

# HV ETF Master List as of 06/22/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	23	6.85%	23.43%	14.84%	47.91%	28.46%	-5.18%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	21	7.35%	21.88%	11.65%	41.79%	24.58%	-11.20%
IYW	Dow Jones US Technology	Technology Equities	21	6.76%	16.20%	17.55%	43.99%	26.17%	-8.40%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	19	9.00%	15.39%	19.89%	30.53%	21.00%	0.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	19	7.79%	14.30%	15.99%	37.51%	22.32%	-9.36%
ITB	iShares DJ US Home Construction	Building and Constructi	19	10.65%	9.90%	19.68%	35.05%	24.35%	-1.45%
VGT	Vanguard Info Technology	Technolgy Equities	18	6.41%	14.06%	14.38%	35.83%	21.79%	-6.92%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	18	7.22%	12.63%	15.85%	35.22%	20.74%	-11.98%
XLK	Technology Select *	Technology Equities	18	6.41%	14.27%	14.52%	37.01%	22.66%	-3.48%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	18	12.74%	13.50%	14.93%	29.60%	15.83%	-20.83%
IGV	iShares North American Tech-Software	Technology Equities	17	7.45%	14.94%	14.20%	32.71%	20.89%	-23.96%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	17	7.20%	12.76%	15.47%	33.15%	20.06%	-55.65%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	17	7.36%	13.89%	18.29%	28.82%	7.44%	-19.26%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	17	7.37%	14.14%	18.12%	29.16%	19.11%	0.00%
VUG	Vanguard Growth	Large Cap Growth	16	7.08%	11.64%	13.96%	31.02%	18.40%	-14.26%
EWZ	iShares Brazil Index	Latin America Stock	16	11.35%	17.07%	18.47%	17.20%	11.58%	-32.29%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	16	11.87%	11.61%	13.29%	27.45%	14.56%	-21.51%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	16	9.95%	9.77%	16.03%	27.19%	18.08%	-11.07%
IWF	Russell 1000 Growth	Large Growth	14	6.78%	10.91%	13.02%	26.84%	16.70%	-12.21%
ILF	iShares S&P 40 Latin America	Latin America Stock	14	9.16%	12.84%	14.25%	19.79%	11.20%	-30.58%
IYC	iShares US Consumer Services	Consumer Discretionar	13	9.76%	8.80%	10.28%	22.38%	11.91%	-74.83%
VOX	Vanguard Telecom Serv's	Communication Equitie	12	5.07%	6.66%	10.65%	27.42%	14.57%	-30.44%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	11	5.82%	8.56%	10.83%	19.30%	12.39%	-17.74%
IVW	S&P 500/BARRA Growth	Large Growth	11	5.55%	8.31%	10.56%	19.01%	12.16%	-17.91%
SPYG	S&P 500 Growth	Large Cap Growth	11	5.48%	8.22%	10.50%	18.97%	12.08%	-17.96%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	10	4.57%	9.51%	5.47%	19.02%	6.83%	-29.47%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10	5.50%	8.01%	10.17%	18.29%	11.71%	-17.69%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	5.03%	6.43%	8.70%	16.61%	11.42%	-9.17%
EWV	iShares Mexico Index	Latin America Stock	9	3.35%	3.68%	4.13%	25.40%	11.87%	-3.62%
IYT	Dow Jones Transportation	Transportation Equities	9	6.50%	9.99%	7.11%	12.21%	7.42%	-14.41%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	9	5.70%	6.29%	8.56%	14.60%	9.94%	-8.34%
VV	Vanguard LargeCap	Large Cap Blend	9	5.91%	6.52%	8.68%	14.98%	10.12%	-9.68%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9	5.48%	6.18%	8.25%	14.24%	9.55%	-54.98%
VTI	Total Stock Market VIPERs	All Cap Equities	9	5.79%	6.38%	8.20%	13.79%	9.19%	-10.46%
SCHB	Schwab U.S. Broad Market	All Cap Equities	8	5.39%	5.94%	7.83%	13.41%	8.88%	-55.31%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	8	5.54%	6.10%	7.87%	13.47%	8.93%	-10.60%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	8	4.17%	6.79%	6.53%	14.45%	9.62%	-32.82%
IWV	Russell 3000 Index	All Cap Equities	8	5.47%	5.97%	7.84%	13.35%	8.85%	-10.38%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	8	5.36%	5.46%	7.59%	13.16%	8.89%	-9.90%
