

# HV ETF Master List as of 06/15/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	28	15.25%	23.14%	19.42%	52.24%	33.74%	-2.40%
IYW	Dow Jones US Technology	Technology Equities	25	10.79%	19.58%	21.62%	46.83%	29.80%	-6.59%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	25	15.10%	21.99%	17.21%	47.20%	30.63%	-7.81%
XLK	Technology Select *	Technology Equities	22	10.84%	17.80%	19.95%	40.33%	26.67%	-1.14%
IGV	iShares North American Tech-Software	Technology Equities	21	11.62%	16.33%	20.49%	36.56%	25.33%	-21.75%
VGT	Vanguard Info Technology	Technolgy Equities	21	10.30%	16.90%	19.18%	38.82%	25.43%	-4.87%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	21	9.78%	17.07%	19.54%	39.05%	24.52%	-8.35%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	20	8.02%	15.02%	18.77%	36.28%	22.40%	-11.29%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	19	8.40%	14.92%	18.50%	34.31%	21.79%	-55.26%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	19	8.61%	15.63%	22.74%	29.44%	20.85%	0.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	18	6.83%	14.93%	22.20%	28.99%	19.72%	0.00%
EWZ	iShares Brazil Index	Latin America Stock	18	9.12%	16.68%	29.30%	16.77%	11.40%	-32.53%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	18	7.02%	14.84%	22.35%	28.71%	6.94%	-19.33%
VUG	Vanguard Growth	Large Cap Growth	18	7.70%	13.49%	17.17%	32.17%	20.06%	-13.51%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	17	9.03%	14.32%	17.31%	29.01%	15.48%	-21.19%
ILF	iShares S&P 40 Latin America	Latin America Stock	16	7.50%	12.65%	23.19%	20.23%	11.95%	-30.33%
ITB	iShares DJ US Home Construction	Building and Constructi	16	4.02%	8.94%	19.47%	33.35%	24.06%	-2.69%
IWF	Russell 1000 Growth	Large Growth	16	7.28%	12.33%	16.16%	27.86%	18.22%	-11.50%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	16	7.63%	12.11%	15.59%	26.88%	14.25%	-21.86%
VOX	Vanguard Telecom Serv's	Communication Equitie	15	5.32%	11.59%	13.37%	30.02%	17.42%	-29.02%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	15	5.31%	10.21%	17.80%	27.25%	19.02%	-11.02%
EWW	iShares Mexico Index	Latin America Stock	14	3.51%	7.27%	13.78%	30.11%	17.05%	0.00%
IYC	iShares US Consumer Services	Consumer Discretionar	13	6.40%	9.65%	13.73%	22.88%	12.62%	-74.73%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	12	5.78%	8.66%	13.05%	18.93%	12.64%	-17.25%
IWW	S&P 500/BARRA Growth	Large Growth	12	5.89%	8.89%	13.28%	19.57%	13.02%	-17.52%
SPYG	S&P 500 Growth	Large Cap Growth	12	6.11%	9.14%	13.51%	19.89%	13.30%	-17.32%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	12	6.10%	9.12%	13.19%	19.87%	13.27%	-17.35%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	12	9.54%	7.85%	10.86%	18.70%	14.29%	-30.33%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	12	7.90%	10.55%	7.83%	22.09%	9.62%	-27.65%
VV	Vanguard LargeCap	Large Cap Blend	11	5.75%	7.72%	12.80%	16.19%	11.67%	-8.73%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	11	5.26%	10.63%	20.98%	7.46%	8.51%	-48.74%
EWJ	iShares Japan Index	Japan Stock	11	4.68%	8.57%	11.85%	17.03%	13.91%	-14.04%
IVV	S&P 500	Large Blend	10	5.26%	7.14%	12.25%	15.36%	11.11%	-7.63%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	10	5.74%	7.68%	12.69%	15.84%	11.45%	-54.35%
SPY	SPDR S&P 500	Large Cap Blend	10	5.57%	7.46%	12.57%	15.73%	11.48%	-7.35%
SCHB	Schwab U.S. Broad Market	All Cap Equities	10	5.78%	7.50%	12.53%	15.22%	10.97%	-54.60%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	10	5.60%	7.50%	12.16%	15.77%	11.45%	-7.40%
IWV	Russell 3000 Index	All Cap Equities	10	5.44%	7.12%	11.98%	14.70%	10.49%	-9.32%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	10	5.46%	7.14%	12.13%	14.78%	10.53%	-9.57%
