

HV ETF Master List as of 11/30/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IGV	iShares North American Tech-Software	Technology Equities	22	13.23%	15.44%	7.94%	53.20%	18.15%	-12.22%
SMH	VanEch Vectors Semiconductor	Technology Equities	21	9.84%	10.52%	6.05%	58.16%	12.49%	-2.68%
IYW	Dow Jones US Technology	Technology Equities	21	9.33%	10.90%	6.79%	57.43%	13.90%	-0.30%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	20	21.87%	42.17%	17.33%	-2.66%	9.03%	-55.31%
XLK	Technology Select *	Technology Equities	19	8.91%	12.13%	7.38%	48.79%	13.09%	-0.16%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	18	10.92%	9.27%	3.45%	47.61%	9.25%	-7.56%
ITB	iShares DJ US Home Construction	Building and Constructi	18	10.43%	14.36%	2.28%	43.42%	10.57%	-2.69%
VGT	Vanguard Info Technology	Technolgy Equities	18	9.52%	11.10%	6.05%	44.65%	11.37%	-0.87%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	17	7.71%	9.62%	5.29%	45.57%	11.75%	-5.24%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	16	7.51%	8.92%	4.87%	43.27%	11.35%	-52.28%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	16	6.99%	8.40%	4.51%	46.02%	10.72%	-3.75%
EWV	iShares Mexico Index	Latin America Stock	15	7.26%	16.68%	7.08%	27.89%	5.02%	-3.24%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	15	14.40%	23.61%	13.29%	8.08%	6.02%	-39.84%
VUG	Vanguard Growth	Large Cap Growth	15	7.83%	9.25%	4.60%	40.10%	10.66%	-8.32%
EWZ	iShares Brazil Index	Latin America Stock	15	7.83%	16.87%	12.77%	21.59%	11.70%	-29.75%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	15	9.98%	11.60%	1.63%	37.52%	10.42%	-3.85%
EWP	iShares Spain Index	Europe Stock	15	10.26%	14.22%	11.27%	26.22%	8.89%	-15.78%
ILF	iShares S&P 40 Latin America	Latin America Stock	14	6.87%	15.90%	10.50%	22.28%	8.82%	-29.14%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	14	11.39%	21.38%	12.67%	10.34%	4.82%	-33.22%
IWF	Russell 1000 Growth	Large Growth	14	7.32%	8.90%	4.52%	35.76%	10.32%	-6.03%
VOX	Vanguard Telecom Serv's	Communication Equitie	13	4.99%	6.28%	3.86%	36.04%	7.97%	-25.73%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	13	1.50%	6.86%	2.88%	41.73%	12.38%	-0.84%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	12	1.65%	6.67%	2.83%	36.31%	10.34%	-14.57%
EWI	iShares Italy Index	Europe Stock	12	6.70%	11.08%	6.22%	22.42%	5.96%	-4.32%
SIL	Global X Silver Miners	Commodity Producers	12	15.75%	21.06%	11.20%	-1.63%	3.02%	-48.29%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	12	8.25%	8.68%	7.91%	21.26%	6.38%	-28.14%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	12	10.83%	19.00%	10.75%	9.28%	3.27%	-29.67%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	11	11.87%	15.46%	3.59%	11.84%	6.11%	-29.96%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	11	7.16%	7.50%	0.36%	29.92%	6.65%	-19.98%
EWD	iShares Sweden Index	Europe Stock	11	11.94%	10.70%	9.69%	11.38%	4.48%	-27.09%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	11	6.82%	5.82%	0.02%	30.68%	6.36%	-20.17%
SLV	iShares Silver Trust	Precious Metals	11	10.83%	20.16%	9.88%	5.04%	7.34%	-14.33%
EWG	iShares Germany Index	Europe Stock	10	9.65%	10.50%	4.87%	14.88%	2.25%	-22.12%
EZU	European Monetary Union Index	Europe Stock	10	7.69%	10.11%	5.01%	15.66%	2.67%	-11.41%
FEZ	SPDR Euro Stoxx 50	Europe Stock	10	7.60%	10.41%	5.78%	18.17%	2.97%	-7.34%
IYC	iShares US Consumer Services	Consumer Discretionar	10	6.93%	8.05%	1.57%	25.12%	6.08%	-74.27%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	10	1.74%	6.69%	2.87%	30.47%	8.46%	-0.71%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	10	5.40%	7.25%	2.64%	23.79%	7.56%	-3.57%
