%	1.45%	-17.94%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	-1.48%	1.44%	-0.20%	7.08%	0.36%	-17.62%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	-0.65%	1.78%	-0.82%	9.01%	1.27%	-14.37%
RSP	Guggenheim S&P Equal Weight	Large Blend	2	-1.38%	1.19%	3.16%	6.14%	2.45%	-8.70%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	-0.90%	3.01%	-1.60%	8.56%	1.72%	-23.05%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	2	-0.60%	1.65%	-0.15%	8.97%	0.86%	-12.91%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	-1.43%	1.44%	2.94%	4.97%	2.50%	-4.30%
SCHF	Schwab International Equity	Foreign Large Cap Equi	2	-0.65%	1.73%	-1.04%	9.50%	1.41%	-13.64%
SCHD	Schwab US Dividend Equity	All Cap Equities	2	0.09%	3.60%	3.64%	-1.34%	0.85%	-9.04%
EWC	iShares Canada Index	Foreign Large Cap Equi	2	-0.12%	1.79%	1.61%	5.99%	0.75%	-14.68%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	-0.66%	1.36%	-1.20%	7.71%	1.66%	-19.09%
EWU	iShares United Kingdom Index	Europe Stock	1	-1.14%	2.20%	-0.90%	4.37%	-0.99%	-15.52%
EWM	iShares Malaysia Index	Emerging Markets Equit	1	-1.26%	6.14%	4.88%	-7.71%	-3.49%	-42.20%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	1	-0.51%	0.61%	0.49%	2.64%	0.48%	-9.93%
VYM	Vanguard High Div. Yield Index	Large Cap Value	1	-1.24%	2.58%	2.25%	-0.48%	0.59%	-6.36%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	0.72%	1.22%	0.53%	1.34%	-0.19%	-27.34%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.72%	0.48%	1.20%	2.73%	0.84%	-9.95%
BNDX	Vanguard Total International Bond	Total Bond Market	1	0.85%	0.93%	0.25%	2.80%	0.38%	-17.66%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	1	-2.99%	0.95%	-0.45%	5.05%	0.15%	-29.37%
HDV	iShares Core High Dividend	Large Cap Value Equiti	1	0.20%	3.49%	3.16%	-1.09%	0.81%	-6.20%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	0.88%	0.94%	-0.67%	1.01%	-0.99%	-19.43%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	1	2.10%	4.29%	-5.34%	0.95%	-3.31%	-43.81%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	0.26%	2.06%	2.45%	-1.94%	0.49%	-6.74%
XLF	Financial Select Sector *	Financial Equities	1	-1.91%	2.50%	3.74%	0.53%	1.13%	-17.00%
EWZ	iShares Brazil Index	Latin America Stock	1	-4.46%	-1.31%	-0.58%	10.30%	4.22%	-36.27%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	1	1.73%	2.57%	-2.03%	0.27%	-0.88%	-16.39%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	1	-1.38%	-0.11%	-2.46%	9.86%	0.02%	-19.24%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.53%	0.51%	0.53%	1.07%	0.68%	-0.43%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	1	-1.07%	1.86%	3.53%	0.92%	1.91%	-8.81%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.41%	0.92%	0.17%	0.81%	0.04%	-8.95%
VTV	Vanguard Value	Large Cap Value	1	-1.29%	2.03%	2.62%	2.24%	1.86%	-4.83%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	0.59%	2.61%	1.56%	0.38%	0.71%	-30.77%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	-1.18%	1.88%	2.73%	2.44%	1.59%	-8.84%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	-0.18%	1.94%	1.39%	0.94%	0.58%	-14.62%
MOO	VanEck Vectors Agribusiness	Commodity Producers	1	-2.48%	3.47%	3.70%	-2.62%	-2.42%	-22.84%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	1	0.49%	1.02%	-0.36%	1.43%	0.05%	-10.27%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	0.46%	1.04%	0.06%	1.93%	0.33%	-11.29%
IYH	Dow Jones US Healthcare	Specialty-Health	1	0.86%	2.21%	2.82%	-0.88%	0.95%	-6.85%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	-2.55%	0.16%	2.53%	2.04%	0.60%	-9.90%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	1	0.89%	1.05%	-0.16%	0.72%	-1.49%	-23.66%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	1	-0.73%	4.51%	2.51%	-1.21%	0.50%	-7.05%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	1	-0.10%	0.94%	0.68%	3.11%	0.11%	-37.80%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	1.34%	1.69%	0.95%	1.76%	0.67%	-13.37%