VTI	Total Stock Market VIPERs	All Cap Equities	10	5.72%	7.46%	12.46%	15.12%	10.81%	-9.42%
IYT	Dow Jones Transportation	Transportation Equities	10	6.53%	6.33%	12.99%	14.05%	9.52%	-13.00%

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VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	10	6.98%	7.50%	11.50%	12.13%	7.76%	-25.51%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	10	5.35%	7.01%	11.73%	17.43%	12.71%	-8.53%
IWB	Russell 1000 Index	Large Blend	10	5.40%	7.23%	12.26%	15.15%	10.88%	-8.90%
VT	Vanguard Total World Stock Index	Global Equities	9	4.61%	5.53%	10.58%	13.77%	10.09%	-10.23%
IWO	Russell 2000 Growth	Small Growth	9	5.95%	6.55%	11.62%	12.67%	7.93%	-28.20%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	9	4.86%	6.45%	11.14%	14.19%	10.24%	-9.09%
IWP	Russell MidCap Growth	Mid-Cap Growth	9	5.07%	5.89%	10.02%	14.53%	9.74%	-22.33%
VBK	Vanguard SmallCap Growth	Small Cap Growth	9	5.29%	5.96%	11.11%	13.96%	8.27%	-25.26%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	8	4.30%	5.31%	10.18%	14.14%	10.73%	-6.52%
PIN	PowerShares India Portfolio	Emerging Markets Equi	8	6.13%	8.88%	11.23%	6.53%	1.30%	-57.04%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	1.72%	1.13%	8.04%	20.52%	14.21%	-5.49%
IVE	S&P 500/BARRA Value	Large Value	8	4.58%	5.19%	11.04%	10.75%	8.72%	0.00%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	8	4.83%	5.81%	9.91%	12.56%	10.41%	-15.44%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	8	5.66%	5.57%	9.53%	13.20%	8.75%	-23.44%
VIS	Vanguard Industrials	industrials Equities	8	6.00%	6.21%	10.49%	10.39%	9.44%	-2.83%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	8	0.78%	3.14%	8.02%	19.22%	11.44%	-5.38%
ACWI	iShares MSCI ACWI	Global Equities	8	3.71%	4.61%	9.69%	13.52%	9.66%	-10.14%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	7	4.76%	4.47%	9.92%	7.62%	5.29%	-15.33%
SCHF	Schwab International Equity	Foreign Large Cap Equ	7	2.61%	2.38%	8.49%	13.44%	9.87%	-10.53%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	7	3.53%	3.69%	9.61%	12.02%	7.48%	-17.71%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	3.88%	3.70%	8.53%	11.15%	7.03%	-21.77%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	7	1.31%	3.26%	9.64%	15.00%	3.98%	-14.53%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	5.85%	5.26%	9.99%	8.12%	5.17%	-60.23%
INDA	iShares MSCI India	Emerging Markets Equi	7	5.08%	7.90%	11.08%	3.04%	4.18%	-15.30%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	7	3.98%	3.39%	12.28%	7.14%	2.47%	-26.17%
IWM	Russell 2000	Small Blend	7	5.78%	5.70%	10.10%	7.50%	4.53%	-22.72%
EWN	iShares Netherlands Index	Europe Stock	7	1.92%	3.37%	6.17%	16.94%	11.76%	-19.02%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	7	1.37%	3.26%	9.55%	14.96%	5.55%	-7.24%
XLI	Industrial Select Sector *	Industrial Equities	7	5.60%	4.74%	9.44%	7.55%	8.16%	-1.40%
VB	Vanguard SmallCap	Small Cap Blend	7	5.35%	5.07%	10.41%	7.99%	5.26%	-17.20%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	7	4.83%	4.34%	7.41%	12.63%	9.35%	-20.17%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	7	3.32%	2.96%	8.00%	11.77%	9.02%	-14.15%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	2.62%	2.34%	8.51%	12.77%	9.61%	-11.42%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	6	5.11%	4.12%	9.16%	5.30%	3.93%	-38.66%
