

HV ETF Master List as of 01/12/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	23	16.94%	22.03%	41.04%	13.12%	13.96%	-31.54%
AGQ	ProShares Ultra Silver	Leveraged Commodity	22	5.22%	26.06%	60.41%	-1.75%	20.82%	-54.89%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	22	15.62%	19.82%	41.49%	11.92%	14.70%	-37.70%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	21	13.63%	18.66%	38.83%	12.28%	13.64%	-27.73%
FXI	iShares China 25 Index	China Equities	19	13.57%	17.49%	33.11%	11.80%	9.02%	-41.91%
MCHI	iShares MSCI China	China Equities	19	12.12%	17.02%	34.09%	11.62%	10.47%	-45.45%
SIL	Global X Silver Miners	Commodity Producers	17	12.07%	14.01%	30.18%	9.80%	12.10%	-42.28%
EWG	iShares Germany Index	Europe Stock	17	11.71%	11.75%	33.96%	12.29%	16.62%	-23.88%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	16	7.09%	11.33%	30.73%	15.18%	-6.27%	-42.68%
EWN	iShares Netherlands Index	Europe Stock	16	9.03%	10.07%	33.04%	11.82%	15.26%	-22.57%
FEZ	SPDR Euro Stoxx 50	Europe Stock	16	9.84%	10.95%	32.17%	11.03%	18.05%	-12.93%
EZU	European Monetary Union Index	Europe Stock	16	9.96%	10.97%	30.52%	10.74%	15.83%	-15.18%
EZA	iShares South Africa Index	Emerging Markets Equi	16	15.41%	8.75%	28.57%	11.62%	10.88%	-37.69%
ITB	iShares DJ US Home Construction	Building and Constructi	15	5.35%	13.41%	30.44%	9.24%	14.82%	-20.28%
EWP	iShares Spain Index	Europe Stock	15	9.61%	13.14%	27.79%	8.97%	13.31%	-27.29%
EWI	iShares Italy Index	Europe Stock	15	10.68%	9.25%	31.03%	10.02%	16.71%	-14.01%
EWW	iShares Mexico Index	Latin America Stock	14	13.89%	5.95%	22.06%	14.24%	15.72%	-1.96%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	14	11.24%	13.24%	23.15%	6.49%	13.29%	-21.29%
EWQ	iShares France Index	Europe Stock	14	9.19%	10.55%	27.73%	9.45%	15.41%	-10.38%
XME	SPDR S&P Metals & Mining	Commodity Producers	14	11.34%	9.75%	21.69%	11.38%	11.43%	-15.75%
VGK	Vanguard European	Europe Equities	13	6.67%	9.29%	26.05%	8.23%	10.78%	-15.01%
IEV	S&P Europe 350 Index	Europe Stock	13	7.41%	9.43%	25.71%	8.17%	11.59%	-12.14%
EWD	iShares Sweden Index	Europe Stock	13	6.28%	8.90%	27.50%	9.43%	9.53%	-28.37%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	13	7.63%	10.59%	26.11%	6.52%	6.58%	-19.37%
EWK	iShares Belgium Index	Europe Stock	13	6.27%	11.98%	28.42%	5.92%	10.71%	-18.22%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	13	11.64%	7.42%	25.07%	9.70%	5.44%	-35.61%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	12	7.60%	8.95%	23.15%	6.43%	9.89%	-18.03%
EWH	iShares Hong Kong Index	China Equities	12	5.43%	11.89%	24.27%	5.28%	7.92%	-21.28%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	12	7.22%	9.33%	25.98%	7.24%	5.64%	-25.82%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	12	8.60%	11.92%	21.33%	7.52%	7.54%	-30.28%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	12	9.63%	7.04%	22.00%	10.93%	12.21%	-11.96%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	12	8.25%	9.10%	22.89%	8.40%	6.40%	-31.20%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	12	5.74%	9.19%	23.90%	9.68%	10.19%	-23.31%
SLV	iShares Silver Trust	Precious Metals	11	3.01%	13.43%	27.43%	-0.64%	13.02%	-18.96%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	11	8.78%	7.27%	18.11%	8.26%	4.94%	-29.21%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	11	6.32%	7.74%	22.96%	6.78%	8.93%	-15.83%
SMH	VanEck Vectors Semiconductor	Technology Equities	11	4.52%	2.67%	24.89%	10.86%	3.93%	-28.93%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	11	6.30%	7.91%	23.17%	6.89%	9.35%	-14.57%
