

HV ETF Master List as of 12/21/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ITB	iShares DJ US Home Construction	Building and Constructi	38	16.63%	40.20%	27.67%	66.96%	25.40%	-1.37%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	33	15.38%	36.14%	23.57%	57.92%	23.87%	-0.50%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	31	10.21%	29.22%	20.37%	63.25%	18.52%	-0.47%
SMH	VanEch Vectors Semiconductor	Technology Equities	31	7.11%	26.04%	20.08%	70.75%	18.65%	-0.47%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	28	16.01%	40.27%	27.52%	29.08%	21.19%	-19.17%
IYW	Dow Jones US Technology	Technology Equities	27	4.57%	20.86%	16.90%	64.37%	16.00%	-0.27%
IGV	iShares North American Tech-Software	Technology Equities	27	6.85%	23.51%	19.65%	58.98%	19.42%	-8.91%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	26	19.46%	43.65%	33.51%	7.31%	15.22%	-46.60%
XLK	Technology Select *	Technology Equities	24	4.01%	19.73%	17.40%	54.13%	14.55%	-0.41%
VGT	Vanguard Info Technology	Technolgy Equities	24	5.09%	20.92%	16.91%	51.26%	14.07%	-0.38%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	23	4.69%	18.66%	13.90%	53.14%	13.67%	-0.34%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	22	3.48%	18.45%	14.51%	50.74%	13.25%	-1.87%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	22	8.39%	24.02%	14.75%	40.37%	13.45%	-13.55%
EWW	iShares Mexico Index	Latin America Stock	22	8.58%	24.31%	16.04%	37.21%	11.55%	-1.41%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	21	7.47%	22.14%	12.91%	39.99%	12.17%	-14.48%
VUG	Vanguard Growth	Large Cap Growth	21	3.99%	18.76%	14.18%	45.75%	12.90%	-4.62%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	21	4.01%	18.32%	14.04%	49.24%	13.59%	-50.29%
VOX	Vanguard Telecom Serv's	Communication Equitie	19	3.58%	16.55%	11.53%	43.00%	11.63%	-21.93%
IWF	Russell 1000 Growth	Large Growth	19	3.97%	17.75%	13.64%	41.22%	12.62%	-2.26%
XRT	SPDR S&P Retail *	Consumer Discretionar	19	13.07%	23.28%	19.52%	19.50%	15.47%	-30.65%
IYC	iShares US Consumer Services	Consumer Discretionar	19	7.06%	20.82%	14.22%	33.85%	11.94%	-72.48%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	19	11.95%	25.54%	16.55%	23.27%	12.84%	-9.44%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	18	10.89%	22.48%	13.88%	23.11%	13.09%	-18.21%
KBE	SPDR S&P Bank	Specialty-Financial	18	15.85%	29.23%	24.99%	1.35%	21.26%	-24.25%
XME	SPDR S&P Metals & Mining	Commodity Producers	18	12.71%	22.72%	14.38%	20.70%	18.05%	-8.70%
EWD	iShares Sweden Index	Europe Stock	18	8.08%	25.85%	18.73%	20.75%	12.32%	-20.96%
IYT	Dow Jones Transportation	Transportation Equities	17	8.02%	23.19%	12.51%	23.18%	10.46%	-6.04%
IJS	S&P SmallCap 600/BARRA Value	Small Value	16	12.61%	23.08%	14.34%	12.19%	11.12%	-40.87%
IWP	Russell MidCap Growth	Mid-Cap Growth	16	7.52%	20.20%	13.19%	24.01%	11.19%	-15.91%
VBK	Vanguard SmallCap Growth	Small Cap Growth	16	10.88%	21.39%	12.12%	20.09%	9.79%	-21.25%
KRE	SPDR S&P Region.Banking	Specialty-Financial	16	17.30%	31.12%	26.13%	-11.34%	20.55%	-33.89%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	16	10.56%	25.53%	17.12%	11.11%	13.75%	-0.08%
EWN	iShares Netherlands Index	Europe Stock	16	5.41%	21.33%	18.44%	19.90%	7.62%	-16.98%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	15	14.52%	29.35%	21.71%	-5.73%	16.85%	-35.76%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	15	4.07%	14.67%	11.28%	28.91%	10.41%	-0.73%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	15	16.45%	28.39%	18.24%	-1.49%	3.06%	-54.72%