SPY	SPDR S&P 500	Large Cap Blend	8	5.27%	5.84%	8.13%	14.14%	9.56%	-8.62%
EWJ	iShares Japan Index	Japan Stock	8	4.00%	5.29%	7.71%	14.71%	11.07%	-15.74%

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IVV	S&P 500	Large Blend	8	5.36%	5.93%	8.24%	14.21%	9.64%	-8.55%
IWO	Russell 2000 Growth	Small Growth	8	5.78%	6.98%	6.79%	10.79%	5.90%	-29.40%
IWB	Russell 1000 Index	Large Blend	8	5.45%	6.01%	8.02%	13.86%	9.29%	-9.92%
VIS	Vanguard Industrials	industrials Equities	8	7.61%	6.97%	6.32%	9.40%	7.98%	-3.71%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	8	3.64%	9.89%	15.96%	4.33%	5.20%	-50.23%
VBK	Vanguard SmallCap Growth	Small Cap Growth	7	5.35%	5.64%	5.60%	11.60%	5.82%	-26.81%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	5.74%	5.87%	4.49%	11.32%	6.68%	-24.71%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	6.53%	6.97%	5.94%	9.58%	5.12%	-27.20%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	4.49%	4.16%	5.96%	12.73%	8.91%	-7.67%
PIN	PowerShares India Portfolio	Emerging Markets Equi	7	5.05%	6.78%	10.69%	6.48%	1.49%	-57.06%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	7	7.60%	4.62%	8.07%	8.93%	8.32%	-4.40%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	5.35%	5.81%	5.36%	12.57%	7.52%	-23.66%
INDA	iShares MSCI India	Emerging Markets Equi	6	3.74%	5.42%	10.61%	2.92%	4.06%	-15.40%
IVE	S&P 500/BARRA Value	Large Value	6	5.17%	3.29%	5.56%	8.96%	6.59%	-1.61%
ACWI	iShares MSCI ACWI	Global Equities	6	3.75%	3.09%	5.13%	11.79%	7.61%	-11.51%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	6	5.45%	3.76%	4.01%	10.72%	7.23%	-21.52%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6	6.70%	3.18%	4.93%	10.48%	5.65%	-18.83%
VT	Vanguard Total World Stock Index	Global Equities	6	3.97%	3.21%	5.16%	11.18%	7.22%	-12.27%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	5.04%	4.70%	4.06%	9.77%	5.48%	-22.74%
IYJ	Dow Jones US Industrial	Industrial Equities	5	6.06%	4.23%	4.07%	6.54%	5.52%	-46.74%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	5.61%	3.52%	3.58%	5.41%	3.40%	-17.75%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	5	3.44%	3.01%	4.45%	9.39%	6.88%	-17.83%
IWM	Russell 2000	Small Blend	5	5.26%	5.56%	4.65%	5.14%	2.14%	-24.42%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	0.86%	0.35%	2.77%	16.74%	8.40%	-7.35%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5	4.43%	5.26%	4.37%	7.66%	4.63%	-24.87%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	5	1.58%	1.47%	4.76%	13.43%	4.01%	-8.46%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5	5.33%	4.71%	3.89%	5.43%	2.40%	-61.22%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	4.60%	6.08%	4.01%	4.09%	1.94%	-46.20%
XLI	Industrial Select Sector *	Industrial Equities	5	6.62%	5.08%	4.22%	5.97%	6.12%	-2.85%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	5	3.54%	4.00%	8.53%	4.40%	3.28%	-17.72%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	1.59%	1.49%	4.79%	13.48%	2.64%	-15.66%
VB	Vanguard SmallCap	Small Cap Blend	5	5.47%	4.58%	4.37%	5.69%	2.86%	-18.96%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	4.73%	2.56%	5.33%	5.49%	5.25%	-6.98%