IYM	Dow Jones US Basic Mat's	Materials	11	7.66%	6.44%	20.29%	8.54%	7.32%	-12.07%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	11	7.10%	8.38%	22.94%	6.81%	9.10%	-11.93%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	11	5.47%	3.43%	24.10%	10.53%	2.95%	-30.78%

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VXUS	Vanguard Total International Stock	Global Equities	10	5.50%	6.52%	19.44%	6.79%	6.15%	-18.18%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	10	-2.18%	10.69%	19.50%	12.08%	-3.04%	-48.48%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	10	4.90%	7.43%	20.76%	5.79%	0.47%	-29.74%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	10	5.84%	7.53%	21.88%	5.63%	6.34%	-24.56%
VAW	Vanguard Materials VIPERS	Materials	10	6.39%	5.41%	19.20%	7.57%	6.96%	-8.23%
SCHF	Schwab International Equity	Foreign Large Cap Equ	10	6.27%	5.56%	20.24%	6.77%	7.10%	-15.79%
EDV	Vanguard Extended Duration Treasury	Government Bonds	10	-1.98%	10.06%	18.91%	11.05%	-2.16%	-48.43%
EWA	iShares Australia Index	Asia Pacific Equities	10	6.86%	5.07%	19.63%	7.20%	6.32%	-12.97%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	10	7.78%	7.29%	17.10%	9.36%	10.13%	-6.91%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	10	5.21%	6.44%	21.09%	6.72%	7.25%	-16.17%
VEU	Vanguard FTSE All-World ex-US	Global Equities	10	5.41%	6.57%	19.55%	6.82%	6.38%	-17.95%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	10	8.96%	9.16%	14.60%	5.93%	10.03%	-49.47%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	10	6.59%	6.03%	18.79%	9.20%	8.30%	-19.78%
ACWX	iShares MSCI ACWI ex US	Global Equities	10	6.80%	7.05%	20.62%	7.08%	7.28%	-17.62%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	10	6.36%	6.44%	21.12%	6.29%	7.00%	-15.73%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	10	8.38%	7.25%	17.61%	7.99%	4.81%	-27.40%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	10	5.17%	6.51%	22.34%	7.18%	8.42%	-21.21%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	10	6.92%	5.84%	19.75%	6.55%	4.68%	-23.93%
IXUS	iShares Core MSCI Total International Stock	Global Equities	10	6.71%	6.95%	20.28%	6.88%	7.05%	-18.10%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	10	5.74%	11.32%	14.90%	8.46%	2.53%	-34.50%
EWU	iShares United Kingdom Index	Europe Stock	10	4.72%	7.47%	20.87%	5.58%	7.31%	-14.55%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	9	5.60%	6.15%	16.71%	6.34%	5.86%	-4.79%
IYZ	Down Jones US Telecom	Commun. Equities	9	8.88%	6.01%	13.33%	7.67%	-1.45%	-33.91%
EWL	iShares Switzerland Index	Europe Stock	9	5.11%	6.09%	17.97%	6.01%	5.57%	-16.16%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	9	7.80%	5.84%	15.29%	7.98%	3.93%	-26.19%
RWX	SPDR DJ Wil Intern. RE	Real Estate	9	3.75%	6.42%	20.46%	5.34%	0.53%	-34.59%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	7.47%	5.07%	16.30%	7.30%	7.89%	-37.49%
IAU	iShares Gold Trust	Precious Metals	9	6.82%	7.81%	16.65%	4.13%	6.85%	-8.63%
RPV	Guggenheim S&P 500 Pure Value	Large Value	9	6.99%	5.95%	15.70%	8.69%	7.61%	-3.94%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	9	2.12%	7.28%	20.22%	5.73%	4.38%	-36.22%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	9	3.09%	6.59%	20.36%	4.47%	13.18%	-12.89%
GLD	SPDR Gold Shares	Precious Metals	9	6.83%	7.76%	16.63%	4.13%	6.80%	-8.90%
XLB	Materials Select Sector *	Materials	9	4.86%	4.81%	19.14%	7.21%	6.50%	-8.09%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	9	5.97%	5.88%	15.47%	7.24%	8.97%	-3.11%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	9	6.77%	8.20%	15.43%	7.04%	3.22%	-24.12%