EWP	iShares Spain Index	Europe Stock	6	2.13%	-2.28%	6.06%	17.25%	11.56%	-21.77%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	6	7.21%	1.47%	15.74%	-0.83%	-2.78%	-50.65%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	3.80%	3.14%	8.43%	8.08%	5.50%	-71.28%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	6	5.49%	4.63%	5.71%	7.90%	6.06%	-26.25%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	6	5.46%	4.36%	5.78%	7.98%	6.35%	-25.49%
IYJ	Dow Jones US Industrial	Industrial Equities	6	4.31%	3.94%	8.46%	7.83%	7.17%	-46.10%
VXUS	Vanguard Total International Stock	Global Equities	6	3.25%	2.87%	7.86%	11.68%	8.92%	-14.43%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	0.19%	1.34%	6.95%	16.95%	4.79%	-16.56%
RWR	Wilshire REIT Fund	Real Estate	6	4.59%	3.46%	11.09%	4.26%	1.91%	-25.62%
VO	Vanguard Mid-Cap	Mid-Cap Blend	6	4.97%	3.76%	9.01%	7.08%	5.19%	-16.45%

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INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	6	4.09%	5.71%	9.22%	4.11%	2.98%	-17.94%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	6	4.19%	3.54%	9.41%	5.41%	4.99%	-6.80%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	6	4.83%	2.94%	10.38%	7.69%	7.29%	-5.49%
IJH	S&P MidCap 400	Mid-Cap Blend	6	4.39%	3.67%	8.78%	6.74%	4.74%	-11.13%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	3.02%	1.97%	8.42%	11.03%	8.99%	-8.46%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	6	5.17%	4.22%	6.13%	8.95%	7.07%	-26.75%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	0.81%	1.55%	7.01%	15.75%	10.96%	-14.91%
VBR	Vanguard SmallCap Value	Small Cap Value	6	5.39%	4.34%	9.67%	3.75%	2.97%	-11.29%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	6	4.30%	4.14%	5.98%	7.93%	4.99%	-24.69%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	6	3.17%	2.52%	6.97%	10.35%	7.34%	-20.12%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	6	4.29%	4.05%	9.70%	7.75%	6.41%	-3.87%
EWI	iShares Italy Index	Europe Stock	6	1.49%	-0.29%	6.85%	16.44%	11.27%	-8.99%
VGK	Vanguard European	Europe Equities	6	1.31%	0.62%	7.78%	14.23%	10.41%	-10.30%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	6	0.26%	0.26%	5.53%	19.03%	10.30%	-0.64%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	4.71%	3.91%	9.05%	7.10%	5.11%	-10.70%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	5.31%	4.16%	5.80%	8.23%	6.62%	-29.23%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	6	5.32%	5.44%	8.47%	5.85%	3.79%	-45.29%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	4.36%	3.51%	8.98%	7.07%	5.01%	-67.77%
IWN	Russell 2000 Value	Small Value	5	5.58%	4.64%	8.29%	2.13%	0.91%	-19.93%
RSP	Guggenheim S&P Equal Weight	Large Blend	5	3.99%	2.81%	8.45%	5.45%	4.45%	-9.29%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	-0.40%	0.45%	6.66%	12.63%	7.48%	-0.79%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	5	-0.02%	1.30%	6.35%	13.75%	5.38%	-12.73%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5	4.83%	3.12%	8.48%	4.16%	3.91%	-10.30%
EWG	iShares Germany Index	Europe Stock	5	-0.52%	-0.21%	5.47%	16.98%	11.18%	-20.70%
EWD	iShares Sweden Index	Europe Stock	5	0.86%	-0.63%	6.94%	12.03%	8.13%	-26.67%
IJR	S&P Sm.Cap 600	Small Blend	5	4.70%	4.09%	7.40%	4.71%	2.54%	-17.64%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	1.58%	1.07%	6.22%	10.33%	7.67%	-15.12%
EZU	European Monetary Union Index	Europe Stock	5	-0.26%	-1.04%	5.32%	15.96%	10.54%	-11.18%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	5	2.31%	1.68%	6.56%	9.88%	7.13%	-21.55%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	5	0.44%	0.40%	6.55%	12.05%	8.93%	-10.45%
PKW	PowerShares Buyback Achievers	All Cap Equities	5	3.33%	3.22%	8.95%	3.28%	3.89%	-9.93%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	3.23%	3.28%	8.59%	6.43%	6.46%	-6.16%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	1.66%	1.21%	6.24%	10.28%	7.66%	-15.49%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	4	4.81%	2.61%	3.10%	6.70%	5.85%	-32.28%