EWI	iShares Italy Index	Europe Stock	4	2.65%	-2.70%	1.94%	15.11%	9.22%	-10.04%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	4	1.29%	-0.90%	2.10%	13.40%	8.10%	-16.64%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	4.93%	3.02%	3.03%	4.81%	2.64%	-12.61%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	0.60%	-0.59%	2.14%	15.05%	2.94%	-17.93%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	4	0.55%	-1.26%	0.21%	16.90%	7.69%	-2.42%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	4	0.71%	-1.19%	2.44%	12.12%	3.66%	-13.98%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4	0.81%	-3.14%	0.67%	16.38%	9.40%	-8.73%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	4.80%	3.40%	3.47%	5.12%	2.68%	-17.29%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	4	3.41%	5.13%	4.27%	3.39%	4.27%	-13.78%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	4.38%	2.25%	4.04%	5.60%	4.01%	-5.79%
IJH	S&P MidCap 400	Mid-Cap Blend	4	4.99%	3.12%	3.12%	4.82%	2.65%	-12.73%

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EWN	iShares Netherlands Index	Europe Stock	4	0.76%	0.59%	0.74%	14.02%	8.28%	-21.05%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4	5.49%	3.20%	2.73%	2.90%	1.38%	-40.06%
EWP	iShares Spain Index	Europe Stock	4	3.15%	-2.70%	0.82%	16.46%	10.13%	-22.30%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	4.54%	2.97%	3.42%	6.56%	3.79%	-71.68%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4	4.89%	2.99%	3.23%	5.17%	2.99%	-68.34%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	5.20%	-0.62%	5.08%	6.22%	5.87%	-84.97%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	3	-0.24%	-1.75%	1.54%	10.63%	5.11%	-2.56%
RSP	Guggenheim S&P Equal Weight	Large Blend	3	4.37%	1.73%	2.46%	3.38%	2.22%	-11.07%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	3	3.60%	2.28%	1.19%	5.87%	3.80%	-28.82%
XLB	Materials Select Sector *	Materials	3	5.88%	0.88%	1.20%	3.40%	2.10%	-11.36%
VXUS	Vanguard Total International Stock	Global Equities	3	2.27%	-0.37%	1.64%	8.12%	5.05%	-17.16%
VBR	Vanguard SmallCap Value	Small Cap Value	3	5.53%	3.68%	3.25%	1.54%	0.66%	-13.18%
EZU	European Monetary Union Index	Europe Stock	3	0.65%	-3.45%	0.07%	13.99%	7.94%	-12.69%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	4.35%	1.94%	3.66%	3.38%	2.76%	-8.60%
PKW	PowerShares Buyback Achievers	All Cap Equities	3	4.38%	1.93%	3.70%	1.48%	1.84%	-11.50%
VAW	Vanguard Materials VIPERS	Materials	3	5.94%	1.39%	0.96%	3.91%	2.31%	-11.34%
IJR	S&P Sm.Cap 600	Small Blend	3	4.34%	4.25%	2.29%	2.60%	0.34%	-19.30%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	3.88%	1.80%	0.49%	4.46%	2.73%	-27.92%
FXB	CurrencyShares British Pound	Currency	3	3.37%	1.91%	2.76%	5.50%	5.55%	-15.76%
XRT	SPDR S&P Retail *	Consumer Discretionar	3	7.28%	1.50%	0.83%	3.06%	-0.90%	-40.19%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	3	5.12%	2.90%	3.26%	2.39%	1.99%	-11.83%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	3	5.39%	4.40%	2.69%	-1.65%	0.02%	-11.14%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	3	2.45%	-0.36%	1.26%	7.10%	3.89%	-22.47%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	3	3.73%	2.11%	0.61%	4.88%	3.11%	-31.42%
EWG	iShares Germany Index	Europe Stock	3	0.21%	-3.21%	-0.11%	14.64%	8.18%	-22.29%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3	5.59%	0.60%	3.15%	2.37%	0.75%	-25.16%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	3	2.23%	-0.31%	1.69%	8.12%	5.06%	-16.96%
SCHF	Schwab International Equity	Foreign Large Cap Equ	3	1.81%	-0.95%	2.22%	10.00%	6.03%	-13.25%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	1.95%	-0.93%	2.14%	9.41%	5.86%	-14.06%
VHT	Vanguard Health Care	Health & Biotech Equiti	2	4.17%	0.88%	4.23%	-0.96%	1.71%	-8.16%
IWS	Russell MidCap Value	Mid-Cap Value	2	4.72%	1.48%	2.09%	1.30%	0.54%	-13.66%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	1.66%	-0.97%	1.04%	7.83%	4.87%	-17.37%
VGK	Vanguard European	Europe Equities	2	0.16%	-3.85%	0.25%	9.92%	5.65%	-13.68%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	2	5.06%	0.85%	0.11%	2.37%	3.77%	-52.25%