EWN	iShares Netherlands Index	Europe Stock	10	9.08%	12.39%	5.90%	13.27%	2.23%	-21.57%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	9	6.29%	7.56%	2.18%	18.30%	6.18%	-6.79%
SPY	SPDR S&P 500	Large Cap Blend	9	5.95%	7.51%	2.60%	19.34%	6.52%	-4.46%

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ITA	iShares DJ US Aerospace&Defense	Industrials Equities	9	6.23%	16.19%	5.77%	7.15%	5.96%	-50.02%
SCHB	Schwab U.S. Broad Market	All Cap Equities	9	6.27%	7.49%	2.29%	18.43%	6.24%	-53.33%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	5.36%	6.01%	1.88%	23.14%	6.63%	-14.32%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	9	7.66%	7.85%	3.91%	16.04%	2.55%	-7.91%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	9	5.97%	7.56%	2.59%	19.37%	6.49%	-4.52%
VTI	Total Stock Market VIPERs	All Cap Equities	9	6.22%	7.51%	2.30%	18.34%	6.23%	-6.88%
IWV	Russell 3000 Index	All Cap Equities	9	6.19%	7.44%	2.21%	18.24%	6.18%	-6.51%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	9	5.88%	7.51%	2.72%	17.97%	6.21%	-6.08%
IWB	Russell 1000 Index	Large Blend	9	6.18%	7.52%	2.40%	19.09%	6.47%	-5.79%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	5.40%	6.07%	2.11%	24.15%	6.94%	-14.40%
IVV	S&P 500	Large Blend	9	5.94%	7.52%	2.48%	19.31%	6.47%	-4.46%
IWP	Russell MidCap Growth	Mid-Cap Growth	9	9.34%	8.15%	1.91%	16.32%	5.33%	-21.12%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9	6.19%	7.61%	2.54%	19.60%	6.63%	-52.87%
VV	Vanguard LargeCap	Large Cap Blend	9	6.27%	7.78%	2.82%	20.34%	6.95%	-5.47%
SPYG	S&P 500 Growth	Large Cap Growth	9	5.41%	6.05%	2.11%	24.12%	6.93%	-14.41%
IVW	S&P 500/BARRA Growth	Large Growth	9	5.40%	6.05%	2.04%	24.07%	6.89%	-14.42%
IYF	Dow Jones US Financial Sector	Specialty-Financial	8	7.80%	9.74%	5.63%	6.90%	8.40%	-43.75%
IVE	S&P 500/BARRA Value	Large Value	8	6.64%	9.25%	3.03%	14.08%	5.94%	-0.75%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	8	16.42%	21.21%	-0.09%	-5.64%	1.61%	-53.04%
IYT	Dow Jones Transportation	Transportation Equities	8	9.30%	6.56%	1.11%	14.52%	3.68%	-12.65%
ACWI	iShares MSCI ACWI	Global Equities	8	5.72%	7.30%	2.86%	15.48%	4.87%	-8.59%
IAU	iShares Gold Trust	Precious Metals	8	2.50%	11.81%	6.05%	11.42%	4.45%	-2.23%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	8	5.49%	7.24%	3.87%	16.81%	3.05%	-16.67%
GLD	SPDR Gold Shares	Precious Metals	8	2.51%	11.80%	6.03%	11.27%	4.38%	-2.65%
XME	SPDR S&P Metals & Mining	Commodity Producers	8	8.03%	9.74%	5.92%	9.92%	7.86%	-16.86%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	8	8.60%	8.73%	2.11%	11.61%	2.02%	-34.48%
KIE	SPDR S&P Insurance	Specialty-Financial	7	4.98%	6.54%	6.64%	10.57%	9.46%	-51.74%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	8.57%	6.84%	0.13%	13.62%	3.92%	-23.15%
EWQ	iShares France Index	Europe Stock	7	5.77%	7.37%	2.82%	13.44%	0.63%	-7.12%
VT	Vanguard Total World Stock Index	Global Equities	7	5.79%	7.16%	2.20%	14.41%	4.45%	-9.72%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	7	6.39%	8.71%	4.14%	8.65%	6.15%	-2.14%
XLF	Financial Select Sector *	Financial Equities	7	7.68%	9.58%	4.88%	4.97%	7.37%	-13.33%
VIS	Vanguard Industrials	industrials Equities	7	6.76%	7.35%	0.98%	12.35%	4.62%	-3.49%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	7	8.52%	9.97%	4.49%	6.16%	6.97%	-17.85%
IYJ	Dow Jones US Industrial	Industrial Equities	7	7.18%	7.58%	1.14%	10.97%	4.89%	-44.53%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	6.05%	6.71%	0.53%	13.74%	4.62%	-19.94%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	4.11%	4.61%	0.29%	18.05%	5.10%	-3.31%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	7.92%	7.12%	0.30%	12.46%	4.26%	-25.29%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	7	8.58%	8.82%	0.55%	10.86%	2.25%	-18.56%