IJS	S&P SmallCap 600/BARRA Value	Small Value	1	-3.16%	3.00%	1.03%	4.88%	0.89%	-44.72%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	1	0.72%	0.97%	0.18%	0.92%	-0.51%	-26.10%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	1	0.97%	0.07%	0.62%	3.85%	2.04%	-51.56%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	0	-2.88%	1.07%	-0.54%	3.98%	-0.14%	-28.25%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.00%	0.03%	-0.10%	0.07%	-0.13%	-1.23%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	0.50%	0.84%	-0.61%	0.26%	-0.72%	-13.20%
BSV	Vanguard Short Term Bond	Total Bond Market	0	0.45%	0.85%	-0.26%	0.52%	-0.22%	-9.16%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	0.76%	0.41%	-1.17%	0.10%	-1.44%	-19.98%
VHT	Vanguard Health Care	Health & Biotech Equiti	0	0.14%	1.62%	1.55%	-1.46%	0.22%	-8.62%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.45%	0.64%	-0.21%	0.03%	-0.32%	-7.22%
FXE	CurrencyShares Euro Currency Trust	Currency	0	-0.73%	-0.21%	0.78%	1.47%	0.38%	-16.78%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	0	-2.26%	0.56%	1.87%	0.48%	0.41%	-7.14%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.44%	0.56%	-0.35%	-0.31%	-0.53%	-7.04%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.41%	0.66%	-0.23%	0.09%	-0.29%	-6.41%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	1.44%	0.19%	-1.36%	1.67%	-1.45%	-24.54%
EWN	iShares Netherlands Index	Europe Stock	0	-4.91%	-2.14%	-2.18%	10.77%	-0.92%	-23.30%
RWR	Wilshire REIT Fund	Real Estate	0	-1.37%	-1.09%	-0.29%	3.37%	0.02%	-26.25%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	0	-2.92%	1.32%	-0.49%	3.80%	-0.22%	-29.05%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	0	1.43%	2.60%	-0.25%	-1.97%	-1.28%	-62.24%
FXO	1st Trust Financials AlphaDEX	Financial Equities	0	-3.96%	6.09%	3.05%	-3.44%	-0.74%	-18.64%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	1.29%	0.49%	-0.82%	0.69%	-1.56%	-23.71%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	0.77%	0.68%	-1.42%	0.09%	-1.58%	-21.17%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	0.52%	0.80%	-1.25%	-0.03%	-1.12%	-14.35%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	0	2.11%	0.01%	-1.13%	0.44%	-2.72%	-32.68%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	0	-4.58%	-0.57%	-4.89%	10.57%	0.96%	-35.10%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	0.15%	0.71%	-0.29%	0.33%	-0.34%	-8.98%
PPLT	ETFS Physical Platinum Shares	Precious Metals	0	6.04%	6.80%	-4.22%	-9.80%	-2.53%	-25.02%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	0	0.59%	0.14%	-1.66%	-0.35%	-1.82%	-18.94%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	0.25%	1.95%	0.62%	-3.63%	-2.06%	-21.98%
IYR	Dow Jones US Real Estate	Real Estate	0	-1.24%	-1.77%	0.68%	1.37%	-0.71%	-26.52%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bond	0	0.56%	0.00%	-1.71%	-0.29%	-1.81%	-19.17%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	0.62%	0.67%	-1.50%	-0.38%	-1.49%	-17.77%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	0.93%	0.29%	-1.45%	-0.24%	-1.69%	-19.99%
SIL	Global X Silver Miners	Commodity Producers	0	2.59%	5.79%	-4.33%	-5.93%	-6.23%	-50.55%
MUB	iShares S&P National Muni Bond	National Munis	0	0.17%	-0.55%	-0.90%	-0.06%	-1.07%	-10.58%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	0.95%	0.30%	-1.43%	-0.20%	-1.63%	-19.08%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	-3.50%	0.56%	-1.29%	3.35%	-0.93%	-32.42%
EWA	iShares Australia Index	Asia Pacific Equities	0	-0.58%	1.32%	-0.76%	-0.09%	-3.21%	-18.88%