IJR	S&P Sm.Cap 600	Small Blend	15	11.83%	21.75%	13.47%	13.87%	11.48%	-10.43%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	15	10.91%	20.60%	14.12%	13.64%	13.00%	-62.17%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	15	7.47%	19.59%	11.64%	21.23%	9.98%	-18.01%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	15	10.81%	20.31%	12.52%	15.33%	11.67%	-40.38%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	15	14.95%	27.94%	14.78%	2.01%	7.42%	-51.34%

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FEZ	SPDR Euro Stoxx 50	Europe Stock	15	4.19%	17.30%	13.72%	23.33%	6.74%	-3.28%
IWO	Russell 2000 Growth	Small Growth	15	10.89%	21.35%	10.86%	16.63%	8.73%	-25.68%
IWN	Russell 2000 Value	Small Value	15	11.83%	21.78%	13.79%	11.71%	12.03%	-12.42%
IWM	Russell 2000	Small Blend	15	11.31%	21.62%	12.41%	14.49%	10.46%	-17.70%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	15	11.13%	21.69%	13.06%	16.05%	11.06%	-57.32%
VB	Vanguard SmallCap	Small Cap Blend	14	9.86%	19.67%	12.04%	15.72%	10.33%	-11.27%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	14	9.62%	20.17%	12.50%	12.72%	10.04%	-34.34%
SPYG	S&P 500 Growth	Large Cap Growth	14	3.16%	13.53%	9.31%	28.20%	8.88%	-11.59%
SCHB	Schwab U.S. Broad Market	All Cap Equities	14	4.71%	15.64%	10.83%	23.57%	9.54%	-51.31%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	14	4.23%	15.19%	10.65%	24.30%	9.46%	-51.02%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	14	3.14%	13.60%	9.35%	28.24%	8.88%	-11.58%
IWV	Russell 3000 Index	All Cap Equities	14	4.75%	15.59%	10.74%	23.38%	9.48%	-2.45%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	14	7.84%	19.95%	13.87%	12.49%	12.50%	-12.95%
IYR	Dow Jones US Real Estate	Real Estate	14	9.61%	21.08%	16.18%	7.47%	8.48%	-22.09%
VV	Vanguard LargeCap	Large Cap Blend	14	3.94%	15.05%	10.69%	24.72%	9.42%	-2.02%
VTI	Total Stock Market VIPERs	All Cap Equities	14	4.75%	15.61%	10.82%	23.48%	9.52%	-2.83%
IWB	Russell 1000 Index	Large Blend	14	4.38%	15.34%	10.71%	23.93%	9.44%	-1.96%
EDV	Vanguard Extended Duration Treasury	Government Bonds	14	15.45%	26.24%	17.04%	-1.13%	2.79%	-54.09%
EWG	iShares Germany Index	Europe Stock	14	4.68%	19.02%	13.09%	19.45%	5.80%	-19.02%
IVW	S&P 500/BARRA Growth	Large Growth	14	3.19%	13.57%	9.30%	28.21%	8.89%	-11.57%
VIS	Vanguard Industrials	industrials Equities	14	6.98%	17.62%	11.25%	19.46%	10.22%	-0.43%
ILF	iShares S&P 40 Latin America	Latin America Stock	14	3.64%	14.78%	13.24%	25.56%	10.08%	-27.24%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	14	4.75%	15.62%	10.76%	23.42%	9.46%	-2.76%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	13	5.66%	15.87%	18.27%	11.93%	10.01%	-47.79%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	13	4.48%	15.17%	10.94%	23.07%	9.49%	-2.02%
ICF	Cohen & Steers Realty	Real Estate	13	8.94%	19.74%	16.22%	5.96%	7.93%	-53.87%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	13	7.49%	17.76%	11.16%	14.44%	8.99%	-65.55%
IYJ	Dow Jones US Industrial	Industrial Equities	13	6.78%	17.96%	11.66%	17.41%	10.00%	-41.31%
MDY	MidCap Trust Series I	Mid-Cap Blend	13	8.18%	17.60%	10.49%	14.41%	9.21%	-4.60%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	13	8.34%	11.61%	19.40%	11.06%	4.83%	-32.79%
RWR	Wilshire REIT Fund	Real Estate	13	9.54%	19.64%	13.98%	8.22%	7.50%	-22.80%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	13	8.36%	17.47%	10.31%	14.14%	8.88%	-10.19%
SCHH	Schwab U.S. REIT	Real Estate	13	9.23%	19.91%	15.71%	6.17%	8.13%	-61.13%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	13	3.25%	13.65%	9.26%	27.45%	8.84%	-11.32%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	13	4.60%	16.02%	9.80%	19.65%	9.11%	-15.78%
IVE	S&P 500/BARRA Value	Large Value	13	4.78%	15.90%	11.61%	18.60%	9.02%	-1.18%