IWN	Russell 2000 Value	Small Value	2	4.40%	3.95%	2.26%	-0.74%	-1.90%	-22.18%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	4.19%	-0.10%	2.72%	2.54%	2.43%	-6.50%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	3.55%	1.10%	1.05%	3.00%	2.55%	-37.87%
IYM	Dow Jones US Basic Mat's	Materials	2	5.24%	-0.49%	-1.31%	3.40%	1.22%	-16.24%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	1.66%	-1.11%	0.93%	7.82%	4.83%	-17.04%
ECH	iShares Chile Index	Latin America	2	-0.34%	1.83%	0.73%	7.09%	5.61%	-48.35%
IWD	Russell 1000 Value	Large Value	2	3.99%	0.86%	2.71%	1.86%	1.75%	-9.41%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2	0.90%	-2.13%	1.29%	9.81%	6.23%	-12.24%
IYH	Dow Jones US Healthcare	Specialty-Health	2	3.98%	0.37%	3.70%	-1.40%	1.60%	-7.33%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	2	5.46%	1.31%	2.56%	0.18%	0.33%	-11.54%

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VTV	Vanguard Value	Large Cap Value	2	4.40%	0.96%	2.96%	0.21%	1.55%	-6.72%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	2	3.85%	2.82%	1.49%	1.61%	2.39%	-28.82%
IJS	S&P SmallCap 600/BARRA Value	Small Value	2	4.28%	2.45%	0.64%	1.18%	-1.16%	-46.67%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	2.04%	-1.38%	0.12%	6.67%	3.68%	-23.84%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	2	4.46%	1.11%	1.64%	-0.34%	-0.92%	-59.59%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	2	5.51%	-0.21%	1.87%	-0.77%	1.22%	-15.78%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	2	5.21%	2.32%	0.68%	-0.60%	-1.85%	-66.91%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	2	3.79%	1.78%	0.12%	4.14%	2.21%	-28.82%
EWQ	iShares France Index	Europe Stock	2	-0.05%	-5.49%	-0.29%	13.41%	7.41%	-7.14%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2	0.79%	-2.24%	1.08%	9.12%	5.78%	-13.99%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	2	3.44%	0.65%	2.73%	1.54%	2.10%	-9.44%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	2	3.68%	-0.43%	2.53%	3.97%	-0.35%	-28.36%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	2.69%	0.00%	2.00%	1.78%	2.12%	-9.45%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2	4.63%	1.74%	0.51%	0.86%	-0.11%	-20.01%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	2	1.85%	-1.55%	1.62%	7.37%	4.93%	-11.47%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	2	3.54%	0.34%	3.31%	2.42%	2.91%	-7.76%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	2	3.62%	-1.35%	-0.37%	5.17%	1.57%	-34.14%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1	0.23%	-3.16%	0.09%	6.22%	3.63%	-20.00%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	1	5.23%	1.92%	0.82%	-4.61%	-4.28%	-25.75%
FXE	CurrencyShares Euro Currency Trust	Currency	1	2.29%	-0.57%	0.51%	2.49%	3.85%	-15.95%
EWL	iShares Switzerland Index	Europe Stock	1	-2.56%	-4.44%	1.71%	8.94%	4.60%	-13.84%
EWC	iShares Canada Index	Foreign Large Cap Equ	1	2.09%	-1.89%	0.91%	4.46%	0.80%	-15.91%
ACVW	iShares Edge MSCI Min Vol Global	Global Equities	1	0.92%	-1.51%	1.64%	2.87%	2.31%	-9.72%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	1	0.66%	-3.21%	0.56%	5.97%	4.17%	-18.38%
BNDX	Vanguard Total International Bond	Total Bond Market	1	0.62%	0.04%	-0.43%	2.42%	0.38%	-17.97%
EDV	Vanguard Extended Duration Treasury	Government Bonds	1	3.44%	-2.24%	-2.70%	4.09%	-0.82%	-51.66%
EWA	iShares Australia Index	Asia Pacific Equities	1	2.99%	-1.73%	-0.57%	2.20%	0.52%	-17.02%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1	2.44%	0.69%	0.26%	1.61%	1.61%	-27.14%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	1	2.37%	0.50%	2.06%	-1.10%	0.12%	-61.90%