VGK	Vanguard European	Europe Equities	7	6.68%	8.22%	3.56%	11.15%	1.73%	-12.72%
VFH	Vanguard Financials	Financials Equities	7	7.99%	9.64%	4.81%	5.05%	7.56%	-14.58%
XRT	SPDR S&P Retail *	Consumer Discretionar	7	7.08%	10.43%	3.68%	6.87%	3.88%	-37.98%
IEV	S&P Europe 350 Index	Europe Stock	7	6.45%	7.79%	3.81%	11.81%	2.01%	-9.18%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	6	5.06%	6.86%	2.74%	10.33%	1.76%	-11.82%

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PIN	PowerShares India Portfolio	Emerging Markets Equi	6	5.31%	3.92%	2.13%	14.61%	8.29%	-53.78%
ACWX	iShares MSCI ACWI ex US	Global Equities	6	5.05%	6.80%	2.60%	8.37%	1.70%	-16.62%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	4.70%	6.69%	2.53%	9.41%	2.25%	-9.79%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	6.02%	7.73%	2.11%	10.00%	0.28%	-19.13%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	6	4.19%	5.69%	3.10%	10.09%	3.09%	-15.21%
EWC	iShares Canada Index	Foreign Large Cap Equ	6	4.95%	7.70%	2.85%	6.87%	2.26%	-13.97%
IXUS	iShares Core MSCI Total International Stock	Global Equities	6	5.16%	6.57%	2.32%	8.41%	1.70%	-16.92%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	6	2.82%	4.69%	2.11%	14.81%	3.08%	-14.67%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	7.23%	7.06%	0.43%	7.50%	3.04%	-67.64%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	6	4.30%	5.20%	2.40%	13.64%	2.67%	-12.81%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6	6.41%	7.87%	2.17%	6.96%	4.81%	-7.89%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	6	5.32%	7.18%	2.24%	10.37%	4.80%	-1.54%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	6	9.95%	9.04%	2.83%	1.61%	4.68%	-8.19%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	6	5.15%	6.76%	2.47%	9.59%	1.63%	-13.62%
INDA	iShares MSCI India	Emerging Markets Equi	6	5.00%	4.21%	3.30%	10.25%	7.75%	-9.37%
EWJ	iShares Japan Index	Japan Stock	6	2.72%	5.71%	0.61%	15.01%	3.71%	-15.53%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	6	5.07%	7.03%	2.06%	8.35%	4.22%	-4.46%
SCHF	Schwab International Equity	Foreign Large Cap Equ	6	5.22%	7.01%	2.67%	10.87%	2.20%	-12.56%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	6	5.34%	7.11%	2.02%	9.51%	1.65%	-13.98%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	6	5.03%	6.59%	2.01%	8.38%	1.64%	-16.76%
XLI	Industrial Select Sector *	Industrial Equities	6	6.30%	7.67%	0.84%	9.00%	4.06%	-3.34%
IWY	Russell Top 200 Growth	Small Growth	5	7.01%	9.01%	4.95%	0.00%	0.00%	-0.38%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	5	6.10%	6.66%	0.84%	7.43%	1.30%	-22.23%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	5	5.82%	6.80%	0.60%	6.29%	0.46%	-24.12%
ICF	Cohen & Steers Realty	Real Estate	5	8.27%	11.53%	1.14%	0.04%	2.21%	-56.45%
VXUS	Vanguard Total International Stock	Global Equities	5	5.05%	6.61%	1.87%	8.24%	1.50%	-17.07%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	5	5.21%	8.94%	1.89%	3.75%	2.26%	-37.42%
IYM	Dow Jones US Basic Mat's	Materials	5	5.61%	6.87%	0.33%	5.59%	1.88%	-14.46%
IYR	Dow Jones US Real Estate	Real Estate	5	8.13%	10.42%	-0.14%	0.48%	1.78%	-27.17%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	5	5.61%	8.42%	3.05%	2.86%	5.81%	-22.52%
EWL	iShares Switzerland Index	Europe Stock	5	5.53%	5.19%	0.44%	8.32%	-0.20%	-14.33%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	7.02%	6.96%	0.49%	7.09%	2.98%	-16.44%
XLB	Materials Select Sector *	Materials	5	6.24%	6.67%	0.84%	6.09%	2.97%	-9.05%