IJH	S&P MidCap 400	Mid-Cap Blend	13	8.17%	17.62%	10.55%	14.34%	9.14%	-4.80%
IVV	S&P 500	Large Blend	13	3.82%	14.59%	10.35%	23.61%	8.94%	-1.03%
SIL	Global X Silver Miners	Commodity Producers	13	9.97%	18.34%	20.57%	2.17%	6.95%	-46.30%
SPY	SPDR S&P 500	Large Cap Blend	13	3.82%	14.58%	10.31%	23.60%	8.97%	-1.05%
EWP	iShares Spain Index	Europe Stock	13	0.86%	15.55%	10.68%	25.97%	7.54%	-15.95%
EZU	European Monetary Union Index	Europe Stock	13	3.66%	16.73%	12.38%	19.86%	5.80%	-8.19%
VBR	Vanguard SmallCap Value	Small Cap Value	13	9.25%	18.53%	11.97%	12.86%	10.85%	-3.50%
EWI	iShares Italy Index	Europe Stock	13	2.77%	14.93%	11.00%	25.13%	7.28%	-2.20%

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VNQ	Vanguard REIT Index	Real Estate	13	9.54%	20.66%	15.81%	5.93%	7.94%	-24.69%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	13	3.80%	14.59%	10.32%	23.61%	8.90%	-1.13%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	13	7.62%	21.76%	14.09%	8.61%	6.35%	-24.88%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	13	7.64%	15.29%	19.25%	8.27%	5.56%	-39.73%
VO	Vanguard Mid-Cap	Mid-Cap Blend	12	6.50%	16.70%	10.41%	13.14%	8.14%	-11.72%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	12	8.34%	16.67%	12.78%	10.61%	8.53%	-33.28%
VFH	Vanguard Financials	Financials Equities	12	6.63%	17.90%	12.88%	10.36%	12.10%	-10.27%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	12	8.34%	16.29%	11.00%	10.87%	9.85%	-55.05%
EWZ	iShares Brazil Index	Latin America Stock	12	1.66%	12.59%	12.71%	22.74%	10.68%	-29.08%
XLI	Industrial Select Sector *	Industrial Equities	12	5.88%	15.71%	10.47%	14.64%	8.60%	-0.60%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	12	6.90%	15.59%	8.94%	15.92%	8.44%	-69.20%
IYF	Dow Jones US Financial Sector	Specialty-Financial	12	6.10%	16.80%	12.01%	11.75%	12.26%	-41.19%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	12	8.75%	19.49%	13.85%	5.70%	7.07%	-23.55%
EWQ	iShares France Index	Europe Stock	12	3.90%	14.53%	10.30%	18.30%	4.47%	-3.14%
PKW	PowerShares Buyback Achievers	All Cap Equities	12	7.34%	15.70%	8.65%	15.14%	10.76%	-0.30%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	12	4.27%	14.77%	9.44%	19.41%	5.00%	-5.23%
FXO	1st Trust Financials AlphaDEX	Financial Equities	12	9.86%	19.61%	14.45%	5.59%	13.12%	-11.03%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	12	3.97%	13.46%	9.32%	20.73%	5.88%	-13.87%
VGK	Vanguard European	Europe Equities	11	3.88%	15.28%	10.73%	15.55%	5.25%	-9.26%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	11	3.75%	16.05%	11.22%	14.53%	3.97%	-15.81%
INDA	iShares MSCI India	Emerging Markets Equi	11	6.57%	12.71%	8.84%	15.38%	11.15%	-5.16%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	11	6.92%	9.92%	15.90%	9.39%	2.85%	-29.60%
IEV	S&P Europe 350 Index	Europe Stock	11	3.57%	14.34%	10.00%	15.88%	5.16%	-5.88%
VT	Vanguard Total World Stock Index	Global Equities	11	3.80%	14.22%	9.24%	18.42%	7.15%	-6.55%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	11	7.73%	20.90%	14.45%	1.90%	6.81%	-32.32%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	11	5.68%	14.05%	11.07%	12.84%	9.19%	-0.43%
EWA	iShares Australia Index	Asia Pacific Equities	11	7.71%	17.32%	11.79%	8.77%	8.08%	-11.69%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	11	8.60%	16.07%	11.68%	5.97%	5.90%	-28.97%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	11	3.29%	11.58%	7.22%	22.59%	7.92%	-0.52%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	11	4.74%	13.86%	9.24%	14.99%	8.28%	-0.52%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	11	5.96%	15.91%	10.63%	12.39%	9.30%	-3.22%
RPV	Guggenheim S&P 500 Pure Value	Large Value	11	8.71%	19.12%	10.88%	4.81%	8.46%	-8.61%