IEV	S&P Europe 350 Index	Europe Stock	1	-0.16%	-4.13%	0.04%	10.25%	5.91%	-10.46%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	4.28%	-0.07%	3.41%	-3.39%	0.10%	-10.90%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	1	1.17%	-0.38%	0.05%	1.36%	-0.06%	-11.14%
UUP	PowerShares DB US Dollar Bullish	Currency	1	-1.40%	1.77%	1.51%	1.40%	-0.90%	-8.05%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	2.63%	-1.81%	1.90%	2.20%	2.83%	-6.01%
XLF	Financial Select Sector *	Financial Equities	1	3.23%	0.31%	3.40%	-3.86%	-2.43%	-20.62%
RPV	Guggenheim S&P 500 Pure Value	Large Value	1	5.17%	0.78%	0.86%	-3.40%	-3.21%	-15.77%
PZA	Pshares Insured National Munis	National Munis	1	1.99%	-0.30%	-0.38%	2.66%	1.45%	-14.43%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	1	3.70%	0.40%	2.91%	-2.73%	-0.02%	-26.74%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1	2.42%	0.42%	0.03%	1.49%	1.43%	-25.68%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	3.77%	0.11%	1.61%	-0.35%	0.41%	-11.32%
KIE	SPDR S&P Insurance	Specialty-Financial	1	3.28%	-0.17%	2.59%	-2.42%	-1.25%	-57.41%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	2.48%	-1.78%	-1.28%	2.62%	0.38%	-31.22%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	1	2.84%	0.78%	2.67%	-2.76%	-2.74%	-24.75%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	2.04%	-1.20%	2.75%	0.04%	1.99%	-31.00%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1	3.03%	0.77%	-1.63%	3.23%	2.21%	-34.48%
VFH	Vanguard Financials	Financials Equities	1	4.01%	1.32%	3.49%	-3.66%	-2.61%	-21.67%
IYF	Dow Jones US Financial Sector	Specialty-Financial	1	3.30%	0.75%	3.49%	-3.46%	-2.28%	-49.20%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	1	4.02%	-2.06%	-2.81%	4.09%	-1.18%	-52.16%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	3.64%	0.03%	3.40%	-2.51%	0.81%	-7.27%
TLT	iShares 20+ Treas. Bd	Government Bonds	0	2.02%	-2.35%	-2.38%	2.76%	-0.81%	-40.37%
VNQ	Vanguard REIT Index	Real Estate	0	3.64%	-1.26%	-0.06%	-1.49%	-2.87%	-29.96%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	0.15%	-0.69%	-0.42%	1.63%	-0.05%	-10.09%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	0	0.61%	-2.72%	-0.51%	4.43%	2.87%	-25.42%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	1.02%	-0.37%	-0.17%	1.29%	0.32%	-11.30%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	0	2.68%	-0.26%	2.05%	-2.56%	-0.18%	-8.32%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.82%	-0.53%	-0.37%	1.16%	0.10%	-12.86%
RWR	Wilshire REIT Fund	Real Estate	0	2.70%	-1.10%	0.35%	0.00%	-2.16%	-28.66%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	1.02%	-0.96%	-0.56%	0.94%	-0.09%	-16.47%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	1.30%	-1.54%	-1.13%	1.87%	0.39%	-22.82%
EWU	iShares United Kingdom Index	Europe Stock	0	0.40%	-4.27%	0.03%	5.35%	3.37%	-14.73%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	0.81%	-0.68%	-0.44%	0.59%	-0.10%	-14.37%
MUB	iShares S&P National Muni Bond	National Munis	0	1.12%	-0.16%	-0.88%	1.06%	0.75%	-9.58%
IYR	Dow Jones US Real Estate	Real Estate	0	3.45%	-1.62%	0.18%	-1.06%	-2.24%	-28.28%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.12%	0.18%	0.62%	0.76%	0.61%	-0.74%
BLV	Vanguard Long Term Bond	Long-Term Bond	0	2.10%	-2.16%	-1.78%	2.61%	-0.06%	-36.76%
XME	SPDR S&P Metals & Mining	Commodity Producers	0	8.48%	-0.18%	-5.76%	-0.82%	-2.59%	-24.98%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	0.70%	-0.63%	-0.06%	1.11%	0.41%	-12.00%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	1.08%	-1.03%	-0.61%	1.31%	-0.05%	-71.93%