ECH	iShares Chile Index	Latin America	9	7.93%	8.27%	16.77%	1.51%	4.65%	-51.04%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	9	5.24%	6.89%	19.45%	5.63%	1.99%	-20.44%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	9	5.81%	6.65%	15.57%	7.39%	3.50%	-25.90%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	8	5.39%	3.53%	14.65%	7.39%	7.00%	-5.79%
XLI	Industrial Select Sector *	Industrial Equities	8	4.12%	3.92%	18.84%	4.45%	9.41%	-4.24%
IYT	Dow Jones Transportation	Transportation Equities	8	4.80%	3.88%	16.26%	8.63%	3.74%	-17.14%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	8	2.30%	5.78%	16.94%	5.37%	0.42%	-33.13%
SCHH	Schwab U.S. REIT	Real Estate	8	3.97%	5.40%	14.76%	7.21%	-1.99%	-60.75%
IYR	Dow Jones US Real Estate	Real Estate	8	4.38%	5.82%	15.55%	7.51%	-1.58%	-22.07%

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VIS	Vanguard Industrials	industrials Equities	8	4.79%	3.50%	17.50%	5.05%	8.80%	-7.54%
IYJ	Dow Jones US Industrial	Industrial Equities	8	5.12%	4.28%	17.42%	5.38%	7.66%	-47.32%
ICF	Cohen & Steers Realty	Real Estate	8	4.16%	5.99%	15.13%	7.40%	-2.30%	-53.24%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	8	4.46%	5.16%	17.50%	6.30%	3.65%	-23.05%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	8	7.74%	2.55%	15.44%	6.63%	6.00%	-17.48%
XRT	SPDR S&P Retail *	Consumer Discretionar	8	5.92%	2.61%	14.94%	9.20%	3.03%	-36.63%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	8	3.56%	4.51%	17.54%	4.86%	4.31%	-21.22%
IJS	S&P SmallCap 600/BARRA Value	Small Value	8	7.15%	3.07%	13.65%	7.69%	5.55%	-43.24%
FXY	CurrencyShares Japanese Yen Trust	Currency	8	6.60%	8.52%	16.16%	1.59%	5.35%	-25.30%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	8	0.79%	7.32%	17.05%	7.82%	2.34%	-27.74%
XLF	Financial Select Sector *	Financial Equities	7	5.57%	2.19%	14.68%	4.82%	6.43%	-13.45%
RSP	Guggenheim S&P Equal Weight	Large Blend	7	3.93%	3.67%	14.49%	5.29%	4.83%	-9.43%
IVE	S&P 500/BARRA Value	Large Value	7	5.11%	4.34%	14.75%	5.37%	6.43%	-3.90%
VNQ	Vanguard REIT Index	Real Estate	7	2.79%	5.09%	14.43%	7.58%	-2.61%	-23.52%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	4.97%	2.87%	13.39%	5.77%	5.59%	-11.80%
BLV	Vanguard Long Term Bond	Long-Term Bond	7	0.05%	6.97%	14.99%	7.48%	0.57%	-33.75%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	7	5.44%	4.36%	14.85%	5.15%	7.77%	-6.58%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	7	3.71%	3.82%	14.87%	5.29%	4.34%	-7.03%
JXI	iShares S&P Global Utilities	Utilities Equities	7	2.20%	5.95%	16.97%	2.76%	1.63%	-8.39%
PPLT	ETFS Physical Platinum Shares	Precious Metals	7	5.69%	8.53%	15.98%	-0.45%	12.96%	-17.25%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	7	3.77%	1.67%	18.23%	3.77%	5.85%	-30.76%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	7	4.66%	3.51%	14.84%	5.98%	7.80%	-7.43%
TLT	iShares 20+ Treas. Bd	Government Bonds	7	-0.52%	7.41%	13.58%	8.24%	-1.47%	-37.19%
VBR	Vanguard SmallCap Value	Small Cap Value	7	5.04%	2.75%	12.90%	6.01%	5.15%	-9.36%
RWR	Wilshire REIT Fund	Real Estate	7	2.24%	4.47%	13.07%	6.94%	-2.84%	-23.71%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	7	2.59%	4.97%	15.02%	6.33%	-1.89%	-23.09%
EWJ	iShares Japan Index	Japan Stock	7	3.71%	4.18%	16.70%	3.84%	4.49%	-23.73%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	7	5.01%	3.56%	13.16%	6.29%	4.15%	-16.37%
EWM	iShares Malaysia Index	Emerging Markets Equi	7	4.30%	7.88%	12.91%	1.84%	3.92%	-36.22%
IWS	Russell MidCap Value	Mid-Cap Value	7	4.79%	3.40%	13.99%	5.61%	3.65%	-9.98%
VFH	Vanguard Financials	Financials Equities	7	6.42%	1.75%	13.46%	5.26%	5.61%	-14.42%
IYF	Dow Jones US Financial Sector	Specialty-Financial	7	6.49%	2.27%	14.43%	5.21%	6.31%	-44.64%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	5.50%	2.16%	12.19%	6.50%	4.02%	-64.54%