RSP	Guggenheim S&P Equal Weight	Large Blend	11	6.51%	15.72%	10.14%	10.78%	7.42%	-4.70%
VAW	Vanguard Materials VIPERS	Materials	11	6.38%	15.46%	9.48%	11.12%	7.16%	-5.19%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	11	3.98%	12.14%	8.55%	17.93%	5.88%	-9.52%
IWS	Russell MidCap Value	Mid-Cap Value	11	7.46%	16.77%	10.34%	9.60%	8.00%	-6.59%
ACWI	iShares MSCI ACWI	Global Equities	11	3.22%	13.63%	9.07%	19.03%	7.05%	-5.78%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	10	-2.36%	6.59%	1.36%	34.17%	6.83%	-15.91%
IYM	Dow Jones US Basic Mat's	Materials	10	6.23%	14.26%	9.10%	10.49%	6.44%	-10.49%
BLV	Vanguard Long Term Bond	Long-Term Bond	10	8.86%	16.01%	11.31%	3.15%	4.10%	-36.42%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	6.68%	15.30%	10.04%	9.63%	8.13%	-13.05%
XLF	Financial Select Sector *	Financial Equities	10	5.31%	16.33%	11.29%	8.95%	10.61%	-10.04%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	10	8.21%	15.51%	10.22%	5.91%	3.60%	-27.02%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	10	6.64%	11.56%	7.44%	14.98%	9.33%	-9.37%

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RWX	SPDR DJ Wil Intern. RE	Real Estate	10	7.43%	19.07%	14.32%	0.52%	6.17%	-37.58%
PIN	PowerShares India Portfolio	Emerging Markets Equi	10	4.98%	11.31%	6.77%	17.85%	9.73%	-52.47%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	10	2.89%	16.22%	8.18%	13.53%	3.22%	-33.36%
EWL	iShares Switzerland Index	Europe Stock	10	4.94%	12.83%	8.99%	13.02%	3.61%	-10.62%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	9	6.61%	19.99%	9.20%	1.85%	2.19%	-85.59%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	9	2.09%	9.48%	5.20%	17.63%	4.92%	-12.58%
TLT	iShares 20+ Treas. Bd	Government Bonds	9	10.17%	16.76%	11.56%	-0.63%	1.83%	-42.34%
XLB	Materials Select Sector *	Materials	9	4.87%	13.46%	8.12%	9.51%	5.89%	-6.11%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	9	3.04%	13.44%	8.01%	13.12%	4.42%	-10.83%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	9	3.13%	11.61%	8.35%	11.39%	6.26%	-1.78%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	9	3.35%	12.31%	7.25%	12.93%	5.08%	-6.89%
SCHF	Schwab International Equity	Foreign Large Cap Equ	9	2.41%	12.62%	7.27%	13.57%	4.21%	-10.43%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	9	3.10%	14.07%	6.69%	10.33%	3.65%	-20.13%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	9	-3.32%	4.54%	-1.30%	37.98%	7.45%	-3.46%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	9	2.89%	13.05%	8.02%	13.74%	4.39%	-9.10%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	9	5.71%	14.12%	9.32%	6.17%	6.46%	-6.25%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	9	3.25%	15.30%	11.32%	7.06%	9.24%	-19.37%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	9	4.37%	16.63%	8.18%	8.16%	4.27%	-22.75%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	9	3.25%	13.64%	8.07%	12.94%	4.34%	-11.29%
EWC	iShares Canada Index	Foreign Large Cap Equ	9	4.42%	13.64%	7.20%	10.48%	5.20%	-11.07%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	9	3.48%	14.90%	6.92%	9.53%	3.36%	-21.80%
IWY	Russell Top 200 Growth	Small Growth	9	3.50%	17.44%	13.79%	0.00%	0.00%	-0.53%
ACWX	iShares MSCI ACWI ex US	Global Equities	8	2.19%	11.91%	7.13%	10.90%	3.62%	-14.68%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	8	6.01%	10.23%	5.73%	11.56%	5.48%	-22.15%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	8	2.19%	9.48%	5.23%	14.30%	3.99%	-7.76%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	8	3.34%	10.62%	6.64%	12.90%	3.97%	-0.55%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	8	-2.38%	6.50%	1.31%	28.28%	5.25%	-2.38%