IWS	Russell MidCap Value	Mid-Cap Value	4	3.96%	2.21%	8.39%	3.12%	2.44%	-12.10%
XRT	SPDR S&P Retail *	Consumer Discretionar	4	3.27%	2.44%	6.29%	5.39%	1.35%	-38.83%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	4	2.71%	1.95%	8.50%	4.34%	4.46%	-4.86%
IWD	Russell 1000 Value	Large Value	4	3.36%	1.86%	8.06%	3.46%	3.50%	-7.98%
IYR	Dow Jones US Real Estate	Real Estate	4	3.83%	1.89%	9.03%	1.96%	0.56%	-26.09%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	4	2.13%	2.32%	7.18%	3.67%	4.92%	-13.55%
VNQ	Vanguard REIT Index	Real Estate	4	4.28%	1.97%	8.24%	1.82%	0.20%	-27.61%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	4	4.80%	2.54%	6.86%	3.25%	2.36%	-18.12%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	4	4.21%	1.98%	8.43%	1.61%	1.84%	-10.28%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	4	4.17%	2.19%	7.48%	2.02%	1.48%	-58.64%

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DIA	SPDR Dow Jones Industrial Average	Large Cap Value	4	2.59%	2.02%	7.46%	4.06%	4.84%	-6.28%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	4	2.76%	1.24%	7.32%	2.90%	3.64%	-8.22%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4	4.21%	2.67%	6.53%	3.63%	1.35%	-45.39%
VTV	Vanguard Value	Large Cap Value	4	3.47%	1.55%	7.79%	1.46%	2.98%	-5.56%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	4	1.64%	0.71%	5.83%	9.56%	7.15%	-17.48%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	4	5.26%	2.69%	6.23%	1.97%	0.76%	-66.05%
VAW	Vanguard Materials VIPERS	Materials	4	3.95%	0.46%	6.33%	5.43%	4.11%	-10.05%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	4	4.68%	4.37%	7.83%	0.00%	1.84%	-9.65%
FXB	CurrencyShares British Pound	Currency	4	2.94%	2.74%	3.84%	5.82%	6.19%	-15.51%
ICF	Cohen & Steers Realty	Real Estate	4	4.05%	0.98%	8.30%	1.13%	-0.12%	-55.97%
SCHH	Schwab U.S. REIT	Real Estate	4	4.19%	1.71%	9.00%	1.76%	0.47%	-62.74%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	0.29%	0.22%	6.16%	11.31%	8.40%	-12.26%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	4	3.32%	1.56%	7.87%	1.88%	0.78%	-26.31%
IEV	S&P Europe 350 Index	Europe Stock	4	-1.01%	-1.74%	5.56%	12.30%	8.46%	-8.79%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	5.78%	2.98%	8.86%	-0.29%	-0.05%	-13.06%
XLB	Materials Select Sector *	Materials	4	3.98%	0.16%	7.04%	4.98%	3.97%	-10.00%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	3	1.28%	-0.67%	3.66%	8.15%	6.19%	-25.19%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	-0.02%	-0.82%	5.93%	7.93%	6.53%	-16.87%
EWA	iShares Australia Index	Asia Pacific Equities	3	1.80%	-1.15%	5.40%	4.50%	3.02%	-15.16%
IYF	Dow Jones US Financial Sector	Specialty-Financial	3	3.86%	1.22%	9.54%	-0.97%	0.27%	-47.89%
EWL	iShares Switzerland Index	Europe Stock	3	-2.86%	-2.33%	7.27%	10.90%	6.87%	-12.30%
EWQ	iShares France Index	Europe Stock	3	-1.91%	-3.38%	4.28%	14.76%	9.41%	-6.03%
EWU	iShares United Kingdom Index	Europe Stock	3	-0.45%	-2.28%	5.44%	7.47%	5.85%	-13.01%
EZA	iShares South Africa Index	Emerging Markets Equi	3	9.23%	-2.37%	3.49%	-0.14%	2.13%	-44.26%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	3	0.74%	-1.00%	7.38%	5.95%	5.85%	-85.01%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	0.14%	-1.39%	6.75%	6.23%	2.60%	-14.49%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3	0.30%	0.40%	4.58%	7.08%	5.84%	-23.52%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	3	4.00%	1.11%	8.36%	0.24%	0.27%	-22.43%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	3	1.22%	0.45%	6.08%	2.52%	2.99%	-8.79%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	3	3.41%	2.16%	1.89%	3.91%	3.61%	-37.32%