RSX	Market Vectors Russia	Emerging Markets Equit	0	0.00%	0.00%	0.00%	-0.53%	-0.08%	-83.14%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	0	1.29%	6.44%	-0.04%	-8.18%	-3.84%	-32.13%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	0	-1.06%	1.76%	1.35%	-2.10%	-1.66%	-12.34%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	0	-1.53%	1.83%	-0.51%	-1.69%	-2.04%	-37.61%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	0.90%	0.29%	-1.31%	-0.13%	-1.58%	-19.81%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	0	-1.30%	-0.17%	-0.80%	0.56%	-1.31%	-27.27%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	0	-0.80%	4.35%	0.47%	-5.73%	-3.05%	-16.25%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	0.76%	-0.04%	-1.78%	-0.53%	-1.85%	-20.14%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	0.62%	0.62%	-1.63%	-0.67%	-1.66%	-17.06%
DOG	ProShares Short Dow 30	Bear Market	-1	1.76%	-1.40%	-2.15%	-2.94%	-1.88%	-63.83%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	-1	0.18%	-0.18%	-2.61%	0.09%	-3.40%	-27.67%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	-0.70%	0.00%	-2.67%	-1.39%	-3.78%	-27.29%
SCHH	Schwab U.S. REIT	Real Estate	-1	-1.48%	-2.09%	-1.03%	-0.26%	-1.82%	-63.48%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-1	-1.36%	2.18%	0.59%	-6.34%	-2.78%	-11.61%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-1	-3.88%	3.16%	-0.38%	-1.22%	-3.59%	-34.09%
ICF	Cohen & Steers Realty	Real Estate	-1	-1.53%	-2.68%	-0.44%	-0.53%	-2.01%	-56.70%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-1	-2.60%	-0.09%	1.02%	-1.19%	-1.54%	-13.84%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-1	-0.09%	0.22%	-6.50%	1.12%	-5.44%	-38.81%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-1	-3.18%	-3.69%	-2.22%	3.88%	-1.14%	-28.42%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	-0.98%	2.18%	-1.27%	-4.37%	-3.77%	-36.49%
SDY	SPDR Dividend ETF	Large Value	-1	-2.30%	1.02%	-0.86%	-2.29%	-1.67%	-7.62%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-1	-2.89%	-1.26%	0.16%	0.46%	-0.52%	-7.61%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	0.80%	0.10%	-2.56%	-1.02%	-2.63%	-22.96%
PZA	Pshares Insured National Munis	National Munis	-1	-0.65%	-1.75%	-2.12%	0.48%	-1.88%	-16.24%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	-1	-0.72%	2.01%	-0.53%	-3.06%	-3.96%	-26.62%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	1.94%	-1.01%	-2.93%	-0.83%	-3.96%	-38.88%
VNQ	Vanguard REIT Index	Real Estate	-1	-1.59%	-1.84%	-0.94%	-0.12%	-1.90%	-28.99%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
RWM	ProShares Short Russell2000	Inverse Equities	-1	3.81%	-2.05%	-0.69%	-6.87%	-2.74%	-63.70%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	-1	-0.07%	0.65%	-7.23%	2.09%	-4.93%	-34.29%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-1	-0.54%	-0.23%	-1.69%	-1.20%	-2.40%	-29.54%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	-4.16%	0.20%	-2.21%	1.22%	-2.45%	-35.76%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1	0.56%	-0.53%	-1.61%	-0.70%	-2.06%	-21.03%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-1	-1.28%	2.93%	0.72%	-4.84%	-2.32%	-11.20%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-1	-1.93%	1.24%	-4.67%	1.08%	-4.06%	-30.08%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-2	-0.90%	2.10%	-2.80%	-5.49%	-4.50%	-41.31%
ECH	iShares Chile Index	Latin America	-2	-5.43%	-4.15%	-3.89%	4.06%	-1.67%	-49.81%
DVY	iShares Select Dividend Index	Large Cap Value	-2	-2.27%	0.56%	0.23%	-5.87%	-3.35%	-14.09%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2	1.64%	-1.69%	-4.43%	-2.38%	-4.97%	-38.72%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-2	-3.56%	-4.81%	-1.37%	-0.13%	-3.05%	-85.87%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-2	-1.46%	-0.36%	0.15%	-6.11%	-3.14%	-16.43%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-2	-2.13%	-2.27%	-1.02%	-4.16%	-2.50%	-11.78%