EWJ	iShares Japan Index	Japan Stock	8	0.83%	10.10%	3.24%	15.96%	3.72%	-14.83%
IWD	Russell 1000 Value	Large Value	8	4.78%	12.31%	7.28%	7.91%	5.75%	-4.03%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	8	2.58%	9.83%	6.93%	12.54%	4.30%	-20.23%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	8	8.15%	13.34%	9.29%	-0.43%	1.54%	-37.49%
VXUS	Vanguard Total International Stock	Global Equities	8	2.32%	11.80%	6.73%	10.67%	3.35%	-15.20%
IXUS	iShares Core MSCI Total International Stock	Global Equities	8	2.14%	11.87%	6.58%	10.75%	3.44%	-15.13%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	8	2.15%	11.65%	6.67%	10.67%	3.34%	-15.00%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	8	8.32%	14.15%	9.96%	1.35%	7.46%	-6.72%
PZA	Pshares Insured National Munis	National Munis	8	5.33%	10.89%	9.14%	5.19%	4.10%	-12.32%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	7	4.00%	13.46%	8.97%	2.39%	4.51%	-22.49%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	7	4.95%	10.25%	9.21%	3.08%	3.85%	-26.49%
GLD	SPDR Gold Shares	Precious Metals	7	2.11%	2.95%	9.35%	11.67%	4.25%	-2.30%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	7	4.42%	11.90%	7.15%	5.12%	5.22%	-6.46%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	7	1.80%	10.02%	4.49%	12.21%	4.48%	-13.58%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	7	2.18%	11.29%	4.82%	10.10%	3.13%	-17.29%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	7	5.32%	10.50%	7.87%	4.61%	4.11%	-20.74%
ECH	iShares Chile Index	Latin America	7	4.10%	15.15%	7.12%	2.14%	-1.21%	-50.74%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	7	6.09%	12.90%	8.28%	-1.15%	3.52%	-11.49%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	7	9.68%	13.79%	6.57%	-0.29%	3.72%	-61.59%
VTV	Vanguard Value	Large Cap Value	7	3.95%	10.68%	6.56%	5.39%	5.34%	-1.90%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	7	3.94%	10.96%	7.26%	6.70%	5.08%	-4.83%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	7	5.40%	10.59%	7.99%	5.02%	4.99%	-23.09%
IAU	iShares Gold Trust	Precious Metals	7	2.14%	2.95%	9.42%	11.82%	4.31%	-1.88%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	7	4.91%	10.13%	7.93%	5.40%	5.02%	-24.42%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	1.45%	7.90%	5.88%	6.88%	4.34%	-4.91%
BAB	PowerShares Build America Bond Portfolio	National Munis	6	4.76%	8.71%	5.67%	4.36%	2.75%	-22.55%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	6	6.05%	11.14%	7.89%	-1.23%	5.06%	-7.84%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	6	8.58%	12.58%	4.55%	-0.62%	1.63%	-17.13%
BNDX	Vanguard Total International Bond	Total Bond Market	6	4.23%	6.52%	6.32%	7.06%	4.49%	-14.25%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	6	4.79%	10.80%	4.71%	1.88%	3.08%	-24.88%
VYM	Vanguard High Div. Yield Index	Large Cap Value	6	4.19%	10.19%	6.32%	2.07%	4.68%	-3.96%
EWK	iShares Belgium Index	Europe Stock	6	-0.43%	12.88%	7.54%	2.68%	1.35%	-20.72%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	6	1.86%	9.00%	6.35%	8.32%	2.00%	-18.41%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	6	3.54%	7.27%	6.08%	6.02%	4.34%	-7.73%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	6	5.40%	11.95%	5.11%	3.04%	3.25%	-25.53%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	6	1.66%	13.64%	7.72%	0.97%	3.19%	-35.92%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	6	3.71%	10.41%	5.83%	4.57%	2.86%	-4.66%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	4.01%	11.86%	7.48%	0.05%	2.48%	-20.68%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	6	4.63%	8.67%	6.81%	4.76%	3.87%	-16.44%