VFH	Vanguard Financials	Financials Equities	3	4.31%	1.33%	8.35%	-1.50%	-0.43%	-19.91%
IYM	Dow Jones US Basic Mat's	Materials	3	3.16%	-1.40%	4.23%	5.06%	3.15%	-14.89%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	3.24%	1.30%	7.38%	1.80%	2.72%	-9.41%
XLF	Financial Select Sector *	Financial Equities	3	2.78%	0.93%	8.51%	-1.61%	-0.11%	-18.76%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	2	2.13%	-0.57%	4.71%	3.47%	5.31%	-51.73%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	2	-0.09%	-1.92%	4.46%	6.84%	3.36%	-33.09%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	2	2.20%	-0.10%	6.00%	0.40%	1.80%	-61.33%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2	3.18%	0.04%	6.18%	-1.07%	0.98%	-6.92%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	2	2.83%	0.55%	7.48%	-1.80%	0.98%	-26.04%
FXI	iShares China 25 Index	China Equities	2	3.67%	0.90%	0.45%	2.76%	4.00%	-46.61%
ECH	iShares Chile Index	Latin America	2	-2.80%	0.07%	4.10%	7.83%	6.57%	-48.00%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	2	2.14%	2.06%	3.62%	1.06%	1.75%	-29.21%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	2.32%	1.56%	0.31%	1.82%	1.88%	-26.99%
FXO	1st Trust Financials AlphaDEX	Financial Equities	2	6.58%	0.31%	8.59%	-5.83%	-3.96%	-20.65%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	2	-0.59%	-0.24%	4.69%	3.59%	3.15%	-9.10%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2	3.08%	-0.71%	5.10%	2.08%	0.43%	-25.37%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	2.16%	0.83%	0.00%	1.62%	1.61%	-25.58%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	1	2.11%	-1.11%	4.35%	-0.87%	1.23%	-15.87%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	1.34%	0.36%	1.85%	2.40%	1.04%	-71.63%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	1.40%	-0.34%	5.60%	-1.31%	1.44%	-8.49%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	1	2.28%	-0.55%	3.51%	-0.19%	0.42%	-36.66%
GLD	SPDR Gold Shares	Precious Metals	1	0.04%	-2.25%	-2.06%	7.23%	5.81%	-6.18%
IAU	iShares Gold Trust	Precious Metals	1	0.05%	-2.29%	-2.08%	7.29%	5.84%	-5.86%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	0.23%	-0.67%	-0.11%	3.62%	1.27%	-23.09%
SDY	SPDR Dividend ETF	Large Value	1	1.74%	-0.53%	5.11%	-1.08%	0.13%	-6.48%
HDV	iShares Core High Dividend	Large Cap Value Equiti	1	2.57%	-1.71%	4.23%	-2.78%	-0.40%	-7.81%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-0.88%	1.15%	0.86%	1.04%	-1.37%	-8.38%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	1.35%	0.48%	1.86%	2.02%	1.01%	-15.57%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	1.20%	0.64%	1.88%	1.95%	1.01%	-10.72%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	1.65%	-0.45%	2.68%	-0.71%	-0.77%	-16.02%
FXE	CurrencyShares Euro Currency Trust	Currency	1	1.61%	-0.17%	0.99%	2.30%	3.89%	-16.10%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	1	3.37%	-1.11%	5.06%	-1.50%	-0.40%	-11.80%
IYZ	Down Jones US Telecom	Commun. Equities	1	2.58%	2.58%	0.59%	-0.89%	-1.45%	-39.16%