RSP	Guggenheim S&P Equal Weight	Large Blend	5	6.45%	6.84%	0.49%	4.99%	2.34%	-9.68%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5	4.33%	6.38%	2.47%	5.89%	4.11%	-5.79%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	5	2.89%	4.77%	2.16%	11.67%	2.03%	-9.89%
VAW	Vanguard Materials VIPERS	Materials	5	6.40%	6.70%	0.83%	5.99%	2.57%	-9.57%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	3.65%	4.81%	2.55%	9.52%	1.15%	-3.53%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	5	3.86%	6.36%	0.57%	9.37%	1.72%	-22.47%
SCHH	Schwab U.S. REIT	Real Estate	5	7.38%	10.59%	0.58%	-0.41%	1.65%	-63.54%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5	5.15%	6.14%	2.31%	6.32%	1.94%	-28.52%
IJH	S&P MidCap 400	Mid-Cap Blend	4	5.57%	5.43%	-0.61%	5.86%	1.60%	-11.87%
KBE	SPDR S&P Bank	Specialty-Financial	4	8.32%	11.53%	6.69%	-10.63%	7.44%	-33.21%
EZA	iShares South Africa Index	Emerging Markets Equi	4	3.51%	11.87%	6.37%	-4.65%	0.64%	-46.78%

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VNQ	Vanguard REIT Index	Real Estate	4	7.85%	10.27%	-0.21%	-0.91%	1.21%	-29.55%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	4.83%	4.67%	-0.52%	8.30%	1.97%	-71.22%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	5.80%	6.53%	0.71%	3.68%	0.12%	-25.95%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	4	5.28%	6.56%	1.18%	3.85%	2.93%	-17.64%
IWD	Russell 1000 Value	Large Value	4	4.94%	6.08%	0.07%	3.85%	2.31%	-7.64%
VB	Vanguard SmallCap	Small Cap Blend	4	6.19%	5.77%	-1.15%	5.93%	1.59%	-18.77%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	4	6.94%	8.43%	1.49%	-0.09%	-0.13%	-33.04%
VBK	Vanguard SmallCap Growth	Small Cap Growth	4	7.27%	4.84%	-3.25%	9.01%	0.26%	-28.51%
IWS	Russell MidCap Value	Mid-Cap Value	4	6.31%	6.57%	-0.17%	2.99%	1.96%	-12.22%
FXO	1st Trust Financials AlphaDEX	Financial Equities	4	7.31%	8.26%	3.54%	-2.10%	5.38%	-17.51%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	4	10.26%	13.14%	6.71%	-15.27%	4.74%	-42.26%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4	6.45%	6.24%	-0.72%	3.15%	1.12%	-39.91%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	4	4.96%	6.09%	2.41%	4.38%	1.24%	-31.75%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	4	4.34%	5.19%	1.85%	4.52%	1.36%	-28.56%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	4	6.36%	8.09%	1.67%	0.31%	-2.05%	-30.62%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4	0.18%	3.92%	1.74%	10.57%	4.51%	-2.96%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	4	4.53%	6.17%	0.64%	3.32%	2.30%	-7.85%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	4	4.86%	6.38%	1.36%	3.35%	2.98%	-58.10%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	4	3.46%	6.07%	0.94%	6.47%	0.57%	-19.81%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	3.41%	5.60%	0.26%	7.83%	1.48%	-18.99%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	4	5.66%	7.03%	0.79%	1.38%	2.07%	-10.49%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	6.33%	5.53%	-1.01%	6.20%	1.85%	-16.44%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	7.13%	7.51%	1.73%	-1.74%	1.98%	-14.32%
ECH	iShares Chile Index	Latin America	4	9.01%	9.54%	0.11%	-0.81%	-4.17%	-52.16%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	4.21%	4.86%	0.00%	7.63%	4.46%	-6.14%
EWA	iShares Australia Index	Asia Pacific Equities	4	4.18%	6.45%	3.22%	0.99%	0.56%	-18.01%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	4	4.72%	5.34%	1.27%	4.23%	1.08%	-28.08%
EWK	iShares Belgium Index	Europe Stock	4	4.91%	7.65%	1.45%	1.34%	0.22%	-21.76%