BBH	VanEck Vectors Biotech	Health & Biotech	0	2.20%	0.44%	-0.61%	-0.52%	-0.35%	-28.01%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	0.91%	-1.19%	-0.86%	2.99%	0.65%	-23.56%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	0.55%	-1.47%	-1.24%	1.01%	-0.15%	-18.99%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.08%	-0.20%	-0.17%	0.27%	0.15%	-1.03%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	0.54%	-1.53%	-1.15%	1.60%	0.35%	-18.96%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	0	3.10%	-2.05%	0.94%	-2.25%	0.22%	-10.03%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	-0.09%	-1.35%	-1.08%	0.61%	-0.13%	-12.89%
EWD	iShares Sweden Index	Europe Stock	0	0.96%	-6.68%	-1.42%	7.08%	2.84%	-29.90%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	0.55%	-1.08%	-0.91%	1.00%	-0.27%	-19.68%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	0	1.59%	-2.32%	-2.26%	2.18%	-0.39%	-35.86%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0	-0.04%	-0.76%	-0.35%	0.42%	0.04%	-8.91%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	0	0.82%	-0.58%	0.55%	-1.25%	-1.25%	-16.47%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	0.74%	-1.26%	-0.97%	1.12%	-0.03%	-19.16%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.22%	-1.14%	-0.85%	0.45%	-0.04%	-9.22%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	0	1.15%	-4.87%	-1.83%	4.64%	2.38%	-27.62%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	0.12%	-1.79%	-1.43%	1.21%	-0.11%	-20.29%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	0.04%	-0.85%	-0.42%	0.55%	0.19%	-9.19%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	0	3.74%	-1.34%	2.94%	-5.70%	-2.72%	-14.68%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	0.51%	-1.45%	-1.16%	1.06%	-0.09%	-18.86%
VYM	Vanguard High Div. Yield Index	Large Cap Value	0	2.78%	-1.32%	0.13%	-3.42%	-1.51%	-9.13%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0	1.53%	-1.70%	-2.30%	0.58%	0.78%	-28.27%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	0	2.57%	-1.00%	-0.12%	-1.69%	-1.98%	-32.54%
DJP	Bloomberg Commodity Index	Commodities	0	5.23%	0.61%	-0.06%	-7.53%	-3.90%	-24.34%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	0.49%	-1.49%	-1.20%	1.01%	-0.14%	-18.11%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0	1.84%	-2.56%	1.32%	-1.06%	1.34%	-5.99%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	-0.22%	-83.14%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-1	1.21%	-0.31%	0.51%	-5.42%	-4.84%	-23.42%
SDY	SPDR Dividend ETF	Large Value	-1	1.94%	-2.94%	-1.21%	-3.67%	-2.55%	-8.93%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	-0.38%	-1.15%	-1.11%	-0.02%	-0.40%	-6.51%
XLP	Consumer Staples Select *	Consumer Staples	-1	1.49%	-3.58%	0.22%	-0.38%	1.00%	-7.82%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-1	0.03%	-2.20%	-1.89%	1.12%	-0.26%	-17.75%
DBC	PowerShares DB Commodity Index	Commodities	-1	3.07%	-0.77%	-1.53%	-6.04%	-4.08%	-24.14%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	1.84%	-3.38%	-2.65%	-0.54%	-0.59%	-21.14%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	-0.36%	-1.13%	-1.11%	-0.03%	-0.38%	-7.28%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-1	-0.32%	-1.90%	-1.52%	0.55%	-0.49%	-17.01%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-1	-2.98%	1.44%	1.59%	-3.97%	-0.82%	-11.71%
SCHD	Schwab US Dividend Equity	All Cap Equities	-1	2.56%	-0.56%	-1.22%	-5.45%	-2.87%	-12.84%