IJH	S&P MidCap 400	Mid-Cap Blend	7	5.35%	2.83%	13.38%	5.78%	5.51%	-11.93%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	5.70%	2.52%	11.35%	6.59%	3.74%	-60.80%
FXO	1st Trust Financials AlphaDEX	Financial Equities	7	5.81%	2.86%	15.01%	6.25%	5.66%	-10.47%
IWM	Russell 2000	Small Blend	6	5.78%	1.80%	9.94%	6.58%	2.96%	-23.39%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	6	1.02%	5.07%	13.21%	3.74%	2.38%	-24.03%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	6	2.43%	6.81%	11.72%	4.08%	-1.81%	-27.09%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	6	1.98%	5.31%	14.19%	4.07%	2.59%	-25.38%
IWO	Russell 2000 Growth	Small Growth	6	5.73%	2.22%	9.35%	6.69%	3.58%	-32.01%
IWN	Russell 2000 Value	Small Value	6	5.89%	1.50%	10.56%	6.49%	2.48%	-16.51%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	6	1.19%	4.73%	11.72%	5.12%	1.75%	-20.35%
VT	Vanguard Total World Stock Index	Global Equities	6	3.41%	3.01%	12.85%	5.13%	2.85%	-17.05%

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KIE	SPDR S&P Insurance	Specialty-Financial	6	4.33%	3.80%	12.18%	3.49%	7.91%	-54.83%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	6	7.84%	1.24%	10.79%	6.02%	0.57%	-27.75%
IWD	Russell 1000 Value	Large Value	6	4.07%	2.79%	12.73%	4.21%	4.24%	-7.32%
BBH	VanEck Vectors Biotech	Health & Biotech	6	0.65%	0.88%	17.07%	4.43%	9.16%	-24.43%
VO	Vanguard Mid-Cap	Mid-Cap Blend	6	3.04%	2.68%	12.79%	5.01%	2.70%	-18.06%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	6	0.05%	6.10%	11.69%	6.52%	-0.43%	-33.13%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	6	2.89%	3.94%	14.29%	4.04%	2.62%	-7.39%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	6	-3.92%	12.66%	24.48%	-9.30%	35.39%	-28.78%
VB	Vanguard SmallCap	Small Cap Blend	6	4.85%	2.85%	11.83%	6.40%	3.82%	-18.42%
EWC	iShares Canada Index	Foreign Large Cap Equ	6	5.86%	0.43%	11.32%	6.02%	0.75%	-14.66%
VBK	Vanguard SmallCap Growth	Small Cap Growth	6	4.75%	3.11%	10.39%	6.99%	1.99%	-29.83%
ACWI	iShares MSCI ACWI	Global Equities	6	4.13%	2.90%	12.81%	5.20%	3.02%	-16.73%
DVY	iShares Select Dividend Index	Large Cap Value	6	3.92%	3.45%	14.02%	3.73%	3.54%	-5.33%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	6	4.12%	2.15%	10.78%	5.15%	4.38%	-57.37%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	3.84%	3.37%	13.29%	3.76%	4.81%	-5.19%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	6	3.66%	2.70%	13.47%	3.88%	4.81%	-7.56%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	6	3.58%	1.47%	12.30%	5.40%	2.22%	-16.41%
VPU	Vanguard Utilities VIPERS	Utilities Equities	6	0.98%	6.13%	15.20%	1.90%	1.15%	-7.76%
PKW	PowerShares Buyback Achievers	All Cap Equities	6	4.45%	1.90%	13.56%	3.87%	6.71%	-9.42%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	6	3.84%	4.32%	14.13%	1.66%	9.85%	-52.58%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	6	3.33%	3.05%	8.30%	7.85%	0.89%	-20.48%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	6	3.84%	2.96%	8.76%	8.86%	-0.18%	-21.33%
VOX	Vanguard Telecom Serv's	Communication Equitie	6	8.55%	4.11%	4.49%	8.66%	-4.06%	-40.68%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	4.03%	2.78%	12.82%	5.28%	3.27%	-68.31%
XLU	Utilities Select Sector *	Utilities Equities	6	-0.15%	6.19%	15.17%	1.55%	0.82%	-8.36%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	6	3.06%	5.35%	13.98%	3.61%	2.33%	-26.10%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	6	2.59%	6.45%	14.10%	2.64%	3.67%	-85.47%