EDV	Vanguard Extended Duration Treasury	Government Bonds	1	2.30%	-1.55%	-3.39%	4.87%	-0.24%	-51.30%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	1.02%	0.31%	1.54%	1.32%	0.65%	-13.74%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.28%	0.42%	1.14%	0.72%	0.59%	-0.78%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	1.15%	0.37%	1.77%	1.90%	0.85%	-12.22%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	0.51%	-1.66%	5.35%	-1.94%	0.55%	-9.74%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	1	-0.77%	2.29%	3.89%	-3.40%	-0.16%	-11.19%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	-0.12%	-1.52%	5.39%	0.16%	2.31%	-30.91%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	0.93%	-2.31%	2.33%	1.61%	1.73%	-19.44%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	-0.59%	-0.80%	4.80%	2.05%	2.84%	-6.15%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	2.11%	-1.16%	-1.21%	3.13%	0.89%	-30.88%
IYH	Dow Jones US Healthcare	Specialty-Health	1	1.03%	-1.10%	5.10%	-1.93%	1.17%	-7.83%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	-1.12%	-0.67%	5.12%	-0.57%	0.42%	-8.11%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	1.16%	-0.88%	5.30%	-2.67%	0.74%	-7.43%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	1	2.63%	-1.55%	4.88%	-0.11%	-0.50%	-31.46%
KIE	SPDR S&P Insurance	Specialty-Financial	1	0.15%	-0.84%	7.25%	-1.76%	-0.45%	-57.12%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	0.96%	-0.05%	2.04%	2.14%	0.73%	-10.46%
XME	SPDR S&P Metals & Mining	Commodity Producers	1	5.80%	-2.95%	0.22%	0.38%	-1.19%	-24.07%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	1.10%	0.29%	1.98%	2.28%	1.63%	-10.98%
PZA	Pshares Insured National Munis	National Munis	1	0.94%	0.08%	0.60%	2.88%	1.76%	-14.24%
SCHD	Schwab US Dividend Equity	All Cap Equities	1	4.03%	0.07%	4.38%	-2.89%	-0.15%	-10.47%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	1	1.89%	-3.33%	2.44%	1.34%	-3.13%	-26.76%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	1	2.07%	-2.33%	2.41%	0.36%	-2.40%	-23.93%
BBH	VanEck Vectors Biotech	Health & Biotech	1	2.28%	-0.72%	3.20%	1.22%	1.63%	-26.75%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	1	2.17%	-0.40%	4.61%	-2.49%	-1.00%	-10.90%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	0	1.69%	-3.09%	2.78%	0.21%	-3.18%	-26.11%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BNDX	Vanguard Total International Bond	Total Bond Market	0	0.02%	-0.02%	-1.28%	2.45%	0.39%	-17.95%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	1.07%	-0.96%	-1.15%	2.32%	0.85%	-22.47%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	0	0.75%	-2.41%	4.59%	-2.58%	-0.09%	-8.34%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	0	3.96%	-1.02%	2.59%	-4.53%	-4.45%	-25.68%
BLV	Vanguard Long Term Bond	Long-Term Bond	0	1.38%	-1.44%	-2.06%	3.20%	0.48%	-36.39%
MUB	iShares S&P National Muni Bond	National Munis	0	0.69%	-0.20%	-0.31%	1.22%	0.96%	-9.44%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	1.80%	-1.29%	5.03%	-4.10%	-0.64%	-11.56%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	0	2.72%	-1.66%	4.66%	-5.27%	-2.64%	-15.68%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	0	2.18%	-2.76%	5.06%	-2.50%	-0.66%	-10.30%
XLP	Consumer Staples Select *	Consumer Staples	0	-1.70%	-1.89%	3.94%	0.04%	1.54%	-7.43%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	0.34%	-0.54%	-1.08%	1.77%	0.60%	-18.64%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	0	3.01%	-1.93%	-4.22%	4.64%	-0.86%	-51.91%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	1.24%	-0.48%	-1.98%	1.52%	1.82%	-27.60%
KBE	SPDR S&P Bank	Specialty-Financial	0	7.91%	1.23%	7.57%	-16.32%	-12.68%	-37.46%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.19%	-0.29%	-0.54%	1.84%	0.07%	-9.91%
JXI	iShares S&P Global Utilities	Utilities Equities	0	0.02%	-3.31%	5.21%	0.05%	1.35%	-10.80%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.05%	-0.73%	-1.48%	1.25%	-0.08%	-19.48%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	-0.45%	-0.94%	-1.39%	0.91%	0.15%	-12.64%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	0.02%	-0.94%	-1.66%	1.42%	0.24%	-18.66%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	0	-2.08%	3.60%	6.31%	-8.71%	-2.32%	-30.45%