DVY	iShares Select Dividend Index	Large Cap Value	5	4.95%	10.78%	8.06%	-3.65%	3.24%	-12.06%
SDY	SPDR Dividend ETF	Large Value	5	3.90%	10.62%	7.24%	-1.12%	2.72%	-6.52%
BBH	VanEck Vectors Biotech	Health & Biotech	5	6.37%	9.25%	3.31%	0.82%	2.07%	-27.04%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	5.42%	10.73%	7.14%	-4.15%	3.19%	-14.68%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	5	3.41%	7.05%	5.05%	5.34%	4.05%	-12.82%
FPE	First Trust Preferred Securities and Income	Preferred Stock	5	4.83%	9.23%	6.28%	0.71%	5.75%	-18.46%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	5	4.34%	7.13%	5.46%	2.48%	2.56%	-17.72%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	4.55%	9.26%	10.37%	-5.12%	1.13%	-12.71%
EZA	iShares South Africa Index	Emerging Markets Equi	5	2.61%	11.53%	9.23%	-2.59%	2.81%	-45.63%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	5	4.28%	7.70%	5.15%	2.23%	2.40%	-18.27%
EWU	iShares United Kingdom Index	Europe Stock	5	0.98%	7.47%	3.40%	7.01%	1.50%	-13.38%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	5	4.27%	7.24%	5.69%	2.79%	2.53%	-19.05%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	5	4.04%	9.13%	3.45%	2.16%	2.75%	-22.57%
IYZ	Down Jones US Telecom	Commun. Equities	5	3.72%	10.57%	4.55%	-0.67%	2.21%	-39.03%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	5	3.30%	6.92%	4.91%	5.44%	3.83%	-70.78%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	5	4.00%	6.85%	5.13%	2.03%	2.20%	-17.28%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	5	8.92%	12.37%	0.77%	-1.29%	-0.18%	-27.83%
SCHD	Schwab US Dividend Equity	All Cap Equities	5	5.00%	10.57%	6.17%	-0.20%	4.51%	-7.99%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	5	3.85%	9.84%	7.19%	-1.08%	3.56%	-9.62%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	0.22%	8.54%	4.43%	6.40%	1.66%	-28.46%
FXB	CurrencyShares British Pound	Currency	4	0.61%	4.69%	3.95%	5.15%	1.43%	-16.05%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	4	2.85%	5.36%	3.63%	4.99%	3.48%	-8.06%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	4	3.93%	6.30%	3.93%	0.35%	1.07%	-20.20%
VHT	Vanguard Health Care	Health & Biotech Equiti	4	3.56%	8.66%	4.22%	-0.56%	2.43%	-7.79%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	4	5.67%	11.82%	4.67%	-5.91%	-0.27%	-20.15%
MUB	iShares S&P National Muni Bond	National Munis	4	2.68%	6.77%	5.48%	2.54%	2.44%	-8.26%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	4	0.08%	8.23%	4.35%	4.41%	1.02%	-31.73%
KIE	SPDR S&P Insurance	Specialty-Financial	4	-0.93%	4.63%	3.86%	9.18%	7.10%	-52.35%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	3.08%	6.76%	3.13%	3.04%	3.51%	-12.84%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	4	5.37%	9.29%	5.10%	-4.45%	3.30%	-9.83%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	4	3.19%	9.99%	2.70%	-1.22%	1.22%	-35.95%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	4	3.51%	5.50%	4.36%	1.23%	1.44%	-18.73%
SLV	iShares Silver Trust	Precious Metals	4	0.18%	7.00%	7.57%	1.32%	2.66%	-17.37%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	4	4.03%	6.87%	5.08%	1.91%	2.11%	-18.27%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	4	4.35%	7.05%	5.14%	0.52%	1.16%	-21.76%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	3	2.23%	4.52%	2.90%	3.92%	2.60%	-10.48%