JXI	iShares S&P Global Utilities	Utilities Equities	-1	1.65%	-4.23%	-0.52%	-0.55%	0.81%	-11.34%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-1	1.67%	-2.31%	-1.55%	-0.23%	-2.81%	-24.38%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-1	0.42%	-3.78%	-1.72%	-0.90%	-4.10%	-26.93%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-1	0.81%	-3.46%	-2.45%	-0.09%	-4.31%	-27.80%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-1	-0.40%	-1.78%	-1.33%	0.61%	-0.31%	-13.80%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	-0.05%	-2.31%	-1.91%	0.96%	-0.67%	-21.42%
ICF	Cohen & Steers Realty	Real Estate	-1	3.22%	-2.70%	-1.23%	-2.24%	-3.25%	-57.44%
IAU	iShares Gold Trust	Precious Metals	-1	-1.36%	-3.79%	-3.49%	4.83%	3.02%	-8.02%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-1	1.52%	-3.13%	-1.26%	-2.22%	-3.20%	-29.28%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-1	-0.32%	-1.94%	-1.63%	0.37%	-0.62%	-16.20%
SCHH	Schwab U.S. REIT	Real Estate	-1	2.51%	-2.69%	-1.42%	-2.54%	-3.61%	-64.32%
GSG	iShares GSCI Commodity Index	Commodities.	-1	2.87%	0.36%	-0.86%	-7.21%	-4.27%	-25.21%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-1	0.13%	-1.63%	-1.46%	0.92%	-0.31%	-18.98%
GLD	SPDR Gold Shares	Precious Metals	-1	-1.38%	-3.81%	-3.51%	4.76%	2.97%	-8.34%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	-1	-0.04%	-1.96%	-1.71%	1.26%	-0.41%	-17.92%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-1	0.36%	-2.28%	0.84%	-1.13%	-0.22%	-8.63%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	-0.41%	-1.17%	-1.23%	-0.25%	-0.55%	-6.98%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-1	4.16%	-0.43%	0.87%	-9.45%	-7.50%	-23.70%
IDU	Dow Jones US Utilities	Utilities Equities	-2	2.50%	-3.62%	-1.20%	-5.21%	-2.09%	-53.67%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-2	2.01%	-2.25%	-1.72%	-4.90%	-3.46%	-13.10%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-2	2.86%	-3.61%	-1.24%	-5.75%	-2.36%	-14.68%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	1.90%	-4.11%	-1.16%	-2.93%	-2.27%	-38.39%
FXI	iShares China 25 Index	China Equities	-2	3.98%	-2.66%	-8.26%	-3.04%	-1.95%	-49.62%
DOG	ProShares Short Dow 30	Bear Market	-2	-4.08%	-0.67%	-3.02%	-1.89%	-3.06%	-63.44%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-2	3.22%	-3.79%	-2.86%	-4.76%	-3.77%	-14.73%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-2	1.59%	-2.49%	-1.25%	-4.63%	-2.32%	-9.56%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-2	6.32%	-5.48%	-2.38%	-6.98%	-8.34%	-53.71%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-2	2.70%	-4.20%	-1.57%	-3.94%	-1.96%	-11.63%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-2	-4.93%	3.41%	3.23%	-8.55%	-2.20%	-30.33%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-2	3.49%	-3.31%	-2.55%	-7.44%	-4.77%	-17.61%
XLU	Utilities Select Sector *	Utilities Equities	-3	2.18%	-4.46%	-1.79%	-6.38%	-2.86%	-15.51%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-3	2.54%	-3.42%	-3.21%	-8.52%	-5.64%	-13.66%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-3	0.40%	-0.86%	-1.63%	-11.88%	-9.03%	-22.37%
DVY	iShares Select Dividend Index	Large Cap Value	-3	2.45%	-4.20%	-3.56%	-7.25%	-5.08%	-15.35%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-3	3.13%	-3.61%	-4.92%	-4.68%	-5.21%	-24.47%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-3	-1.68%	-5.37%	-5.75%	-0.64%	-1.40%	-33.70%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-3	1.64%	-4.14%	-3.24%	-6.97%	-4.89%	-13.20%
IYZ	Down Jones US Telecom	Commun. Equities	-3	1.67%	-3.48%	-5.91%	-4.90%	-5.28%	-41.63%
EZA	iShares South Africa Index	Emerging Markets Equi	-3	7.69%	-6.60%	-6.16%	-5.52%	-3.58%	-47.26%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-4	2.22%	-4.70%	-4.17%	-8.84%	-6.36%	-16.10%