IJR	S&P Sm.Cap 600	Small Blend	6	5.87%	1.67%	11.88%	6.50%	3.82%	-16.23%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	5	0.65%	1.37%	14.91%	2.91%	8.82%	-60.36%
IDU	Dow Jones US Utilities	Utilities Equities	5	0.13%	5.24%	13.57%	1.34%	0.60%	-50.47%
IGE	iShares North American Natural Resources	Commodity Producers	5	6.19%	-0.96%	8.65%	4.16%	7.37%	-6.78%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5	3.31%	0.81%	10.54%	4.29%	3.23%	-72.29%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	4.76%	0.66%	10.30%	5.42%	2.35%	-45.51%
ILF	iShares S&P 40 Latin America	Latin America Stock	5	13.47%	1.26%	-3.03%	8.91%	0.26%	-36.89%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	2.75%	1.72%	10.80%	4.68%	2.71%	-29.02%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	5	2.57%	3.94%	6.49%	6.44%	-7.48%	-26.66%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	5	3.61%	2.83%	9.85%	4.81%	2.40%	-34.36%
FPE	First Trust Preferred Securities and Income	Preferred Stock	5	2.86%	4.20%	7.37%	4.88%	1.06%	-15.08%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	5	3.84%	2.72%	7.67%	6.26%	-0.75%	-19.46%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	5	3.49%	2.51%	11.79%	3.75%	4.37%	-3.19%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5	3.24%	1.96%	11.60%	4.02%	3.81%	-8.04%
VYM	Vanguard High Div. Yield Index	Large Cap Value	5	1.90%	1.34%	12.32%	2.65%	4.69%	-3.42%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5	2.77%	1.86%	12.33%	4.54%	2.06%	-18.57%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	5	3.43%	2.88%	11.45%	3.53%	2.97%	-4.72%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	1.76%	2.42%	13.12%	2.94%	4.47%	-9.23%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	5	2.19%	1.53%	12.59%	2.46%	3.59%	-8.62%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	5	2.39%	2.25%	11.46%	2.86%	4.35%	-2.93%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	2.76%	1.76%	12.76%	3.22%	6.02%	-7.03%
SDY	SPDR Dividend ETF	Large Value	5	2.21%	1.69%	13.11%	3.37%	4.63%	-2.27%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	2.66%	1.06%	11.16%	3.68%	3.02%	-15.08%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	2.31%	1.45%	10.58%	4.70%	0.91%	-29.19%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	5	1.66%	5.66%	12.78%	1.79%	4.73%	-13.61%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5	3.07%	1.93%	12.38%	4.42%	4.01%	-10.08%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	5	1.83%	1.57%	13.63%	3.38%	4.30%	-5.74%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	5	4.27%	1.90%	9.44%	6.28%	1.19%	-29.40%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	5	3.86%	1.64%	11.68%	4.30%	4.07%	-6.94%
SCHD	Schwab US Dividend Equity	All Cap Equities	5	3.18%	1.88%	13.64%	3.10%	4.83%	-4.95%
FXE	CurrencyShares Euro Currency Trust	Currency	5	2.11%	4.65%	10.90%	1.35%	5.18%	-16.88%
BAB	PowerShares Build America Bond Portfolio	National Munis	5	0.60%	5.25%	8.53%	4.43%	-0.01%	-22.49%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	0.00%	4.82%	12.95%	2.17%	2.03%	-6.01%
VTV	Vanguard Value	Large Cap Value	5	2.24%	2.20%	12.57%	2.77%	4.80%	-4.34%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	4	0.67%	3.16%	7.09%	3.90%	-0.25%	-19.13%
ACVW	iShares Edge MSCI Min Vol Global	Global Equities	4	1.76%	1.77%	9.22%	2.02%	1.24%	-10.47%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	4	0.69%	3.04%	7.27%	3.40%	0.50%	-18.57%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	4	0.68%	3.24%	7.11%	3.40%	0.34%	-16.17%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	2.92%	1.27%	10.82%	2.23%	3.60%	-3.06%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	4	2.19%	3.47%	6.74%	4.09%	1.49%	-13.86%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	4	0.74%	3.70%	7.41%	3.46%	-0.01%	-17.29%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	4	0.46%	3.27%	6.98%	3.31%	0.30%	-17.05%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	4	1.60%	0.45%	8.51%	3.52%	0.59%	-17.58%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	4	0.49%	3.35%	7.26%	3.53%	0.43%	-16.97%