XLP	Consumer Staples Select *	Consumer Staples	-2	-3.50%	-2.24%	-0.64%	-2.40%	-2.21%	-9.69%
FXI	iShares China 25 Index	China Equities	-2	-7.28%	3.01%	-1.40%	-3.18%	-4.54%	-49.70%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-2	-0.70%	-2.01%	-1.36%	-4.64%	-3.66%	-19.07%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2	1.10%	-0.65%	0.49%	-8.00%	-1.09%	-48.44%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	1.89%	-3.05%	-5.31%	-2.93%	-6.23%	-43.67%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-2	-3.74%	-2.22%	-0.27%	-3.11%	-1.89%	-7.94%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-2	-2.62%	0.22%	-2.56%	-3.76%	-5.17%	-23.70%
KBE	SPDR S&P Bank	Specialty-Financial	-2	-6.49%	9.53%	2.98%	-13.49%	-4.37%	-35.34%
EWD	iShares Sweden Index	Europe Stock	-2	-3.00%	-1.68%	-5.96%	3.06%	-4.50%	-32.54%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-2	-3.09%	0.57%	-1.29%	-3.83%	-2.68%	-12.13%
MCHI	iShares MSCI China	China Equities	-3	-7.31%	2.09%	-1.41%	-5.45%	-6.54%	-53.79%
EZA	iShares South Africa Index	Emerging Markets Equit	-3	-4.49%	2.84%	-1.98%	-7.78%	-6.69%	-48.53%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-4	-4.86%	-1.23%	-2.49%	-7.40%	-3.64%	-16.23%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-4	-7.53%	-0.83%	-2.04%	-5.75%	-7.56%	-43.08%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-4	2.41%	-4.90%	-7.71%	-4.56%	-8.90%	-55.68%
FXY	CurrencyShares Japanese Yen Trust	Currency	-4	-1.93%	-1.02%	-4.57%	-10.10%	-6.38%	-33.89%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-4	-2.94%	-6.38%	-1.81%	-4.53%	-5.79%	-52.49%
JXI	iShares S&P Global Utilities	Utilities Equities	-4	-1.56%	-3.73%	-4.12%	-4.82%	-4.52%	-15.14%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	-4	2.93%	-5.44%	-7.66%	-4.92%	-9.32%	-56.30%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5	0.43%	-1.00%	-4.35%	-13.54%	-6.94%	-66.72%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-5	-2.55%	-3.08%	-10.12%	-4.58%	-4.32%	-54.48%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-5	-3.30%	-4.54%	-5.69%	-8.25%	-6.23%	-15.60%
IDU	Dow Jones US Utilities	Utilities Equities	-5	-2.88%	-4.66%	-4.85%	-9.54%	-6.19%	-55.79%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-5	-7.88%	9.78%	1.13%	-24.14%	-10.04%	-43.44%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-6	-7.11%	2.97%	-1.50%	-18.71%	-9.81%	-44.61%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-6	-3.00%	-4.60%	-6.29%	-11.09%	-7.25%	-19.51%
XLU	Utilities Select Sector *	Utilities Equities	-6	-2.75%	-4.42%	-5.72%	-10.70%	-6.80%	-19.41%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	-6	-7.63%	-4.96%	-5.29%	-7.10%	-8.69%	-39.76%
EWH	iShares Hong Kong Index	China Equities	-8	-7.16%	-3.61%	-7.73%	-13.61%	-10.53%	-35.41%
HDGE	Ranger Equity Bear	Inverse Equities	-9	2.91%	-5.97%	-6.62%	-24.94%	-12.78%	-80.78%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	-9	3.34%	0.99%	10.75%	-49.57%	-20.61%	-91.95%
PSQ	ProShares Short QQQ	Inverse Equities	-10	-0.67%	-1.88%	-6.71%	-29.14%	-15.12%	-81.25%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-11	-2.07%	2.10%	3.12%	-46.11%	-25.94%	-53.26%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-48	-50.18%	-48.86%	-50.63%	-42.07%	-46.96%	-51.71%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-59	-0.41%	-79.10%	-79.02%	-79.36%	-76.55%	-85.84%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-60	-1.02%	-79.55%	-79.31%	-78.64%	-76.21%	-81.11%