ACVW	iShares Edge MSCI Min Vol Global	Global Equities	3	0.08%	5.32%	2.85%	3.69%	0.99%	-9.00%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	3	-0.97%	11.83%	11.70%	-10.50%	-0.67%	-58.91%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	3	5.89%	7.65%	1.78%	-4.91%	-0.18%	-10.53%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3	3.22%	4.91%	3.99%	1.56%	1.61%	-16.18%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	3	3.28%	4.42%	3.56%	1.12%	0.99%	-17.75%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	3	2.27%	3.89%	3.27%	2.02%	1.64%	-11.68%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	3	1.92%	3.26%	2.91%	2.89%	2.19%	-7.08%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	3	2.56%	3.98%	3.36%	1.75%	1.45%	-12.83%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	-0.49%	7.05%	3.14%	3.64%	0.29%	-28.48%
IYH	Dow Jones US Healthcare	Specialty-Health	3	2.77%	7.55%	3.46%	-0.74%	2.03%	-6.71%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	1.89%	7.10%	2.99%	0.58%	1.37%	-30.63%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	3	2.05%	4.52%	3.07%	3.47%	2.64%	-11.91%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3	2.46%	7.26%	3.57%	-1.10%	2.31%	-5.94%
FXE	CurrencyShares Euro Currency Trust	Currency	3	0.58%	4.18%	4.15%	2.89%	1.63%	-15.61%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	3	2.98%	4.19%	3.24%	0.89%	0.71%	-18.22%
FLT	Fidelity Limited Term Bond	Corporate Bonds	3	1.91%	3.02%	3.02%	2.56%	2.02%	-6.96%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	3	2.88%	4.53%	3.59%	0.83%	1.16%	-15.81%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	3	2.22%	7.45%	2.86%	-0.76%	0.72%	-8.29%
JXI	iShares S&P Global Utilities	Utilities Equities	2	-0.17%	6.43%	7.34%	-3.97%	-1.40%	-14.39%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	2	1.52%	2.12%	1.71%	3.02%	1.42%	-8.86%
PPLT	ETFS Physical Platinum Shares	Precious Metals	2	3.93%	6.62%	6.34%	-10.28%	0.82%	-25.42%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	2	0.92%	5.06%	2.63%	-1.97%	-1.49%	-9.85%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	0.77%	5.92%	4.54%	-3.41%	0.31%	-11.09%
HDV	iShares Core High Dividend	Large Cap Value Equiti	2	2.47%	5.83%	1.72%	-2.87%	0.79%	-7.89%
BSV	Vanguard Short Term Bond	Total Bond Market	2	1.73%	2.61%	2.54%	2.31%	1.67%	-7.54%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	2	1.20%	1.59%	0.91%	2.97%	0.93%	-9.74%
FXJ	CurrencyShares Japanese Yen Trust	Currency	2	5.02%	5.65%	4.79%	-8.26%	0.06%	-32.54%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	2	-0.64%	6.70%	3.01%	0.82%	-0.89%	-36.01%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	2	1.08%	5.83%	4.49%	-2.81%	3.03%	-12.07%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	2	3.06%	6.85%	1.89%	-2.41%	1.37%	-10.00%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	2	-1.54%	5.69%	1.88%	2.87%	-0.31%	-29.69%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	2	1.97%	5.86%	0.77%	-0.82%	2.22%	-13.37%
IDU	Dow Jones US Utilities	Utilities Equities	1	0.45%	5.40%	7.15%	-9.05%	-1.86%	-55.55%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	1	-7.94%	1.89%	-1.01%	10.33%	-4.02%	-34.62%
XLP	Consumer Staples Select *	Consumer Staples	1	0.38%	4.71%	2.42%	-5.19%	-2.65%	-12.28%
VGSH	Vanguard Short-Term Government	Government Bonds	1	1.07%	1.35%	1.42%	1.02%	0.87%	-6.30%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.71%	0.98%	1.02%	0.27%	0.41%	-6.50%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.78%	1.09%	1.19%	0.92%	0.68%	-5.62%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.22%	0.28%	0.28%	0.66%	0.42%	-0.65%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0	-3.36%	3.94%	-0.23%	1.49%	-0.94%	-28.91%
IGE	iShares North American Natural Resources	Commodity Producers	0	1.39%	1.66%	-3.15%	0.71%	2.34%	-9.86%
VPU	Vanguard Utilities VIPERS	Utilities Equities	0	0.19%	4.69%	6.24%	-11.86%	-3.40%	-20.21%