SCHB	Schwab U.S. Broad Market	All Cap Equities	4	2.77%	0.86%	8.79%	4.15%	0.76%	-58.96%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	4	1.71%	3.41%	6.55%	4.31%	0.88%	-71.10%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	4	1.25%	2.21%	10.06%	1.08%	4.94%	-4.90%
VTI	Total Stock Market VIPERs	All Cap Equities	4	2.19%	0.86%	8.69%	4.18%	0.71%	-18.02%
IYC	iShares US Consumer Services	Consumer Discretionar	4	3.57%	0.48%	4.68%	7.53%	-1.31%	-77.89%
PZA	Pshares Insured National Munis	National Munis	4	1.92%	4.52%	7.25%	3.88%	2.49%	-13.41%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	2.66%	4.04%	6.53%	3.48%	1.96%	-12.47%
IWV	Russell 3000 Index	All Cap Equities	4	2.68%	0.76%	8.59%	4.07%	0.68%	-17.72%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	4	2.44%	0.77%	8.53%	3.94%	0.49%	-59.04%
VV	Vanguard LargeCap	Large Cap Blend	4	1.82%	0.53%	8.25%	3.81%	0.28%	-18.45%
MOO	VanEck Vectors Agribusiness	Commodity Producers	4	2.32%	0.54%	7.39%	4.99%	-0.42%	-16.81%
IWB	Russell 1000 Index	Large Blend	4	2.56%	0.83%	8.60%	3.97%	0.63%	-17.75%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	4	1.38%	3.21%	6.77%	3.21%	2.32%	-10.17%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	1.14%	1.88%	10.12%	2.05%	2.31%	-9.21%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	4	1.41%	4.34%	10.42%	1.01%	1.64%	-6.84%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	4	0.94%	3.75%	9.29%	3.86%	1.40%	-17.16%
IVV	S&P 500	Large Blend	4	2.34%	0.73%	8.68%	3.80%	0.65%	-16.89%

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VOO	Vanguard S&P 500	Large Cap Blend Equiti	4	1.87%	0.67%	8.63%	3.83%	0.60%	-16.95%
SPY	SPDR S&P 500	Large Cap Blend	4	1.88%	0.69%	8.63%	3.80%	0.66%	-16.90%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	4	0.54%	3.79%	11.72%	1.16%	2.37%	-6.89%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	4	2.73%	0.93%	8.79%	4.16%	0.73%	-17.93%
EWZ	iShares Brazil Index	Latin America Stock	3	12.78%	0.85%	-9.53%	6.29%	-3.09%	-38.59%
MUB	iShares S&P National Muni Bond	National Munis	3	1.24%	2.78%	5.14%	2.07%	1.88%	-8.68%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3	0.55%	2.27%	5.01%	2.60%	0.00%	-15.31%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	3	2.29%	-1.01%	7.15%	4.38%	1.41%	-26.53%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3	-0.03%	0.46%	9.73%	0.34%	1.40%	-7.72%
VGT	Vanguard Info Technology	Technolgy Equities	3	1.17%	-1.18%	7.07%	4.64%	-2.49%	-28.29%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	3	2.65%	-0.72%	2.14%	7.70%	-4.97%	-33.67%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	3	1.42%	2.42%	4.73%	3.14%	1.25%	-11.16%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	3	1.72%	2.19%	4.66%	2.81%	1.38%	-12.47%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	1.93%	1.38%	4.79%	3.68%	-0.15%	-27.65%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	3	0.50%	2.17%	4.93%	2.56%	-0.20%	-14.37%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	3	0.05%	3.20%	5.12%	3.07%	-0.80%	-18.03%
VHT	Vanguard Health Care	Health & Biotech Equiti	3	-0.78%	2.04%	9.26%	-0.05%	3.19%	-7.32%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	3	1.41%	2.26%	4.53%	2.95%	1.30%	-9.85%