MDY	MidCap Trust Series I	Mid-Cap Blend	4	5.51%	5.41%	-0.56%	5.88%	1.61%	-11.71%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	4	6.42%	5.57%	-1.78%	4.79%	0.78%	-61.46%
VBR	Vanguard SmallCap Value	Small Cap Value	4	5.41%	6.38%	0.53%	3.85%	2.59%	-11.21%
EWU	iShares United Kingdom Index	Europe Stock	4	3.78%	4.15%	2.56%	5.64%	0.49%	-14.49%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	4	4.25%	2.41%	1.51%	9.57%	5.41%	-13.64%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	3	3.15%	4.62%	1.56%	3.95%	1.71%	-8.78%
IJR	S&P Sm.Cap 600	Small Blend	3	5.00%	5.09%	-1.64%	1.69%	-0.12%	-20.01%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	4.14%	2.90%	-0.97%	6.28%	0.92%	-25.84%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	4.74%	4.25%	-1.65%	3.47%	0.69%	-46.52%
BNDX	Vanguard Total International Bond	Total Bond Market	3	2.43%	3.45%	1.74%	3.80%	1.54%	-16.87%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	3	4.34%	5.82%	1.01%	2.25%	2.08%	-65.96%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	3	4.78%	7.61%	2.61%	-1.62%	0.33%	-25.53%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	3.97%	4.77%	1.56%	1.39%	0.65%	-19.12%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	3	3.82%	6.39%	1.45%	1.51%	1.39%	-27.21%
FXB	CurrencyShares British Pound	Currency	3	3.61%	3.64%	1.33%	4.58%	1.23%	-16.50%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	3	3.90%	6.07%	1.07%	0.59%	0.75%	-26.34%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VTV	Vanguard Value	Large Cap Value	3	4.26%	5.99%	0.66%	2.06%	2.52%	-5.00%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	3	4.93%	6.57%	1.14%	-1.06%	1.36%	-37.21%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	3	2.74%	4.30%	1.42%	2.82%	1.82%	-14.90%
MUB	iShares S&P National Muni Bond	National Munis	3	4.37%	4.45%	1.65%	0.95%	0.93%	-9.68%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3	3.86%	5.83%	1.12%	0.43%	0.89%	-23.88%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	3	6.15%	7.66%	-0.84%	-1.32%	0.16%	-28.63%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3	2.49%	4.49%	1.78%	3.33%	2.03%	-10.07%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	3	3.69%	5.84%	1.34%	-0.56%	0.51%	-26.68%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	3	4.17%	6.55%	1.26%	0.45%	0.46%	-27.41%
IWM	Russell 2000	Small Blend	3	5.76%	4.85%	-2.53%	3.04%	-0.17%	-25.93%
RWR	Wilshire REIT Fund	Real Estate	3	6.43%	7.63%	-1.73%	0.65%	0.32%	-28.19%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	3	4.17%	4.21%	0.79%	0.96%	-0.81%	-35.92%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	3	4.81%	5.99%	1.58%	0.82%	0.43%	-23.61%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	4.93%	6.31%	0.19%	1.53%	2.02%	-9.65%
JXI	iShares S&P Global Utilities	Utilities Equities	3	3.36%	11.91%	2.18%	-3.49%	-0.74%	-13.96%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	3	2.73%	4.28%	1.19%	2.98%	1.65%	-71.47%
IWO	Russell 2000 Growth	Small Growth	3	6.64%	3.68%	-4.14%	5.28%	-1.44%	-32.91%
PZA	Pshares Insured National Munis	National Munis	3	5.29%	5.39%	1.48%	1.44%	0.52%	-15.44%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	2	2.08%	3.11%	1.09%	2.08%	1.41%	-13.10%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	2	2.18%	2.78%	0.73%	2.27%	1.13%	-11.90%