TLT	iShares 20+ Treas. Bd	Government Bonds	0	1.16%	-1.90%	-3.20%	3.46%	-0.25%	-39.97%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.12%	-0.13%	-0.17%	0.22%	0.11%	-1.08%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-0.18%	-0.60%	-0.62%	0.72%	0.36%	-9.03%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	0.15%	-0.90%	-1.54%	1.51%	0.33%	-17.70%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	0.25%	-0.99%	-1.35%	2.03%	0.78%	-18.62%
MCHI	iShares MSCI China	China Equities	0	2.91%	-2.05%	-2.59%	0.57%	1.70%	-50.85%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	-0.23%	-83.14%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-0.35%	-0.62%	-0.96%	0.60%	0.22%	-8.74%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0	-1.84%	-1.49%	4.47%	-1.67%	0.81%	-6.56%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	-0.42%	-1.15%	-1.86%	1.71%	0.37%	-19.90%
FPE	First Trust Preferred Securities and Income	Preferred Stock	0	1.33%	-0.44%	2.70%	-4.82%	-4.46%	-22.94%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	0.03%	-0.98%	-1.53%	1.46%	0.29%	-18.54%
SLV	iShares Silver Trust	Precious Metals	0	1.76%	-5.31%	3.10%	-0.36%	6.27%	-18.74%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.55%	-0.73%	-1.10%	0.70%	0.21%	-8.99%
XLU	Utilities Select Sector *	Utilities Equities	-1	1.10%	-3.57%	5.09%	-5.05%	-1.74%	-14.31%
DVY	iShares Select Dividend Index	Large Cap Value	-1	2.27%	-3.26%	3.32%	-5.18%	-3.05%	-13.46%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-1	1.15%	-3.52%	4.05%	-5.09%	-1.93%	-14.08%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-1	2.70%	-2.61%	2.44%	-6.33%	-3.43%	-11.60%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	-0.86%	-1.20%	-2.14%	1.06%	-0.01%	-16.58%
XLE	Energy Select Sector *	Energy Equities	-1	2.47%	-5.26%	4.37%	-7.42%	-4.06%	-13.92%
VDE	Vanguard Energy VIPERS	Energy Equities	-1	2.83%	-4.27%	3.76%	-7.40%	-4.28%	-14.84%
DBC	PowerShares DB Commodity Index	Commodities	-1	1.93%	-2.89%	1.44%	-5.96%	-4.14%	-24.07%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.63%	-0.86%	-1.45%	0.14%	-0.22%	-7.12%
DJP	Bloomberg Commodity Index	Commodities	-1	3.27%	-2.07%	2.70%	-7.36%	-3.94%	-24.20%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	-0.72%	-1.54%	-2.57%	1.58%	-0.11%	-20.94%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	-0.43%	-1.20%	-1.92%	1.32%	0.05%	-18.66%
GSG	iShares GSCI Commodity Index	Commodities.	-1	2.38%	-2.28%	3.13%	-6.97%	-4.18%	-25.02%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-1	2.70%	-4.05%	2.57%	-4.55%	-1.95%	-15.21%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-1	-0.55%	-1.39%	-1.86%	1.60%	-0.15%	-17.64%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.70%	-0.90%	-1.59%	-0.08%	-0.40%	-6.82%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-1	-2.76%	-8.98%	-0.99%	8.16%	5.47%	-30.38%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-1	-1.21%	-4.70%	0.82%	-0.77%	0.51%	-24.89%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	-0.90%	-1.29%	-2.24%	0.83%	-0.19%	-15.81%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	-0.90%	-1.15%	-1.93%	1.07%	0.13%	-13.41%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-1	0.27%	-2.10%	2.03%	-2.32%	-1.05%	-39.34%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	0.00%	-2.79%	1.58%	-2.56%	-1.48%	-35.29%