XLU	Utilities Select Sector *	Utilities Equities	0	-0.45%	4.26%	6.09%	-11.48%	-3.28%	-20.11%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	0	0.94%	4.55%	0.17%	-6.37%	-0.04%	-16.82%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.47%	-0.61%	-0.65%	0.44%	-0.19%	-1.06%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	0.00%	-83.14%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-1	8.55%	18.90%	11.37%	-43.37%	9.50%	-50.89%
EWM	iShares Malaysia Index	Emerging Markets Equi	-1	-0.71%	2.88%	1.15%	-7.71%	-0.22%	-42.20%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-1	-0.89%	2.34%	-2.29%	-4.84%	-4.68%	-36.50%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-1	-0.85%	3.30%	0.90%	-7.02%	-3.64%	-11.65%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-2	-0.47%	-2.98%	-4.56%	-0.88%	3.30%	-12.68%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-2	1.39%	6.14%	-0.30%	-16.54%	-5.99%	-38.32%
IXC	S&P Global Energy	Energy Equities	-2	-1.25%	-1.85%	-6.35%	0.95%	1.14%	-7.61%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-2	-0.22%	-2.92%	-5.42%	1.44%	3.66%	-11.08%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-3	-4.37%	-4.85%	-4.63%	3.18%	-3.13%	-9.45%
VDE	Vanguard Energy VIPERS	Energy Equities	-3	-0.45%	-2.52%	-8.28%	-2.22%	0.49%	-10.08%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-3	1.01%	3.42%	-4.80%	-12.52%	-6.98%	-30.68%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-3	4.67%	12.72%	9.53%	-38.55%	-30.23%	-48.78%
XLE	Energy Select Sector *	Energy Equities	-3	-0.24%	-2.28%	-8.15%	-3.13%	0.06%	-9.94%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-4	-0.25%	-2.22%	-7.84%	-4.15%	0.01%	-11.76%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-5	-2.62%	-4.75%	-6.52%	-7.43%	-3.59%	-27.94%
EWK	iShares Hong Kong Index	China Equities	-5	-3.40%	2.16%	0.29%	-18.94%	-8.89%	-39.40%
GSG	iShares GSCI Commodity Index	Commodities.	-6	-1.69%	-6.38%	-10.25%	-3.86%	-1.61%	-22.51%
DJP	Bloomberg Commodity Index	Commodities	-6	-2.33%	-5.27%	-6.20%	-9.34%	-3.16%	-25.83%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-6	-3.88%	-2.39%	-10.83%	-8.32%	0.39%	-28.01%
UUP	PowerShares DB US Dollar Bullish	Currency	-7	-7.02%	-9.50%	-8.58%	-2.34%	-5.45%	-11.44%
MCHI	iShares MSCI China	China Equities	-8	-7.51%	-3.21%	-6.03%	-15.01%	-10.54%	-58.46%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-10	-8.13%	-5.63%	-10.34%	-17.38%	-13.69%	-50.11%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-10	-5.00%	-13.17%	-8.81%	-13.60%	-6.21%	-51.58%
DOG	ProShares Short Dow 30	Bear Market	-10	-6.25%	-12.79%	-9.89%	-10.38%	-8.68%	-66.60%
DBC	PowerShares DB Commodity Index	Commodities	-10	-7.29%	-9.73%	-11.73%	-9.66%	-6.86%	-27.06%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-11	-11.08%	-16.12%	-12.25%	-2.69%	-4.63%	-17.99%
FXI	iShares China 25 Index	China Equities	-11	-10.05%	-7.31%	-9.71%	-16.22%	-12.94%	-56.47%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-12	4.90%	13.78%	9.19%	-77.49%	-60.11%	-80.10%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-12	-5.24%	-13.60%	-9.77%	-18.78%	-9.06%	-68.74%
RWM	ProShares Short Russell2000	Inverse Equities	-14	-11.84%	-19.09%	-12.09%	-14.02%	-11.22%	-66.49%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-15	4.28%	9.54%	5.72%	-78.79%	-61.12%	-85.45%
HDGE	Ranger Equity Bear	Inverse Equities	-16	-11.28%	-17.46%	-10.37%	-26.68%	-11.17%	-81.23%
PSQ	ProShares Short QQQ	Inverse Equities	-18	-6.03%	-16.67%	-12.84%	-35.46%	-13.62%	-82.92%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-20	-19.71%	-28.99%	-22.94%	-6.98%	-9.28%	-32.14%
UNG	U.S. Natural Gas Fund	Oil & Gas	-35	-15.57%	-31.74%	-27.05%	-64.61%	-26.05%	-94.35%