FXE	CurrencyShares Euro Currency Trust	Currency	2	2.69%	3.36%	1.95%	1.84%	0.73%	-16.48%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2	3.65%	5.91%	0.26%	-1.36%	1.50%	-7.19%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	4.47%	4.95%	-2.20%	1.23%	-0.10%	-7.70%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	2	2.36%	2.59%	0.31%	0.85%	1.51%	-14.70%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	2	2.19%	2.80%	0.99%	2.76%	1.48%	-10.02%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	2	5.70%	7.05%	-0.69%	-5.25%	-0.83%	-15.16%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2	1.76%	2.15%	1.34%	1.64%	1.08%	-8.20%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	2	4.33%	4.83%	2.07%	-1.25%	-0.49%	-29.57%
BLV	Vanguard Long Term Bond	Long-Term Bond	2	5.69%	7.07%	-0.48%	-3.60%	-2.99%	-40.59%
IWN	Russell 2000 Value	Small Value	2	4.91%	5.83%	-1.12%	0.22%	0.89%	-21.43%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	2.97%	3.51%	0.80%	-0.28%	-0.55%	-21.47%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	2	5.00%	7.09%	0.15%	-5.27%	-0.75%	-37.09%
RWX	SPDR DJ Wil Intern. RE	Real Estate	2	4.97%	7.48%	0.68%	-6.05%	-0.90%	-41.66%
BAB	PowerShares Build America Bond Portfolio	National Munis	2	3.28%	3.73%	0.04%	0.54%	-1.05%	-25.38%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	2.83%	3.38%	0.55%	-0.75%	-0.65%	-19.54%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	2.95%	3.45%	0.63%	-0.57%	-0.54%	-20.17%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	3.06%	5.79%	1.19%	-3.96%	-0.13%	-11.60%
IJS	S&P SmallCap 600/BARRA Value	Small Value	2	5.15%	5.85%	-1.64%	-0.20%	-1.02%	-47.40%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	1	3.01%	4.64%	1.49%	-4.79%	-0.41%	-13.00%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.45%	0.34%	0.37%	1.05%	0.45%	-0.45%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	1.21%	1.44%	0.87%	1.02%	0.58%	-8.36%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	1	2.67%	3.32%	-2.97%	2.55%	0.56%	-28.16%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	2.90%	3.94%	1.68%	-2.74%	2.01%	-21.25%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.85%	0.92%	0.78%	0.38%	0.25%	-6.90%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	1	4.23%	5.63%	0.20%	-5.61%	0.43%	-11.92%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	1	10.64%	4.67%	-4.11%	-9.01%	-3.97%	-56.60%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	2.03%	2.27%	0.58%	-1.04%	-0.80%	-17.37%
DVY	iShares Select Dividend Index	Large Cap Value	1	4.06%	6.84%	0.53%	-7.15%	-0.61%	-15.26%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	3.03%	3.23%	0.37%	-0.88%	-0.79%	-20.76%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	1.47%	2.73%	0.02%	-1.08%	-1.40%	-19.82%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.84%	0.88%	0.75%	-0.02%	0.09%	-6.77%
BSV	Vanguard Short Term Bond	Total Bond Market	1	1.30%	1.57%	1.14%	1.18%	0.64%	-8.56%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	1	2.67%	4.16%	1.22%	-4.63%	-2.54%	-24.38%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	1	4.42%	2.87%	2.29%	-4.31%	-2.26%	-37.95%
XLU	Utilities Select Sector *	Utilities Equities	1	2.05%	11.18%	0.21%	-10.98%	-3.00%	-19.66%
SCHD	Schwab US Dividend Equity	All Cap Equities	1	3.85%	4.54%	-1.40%	-4.22%	0.41%	-11.70%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	2.84%	3.38%	0.49%	-0.88%	-0.75%	-20.50%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	1	5.62%	3.87%	-3.03%	-1.02%	-3.15%	-31.80%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.72%	1.71%	0.53%	1.95%	0.47%	-9.81%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	1	7.32%	5.25%	-1.97%	-4.64%	-4.38%	-86.51%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1	2.73%	3.10%	-0.09%	-2.47%	-2.06%	-24.09%