IYH	Dow Jones US Healthcare	Specialty-Health	3	-1.17%	2.05%	9.62%	-0.43%	3.43%	-6.43%
XLK	Technology Select *	Technology Equities	3	0.72%	-1.38%	7.45%	4.56%	-2.20%	-26.34%
XLE	Energy Select Sector *	Energy Equities	3	5.16%	-2.75%	6.31%	2.69%	10.50%	-4.53%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	3	0.52%	2.72%	5.32%	2.90%	-0.22%	-17.39%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	-1.05%	2.39%	10.68%	0.01%	3.32%	-31.02%
KBE	SPDR S&P Bank	Specialty-Financial	3	6.15%	-1.34%	4.52%	4.43%	0.12%	-21.95%
IXC	S&P Global Energy	Energy Equities	3	5.86%	-3.24%	5.72%	2.80%	7.50%	-5.92%
FXB	CurrencyShares British Pound	Currency	3	0.28%	2.96%	8.84%	1.08%	1.93%	-19.30%
IGV	iShares North American Tech-Software	Technology Equities	3	2.08%	0.85%	4.26%	3.69%	-3.86%	-40.59%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	3	3.55%	-0.58%	7.62%	2.90%	5.03%	-7.03%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3	1.78%	1.78%	5.53%	3.37%	0.81%	-24.42%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	2	7.45%	-10.08%	0.26%	9.50%	-3.75%	-21.88%
IWF	Russell 1000 Growth	Large Growth	2	0.84%	-1.24%	4.43%	3.82%	-3.05%	-28.14%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	0.67%	1.75%	4.16%	1.89%	0.09%	-11.79%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	2	1.39%	1.15%	2.08%	2.97%	1.17%	-9.74%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	2	0.00%	1.47%	2.57%	2.34%	-3.78%	-17.04%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	0.80%	2.34%	3.77%	2.42%	-3.02%	-16.69%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	2	-1.95%	1.42%	8.96%	-0.74%	3.22%	-5.59%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	2	1.42%	-1.70%	0.02%	7.15%	-7.20%	-34.54%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equi	2	3.87%	-4.64%	3.05%	6.23%	-2.56%	-18.50%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2	0.54%	1.52%	3.87%	1.33%	0.43%	-8.48%
VDE	Vanguard Energy VIPERS	Energy Equities	2	5.50%	-3.87%	4.90%	2.49%	9.34%	-5.75%
XLP	Consumer Staples Select *	Consumer Staples	2	-1.12%	0.68%	9.61%	-0.21%	1.10%	-7.67%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	2	-1.12%	1.02%	9.18%	-0.93%	1.24%	-5.86%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	2	0.99%	-1.74%	2.70%	4.88%	-5.02%	-31.73%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	2	0.50%	1.46%	3.21%	1.27%	0.27%	-8.13%

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KRE	SPDR S&P Region.Banking	Specialty-Financial	2	5.66%	-2.99%	1.71%	3.30%	-1.85%	-22.98%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	-0.17%	0.17%	8.11%	1.26%	1.11%	-6.42%
VUG	Vanguard Growth	Large Cap Growth	2	1.26%	-1.15%	3.97%	4.94%	-4.16%	-31.33%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	2	0.78%	-2.02%	3.69%	4.80%	-4.65%	-30.93%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	-0.68%	1.32%	8.92%	0.35%	1.58%	-5.31%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	2	0.11%	-2.65%	8.44%	2.59%	-1.19%	-29.61%
IYW	Dow Jones US Technology	Technology Equities	2	1.18%	-1.43%	4.69%	4.69%	-5.19%	-33.40%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	2	0.91%	-1.67%	2.72%	4.07%	-4.64%	-65.34%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2	5.53%	-10.71%	3.73%	7.92%	-12.09%	-36.05%
IYE	Dow Jones US Energy	Specialty-Natural Res.	2	4.79%	-3.95%	5.07%	2.50%	9.35%	-5.64%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	0.78%	2.11%	4.60%	2.27%	0.13%	-12.38%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	1	0.23%	-1.93%	5.50%	-0.21%	1.71%	-24.84%