EWH	iShares Hong Kong Index	China Equities	-4	1.98%	-5.65%	-5.33%	-6.95%	-2.97%	-30.43%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-4	1.63%	-5.51%	-5.33%	-8.10%	-5.65%	-18.35%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-4	-0.80%	-6.25%	-3.48%	-5.27%	-4.11%	-37.09%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-4	-1.13%	-6.66%	-4.90%	-3.50%	-2.36%	-26.95%
MCHI	iShares MSCI China	China Equities	-4	2.83%	-4.93%	-10.42%	-4.99%	-3.99%	-53.57%
IXC	S&P Global Energy	Energy Equities	-4	-1.17%	-6.13%	-3.64%	-6.98%	-5.51%	-14.86%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-4	-1.35%	-11.82%	-8.21%	4.15%	0.91%	-32.97%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-4	-2.22%	-4.74%	-7.03%	-2.52%	-2.30%	-36.79%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-3.22%	0.22%	-2.59%	-9.80%	-8.03%	-49.45%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-4	1.46%	-5.14%	-5.83%	-6.17%	-5.19%	-18.05%
EWK	iShares Belgium Index	Europe Stock	-4	-1.00%	-7.29%	-5.72%	-0.67%	0.32%	-23.31%
IGE	iShares North American Natural Resources	Commodity Producers	-4	0.48%	-4.41%	-3.55%	-7.80%	-5.78%	-17.48%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-5	-0.15%	-6.65%	-8.85%	-3.75%	-5.41%	-41.88%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-5	-1.28%	-12.09%	-8.67%	3.27%	0.55%	-37.51%
VDE	Vanguard Energy VIPERS	Energy Equities	-5	0.03%	-4.95%	-3.69%	-9.82%	-6.82%	-17.07%
RWM	ProShares Short Russell2000	Inverse Equities	-5	-5.86%	-5.86%	-4.63%	-5.33%	-3.21%	-63.10%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-5	-0.57%	-2.91%	-3.91%	-12.10%	-9.57%	-22.96%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-5	-1.73%	-8.18%	-4.96%	-6.87%	-5.59%	-42.17%
FXY	CurrencyShares Japanese Yen Trust	Currency	-6	-2.12%	-6.53%	-7.43%	-8.57%	-4.70%	-32.76%
XLE	Energy Select Sector *	Energy Equities	-6	-1.47%	-7.05%	-5.28%	-10.92%	-7.76%	-17.18%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-6	-0.99%	-6.17%	-5.07%	-11.36%	-8.21%	-18.40%
SLV	iShares Silver Trust	Precious Metals	-6	-1.58%	-10.31%	-6.43%	-6.77%	-1.07%	-23.96%
KBE	SPDR S&P Bank	Specialty-Financial	-7	1.85%	-2.41%	-3.79%	-21.88%	-17.97%	-41.62%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-7	0.86%	-2.46%	-3.77%	-22.39%	-18.27%	-47.12%
EWM	iShares Malaysia Index	Emerging Markets Equi	-7	-2.22%	-7.23%	-8.49%	-11.25%	-7.32%	-44.42%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-7	-2.33%	-12.15%	-11.62%	-1.23%	-2.10%	-45.03%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-8	-3.90%	-6.96%	-9.86%	-12.13%	-8.03%	-35.05%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8	-5.95%	-6.02%	-7.56%	-12.29%	-9.32%	-66.24%
UNG	U.S. Natural Gas Fund	Oil & Gas	-8	6.07%	4.22%	7.34%	-49.15%	-43.00%	-91.88%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-9	5.79%	3.52%	2.99%	-48.12%	-38.35%	-55.00%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-11	-9.88%	-14.67%	-6.44%	-14.05%	-7.37%	-28.55%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SIL	Global X Silver Miners	Commodity Producers	-11	-3.17%	-14.97%	-16.79%	-9.05%	-8.76%	-52.19%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-11	0.90%	-4.22%	-7.53%	-31.63%	-25.70%	-49.02%
HDGE	Ranger Equity Bear	Inverse Equities	-13	-10.37%	-11.12%	-11.15%	-19.10%	-12.62%	-79.29%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-14	-3.07%	-13.39%	-16.23%	-24.81%	-12.46%	-40.96%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-15	-4.12%	-21.40%	-15.37%	-18.63%	-7.35%	-62.64%
PSQ	ProShares Short QQQ	Inverse Equities	-16	-8.28%	-13.14%	-14.05%	-27.72%	-19.77%	-80.87%