IDU	Dow Jones US Utilities	Utilities Equities	1	2.25%	10.98%	0.86%	-9.22%	-2.18%	-55.63%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	1.84%	2.07%	0.91%	0.13%	-0.17%	-14.21%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	3.52%	1.96%	-0.97%	-1.35%	-0.21%	-31.96%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.81%	0.95%	0.86%	0.59%	0.37%	-5.93%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	2.66%	5.14%	-1.48%	-2.64%	-2.12%	-10.47%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	1.89%	2.24%	1.08%	0.59%	0.25%	-12.92%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	1	4.47%	6.82%	0.94%	-7.14%	-0.04%	-17.34%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	1	2.59%	3.24%	2.70%	-4.78%	1.26%	-13.85%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	2.14%	2.56%	0.22%	-1.28%	-1.19%	-20.74%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	1	1.55%	3.81%	0.09%	-2.47%	0.39%	-14.81%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	2.04%	2.29%	0.69%	-0.62%	-0.61%	-17.97%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	2.09%	10.06%	0.60%	-8.73%	-2.89%	-16.04%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	1.43%	2.63%	-0.02%	-1.17%	-1.44%	-19.62%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	1	4.49%	5.71%	-1.67%	-6.17%	-4.82%	-41.10%
SDY	SPDR Dividend ETF	Large Value	1	4.59%	6.23%	-0.49%	-4.36%	-0.66%	-9.59%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	0	3.94%	4.94%	-2.45%	-5.56%	0.38%	-13.08%
EWM	iShares Malaysia Index	Emerging Markets Equi	0	1.92%	4.32%	0.81%	-7.01%	0.41%	-41.76%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0	3.57%	2.06%	-0.57%	-3.34%	0.36%	-8.07%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.19%	0.10%	-1.18%	1.80%	-0.15%	-10.76%
UUP	PowerShares DB US Dollar Bullish	Currency	0	-2.01%	-1.71%	-0.03%	5.32%	2.23%	-4.50%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	0	2.64%	3.60%	-2.25%	-3.30%	-1.68%	-10.63%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.10%	0.12%	0.08%	0.20%	-0.02%	-1.10%
VPU	Vanguard Utilities VIPERS	Utilities Equities	0	1.84%	10.50%	-0.29%	-11.87%	-3.75%	-20.22%
VHT	Vanguard Health Care	Health & Biotech Equiti	0	3.83%	1.87%	-1.46%	-3.81%	-0.63%	-10.81%
EDV	Vanguard Extended Duration Treasury	Government Bonds	0	7.20%	9.85%	-4.74%	-12.25%	-9.77%	-59.25%
TLT	iShares 20+ Treas. Bd	Government Bonds	0	5.19%	6.68%	-2.61%	-8.04%	-6.44%	-46.63%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	0	8.20%	10.90%	-4.96%	-13.08%	-10.15%	-60.05%

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IYH	Dow Jones US Healthcare	Specialty-Health	0	3.62%	1.74%	-1.58%	-3.32%	-0.30%	-9.14%
XLP	Consumer Staples Select *	Consumer Staples	0	2.90%	5.40%	-1.33%	-5.22%	-2.80%	-12.30%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	2.47%	2.39%	-0.51%	-2.47%	-1.98%	-22.44%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	0.00%	-83.14%
IGE	iShares North American Natural Resources	Commodity Producers	0	-1.07%	3.07%	-3.69%	0.02%	1.94%	-10.48%
HDV	iShares Core High Dividend	Large Cap Value Equiti	0	2.05%	3.80%	-2.68%	-4.39%	-0.68%	-9.33%
IXC	S&P Global Energy	Energy Equities	0	-2.50%	1.98%	-3.14%	1.95%	2.50%	-6.69%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	0	-4.58%	-6.06%	2.10%	7.36%	5.81%	-9.51%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0	2.27%	5.30%	-1.58%	-6.09%	-2.76%	-10.76%
KRE	SPDR S&P Region.Banking	Specialty-Financial	0	7.20%	10.10%	5.00%	-23.19%	4.13%	-42.73%