IGE	iShares North American Natural Resources	Commodity Producers	-1	1.78%	-4.31%	4.15%	-5.53%	-3.44%	-15.45%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	0.75%	-0.74%	3.60%	-6.41%	-3.68%	-15.33%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-1	2.47%	-2.45%	3.40%	-5.90%	-3.43%	-13.39%
IDU	Dow Jones US Utilities	Utilities Equities	-1	0.60%	-3.74%	4.66%	-4.75%	-1.88%	-53.45%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-1	0.42%	-3.76%	-0.88%	1.97%	1.31%	-31.96%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-1	2.93%	-1.28%	4.81%	-9.54%	-6.85%	-20.31%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.64%	-0.82%	-1.41%	0.18%	-0.21%	-6.31%
EWK	iShares Belgium Index	Europe Stock	-1	-1.24%	-4.54%	1.33%	2.12%	3.48%	-21.15%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-1	2.47%	-2.98%	2.47%	-4.73%	-2.63%	-11.10%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	0.21%	-1.99%	-3.02%	2.54%	-0.10%	-35.63%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-1	-0.47%	-1.50%	-1.93%	1.51%	0.08%	-17.43%
IXC	S&P Global Energy	Energy Equities	-2	0.38%	-5.58%	3.81%	-4.90%	-3.33%	-12.96%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-2	6.23%	-1.65%	6.47%	-17.76%	-13.96%	-43.96%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-2	1.47%	-4.49%	-1.10%	-3.54%	-4.20%	-23.57%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-2	-3.49%	-10.27%	-2.26%	6.45%	4.27%	-35.58%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-2	1.85%	-3.56%	4.37%	-9.89%	-7.46%	-21.01%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-2	1.18%	-5.23%	1.14%	-3.37%	-2.25%	-15.59%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-2	1.90%	-5.78%	3.19%	-8.80%	-5.59%	-16.04%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-3	-3.24%	-9.87%	-2.60%	2.97%	2.65%	-42.69%
EWK	iShares Hong Kong Index	China Equities	-3	0.45%	-4.05%	-2.41%	-5.38%	-1.32%	-29.25%
DOG	ProShares Short Dow 30	Bear Market	-3	-2.16%	-1.18%	-5.63%	-2.37%	-3.78%	-63.62%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-3	9.39%	0.44%	3.39%	-25.66%	-19.96%	-44.57%
AGQ	ProShares Ultra Silver	Leveraged Commodity	-3	2.64%	-12.26%	3.57%	-6.53%	7.24%	-57.09%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-3	-0.46%	-6.44%	-5.75%	-0.46%	-2.24%	-39.89%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-4	-4.89%	-2.49%	-4.18%	-2.75%	-2.52%	-36.94%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-4	-0.20%	-2.69%	-5.02%	-7.71%	-3.40%	-31.79%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-1.71%	-1.11%	-6.54%	-10.75%	-9.48%	-49.99%
FXY	CurrencyShares Japanese Yen Trust	Currency	-5	-1.10%	-4.33%	-7.01%	-6.68%	-2.73%	-31.38%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-6	-6.60%	-9.63%	-0.15%	-8.08%	-0.75%	-23.59%
RWM	ProShares Short Russell2000	Inverse Equities	-6	-5.39%	-5.04%	-8.41%	-6.54%	-4.59%	-63.57%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-7	5.29%	4.31%	9.28%	-46.96%	-37.84%	-54.00%
SIL	Global X Silver Miners	Commodity Producers	-7	-3.51%	-12.35%	-8.47%	-4.47%	-3.90%	-49.79%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
EWM	iShares Malaysia Index	Emerging Markets Equi	-8	-5.48%	-7.54%	-6.69%	-10.86%	-7.04%	-44.17%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8	-4.67%	-5.95%	-9.69%	-12.16%	-9.48%	-66.19%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-12	-0.57%	-12.76%	-13.73%	-20.51%	-7.07%	-37.58%
UNG	U.S. Natural Gas Fund	Oil & Gas	-15	-6.15%	0.00%	-2.23%	-50.21%	-46.35%	-92.05%
HDGE	Ranger Equity Bear	Inverse Equities	-16	-12.59%	-12.97%	-17.02%	-22.02%	-16.25%	-80.04%
PSQ	ProShares Short QQQ	Inverse Equities	-16	-8.57%	-14.02%	-15.32%	-27.51%	-20.02%	-80.82%