INDA	iShares MSCI India	Emerging Markets Equi	1	0.43%	-1.12%	3.21%	1.72%	1.10%	-16.38%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.25%	-0.08%	3.53%	2.55%	-1.29%	-17.87%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.27%	0.75%	1.33%	0.75%	-0.36%	-6.05%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.42%	1.30%	2.82%	1.17%	0.07%	-8.57%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.31%	0.80%	1.39%	0.74%	-0.25%	-6.56%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.53%	0.76%	1.30%	0.75%	-0.36%	-5.78%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	1	-0.02%	-2.56%	3.12%	2.44%	-4.59%	-28.72%
IVW	S&P 500/BARRA Growth	Large Growth	1	-0.17%	-2.68%	2.67%	2.38%	-5.02%	-29.38%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.08%	0.22%	0.30%	0.19%	0.19%	-1.11%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.66%	0.20%	0.32%	0.14%	0.28%	-1.35%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	0	-2.95%	-2.01%	3.48%	2.30%	1.74%	-5.29%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	0	-0.45%	-2.69%	2.65%	2.40%	-5.03%	-29.40%
SPYG	S&P 500 Growth	Large Cap Growth	0	-0.44%	-2.70%	2.69%	2.41%	-5.01%	-29.38%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	0	3.49%	-8.83%	-1.25%	5.77%	-4.44%	-14.65%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	-1	-1.92%	-1.22%	-0.91%	0.66%	-4.32%	-10.95%
DBC	PowerShares DB Commodity Index	Commodities	-1	0.33%	-3.12%	-1.21%	-0.41%	-5.98%	-19.59%
RSX	Market Vectors Russia	Emerging Markets Equi	-1	-0.53%	-0.53%	-0.53%	-0.53%	-0.53%	-83.14%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-1	3.30%	-8.35%	-1.78%	2.15%	4.97%	-10.46%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	-2.61%	-0.08%	0.66%	-1.99%	-1.90%	-11.33%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-1	0.14%	-4.60%	0.47%	1.37%	-1.24%	-20.10%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-1	-0.06%	-7.36%	-0.28%	2.40%	3.96%	-9.79%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-1	-2.63%	-3.47%	1.29%	2.56%	0.52%	-6.15%
GSG	iShares GSCI Commodity Index	Commodities.	-2	0.77%	-3.37%	-2.61%	-1.55%	-7.11%	-20.65%
PSQ	ProShares Short QQQ	Inverse Equities	-2	-1.13%	1.66%	-4.68%	-4.48%	2.10%	-74.72%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-2	-1.61%	-1.91%	-2.50%	-3.23%	-5.44%	-15.07%
DJP	Bloomberg Commodity Index	Commodities	-2	-2.41%	-3.66%	0.70%	-1.69%	-7.17%	-19.56%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	-3	3.44%	-14.35%	-7.37%	5.67%	-9.66%	-21.47%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-4	-2.28%	-0.83%	-8.25%	-3.56%	-2.04%	-62.88%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-4	0.92%	-9.28%	-7.06%	-1.06%	-10.27%	-22.98%
UUP	PowerShares DB US Dollar Bullish	Currency	-4	-2.76%	-4.35%	-9.52%	-1.19%	-3.73%	-10.40%
DOG	ProShares Short Dow 30	Bear Market	-5	-2.94%	-1.88%	-11.42%	-3.00%	-6.56%	-63.85%
RWM	ProShares Short Russell2000	Inverse Equities	-6	-5.56%	-2.20%	-9.83%	-6.06%	-5.16%	-63.38%

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TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-7	0.43%	-7.41%	-12.69%	-7.50%	-0.32%	-14.96%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-8	-12.57%	-12.82%	-9.46%	1.60%	-10.22%	-59.03%
HDGE	Ranger Equity Bear	Inverse Equities	-9	-6.46%	-6.02%	-13.06%	-8.80%	-8.41%	-76.65%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-10	-6.16%	-7.73%	-19.35%	-6.25%	-10.22%	-47.46%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-13	0.43%	-14.88%	-24.80%	-14.65%	-3.07%	-34.97%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-16	-3.04%	-32.95%	-29.62%	2.37%	-26.91%	-35.84%
UNG	U.S. Natural Gas Fund	Oil & Gas	-35	-43.79%	-42.91%	-37.55%	-16.60%	-50.64%	-86.68%