IYZ	Down Jones US Telecom	Commun. Equities	0	1.26%	4.54%	-2.57%	-3.48%	-0.82%	-40.75%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-1	0.88%	3.25%	-1.82%	-7.91%	-2.03%	-18.19%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-1	-5.09%	3.32%	-5.51%	1.30%	4.11%	-11.20%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-1	1.30%	-0.06%	-1.91%	-4.47%	-4.56%	-36.25%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-1	2.14%	3.68%	-1.38%	-8.59%	-1.33%	-13.73%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-1	0.70%	7.69%	2.36%	-13.63%	-3.26%	-28.20%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-2	2.91%	0.04%	-6.51%	-5.73%	-1.88%	-13.06%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-2	-9.64%	-13.02%	3.16%	11.38%	9.64%	-18.74%
RWM	ProShares Short Russell2000	Inverse Equities	-2	-5.18%	-3.96%	2.26%	-2.52%	0.22%	-62.00%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-2	-5.49%	2.61%	-4.52%	-1.23%	3.33%	-12.99%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-2	3.52%	-0.70%	-4.69%	-7.89%	-4.16%	-64.52%
VDE	Vanguard Energy VIPERS	Energy Equities	-3	-3.88%	-0.70%	-7.07%	-2.28%	0.63%	-10.13%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-3	-2.14%	0.86%	-4.61%	-4.57%	-0.86%	-25.72%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-3	4.45%	0.11%	-5.46%	-11.46%	-6.59%	-24.85%
BBH	VanEck Vectors Biotech	Health & Biotech	-3	2.12%	-2.11%	-5.39%	-5.03%	-3.83%	-31.28%
FXV	CurrencyShares Japanese Yen Trust	Currency	-3	1.41%	0.08%	-0.76%	-11.93%	-4.54%	-35.24%
MCHI	iShares MSCI China	China Equities	-3	1.26%	1.19%	-2.98%	-10.15%	-6.50%	-56.09%
DBC	PowerShares DB Commodity Index	Commodities	-3	-3.63%	0.34%	-4.40%	-3.00%	-0.09%	-21.68%
DJP	Bloomberg Commodity Index	Commodities	-3	-3.54%	0.74%	-3.78%	-7.03%	-0.88%	-23.93%
XLE	Energy Select Sector *	Energy Equities	-4	-3.40%	-0.75%	-7.23%	-3.30%	0.03%	-10.10%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-4	0.04%	-2.51%	-4.02%	-11.38%	-8.78%	-46.49%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-4	-3.58%	-0.58%	-7.13%	-4.41%	-0.17%	-12.00%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-4	1.04%	-1.10%	-7.42%	-9.97%	-5.74%	-15.30%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-4	3.94%	-3.62%	-6.98%	-8.33%	-6.46%	-23.56%
GSG	iShares GSCI Commodity Index	Commodities.	-4	-5.44%	-2.59%	-6.72%	-2.59%	-0.23%	-21.49%
HDGE	Ranger Equity Bear	Inverse Equities	-5	-5.48%	-3.36%	5.54%	-17.88%	-1.56%	-78.98%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-4.29%	-5.38%	-2.30%	-8.60%	-1.29%	-48.78%
FXI	iShares China 25 Index	China Equities	-5	-2.29%	-2.06%	-6.54%	-11.10%	-8.63%	-53.81%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-6	2.08%	-9.63%	-10.37%	-4.68%	4.28%	-25.15%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-6	5.23%	6.12%	4.17%	-40.78%	-35.75%	-50.64%
DOG	ProShares Short Dow 30	Bear Market	-6	-5.57%	-7.08%	-3.77%	-5.88%	-4.86%	-64.93%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-7	-0.82%	-3.15%	-10.19%	-14.41%	-9.96%	-32.18%
EWH	iShares Hong Kong Index	China Equities	-7	-1.87%	-1.35%	-5.30%	-19.99%	-11.35%	-40.18%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-7	1.51%	-4.54%	-13.73%	-9.65%	-9.07%	-33.94%

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	-7	-5.05%	-5.96%	-2.35%	-14.41%	-5.28%	-67.06%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-8	-1.10%	-0.77%	-9.38%	-18.93%	-9.69%	-40.08%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-9	6.50%	6.27%	-0.09%	-47.64%	-3.31%	-54.59%
PSQ	ProShares Short QQQ	Inverse Equities	-12	-6.02%	-6.80%	-4.34%	-31.05%	-9.75%	-81.75%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-16	5.25%	7.10%	1.98%	-78.43%	-65.42%	-80.93%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-18	2.96%	5.48%	-0.42%	-79.56%	-66.23%	-85.97%
UNG	U.S. Natural Gas Fund	Oil & Gas	-32	-24.28%	-25.51%	-16.99%	-60.85%	-21.32%	-93.75%